SUMMARY OF CORRECTIONS

VOLUME 4

2014

CHARTS

WESTERN PACIFIC OCEAN

CORRECTIONS
THROUGH NTM NO. 8/14 (22 FEBUARY 2014)

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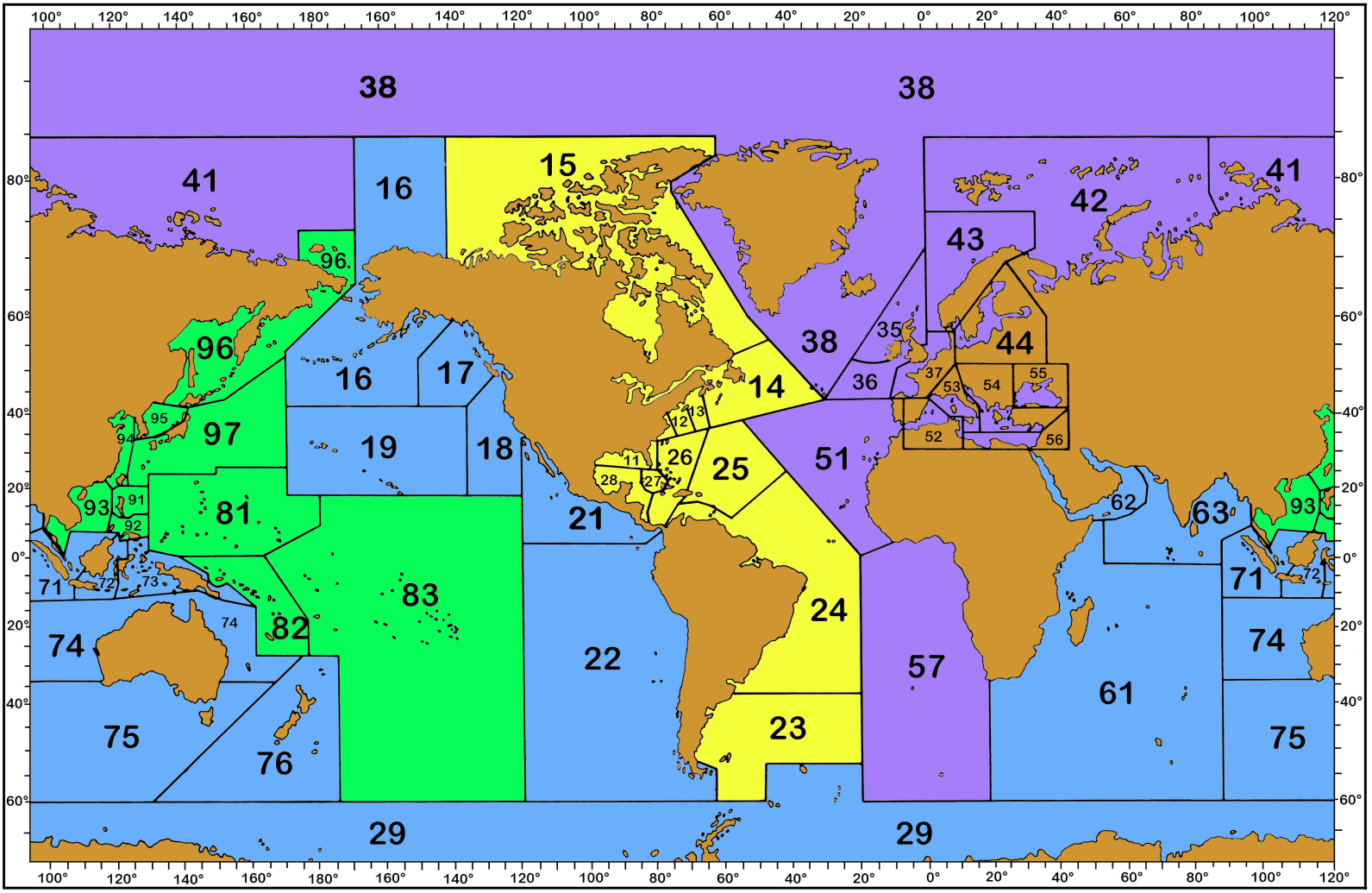

VOLUME 1 VOLUME 2 VOLUME 3 VOLUME 4

SUMMARY OF CORRECTIONS

This Volume contains a summary of chart corrections originally issued in the Notice to Mariners up to the date of this edition. For corrections issued subsequent to the date of this edition, the Notice to Mariners must still be consulted. This publication is not required to be maintained intact. Portions of it may be separated for correction or attachment to an affected product.

The Summary of Corrections are divided into five volumes. Volumes 1 through 4 contain corrections to regionally numbered charts. Volume 5 contains corrections to world and ocean basin charts, and corrections to navigational publications. The detailed coverage of each Volume is listed below:

- Volume 1: East Coast of North and South America
  (Subregions 11 through 15 and 23 through 28).

- Volume 2: Eastern Atlantic and Arctic Oceans, Including the Mediterranean Sea
  (Regions 3, 4 and 5).

- Volume 3: Eastern Pacific Ocean, Antarctica, Indian Ocean and Australasia
  (Subregions 16 through 19, 21, 22, and 29, and Regions 6 and 7).

- Volume 4: Western Pacific Ocean
  (Regions 8 and 9).

- Volume 5: World and Ocean Basin Charts, U.S. Coast Pilots, Sailing Directions, Fleet Guides and Other Publications.

For further information concerning NGA hydrographic products and services, including the Maritime Safety Website, users may contact:

	Telephone	DSN	E-mail
Maritime Safety Office	(571) 557-8385	547-8385	Webmaster_NSS@nga.mil
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Notice to Mariners	(571) 557-8282	547-8282	MCDNtM@nga.mil
Sailing Directions, Fleet Guides	(571) 557-5943	547-5943	MCDPubs@nga.mil
Navigation Publications	(571) 557-8080	547-8080	MCDPubs@nga.mil

The Maritime Safety Web site (**http://msi.nga.mil/NGAPortal/MSI.portal**) provides a searchable database of the corrections found in this publication, including graphic corrections. The database is updated weekly, as each new Notice to Mariners issue is published. The query form can be accessed by clicking the “Notice to Mariners” hyperlink located on the left side of the Web page.

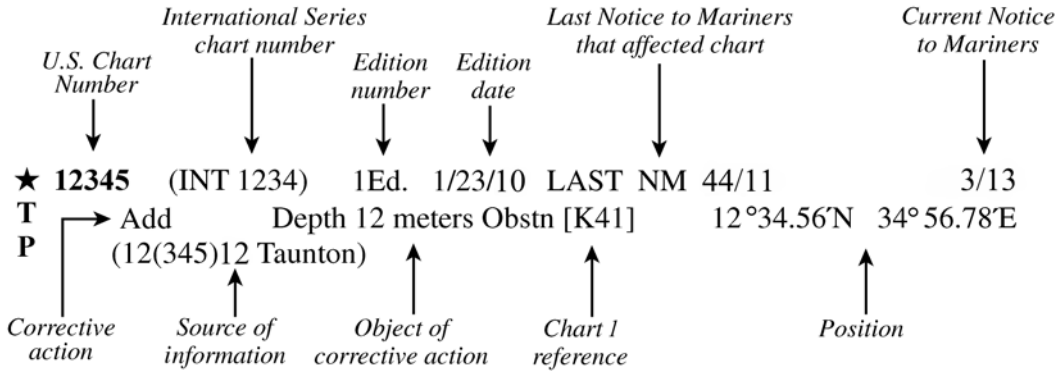
Users can also contact the Maritime Safety Office by telefax to 571-558-3261.

EXPLANATION OF CONTENTS

The Summary of Corrections is provided as a convenient tool for updating nautical charts with corrections originally issued in the Notice to Mariners. It contains a reiterative compilation of all corrections affecting each product listed from its edition date through the date of this volume.

Charts are arranged by Subregion and are listed in ascending order by chart number. Each chart's corrections are listed in ascending order by the Notice to Mariners number in which they were originally issued. Corrections that were issued prior to the current edition date of a chart are not included. Charts that were listed as "CANCELED" in a previous edition of the Summary of Corrections are not repeated. Paste-on corrections for charts (chartlets, depth tabulations and notes) are located in the back of the chart corrections section and are arranged in ascending order by chart number. When a paste-on correction supersedes another which had been issued previously, only the latest correction will be included.

The components of a typical chart correction are illustrated below:



A chart correction preceded by:

★ indicates that it is based upon original U.S. source information.

T indicates that it is temporary in nature.

P indicates that it is preliminary, and that permanent corrective action will appear in a future Notice to Mariners.

The letter **M** immediately following the chart number indicates that the correction should be applied to the metric side of the chart only. The letter **M** is not a part of the chart number.

The letter **N** immediately following the chart number indicates that the affected chart is on Limited Distribution and is normally only for use by U.S. Navy and government-owned or -chartered vessels.

For additional information about correcting charts, users should consult the Notice to Mariners and U.S. Chart No. 1 (Nautical Chart Symbols Abbreviations and Terms).

★**81001** 1Ed. 9/2/89 NEW CHART 48/89
(DMAHTC)

81001 1Ed. 9/2/89 LAST NM 48/89 28/91
Add Light Fl 5s 10M (PA) 6° 53.7′ N 134° 08.1′ E
(17(1255)91 Taunton)

81001 1Ed. 9/2/89 LAST NM 28/91 16/93
Add Depth 40 meters "Rep (1988)" 3° 35.0′ N 133° 57.0′ E
(50(60)92 Brest)

81001 1Ed. 9/2/89 LAST NM 16/93 46/95
Add Light Fl(2) 7° 27.0′ N 126° 35.6′ E
(8(41)95 Manila)

81001 1Ed. 9/2/89 LAST NM 46/95 31/00
Add Depth 375 meters "Rep (2000)" 4° 23.5′ N 127° 31.0′ E
(NTM0001/2000)

81001 1Ed. 9/2/89 LAST NM 31/00 47/01
Change Light to Fl 5s 11m 15M 8° 52.7′ N 126° 20.5′ E
(BA LL)

81001 1Ed. 9/2/89 LAST NM 47/01 36/04
Add Wreck [K29] 3° 43.0′ N 126° 47.0′ E
(17(121)04 Jakarta)

81001 1Ed. 9/2/89 LAST NM 36/04 33/05
Add Superbuoy ODAS [Q58] 7° 55.7′ N 130° 03.9′ E
(NTM0026/2005)

81001 1Ed. 9/2/89 LAST NM 33/05 7/07
Add Depth 343 meters 7° 40.6′ N 134° 22.1′ E
Depth 251 meters 6° 40.1′ N 133° 56.7′ E
Depth 252 meters 3° 52.2′ N 127° 47.1′ E
Depth 391 meters 3° 44.3′ N 128° 11.3′ E
(NTM0002/2007)

81001 1Ed. 9/2/89 LAST NM 7/07 11/07
Add Light Fl 5s 15M 8° 14.7′ N 126° 27.3′ E
(4(36)03 Manila; BA LL)

81001 1Ed. 9/2/89 LAST NM 11/07 6/08
Add Depth 557 meters 6° 40.6′ N 134° 00.4′ E
Depth 532 meters 6° 36.8′ N 133° 57.8′ E
Depth 323 meters 3° 58.3′ N 127° 47.5′ E
Depth 398 meters 4° 02.8′ N 127° 47.4′ E
Depth 543 meters 4° 13.4′ N 127° 45.4′ E
(NTM0026/2007)

★**81001** 1Ed. 9/2/89 LAST NM 6/08 46/09
Add Depth 510 meters 2° 54.4′ N 131° 15.4′ E
(NTM0011/2009)

81001 1Ed. 9/2/89 LAST NM 46/09 11/11
Change Light to Fl 5s 15M 6° 16.6′ N 126° 11.5′ E
(UKHO ARCS 4494-0)

81001 1Ed. 9/2/89 LAST NM 11/11 13/11
Add Light Fl R 5s 12M 6° 46.9′ N 126° 16.5′ E
(6(114)06 Manila; UKHO LL)

★**81001** 1Ed. 9/2/89 LAST NM 13/11 19/11
Add Depth 1502 meters 4° 02.5′ N 132° 18.8′ E
Depth 1477 meters 5° 35.8′ N 133° 57.1′ E
(NTM0016/2011)

81001 1Ed. 9/2/89 LAST NM 19/11 36/11
Add Light Fl 6s 93m 20M 2° 38.6′ N 128° 33.9′ E
(38(277)03 Jakarta)

★**81002** 6Ed. 3/31/90 NEW EDITION 30/90
(DMAHTC)

81002 6Ed. 3/31/90 LAST NM 30/90 43/95
Add Depth
340 meters 6° 38.6′ N 142° 33.9′ E
463 meters 11° 19.9′ N 138° 34.5′ E
(35(2901)95 Taunton)

81002 6Ed. 3/31/90 LAST NM 43/95 24/96
Delete Light 9° 31.5′ N 138° 06.9′ E
(10/92 CG14)

81002 6Ed. 3/31/90 LAST NM 24/96 42/96
Add Depth
442 meters 9° 35.7′ N 140° 25.8′ E
407 meters 7° 57.7′ N 137° 19.0′ E
676 meters 7° 44.3′ N 137° 03.0′ E
(35(2945)96 Taunton)

81002 6Ed. 3/31/90 LAST NM 42/96 18/02
Add Depth 705 meters 8° 03.7′ N 143° 26.1′ E
Depth 575 meters 6° 53.0′ N 144° 49.0′ E
(6(59)02 Wellington)

81002 6Ed. 3/31/90 LAST NM 18/02 14/06
Add Danger circle "Obstn" [K40] 8° 16.9′ N 145° 07.6′ E
(NTM0009/2006)

81002 6Ed. 3/31/90 LAST NM 14/06 45/06
Add Superbuoy ODAS [Q58] 7° 52.0′ N 136° 29.0′ E
(NTM0040/2006)

★**81002** 6Ed. 3/31/90 LAST NM 45/06 4/07
Substitute Depth 1928 meters for 463 meters 11° 19.1′ N 138° 34.4′ E

Add Depth 19.7 meters, blue tint and enclosing depth contour (20-meter) centered 11° 18.8′ N 139° 20.8′ E
(NTM0003/2007)

★**81002** 6Ed. 3/31/90 LAST NM 4/07 20/08
Add Wreck [K29] (PA) 11° 16.0′ N 143° 54.0′ E
Wreck [K29] (PA) 11° 16.0′ N 143° 53.0′ E
(NTM0017/2008)

★**81002** 6Ed. 3/31/90 LAST NM 20/08 30/08
Add Depth 1433 meters "Rep (2006)" [I3.2]
9° 08.0′ N 141° 43.8′ E
Depth 1920 meters "Rep (2006)" [I3.2]
8° 34.0′ N 141° 37.1′ E
Depth 2560 meters "Rep (2006)" [I3.2]
8° 16.7′ N 141° 39.0′ E
Depth 1305 meters "Rep (2006)" [I3.2]
7° 29.0′ N 141° 46.4′ E
Depth 1417 meters "Rep (2006)" [I3.2]
6° 25.2′ N 141° 55.6′ E
Depth 1554 meters "Rep (2006)" [I3.2]
6° 34.0′ N 141° 56.9′ E
(NTM0006/2008)

★**81002** 6Ed. 3/31/90 LAST NM 30/08 52/08
Substitute Depth 373 meters for 407 meters 7° 57.7′ N 137° 19.0′ E

Add Depth 618 meters 7° 52.1′ N 137° 12.8′ E
(NTM0026/2007)

81002 6Ed. 3/31/90 LAST NM 52/08 47/09
Delete Depth 106 meters "Rep (1974)" 12° 36.7′ N 144° 20.6′ E
(US CH 81004)

★**81002** 6Ed. 3/31/90 LAST NM 47/09 19/10
Substitute Depth 1203 meters for 4974 meters 8° 03.8′ N 137° 17.1′ E
(NTM0001/2010)

★**81002** 6Ed. 3/31/90 LAST NM 19/10 1/11
Add Depth 28 meters 10° 29.3′ N 140° 06.8′ E
Depth 26 meters 10° 27.6′ N 140° 07.3′ E
Depth 30 meters 10° 25.8′ N 140° 08.0′ E
and extend depth contour (200-meter) SSE to enclose above depths
(NTM0023/2010)

81002 6Ed. 3/31/90 LAST NM 1/11 51/11
Add Wreck [K29] 11° 19.2′ N 143° 40.6′ E
(NTM0019/2011)

81002 6Ed. 3/31/90 LAST NM 51/11 29/13
Add Depth 1618 meters "Rep (2009)" enclosed by dotted-line circle centered [I3.2] 12° 34.1′ N 141° 02.9′ E

Depth 1958 meters "Rep (2009)" enclosed by dotted-line circle centered [I3.2] 12° 16.2′ N 139° 53.6′ E
(NTM0015/2013)

81002 6Ed. 3/31/90 LAST NM 29/13 31/13
Add Depth 1393 meters "Rep (2010)" enclosed by dotted-line circle centered [I3.2] 7° 35.2′ N 136° 12.4′ E
(NTM0015/2013)

★81004 5Ed. 8/08 NEW EDITION 39/08
(NOS)

81004 5Ed. 8/08 LAST NM 39/08 42/08
Change Designation of FAD buoy "J" to "2" 13° 35.6′ N 144° 45.6′ E
(39/08 CG14)

81004 5Ed. 8/08 LAST NM 42/08 43/08
Add Buoy (FAD) "Cocos" Y, Fl Y 60s (Priv) 13° 12.0′ N 144° 41.7′ E
Buoy (FAD) "FACPI 2" Y, Fl Y 60s (Priv) 13° 19.6′ N 144° 33.3′ E
Buoy (FAD) "FACPI" Y, Fl Y 60s (Priv) 13° 20.4′ N 144° 36.5′ E
Buoy (FAD) "Ledge" Y, Fl Y 60s (Priv) 13° 35.8′ N 144° 40.4′ E
Buoy (FAD) "1" Y, Fl Y 60s (Priv) 13° 32.2′ N 144° 43.1′ E
Buoy (FAD) "Old NOAA" Y, Fl Y 60s (Priv) 13° 43.5′ N 144° 40.8′ E
(40/08 CG14)

81004 5Ed. 8/08 LAST NM 43/08 47/08
Add Depth 6 1/4 fathoms Rk [K14.2] 13° 26.9′ N 144° 37.1′ E
(NOS)

★81004 5Ed. 8/08 LAST NM 47/08 37/09
Add Wreck [K29] 14° 55.1′ N 147° 48.4′ E
(NTM0028/2009)

★81004 5Ed. 8/08 LAST NM 37/09 38/09
Substitute Depth 6 fathoms "Shoal rep (2009)" for 41 fathoms "Rep (2006)" 16° 30.4′ N 143° 09.0′ E
(NTM0003/2009)

81004 5Ed. 8/08 LAST NM 38/09 47/09
Add Dashed-line circle "Discol. water rep (1972)" [Ke] 13° 01.2′ N 141° 29.2′ E
Depth 370 fathoms enclosed by depth contour (1000-fathom) 12° 27.9′ N 144° 36.9′ E
Depth 298 fathoms enclosed by broken depth contour 12° 34.1′ N 145° 35.1′ E
(BA CH 764; US CH 81060)

81004 5Ed. 8/08 LAST NM 47/09 18/10
Add Depth 717 fathoms 13° 15.2′ N 144° 01.5′ E
(NTM0001/2010)

81004 5Ed. 8/08 LAST NM 18/10 5/11
Add Depth 654 fathoms "Rep (2010)" 13° 23.8′ N 143° 55.1′ E
(NTM0021/2010)

81004 5Ed. 8/08 LAST NM 5/11 12/12
Add Depth 286 fathoms 14° 36.1′ N 144° 46.6′ E
(NTM0008/2012)

★81004 5Ed. 8/08 LAST NM 12/12 30/12
Delete Purple dashed line (submarine operating area limit) between 13° 16.0′ N 144° 45.0′ E
13° 10.3′ N 144° 45.0′ E

Purple dashed line (submarine operating area limit) between 13° 27.2′ N 144° 40.8′ E
13° 40.0′ N 144° 54.0′ E

Purple dashed line (submarine operating area limit) between 14° 07.0′ N 145° 07.5′ E
14° 12.0′ N 145° 15.2′ E

Legend "Submarine Operating Area" 13° 21.0′ N 144° 23.7′ E
Legend "Submarine Operating Area" 13° 19.0′ N 145° 03.7′ E
Legend "Submarine Operating Area" 14° 10.6′ N 145° 03.7′ E

Add Note
"NOTE C
Submerged submarine operations are conducted at various times in the waters contained on this chart. Proceed with caution." 18° 16.6′ N 147° 06.1′ E
(NOS)

81004 5Ed. 8/08 LAST NM 30/12 29/13
Add Depth 1618 meters "Rep (2009)" enclosed by dotted-line circle centered [I3.2] 12° 34.1′ N 141° 02.9′ E
(NTM0015/2013)

★81004 5Ed. 8/08 LAST NM 29/13 41/13
Substitute Depth 165 fathoms for 51 fathoms and delete enclosing depth contour (100-fathom) 16° 58.7′ N 145° 43.0′ E
(NTM0008/2013)

81004 5Ed. 8/08 LAST NM 41/13 5/14
Delete Depth 94 fathoms "Rep (1961)" and enclosing approximate depth contour (100-fathom) in vicinity 16° 35.4′ N 145° 47.0′ E
Depth 12 fathoms "Rep (1945)" and enclosing depth contour (50-fathom) in vicinity 16° 49.1′ N 145° 46.5′ E
Depth 31 fathoms and enclosing approximate depth contour (50-fathom) in vicinity 16° 47.0′ N 145° 45.7′ E

Substitute Depth 94 fathoms for 38 fathoms 15° 18.3′ N 145° 26.2′ E

Add Depth 164 fathoms 16° 35.3′ N 145° 47.5′ E
Depth 64 fathoms and enclosing depth contour (100-fathom) centered 16° 41.9′ N 145° 48.5′ E
(NTM0001/2014)

★81007 5Ed. 3/17/90 NEW EDITION 22/90
Add R Bn (AERO) 8° 43.8′ N 167° 43.6′ E
(DMAHTC; BA RA)

81007 5Ed. 3/17/90 LAST NM 22/90 2/98
Add R Bn (AERO) 7° 04.1′ N 171° 17.0′ E
(GIMM068/97)

★81007 5Ed. 3/17/90 LAST NM 2/98 46/08
Add Depth 896 meters 12° 10.6′ N 168° 53.3′ E
Depth 1097 meters 12° 05.0′ N 168° 49.9′ E
Depth 1097 meters 12° 12.1′ N 168° 46.6′ E
Depth 1097 meters 12° 14.8′ N 168° 50.8′ E
Depth 1097 meters 12° 11.5′ N 168° 57.2′ E
(NTM0026/2007)

★81012 3Ed. 6/8/91 NEW EDITION 29/91
(DMAHTC)

81012 3Ed. 6/8/91 LAST NM 29/91 49/91
Delete Depth 417 meters 4° 29.5′ N 170° 30.0′ E
(MCC1146/91)

81012 3Ed. 6/8/91 LAST NM 49/91 3/93
Add Depth 13 meters "Rep (1991)" 1° 04.7′ N 170° 30.7′ E
(MCC1226/93)

81012 3Ed. 6/8/91 LAST NM 3/93 6/94
Delete R Bn (AERO) 1° 23′ N 173° 09′ E
Light 1° 38′ N 172° 58′ E
(MCC1262/93)

81012 3Ed. 6/8/91 LAST NM 6/94 25/96
Add R Bn (AERO) 1° 23.4′ N 173° 09.0′ E
(BA CH 700; BA RA)

★81012 3Ed. 6/8/91 LAST NM 25/96 46/09
Add "Depths to 534m rep (2009)" area bound by dashed-line circle, radius 8 miles, centered 4° 13.0′ N 172° 58.0′ E
"Depths to 600m rep (2009)" area bound by dashed-line circle, radius 5 miles, centered 4° 45.0′ N 172° 31.0′ E
(NTM0011/2009)

★81012 3Ed. 6/8/91 LAST NM 46/09 22/12
Delete "Depths to 534m rep (2009)" area centered 4° 13.0′ N 172° 58.0′ E
"Depths to 600m rep (2009)" area centered 4° 45.0′ N 172° 31.0′ E
Add Depth 1272 meters 4° 14.1′ N 172° 58.9′ E
Depth 1137 meters 4° 43.0′ N 172° 29.9′ E
and extend depth contour (2000-meter) N to enclose
Depth 1267 meters 4° 29.3′ N 172° 29.9′ E
Depth 1532 meters 4° 16.0′ N 172° 26.0′ E
and extend depth contour (2000-meter) W to enclose above depths (2)
(NTM0004/2012)

81012 3Ed. 6/8/91 LAST NM 22/12 31/13
Add Depth 2125 meters "Rep (2012)" enclosed by dotted-line circle centered [I3.2] 2° 29.0′ N 172° 53.4′ E
(NTM0015/2013)

★81016 1Ed. 4/1/25 NEW CHART 18/25
(USHO)

81016 1Ed. 4/1/25 LAST NM 18/25 18/72
Add R Bn (AERO) 6° 57.5′ N 158° 12.8′ E
(Fr CH 1016)

★81016 1Ed. 4/1/25 LAST NM 18/72 32/74
Add Light Fl 6M 6° 59.9′ N 158° 10.6′ E
(21/74 CG14)

81016 1Ed. 4/1/25 LAST NM 32/74 48/84
Add Position circles each "(Float)" Ra Ref
"Payao No 1" 6° 52.8′ N 158° 03.0′ E
"Payao No 2" 7° 08.1′ N 158° 19.0′ E
"Payao No 3" 7° 05.1′ N 158° 02.8′ E
"Payao No 4" 6° 57.1′ N 158° 27.7′ E
"Payao No 5" 6° 46.1′ N 158° 26.1′ E
"Payao No 6" 6° 40.6′ N 158° 13.2′ E
"Payao No 7" 6° 40.6′ N 158° 03.3′ E
Position circles "(Float)" 7° 05.5′ N 158° 12.5′ E
6° 51.4′ N 158° 03.0′ E
6° 51.0′ N 158° 03.0′ E
(NVS7353/84)

81016 1Ed. 4/1/25 LAST NM 48/84 51/84
Delete Position circle "(Float)" 6° 51.0′ N 158° 03.0′ E
(See 48/84-81016)
Add Position circles "(Float)" (PA) 6° 59.7′ N 158° 02.9′ E
7° 03.4′ N 158° 20.3′ E
(NVS7353/84)

81016 1Ed. 4/1/25 LAST NM 51/84 39/88
Delete Light 6° 59.9′ N 158° 10.6′ E
Add Light "2" Fl R 4M 6° 59.9′ N 158° 10.8′ E
(33/88 CG14)

81016 1Ed. 4/1/25 LAST NM 39/88 43/88
Add Depths
300 fathoms 5° 54.0′ N 158° 13.0′ E
1070 fathoms 7° 10.0′ N 158° 26.0′ E
(MCNM8152/88)

81016 1Ed. 4/1/25 LAST NM 43/88 44/89
Delete R Bn 11° 21.1′ N 162° 21.8′ E
(MCNM3752/74)

81016 1Ed. 4/1/25 LAST NM 44/89 41/95
Delete R Bn (AERO) 6° 57.5′ N 158° 12.8′ E
(BA RA)

★81016 1Ed. 4/1/25 LAST NM 41/95 49/05
Add Dashed-line circle "Discolored water Rep" [Ke] 10° 07.1′ N 162° 51.7′ E
(NTM0037/2005)

★81016 1Ed. 4/1/25 LAST NM 49/05 46/08
Add Depth 771 fathoms 11° 40.5′ N 161° 37.9′ E
Depth 784 fathoms 11° 39.5′ N 161° 39.8′ E
Depth 800 fathoms 11° 38.7′ N 161° 36.9′ E
Depth 773 fathoms 11° 42.2′ N 161° 33.4′ E
(NTM0026/2007)

81016 1Ed. 4/1/25 LAST NM 46/08 33/11
Delete Position circle "Payao No 2" 7° 08.1′ N 158° 19.0′ E
Position circle "Payao No 3" 7° 05.1′ N 158° 02.8′ E
Position circle "(Float)" 7° 05.5′ N 158° 12.5′ E
Position circle "(Float)" 6° 59.7′ N 158° 02.9′ E
Position circle "(Float)" 7° 03.4′ N 158° 20.3′ E
(NTM0004/2011)

81016 1Ed. 4/1/25 LAST NM 33/11 31/13
Add Depth 1242 fathoms "Rep (2012)" enclosed by dotted-line circle centered [I3.2] 8° 17.8′ N 159° 50.6′ E
(NTM0015/2013)

★81019 4Ed. 3/3/90 NEW EDITION 22/90
(DMAHTC)

81019 4Ed. 3/3/90 LAST NM 22/90 49/05
Add Dashed-line circle "Discolored water Rep" [Ke] 10° 07.1′ N 162° 51.7′ E
(NTM0037/2005)

81019 4Ed. 3/3/90 LAST NM 49/05 46/08
Add Depth 1741 meters 11° 41.0′ N 161° 41.0′ E
Depth 1410 meters 11° 40.5′ N 161° 37.9′ E
Depth 1413 meters 11° 42.2′ N 161° 33.4′ E
(NTM0026/2007)

★81019 4Ed. 3/3/90 LAST NM 46/08 49/12
Add Depth 1557 meters 8° 04.8′ N 154° 59.6′ E
(NTM0005/2012)

81019 4Ed. 3/3/90 LAST NM 49/12 31/13
Add Depth 2271 meters "Rep (2012)" enclosed by dotted-line circle centered [I3.2] 8° 17.8′ N 159° 50.6′ E
(NTM0015/2013)

★81023 5Ed. 8/12/89 NEW EDITION 42/89
(DMAHTC)

81023 5Ed. 8/12/89 LAST NM 42/89 12/90
Delete Legend "CONTINUED ON 81005" 11° 59.0′ N 146° 25.0′ E
(MCNM1000/90)

81023 5Ed. 8/12/89 LAST NM 12/90 1/93
Add Depths
20 meters 8° 03.4′ N 147° 45.9′ E
31 meters 8° 05.3′ N 147° 45.2′ E
(14(1059)92 Taunton)

★81023 5Ed. 8/12/89 LAST NM 1/93 34/93
Delete Islet and enclosing dotted-line circle 8° 34.0′ N 151° 21.5′ E
Add Islet and blue tint area enclosed by dotted-line circle 8° 33′ N 151° 20′ E
(MCC1268/93)

81023 5Ed. 8/12/89 LAST NM 34/93 41/95
Delete R Bn (AERO) 7° 27.2′ N 151° 50.3′ E
(BA RA)

81023 5Ed. 8/12/89 LAST NM 41/95 10/96
Add Depth
30 meters 8° 24.8′ N 148° 12.5′ E
16 meters 8° 03.4′ N 148° 33.8′ E
(3(201)96 Taunton)

81023 5Ed. 8/12/89 LAST NM 10/96 46/96
Delete Depth
684 meters 6° 04′ N 147° 47′ E
795 meters 6° 01′ N 147° 46′ E
1136 meters 5° 51′ N 147° 38′ E
1289 meters 5° 46′ N 147° 34′ E
1467 meters 5° 39′ N 147° 25′ E
1476 meters 5° 31′ N 147° 25′ E
1478 meters 5° 24′ N 147° 24′ E
1384 meters 5° 17′ N 147° 24′ E
(GIMM047/96)

81023 5Ed. 8/12/89 LAST NM 46/96 18/02
Add Depth 575 meters 6° 53.0′ N 144° 49.0′ E
(6(59)02 Wellington)

★81023 5Ed. 8/12/89 LAST NM 18/02 6/05
Add Danger circle [K40] "Obstn Rep (2005)" (PA)
7° 44.7′ N 147° 11.6′ E

Danger circle "Obstn (Seamount)
(auth min depth 15m)" radius 1 mile [K40],
centered 7° 45.1′ N 147° 12.6′ E

Depth 983 meters 8° 02.0′ N 145° 29.0′ E
Depth 1232 meters 5° 26.0′ N 148° 22.0′ E
(NTM0003/2005; BA CH 762)

81023 5Ed. 8/12/89 LAST NM 6/05 9/06
Add Danger circle "Obstn" [K40] 7° 33.5′ N 148° 01.0′ E
Danger circle "Obstn" [K40] 7° 43.6′ N 148° 22.4′ E
Danger circle "Obstn" [K40] 8° 18.6′ N 148° 07.8′ E
Danger circle "Obstn" [K40] 8° 19.6′ N 148° 08.7′ E
Danger circle "Obstn" [K40] 8° 20.4′ N 148° 09.2′ E
Danger circle "Obstn" [K40] 8° 05.6′ N 148° 00.2′ E
(NTM0009/2006)

★81023 5Ed. 8/12/89 LAST NM 9/06 14/06
Add Danger circle "Obstn" [K40] 8° 16.9′ N 145° 07.6′ E

Danger area "Obstn" [K40] with blue tint
bound by dotted line joining 8° 28.7′ N 145° 37.0′ E
8° 27.0′ N 145° 46.4′ E
8° 22.5′ N 145° 41.6′ E
8° 25.2′ N 145° 39.7′ E
8° 25.2′ N 145° 37.0′ E

Danger circle "Obstn" [K40] 7° 17.3′ N 145° 43.6′ E

Danger area "Obstn" [K40] with blue tint
bound by dotted line joining 8° 24.0′ N 148° 10.0′ E
8° 34.0′ N 148° 32.0′ E
8° 26.9′ N 148° 29.3′ E
8° 22.8′ N 148° 23.3′ E

Danger circle "Obstn" [K40] 8° 19.1′ N 148° 40.5′ E
(NTM0009/2006)

81023 5Ed. 8/12/89 LAST NM 14/06 41/07
Delete Depth 31 meters "Rep (1975)" 8° 27.0′ N 145° 50.0′ E
Depth contour (200-meter) in vicinity
8° 25.1′ N 145° 36.0′ E

Substitute Depth 521 meters for 215 meters 8° 25.1′ N 145° 36.0′ E

Add Legend "PD" to depth 82 meters "Rep (1958)"
8° 20.5′ N 145° 36.2′ E
(NTM0023/2007)

★81023 5Ed. 8/12/89 LAST NM 41/07 13/08
Add Dashed-line circle [Ke] "Discolored water Rep
(2008)" 8° 26.2′ N 145° 51.1′ E
(NTM0007/2008)

★81023 5Ed. 8/12/89 LAST NM 13/08 17/08
Delete Danger circle "Obstn (Seamount)
(auth min depth 15m)" 7° 45.1′ N 147° 12.6′ E

Add Depth 526 meters 7° 47.8′ N 148° 10.0′ E

Depth 16.2 meters 7° 27.5′ N 148° 03.9′ E
and extend blue tint and depth contour
(20-meter) S to enclose

Depth 320 meters 7° 37.2′ N 148° 00.2′ E
Depth 464 meters 7° 29.4′ N 147° 24.0′ E
Depth 322 meters 7° 18.4′ N 146° 52.6′ E

Depth 11.3 meters, blue tint and enclosing
depth contour (20-meter) centered 7° 45.0′ N 147° 12.6′ E

Depth 200 meters 7° 47.6′ N 147° 04.4′ E
(NTM0014/2008)

81023 5Ed. 8/12/89 LAST NM 17/08 24/08
Add Depth 345 meters 7° 14.5′ N 147° 45.2′ E
Depth 593 meters 8° 24.5′ N 147° 54.3′ E
Depth 275 meters 8° 21.0′ N 147° 50.1′ E
Depth 392 meters 8° 18.2′ N 147° 48.5′ E
Depth 526 meters 8° 22.0′ N 147° 51.4′ E
(NTM0026/2007)

★81023 5Ed. 8/12/89 LAST NM 24/08 38/08
Add Depth 32 meters 8° 22.8′ N 145° 40.9′ E
Depth 35 meters 8° 28.0′ N 145° 38.2′ E
(NTM0026/2007)

81023 5Ed. 8/12/89 LAST NM 38/08 1/11
Add Depth 115 meters enclosed by depth contour
(1000-meter) centered 8° 27.4′ N 145° 25.2′ E
(UKHO ARCS 762-0)

★81025 3Ed. 6/27/04 NEW EDITION N38/04
(NGA)

81025 3Ed. 6/27/04 LAST NM N38/04 N26/05
Add Legend "Shoal depths Rep (1972)" 13° 43.5′ N 144° 52.4′ E
(US CH 81048)

81025 3Ed. 6/27/04 LAST NM N26/05 N34/05
Add Depth 211 meters "Rep" [I4] 12° 37.0′ N 145° 31.0′ E
Depth 437 meters "Rep" [I4] 13° 41.0′ N 145° 30.0′ E
Depth 428 meters "Rep" [I4] 15° 00.0′ N 144° 17.3′ E
(BA CH 764)

★81025 3Ed. 6/5/04 LAST NM N34/05 N45/05
Add Depth 428 meters "Rep" 15° 00.0′ N 144° 17.3′ E
Legend shoal depths "Rep (1972)" 13° 47.6′ N 145° 00.0′ E
(NTM0023/2005)

81025 3Ed. 6/5/04 LAST NM N45/05 N4/06
Delete Depth 437 meters "Rep" 13° 41.0′ N 145° 30.0′ E
(See 34/05-81025)

Substitute Depth 565 meters for 4353 meters 15° 38.0′ N 148° 31.0′ E
(NTM0007/2006; BA CH 764)

81025 3Ed. 6/5/04 LAST NM N4/06 N20/06
Delete Depth 211 meters "Rep" 12° 37.0′ N 145° 31.0′ E

Add Depth 437 meters 13° 41.0′ N 145° 30.0′ E
Depth 677 meters 12° 28.0′ N 144° 36.2′ E
Depth 211 meters 12° 35.5′ N 145° 33.3′ E
Depth 1355 meters 14° 14.0′ N 145° 24.7′ E
(NTM0024/2006)

81025 3Ed. 6/5/04 LAST NM N20/06 N21/06
Substitute Depth 2399 meters for 3207 meters 13° 24.8′ N 143° 53.6′ E
(NTM0024/2006)

81025 3Ed. 6/5/04 LAST NM N21/06 N13/08
Add Depth 1572 meters "Rep (2007)" [I3.2]
enclosed by depth contour (2000-meter)
13° 20.7′ N 142° 28.3′ E
(NTM0006/2008)

★81025 3Ed. 6/5/04 LAST NM N13/08 N19/08
Substitute Depth 1673 meters for 1761 meters 14° 10.0′ N 142° 34.5′ E

Add Depth 810 meters 14° 13.0′ N 142° 52.0′ E
Depth 1364 meters 13° 55.0′ N 142° 43.7′ E

(continued on next page)

81025 (Continued) 19/08
Depth 1291 meters 13° 56.9′ N 142° 45.5′ E

Depth 1483 meters enclosed by depth contour (2000-meter) centered 14° 00.0′ N 142° 45.4′ E
Depth 342 meters enclosed by depth contour (1000-meter) centered 14° 07.2′ N 142° 47.8′ E
Depth 552 meters enclosed by depth contour (1000-meter) centered 14° 10.3′ N 142° 49.3′ E
Depth 1585meters enclosed by depth contour (2000-meter) centered 14° 26.0′ N 142° 50.0′ E
Depth 1048 meters enclosed by depth contour (2000-meter) centered 14° 35.8′ N 142° 32.5′ E

Depth 2224 meters 14° 32.3′ N 142° 38.0′ E
(NTM0026/2007)

81025 3Ed. 6/5/04 LAST NM N19/08 N20/08
Add Wreck [K29] (PA) 11° 16.0′ N 143° 54.0′ E
Wreck [K29] (PA) 11° 16.0′ N 143° 53.0′ E
(NTM0017/2008)

81025 3Ed. 6/5/04 LAST NM N20/08 N52/08
Add Submarine cable [L30.1] joining 15° 06.9′ N 145° 42.1′ E
15° 05.7′ N 145° 40.4′ E
15° 06.8′ N 145° 38.8′ E
15° 06.3′ N 145° 36.9′ E
15° 03.3′ N 145° 34.7′ E
15° 00.6′ N 145° 34.0′ E
14° 58.3′ N 145° 34.2′ E
14° 57.9′ N 145° 35.1′ E
14° 58.5′ N 145° 36.7′ E
14° 57.7′ N 145° 35.4′ E
14° 56.3′ N 145° 33.0′ E
14° 53.8′ N 145° 29.4′ E
14° 47.2′ N 145° 24.4′ E
14° 42.7′ N 145° 23.6′ E
14° 38.5′ N 145° 24.4′ E
14° 36.4′ N 145° 24.8′ E
14° 29.6′ N 145° 21.0′ E
14° 23.0′ N 145° 20.5′ E
14° 20.9′ N 145° 19.9′ E
14° 14.7′ N 145° 15.5′ E
14° 11.6′ N 145° 11.4′ E
14° 11.3′ N 145° 11.1′ E
14° 10.9′ N 145° 11.1′ E
14° 10.3′ N 145° 11.3′ E
14° 10.6′ N 145° 11.2′ E
14° 10.2′ N 145° 08.6′ E
14° 09.6′ N 145° 07.8′ E
14° 07.6′ N 145° 06.5′ E
14° 03.4′ N 145° 05.4′ E
13° 51.1′ N 144° 45.6′ E
13° 46.1′ N 144° 42.5′ E
13° 35.6′ N 144° 43.9′ E
13° 32.7′ N 144° 48.6′ E

Submarine cable [L30.1] joining 13° 50.1′ N 144° 52.2′ E
13° 47.9′ N 144° 51.1′ E
13° 45.6′ N 144° 50.3′ E
13° 38.0′ N 144° 47.9′ E
13° 33.5′ N 144° 47.8′ E
(NOS)

81025 3Ed. 6/5/04 LAST NM N52/08 N37/09
Add Wreck [K29] 14° 55.1′ N 147° 48.4′ E
(NTM0028/2009)

81025 3Ed. 6/5/04 LAST NM N37/09 N38/09
Substitute Depth 11.7 meters "Shoal rep (2009)" for 14.6 meters "Rep (1945)" 16° 30.4′ N 143° 09.0′ E
(NTM0003/2009)

81025 3Ed. 6/5/04 LAST NM N38/09 N47/09
Delete Depth 693 meters and enclosing depth contour (1000-meter) 16° 47.1′ N 146° 09.2′ E
Depth 415 meters and enclosing depth contour (1000-meter) 16° 43.0′ N 145° 56.2′ E

Depth 585 meters 16° 32.1′ N 146° 07.2′ E

Depth 475 meters and enclosing depth contour (1000-meter) 15° 10.1′ N 145° 26.6′ E

Depth 106 meters 12° 36.4′ N 144° 21.1′ E

Add Depth 545 meters enclosed by broken depth contour 12° 34.1′ N 145° 35.1′ E
(US CH 81004, 81060)

81025 3Ed. 6/5/04 LAST NM N47/09 N10/10
Add Depth 1775 meters enclosed by depth contour (2000-meter) centered 12° 50.9′ N 143° 50.5′ E
(NTM0003/2010)

81025 3Ed. 6/5/04 LAST NM N10/10 N18/10
Substitute Depth 1312 meters for 1358 meters 13° 15.2′ N 144° 01.5′ E
(NTM0001/2010)

81025 3Ed. 6/5/04 LAST NM N18/10 N1/11
Delete Depth 565 meters and enclosing depth contour (1000-meter) centered 10° 26.0′ N 140° 08.7′ E

Add Depth 28 meters 10° 29.3′ N 140° 06.8′ E
Depth 26 meters 10° 27.6′ N 140° 07.3′ E
Depth 30 meters 10° 25.8′ N 140° 08.0′ E
and enclose above depths (3) with blue tint and depth contour (200-meter)
(NTM0023/2010)

81025 3Ed. 6/5/04 LAST NM N1/11 N5/11
Add Depth 1196 meters "Rep (2010)" 13° 23.8′ N 143° 55.1′ E
(NTM0021/2010)

81025 3Ed. 6/5/04 LAST NM N5/11 N51/11
Add Wreck [K29] 11° 19.2′ N 143° 40.6′ E
(NTM0019/2011)

81025 3Ed. 6/5/04 LAST NM N51/11 N12/12
Delete Depth 1174 meters 14° 36.0′ N 144° 46.0′ E

Add Depth 524 meters enclosed by depth contour (1000-meter) centered 14° 36.1′ N 144° 46.6′ E
(NTM0008/2012)

81025 3Ed. 6/5/04 LAST NM N12/12 N48/12
Delete Depth 2701 meters and enclosing depth contour (4000-meter) centered 13° 24.0′ N 140° 40.0′ E

Add Depth 1951 meters enclosed by depth contour (2000-meter) centered 13° 22.4′ N 140° 39.8′ E
(NTM0008/2012)

81025 3Ed. 6/5/04 LAST NM N48/12 N32/13
Delete Buoy "A" 13° 21.2′ N 144° 47.2′ E
(47/10 CG14)

81025 3Ed. 6/5/04 LAST NM N32/13 N41/13
Substitute Depth 303 meters for 93 meters and blue tint 16° 58.7′ N 145° 43.0′ E
(NTM0008/2013)

81025 3Ed. 6/5/04 LAST NM N41/13 N5/14
Delete Depth 172 meters "Rep (1961)", blue tint and enclosing depth contour (200-meter) in vicinity 16° 35.4′ N 145° 47.0′ E

Depth 22 meters 16° 48.7′ N 145° 46.7′ E
Depth 56 meters 16° 46.0′ N 145° 46.2′ E
Blue tint and depth contour (200-meter) enclosing above depths (2) 16° 48.7′ N 145° 46.7′ E

Legend "Rep (1945)" 16° 49.1′ N 145° 41.0′ E

Substitute Depth 173 meters for 77 meters 15° 18.3′ N 145° 26.2′ E

Add Depth 300 meters 16° 35.3′ N 145° 47.5′ E
(NTM0001/2014)

★81030 5Ed. 7/4/98 NEW EDITION 38/98
(NIMA)

★81048 10Ed. 2/06 NEW EDITION 15/06
(NOS)

81048 10Ed. 2/06 LAST NM 15/06 21/06
Add Depth 1485 fathoms 13° 34′ 48″N 144° 26′ 12″E
(NTM0024/2006)

★81048 10Ed. 2/06 LAST NM 21/06 32/08
Delete Buoy "B" 13° 12′ 00″N 144° 41′ 42″E
Buoy "C" 13° 15′ 06″N 144° 28′ 42″E
Buoy "D" 13° 17′ 00″N 144° 37′ 00″E
Buoy "E" 13° 19′ 36″N 144° 33′ 18″E
Buoy "F" 13° 20′ 24″N 144° 36′ 30″E
Buoy "G" 13° 23′ 18″N 144° 33′ 54″E
Buoy "H" 13° 32′ 12″N 144° 43′ 06″E
Buoy "K" 13° 39′ 54″N 144° 46′ 06″E
Buoy "L" 13° 43′ 18″N 144° 43′ 18″E
Buoy "M" 13° 44′ 42″N 144° 48′ 24″E
Buoy "N" 13° 43′ 30″N 144° 40′ 48″E
Buoy "P" 13° 42′ 36″N 145° 01′ 36″E
Buoy "R" 13° 35′ 48″N 144° 40′ 24″E
(21/08 CG14)

81048 10Ed. 2/06 LAST NM 32/08 37/08
Add Submarine cable [L30.1] joining
13° 50′ 04″N 144° 52′ 10″E
13° 47′ 52″N 144° 51′ 03″E
13° 45′ 36″N 144° 50′ 18″E
13° 44′ 30″N 144° 49′ 46″E
13° 38′ 01″N 144° 47′ 56″E
13° 34′ 36″N 144° 47′ 32″E
13° 33′ 28″N 144° 47′ 45″E
13° 32′ 43″N 144° 48′ 34″E
(NOS)

★81048 10Ed. 2/06 LAST NM 37/08 42/08
Change Designation of FAD buoy "J" to "2"
13° 35′ 36″N 144° 45′ 36″E
(39/08 CG14)

★81048 10Ed. 2/06 LAST NM 42/08 43/08
Add Buoy (FAD) "Cocos" Y, Fl Y 60s (Priv)
13° 12′ 00″N 144° 41′ 42″E
Buoy (FAD) "FACPI 2" Y, Fl Y 60s (Priv)
13° 19′ 36″N 144° 33′ 18″E
Buoy (FAD) "FACPI" Y, Fl Y 60s (Priv)
13° 20′ 24″N 144° 36′ 30″E
Buoy (FAD) "Ledge" Y, Fl Y 60s (Priv)
13° 35′ 48″N 144° 40′ 24″E
Buoy (FAD) "1" Y, Fl Y 60s (Priv)
13° 32′ 12″N 144° 43′ 06″E
Buoy (FAD) "Old NOAA" Y, Fl Y 60s (Priv)
13° 43′ 30″N 144° 40′ 48″E
(40/08 CG14)

★81048 10Ed. 2/06 LAST NM 43/08 47/08
Add Depth 6¼ fathoms Rk [K14.2] 13° 26′ 53″N 144° 37′ 04″E
(NOS)

★81048 10Ed. 2/06 LAST NM 47/08 20/09
Add Dashed line symbol "Platform (Ruins)" [KL]
13° 23′ 31″N 144° 46′ 31″E
(16/09 CG14)

★81048 10Ed. 2/06 LAST NM 20/09 36/09
Add Submarine pipeline (sewer) [L41.1] between
13° 32′ 55″N 144° 48′ 39″E
13° 33′ 07″N 144° 48′ 37″E

Submarine pipeline [L41.1] with legend
"Sewer" joining 13° 32′ 53″N 144° 48′ 39″E
13° 33′ 05″N 144° 48′ 26″E
13° 33′ 09″N 144° 48′ 27″E

Submarine pipeline (sewer) [L41.1] between
13° 28′ 53″N 144° 44′ 53″E
13° 29′ 13″N 144° 44′ 54″E
(NOS)

★81048 10Ed. 2/06 LAST NM 36/09 52/09
(Inset)
Delete Buoy "3" 13° 15′ 49.0″N 144° 40′ 03.0″E
Buoy "4" 13° 15′ 33.0″N 144° 40′ 01.0″E
Buoy "5" 13° 15′ 42.0″N 144° 39′ 56.0″E
(47/09 CG14)

★81048 10Ed. 2/06 LAST NM 52/09 1/11
Delete Buoy "A" 13° 21′ 15″N 144° 47′ 20″E

Add Buoy "9 Mile" Y, Fl Y 4s (Priv) with legend
"(FAD)" 13° 15′ 06″N 144° 28′ 42″E
Buoy "Agat" Y, Fl Y 4s (Priv) with legend
"(FAD)" 13° 23′ 18″N 144° 33′ 54″E
Buoy "3" Y, Fl Y 4s (Priv) with legend
"(FAD)" 13° 39′ 54″N 144° 46′ 06″E
Buoy "4" Y, Fl Y 4s (Priv) with legend
"(FAD)" 13° 43′ 18″N 144° 43′ 18″E
Buoy "5" Y, Fl Y 4s (Priv) with legend
"(FAD)" 13° 44′ 42″N 144° 48′ 24″E
Buoy "6" Y, Fl Y 4s (Priv) with legend
"(FAD)" 13° 42′ 36″N 145° 01′ 36″E
Buoy "Umatac" Y, Fl Y 4s (Priv) with legend
"(FAD)" 13° 17′ 00″N 144° 37′ 00″E
(47/10 CG14)

★81048 10Ed. 2/06 LAST NM 1/11 7/11
Add "Disposal Area, Depths from surveys of 1944-1945" [Nd] bound by dashed-line circle, radius 1.5 miles, centered 13° 35′ 30″N 144° 28′ 44″E
(NOS)

★81048 10Ed. 2/06 LAST NM 7/11 30/12
Delete Purple solid line (submarine operating area limit) between 13° 26′ 46″N 144° 36′ 03″E
13° 39′ 15″N 144° 51′ 44″E

Purple solid line (submarine operating area limit) between 13° 16′ 20″N 144° 45′ 13″E
13° 10′ 06″N 144° 45′ 13″E

Legend "SUBMERGED SUBMARINE OPERATING AREA (SS-2) (see note B)"
13° 12′ 19″N 144° 41′ 49″E
Legend "SUBMERGED SUBMARINE OPERATING AREA (SS-2) (see note B)"
13° 18′ 32″N 144° 32′ 10″E
Legend "SUBMERGED SUBMARINE OPERATING AREA (SS-2) (see note B)"
13° 25′ 00″N 144° 54′ 45″E

Change Note to
"NOTE B
Submerged submarine operations are conducted at various times in the waters contained on this chart. Proceed with caution."
12° 55′ 35″N 144° 54′ 19″E

(Inset)
Delete Legend "SUBMERGED SUBMARINE OPERATING AREA (SS-2) (see note B)"
13° 13′ 42.0″N 144° 40′ 57.0″E
(NOS)

★81048 10Ed. 2/06 LAST NM 30/12 51/12
Add Buoy "196" (waverider) Y, Fl Y 4s
13° 41′ 00″N 144° 48′ 45″E
(44/12 CG14)

81048 10Ed. 2/06 LAST NM 51/12 6/13
Change Characteristic of range light, front to QG
13° 27′ 23″N 144° 39′ 59″E
Range light, rear to Iso G 6s 81ft
13° 27′ 25″N 144° 40′ 20″E
(45/12, 3/13 CG14)

★81054 16Ed. 9/08 NEW EDITION 49/08
(NOS)

★81054 16Ed. 9/08 LAST NM 49/08 7/09
Change Legend to "20 FT 2008" 13° 26′ 20.1″N 144° 39′ 51.2″E
(NOS)

★81054 16Ed. 9/08 LAST NM 7/09 52/12
Change Height of range light, rear to 81ft
13° 27′ 25.4″N 144° 40′ 20.3″E
(45/12 CG14)

★81054 16Ed. 9/08 LAST NM 52/12 6/13
Change Characteristic of range light, front to QG
13° 27′ 23.3″N 144° 39′ 59.3″E
Characteristic of range light, rear to Iso G 6s
13° 27′ 25.4″N 144° 40′ 20.3″E
(See 52/12-81054)
(3/13 CG14)

★81059 1Ed. 3/12/05 NEW CHART N23/05
Delete Light from buoy "P" 13° 42.6′ N 145° 01.4′ E

(continued on next page)

81059 (Continued) 23/05
Change Characteristic of buoy "A" to IQ Y (Priv)
13° 21.2′ N 144° 47.2′ E
(NGA; 12, 49/04 CG14)

81059 1Ed. 3/12/05 LAST NM N23/05 N26/05
Delete Legend "Shoal depths Rep (1972)" 13° 49.0′ N 144° 55.5′ E

Add Legend "Shoal depths Rep (1972)" 13° 43.5′ N 144° 52.4′ E
Legend "Shoal depths Rep (1972)" 13° 47.2′ N 144° 59.1′ E
(US CH 81048)

81059 1Ed. 3/12/05 LAST NM N26/05 N31/05
Delete Depth 87 meters, blue tint and enclosing
depth contour in vicinity 13° 21.5′ N 144° 56.8′ E
(NTM0028/2005)

81059 1Ed. 3/12/05 LAST NM N31/05 N34/05
Add Depth 437 meters "Rep" [I4] 13° 41.0′ N 145° 30.0′ E
Depth 428 meters "Rep" [I4] 15° 00.0′ N 144° 17.3′ E
(BA CH 764)

81059 1Ed. 3/12/05 LAST NM N34/05 N4/06
Delete Depth 437 meters "Rep" 13° 41.0′ N 145° 30.0′ E
(See 34/05-81059)
(NTM0007/2006)

81059 1Ed. 3/12/05 LAST NM N4/06 N12/06
Add Depth 667 meters "Rep (2006)" 14° 04.9′ N 144° 51.1′ E
(NTM0018/2006)

81059 1Ed. 3/12/05 LAST NM N12/06 N35/07
Delete Depth 23.9 meters, blue tint and enclosing
depth contour in vicinity 12° 53.3′ N 146° 05.7′ E

Depth 48 meters 12° 49.3′ N 146° 07.8′ E

Depth 157 meters, blue tint and enclosing
depth contour in vicinity 12° 49.8′ N 146° 07.4′ E

Depth 326 meters 12° 53.5′ N 146° 03.6′ E

Depth 621 meters and enclosing depth contour
in vicinity 12° 51.7′ N 146° 05.5′ E
(MCC1268/93)

81059 1Ed. 3/12/05 LAST NM N35/07 N46/07
Delete Buoy 15° 17.3′ N 145° 41.5′ E

Add Buoy "AA" Y, pillar, Fl 4s (Priv) with legend
"(FAD)" 15° 21.6′ N 145° 50.1′ E
Buoy "BB" Y, pillar, Fl 4s (Priv) with legend
"(FAD)" 15° 05.4′ N 145° 45.8′ E
Buoy "CC" Y, pillar, Fl 4s (Priv) with legend
"(FAD)" 14° 59.5′ N 145° 43.8′ E
Buoy "FF" Y, pillar, Fl 4s (Priv) with legend
"(FAD)" 14° 59.9′ N 145° 27.7′ E
Buoy "GG" Y, pillar, Fl 4s (Priv) with legend
"(FAD)" 15° 04.6′ N 145° 32.9′ E
Buoy "HH" Y, pillar, Fl 4s (Priv) with legend
"(FAD)" 15° 09.8′ N 145° 28.2′ E
Buoy "II" Y, pillar, Fl 4s (Priv) with legend
"(FAD)" 15° 14.9′ N 145° 29.8′ E
Buoy "JJ" Y, pillar, Fl 4s (Priv) with legend
"(FAD)" 15° 19.3′ N 145° 32.3′ E
Buoy "KK" Y, pillar, Fl 4s (Priv) with legend
"(FAD)" 15° 17.2′ N 145° 41.3′ E
Buoy "LL" Y, pillar, Fl 4s (Priv) with legend
"(FAD)" 15° 20.7′ N 145° 46.0′ E
(32/06 CG14; US CH 81067)

81059 1Ed. 3/12/05 LAST NM N46/07 N32/08
Delete Buoy "B" 13° 12.0′ N 144° 41.7′ E
Buoy "C" 13° 15.1′ N 144° 28.7′ E
Buoy "D" 13° 17.0′ N 144° 37.0′ E
Buoy "E" 13° 19.6′ N 144° 33.3′ E
Buoy "F" 13° 20.4′ N 144° 36.5′ E
Buoy "G" 13° 23.3′ N 144° 33.9′ E
Buoy "H" 13° 32.2′ N 144° 43.1′ E
Buoy "K" 13° 39.9′ N 144° 46.1′ E
Buoy "L" 13° 43.3′ N 144° 43.3′ E
Buoy "M" 13° 44.7′ N 144° 48.4′ E
Buoy "N" 13° 43.5′ N 144° 40.8′ E
Buoy "P" 13° 42.6′ N 145° 01.6′ E
Buoy "R" 13° 35.8′ N 144° 40.4′ E
(21/08 CG14)

81059 1Ed. 3/12/05 LAST NM N32/08 N37/08
Add Submarine cable [L30.1] joining 13° 50.1′ N 144° 52.2′ E
13° 47.9′ N 144° 51.1′ E
13° 45.6′ N 144° 50.3′ E
13° 44.5′ N 144° 49.8′ E
13° 38.0′ N 144° 47.9′ E
13° 34.6′ N 144° 47.5′ E
13° 33.5′ N 144° 47.7′ E
13° 32.7′ N 144° 48.6′ E

Submarine cable [L30.1] joining 14° 58.7′ N 145° 34.1′ E
14° 57.9′ N 145° 35.4′ E
14° 58.5′ N 145° 36.8′ E

Submarine cable [L30.1] joining 14° 58.5′ N 145° 36.8′ E
14° 57.7′ N 145° 35.4′ E
14° 56.9′ N 145° 34.1′ E
(NOS)

81059 1Ed. 3/12/05 LAST NM N37/08 N42/08
Change Designation of FAD buoy "J" to "2"
13° 35.6′ N 144° 45.6′ E
(39/08 CG14)

81059 1Ed. 3/12/05 LAST NM N42/08 N43/08
Add Buoy (FAD) "Cocos" Y, pillar, Fl Y 60s
(Priv) 13° 12.0′ N 144° 41.7′ E
Buoy (FAD) "FACPI 2" Y, pillar, Fl Y 60s
(Priv) 13° 19.6′ N 144° 33.3′ E
Buoy (FAD) "FACPI" Y, pillar, Fl Y 60s
(Priv) 13° 20.4′ N 144° 36.5′ E
Buoy (FAD) "Ledge" Y, pillar, Fl Y 60s
(Priv) 13° 35.8′ N 144° 40.4′ E
Buoy (FAD) "1" Y, pillar, Fl Y 60s
(Priv) 13° 32.2′ N 144° 43.1′ E
Buoy (FAD) "Old NOAA" Y, pillar, Fl Y 60s
(Priv) 13° 43.5′ N 144° 40.8′ E
(40/08 CG14)

81059 1Ed. 3/12/05 LAST NM N43/08 N52/08
Add Submarine cable [L30.1] joining 15° 06.9′ N 145° 42.1′ E
15° 05.7′ N 145° 40.9′ E
15° 05.7′ N 145° 40.1′ E
15° 06.5′ N 145° 39.3′ E
15° 06.8′ N 145° 38.8′ E
15° 06.7′ N 145° 38.1′ E
15° 06.3′ N 145° 36.9′ E
15° 04.5′ N 145° 35.5′ E
15° 03.3′ N 145° 34.7′ E
15° 00.6′ N 145° 34.0′ E
14° 59.2′ N 145° 34.0′ E
14° 58.7′ N 145° 34.2′ E

Submarine cable [L30.1] joining 14° 56.9′ N 145° 34.2′ E
14° 53.8′ N 145° 29.4′ E
14° 47.2′ N 145° 24.4′ E
14° 45.2′ N 145° 23.7′ E
14° 42.7′ N 145° 23.6′ E
14° 38.5′ N 145° 24.4′ E
14° 37.7′ N 145° 24.8′ E
14° 36.4′ N 145° 24.8′ E
14° 29.6′ N 145° 21.0′ E
14° 23.0′ N 145° 20.5′ E
14° 20.9′ N 145° 19.9′ E
14° 14.7′ N 145° 15.5′ E
14° 11.6′ N 145° 11.4′ E
14° 11.3′ N 145° 11.1′ E
14° 10.9′ N 145° 11.1′ E
14° 10.3′ N 145° 11.3′ E
14° 10.6′ N 145° 11.2′ E
14° 10.2′ N 145° 08.6′ E
14° 09.6′ N 145° 07.8′ E
14° 07.6′ N 145° 06.5′ E
14° 03.4′ N 145° 05.4′ E
13° 51.1′ N 144° 45.6′ E
13° 46.1′ N 144° 42.5′ E
13° 35.6′ N 144° 43.9′ E
13° 32.7′ N 144° 48.6′ E
(See N37/08-81059)
(NOS)

81059 1Ed. 3/12/05 LAST NM N52/08 N47/09
Delete Depth 29 meters "Rep (1958)" 12° 43.2′ N 144° 12.1′ E
Depth 106 meters "Rep (1974)" 12° 36.9′ N 144° 20.9′ E
(US CH 81004)

81059 1Ed. 3/12/05 LAST NM N47/09 N18/10
Add Depth 1312 meters 13° 15.2′ N 144° 01.5′ E
(NTM0001/2010)

81059 1Ed. 3/12/05 LAST NM N18/10 N1/11
Delete Buoy "A" 13° 21.2′ N 144° 47.3′ E

Add Buoy "9 Mile" Y, pillar, Fl Y 4s (Priv) with legend "(FAD)" 13° 15.1′ N 144° 28.7′ E
Buoy "Agat" Y, pillar, Fl Y 4s (Priv) with legend "(FAD)" 13° 23.3′ N 144° 33.9′ E
Buoy "3" Y, pillar, Fl Y 4s (Priv) with legend "(FAD)" 13° 39.9′ N 144° 46.1′ E
Buoy "4" Y, pillar, Fl Y 4s (Priv) with legend "(FAD)" 13° 43.3′ N 144° 43.3′ E
Buoy "5" Y, pillar, Fl Y 4s (Priv) with legend "(FAD)" 13° 44.7′ N 144° 48.4′ E
Buoy "6" Y, pillar, Fl Y 4s (Priv) with legend "(FAD)" 13° 42.6′ N 145° 01.6′ E
Buoy "Umatac" Y, pillar, Fl Y 4s (Priv) with legend "(FAD)" 13° 17.0′ N 144° 37.0′ E
(47/10 CG14)

81059 1Ed. 3/12/05 LAST NM N1/11 N7/11
Add "Disposal Area" [Nd] bound by dashed-line circle, radius 1.5 miles, centered 13° 35.5′ N 144° 28.7′ E
(NOS)

81059 1Ed. 3/12/05 LAST NM N7/11 N12/12
Delete Depth 1175 meters 14° 36.2′ N 144° 45.7′ E

Add Depth 524 meters enclosed by depth contour (1000-meter) centered 14° 36.1′ N 144° 46.6′ E
(NTM0008/2012)

81059 1Ed. 3/12/05 LAST NM N12/12 N51/12
Add Buoy "196" (waverider) Y, spherical, Fl Y 4s 13° 41.0′ N 144° 48.8′ E
Buoy "197" (waverider) Y, spherical, Fl Y 4s 15° 16.1′ N 145° 39.7′ E
(44/12 CG14)

81059 1Ed. 3/12/05 LAST NM N51/12 N5/14
Delete Depth 69 meters, blue tint and enclosing depth contour (200-meter) in vicinity 15° 18.7′ N 145° 26.6′ E

Substitute Depth 156 meters for 170 meters 14° 55.1′ N 145° 42.6′ E

Add Depth 173 meters, blue tint and enclosing depth contour (200-meter) centered 15° 18.3′ N 145° 26.2′ E
(NTM0001/2014)

★**81060** 2Ed. 5/8/93 NEW EDITION 30/93
(DMAHTC)

★**81060** 2Ed. 5/8/93 LAST NM 30/93 34/93
Delete Depths
23.9 meters 12° 53.3′ N 146° 05.7′ E
48 meters 12° 49.2′ N 146° 07.8′ E
157 meters 12° 49.8′ N 146° 07.2′ E
326 meters 12° 53.4′ N 146° 03.6′ E
621 meters 12° 51.5′ N 146° 05.5′ E
and enclosing depth contours
(MCC1268/93)

81060 2Ed. 5/8/93 LAST NM 34/93 46/94
Delete Superbuoy ODAS "52009" 13° 43.7′ N 144° 40.2′ E
(39/94 CG14)

81060 2Ed. 5/8/93 LAST NM 46/94 18/95
Change Visibility (range) of light to 15M 13° 26.7′ N 144° 37.3′ E
(3/95 CG14)

81060 2Ed. 5/8/93 LAST NM 18/95 19/95
Delete Depth
134 meters 13° 15.7′ N 144° 19.6′ E
222 meters 13° 47.0′ N 145° 09.3′ E
576 meters 13° 47.5′ N 145° 06.3′ E
(MCC1337/94)

81060 2Ed. 5/8/93 LAST NM 19/95 34/95
Add Buoy (FAD) Y, Fl Y 4s (Priv) 13° 40′ N 144° 46′ E
(29/95 CG14)

81060 2Ed. 5/8/93 LAST NM 34/95 41/95
Add Buoy Y, spherical, Fl Y 4s (Priv) with legend "FAD" 13° 16.3′ N 144° 36.8′ E
13° 15.1′ N 144° 28.7′ E
13° 43.3′ N 144° 43.3′ E
13° 44.7′ N 144° 48.4′ E
(35/95 CG14)

★**81060** 2Ed. 5/8/93 LAST NM 41/95 8/96
Substitute Depth 185 meters "Rep (1995)" for 210 meters 15° 34.3′ N 145° 32.2′ E

Add Legend "Volcanic Activity Rep (1995)" 15° 33.5′ N 145° 32.2′ E
(SMEA016/96)

81060 2Ed. 5/8/93 LAST NM 8/96 36/96
Add Buoy "6" Y, Fl Y 4s (Priv) with legend "FAD" 13° 42.6′ N 145° 01.6′ E
(32/96 CG14)

81060 2Ed. 5/8/93 LAST NM 36/96 46/97
Add Buoy "OLD NOAA" Y, Fl Y 4s (Priv) with legend "(FAD)" 13° 43.5′ N 144° 40.8′ E
(42/97 CG14)

81060 2Ed. 5/8/93 LAST NM 46/97 48/97
Change Period of light to 2.5s 13° 29.0′ N 144° 45.1′ E
(44/97 CG14)

81060 2Ed. 5/8/93 LAST NM 48/97 15/98
Add Light Fl 2.5s 5m 6M 15° 05.9′ N 145° 38.5′ E
(10/98 CG14)

81060 2Ed. 5/8/93 LAST NM 15/98 26/00
Delete Buoy 13° 40.0′ N 144° 46.0′ E

Add Designation "5" to buoy 13° 44.7′ N 144° 48.4′ E
Designation "4" to buoy 13° 43.3′ N 144° 43.3′ E

Buoy "3" Y, Fl Y 4s (Priv) with legend "(FAD)" 13° 39.9′ N 144° 45.1′ E
Buoy "2" Y, Fl Y 4s (Priv) with legend "(FAD)" 13° 35.6′ N 144° 44.8′ E
Buoy "LEDGE" Y, Fl Y 4s (Priv) with legend "(FAD)" 13° 35.8′ N 144° 40.4′ E
(16/00 CG14)

81060 2Ed. 5/8/93 LAST NM 26/00 27/00
Add Buoy "1" Y, Fl Y 4s (Priv) with legend "(FAD)" 13° 32.2′ N 144° 43.1′ E

Buoy Y, Fl Y 4s (priv) with legend "(FAD)" 13° 28.3′ N 144° 33.9′ E
Buoy Y, Fl Y 4s (Priv) with legend "(FAD)" 13° 20.4′ N 144° 36.5′ E
Buoy Y, Fl Y 4s (Priv) with legend "(FAD)" 13° 19.6′ N 144° 33.3′ E
Buoy Y, Fl Y 4s (Priv) with legend "(FAD)" 13° 12.0′ N 144° 41.7′ E
Buoy Y, Fl Y 4s (Priv) with legend "(FAD)" 13° 17.0′ N 144° 37.0′ E
(16/00 CG14)

81060 2Ed. 5/8/93 LAST NM 27/00 43/03
Add Buoy "A" Y, Fl(5) Y 20s 13° 21.3′ N 144° 47.3′ E
(35/03 CG14)

81060 2Ed. 5/8/93 LAST NM 43/03 8/04
Delete Buoy "FAD" 13° 17.0′ N 144° 37.0′ E
(51/03 CG14)

81060 2Ed. 5/8/93 LAST NM 8/04 9/04
Relocate Buoy (FAD) "2" from 13° 35.6′ N 144° 44.8′ E
to 13° 35.6′ N 144° 45.6′ E
and change designation from to "J"
Buoy (FAD) "3" from 13° 39.9′ N 144° 45.1′ E
to 13° 39.9′ N 144° 46.1′ E
and change designation from to "K"
Buoy (FAD) from 13° 28.3′ N 144° 33.8′ E to 13° 23.3′ N 144° 33.9′ E
and add designation "G"

(continued on next page)

81060 (Continued) 9/04
Change Designation of buoy (FAD) "1" to "H" 13° 32.2′ N 144° 43.1′ E
Designation of buoy (FAD) "4" to "L" 13° 43.3′ N 144° 43.3′ E
Designation of buoy (FAD) "5" to "M" 13° 44.7′ N 144° 48.4′ E
Designation of buoy (FAD) "OLD NOAA" to "N" 13° 43.5′ N 144° 40.8′ E
Designation of buoy (FAD) "LEDGE" to "R" 13° 36.0′ N 144° 40.4′ E
Designation of buoy (FAD) "6" to "P" 13° 42.6′ N 145° 01.6′ E
Add Designation "B" to buoy (FAD) 13° 12.0′ N 144° 41.7′ E
Designation "C" to buoy (FAD) 13° 15.1′ N 144° 28.7′ E
Designation "D" to buoy (FAD) 13° 17.0′ N 144° 37.0′ E
Designation "E" to buoy (FAD) 13° 19.8′ N 144° 33.3′ E
Designation "F" to buoy (FAD) 13° 20.4′ N 144° 36.5′ E
(52/03 CG14)

★81060 2Ed. 5/8/93 LAST NM 9/04 11/04
Delete Buoy and legend "(FAD)" 13° 16.3′ N 144° 36.8′ E
Add Buoy "D" Y, Fl Y 4s (Priv) with legend "(FAD)" 13° 17.0′ N 144° 37.0′ E
(See 8, 9/04-81060)
(51, 52/03 CG14)

81060 2Ed. 5/8/93 LAST NM 11/04 17/04
Change Period of buoy (FAD) "B" to 5s 13° 12.0′ N 144° 41.7′ E
Period of buoy (FAD) "C" to 5s 13° 15.1′ N 144° 28.7′ E
Period of buoy (FAD) "D" to 5s 13° 17.0′ N 144° 37.0′ E
Period of buoy (FAD) "E" to 5s 13° 19.6′ N 144° 33.3′ E
Period of buoy (FAD) "F" to 5s 13° 20.4′ N 144° 36.5′ E
Period of buoy (FAD) "G" to 5s 13° 23.3′ N 144° 33.9′ E
Period of buoy (FAD) "H" to 5s 13° 32.2′ N 144° 43.1′ E
Period of buoy (FAD) "J" to 5s 13° 35.6′ N 144° 45.6′ E
Period of buoy (FAD) "K" to 5s 13° 39.9′ N 144° 46.1′ E
Period of buoy (FAD) "L" to 5s 13° 43.3′ N 144° 43.3′ E
Period of buoy (FAD) "M" to 5s 13° 44.7′ N 144° 48.4′ E
Period of buoy (FAD) "N" to 5s 13° 43.5′ N 144° 40.8′ E
Period of buoy (FAD) "P" to 5s 13° 42.6′ N 145° 01.6′ E
Period of buoy (FAD) "R" to 5s 13° 35.8′ N 144° 40.4′ E
(See 9/04-81060)
(10/04 CG14)

81060 2Ed. 5/8/93 LAST NM 17/04 21/04
Change Buoy "P" to Y, can (Priv) with legend "(FAD)" 13° 42.6′ N 145° 01.6′ E
(See 17/04-81060)
(12/04 CG14)

81060 2Ed. 5/8/93 LAST NM 21/04 13/05
Change Buoy to "A" Y, IQ (Priv) 13° 21.3′ N 144° 47.3′ E
(47/04 CG14)

81060 2Ed. 5/8/93 LAST NM 13/05 15/05
Change Characteristic of buoy "A" to IQ Y 13° 21.3′ N 144° 47.3′ E
(See 13/05-81060)
(49/04 CG14)

81060 2Ed. 5/8/93 LAST NM 15/05 20/05
Delete R Bn (AERO) 15° 07′ 45″N 145° 41′ 30″E
(NOS)

81060 2Ed. 5/8/93 LAST NM 20/05 31/05
Delete Depth 87 meters and enclosing depth contour in vicinity 13° 21′ 45″N 144° 56′ 45″E
(NTM0028/2005)

81060 2Ed. 5/8/93 LAST NM 31/05 34/05
Add Legend "Rep" to depth 211 meters 12° 37.0′ N 145° 31.0′ E
Legend "Rep" to depth 437 meters 13° 41.0′ N 145° 30.0′ E
Legend "Rep" to depth 428 meters 15° 00.0′ N 144° 17.3′ E
(BA CH 764)

81060 2Ed. 5/8/93 LAST NM 34/05 4/06
Delete Depth 437 meters "Rep" and enclosing depth contour (1000-meter) centered 13° 41.0′ N 145° 30.0′ E
(See 34/05-81060)
(NTM0007/2006)

★81060 2Ed. 5/8/93 LAST NM 4/06 12/06
Add Depth 667 meters "Rep (2006)" 14° 04.9′ N 144° 51.1′ E
(NTM0018/2006)

81060 2Ed. 5/8/93 LAST NM 12/06 20/06
Delete Depth 878 meters 13° 38′ 08″N 144° 24′ 23″E
Add Depth 853 meters 13° 38′ 06″N 144° 24′ 12″E
(NTM0024/2006)

81060 2Ed. 5/8/93 LAST NM 20/06 46/07
Add Buoy "AA" Y, pillar, Fl 4s (Priv) with legend "(FAD)" 15° 21.6′ N 145° 50.1′ E
Buoy "BB" Y, pillar, Fl 4s (Priv) with legend "(FAD)" 15° 05.4′ N 145° 45.8′ E
Buoy "CC" Y, pillar, Fl 4s (Priv) with legend "(FAD)" 14° 59.5′ N 145° 43.8′ E
Buoy "FF" Y, pillar, Fl 4s (Priv) with legend "(FAD)" 14° 59.9′ N 145° 27.7′ E
Buoy "GG" Y, pillar, Fl 4s (Priv) with legend "(FAD)" 15° 04.6′ N 145° 32.9′ E
Buoy "HH" Y, pillar, Fl 4s (Priv) with legend "(FAD)" 15° 09.8′ N 145° 28.2′ E
Buoy "II" Y, pillar, Fl 4s (Priv) with legend "(FAD)" 15° 14.9′ N 145° 29.8′ E
Buoy "JJ" Y, pillar, Fl 4s (Priv) with legend "(FAD)" 15° 19.3′ N 145° 32.3′ E
Buoy "KK" Y, pillar, Fl 4s (Priv) with legend "(FAD)" 15° 17.2′ N 145° 41.3′ E
Buoy "LL" Y, pillar, Fl 4s (Priv) with legend "(FAD)" 15° 20.7′ N 145° 46.0′ E
(32/06 CG14)

81060 2Ed. 5/8/93 LAST NM 46/07 32/08
Delete Buoy "B" 13° 12.0′ N 144° 41.7′ E
Buoy "C" 13° 15.1′ N 144° 28.7′ E
Buoy "D" 13° 17.0′ N 144° 37.0′ E
Buoy "E" 13° 19.6′ N 144° 33.3′ E
Buoy "F" 13° 20.4′ N 144° 36.5′ E
Buoy "G" 13° 23.3′ N 144° 33.9′ E
Buoy "H" 13° 32.2′ N 144° 43.1′ E
Buoy "K" 13° 39.9′ N 144° 46.1′ E
Buoy "L" 13° 43.3′ N 144° 43.3′ E
Buoy "M" 13° 44.7′ N 144° 48.4′ E
Buoy "N" 13° 43.5′ N 144° 40.8′ E
Buoy "P" 13° 42.6′ N 145° 01.6′ E
Buoy "R" 13° 35.8′ N 144° 40.4′ E
(21/08 CG14)

81060 2Ed. 5/8/93 LAST NM 32/08 37/08
Add Submarine cable [L30.1] joining 13° 50.1′ N 144° 52.2′ E
13° 47.9′ N 144° 51.1′ E
13° 45.6′ N 144° 50.3′ E
13° 44.5′ N 144° 49.8′ E
13° 38.0′ N 144° 47.9′ E
13° 34.6′ N 144° 47.5′ E
13° 33.5′ N 144° 47.7′ E
13° 32.7′ N 144° 48.6′ E
Submarine cable [L30.1] joining 14° 58.7′ N 145° 34.1′ E
14° 57.9′ N 145° 35.4′ E
14° 58.5′ N 145° 36.8′ E
Submarine cable [L30.1] joining 14° 58.5′ N 145° 36.8′ E
14° 57.7′ N 145° 35.4′ E
14° 56.9′ N 145° 34.1′ E
(NOS)

81060 2Ed. 5/8/93 LAST NM 37/08 42/08
Change Designation of FAD buoy "J" to "2" 13° 35.6′ N 144° 45.6′ E
(39/08 CG14)

81060 2Ed. 5/8/93 LAST NM 42/08 43/08
Add Buoy (FAD) "Cocos" Y, pillar, Fl Y 60s (Priv) 13° 12.0′ N 144° 41.7′ E
Buoy (FAD) "FACPI 2" Y, pillar, Fl Y 60s (Priv) 13° 19.6′ N 144° 33.3′ E
Buoy (FAD) "FACPI" Y, pillar, Fl Y 60s (Priv) 13° 20.4′ N 144° 36.5′ E
Buoy (FAD) "Ledge" Y, pillar, Fl Y 60s (Priv) 13° 35.8′ N 144° 40.4′ E
Buoy (FAD) "1" Y, pillar, Fl Y 60s (Priv) 13° 32.2′ N 144° 43.1′ E
Buoy (FAD) "Old NOAA" Y, pillar, Fl Y 60s (Priv) 13° 43.5′ N 144° 40.8′ E
(40/08 CG14)

81060 2Ed. 5/8/93 LAST NM 43/08 47/08
Add Depth 6 1/4 fathoms Rk [K14.2] 13° 26.9′ N 144° 37.1′ E
(NOS)

★81060 2Ed. 5/8/93 LAST NM 47/08 52/08
Add Submarine cable [L30.1] joining 15° 06.9′ N 145° 42.1′ E
15° 05.7′ N 145° 40.9′ E
15° 05.7′ N 145° 40.1′ E
15° 06.5′ N 145° 39.3′ E
15° 06.8′ N 145° 38.8′ E
15° 06.7′ N 145° 38.1′ E
15° 06.3′ N 145° 36.9′ E
15° 04.5′ N 145° 35.5′ E
15° 03.3′ N 145° 34.7′ E
15° 00.6′ N 145° 34.0′ E
14° 59.2′ N 145° 34.0′ E
14° 58.7′ N 145° 34.2′ E

Submarine cable [L30.1] joining 14° 56.9′ N 145° 34.2′ E
14° 53.8′ N 145° 29.4′ E
14° 47.2′ N 145° 24.4′ E
14° 45.2′ N 145° 23.7′ E
14° 42.7′ N 145° 23.6′ E
14° 38.5′ N 145° 24.4′ E
14° 37.7′ N 145° 24.8′ E
14° 36.4′ N 145° 24.8′ E
14° 29.6′ N 145° 21.0′ E
14° 23.0′ N 145° 20.5′ E
14° 20.9′ N 145° 19.9′ E
14° 14.7′ N 145° 15.5′ E
14° 11.6′ N 145° 11.4′ E
14° 11.3′ N 145° 11.1′ E
14° 10.9′ N 145° 11.1′ E
14° 10.3′ N 145° 11.3′ E
14° 10.6′ N 145° 11.2′ E
14° 10.2′ N 145° 08.6′ E
14° 09.6′ N 145° 07.8′ E
14° 07.6′ N 145° 06.5′ E
14° 03.4′ N 145° 05.4′ E
13° 51.1′ N 144° 45.6′ E
13° 46.1′ N 144° 42.5′ E
13° 35.6′ N 144° 43.9′ E
13° 32.7′ N 144° 48.6′ E

(See 37/08-81060)
(NOS)

81060 2Ed. 5/8/93 LAST NM 52/08 47/09
Delete Depth 474 meters and enclosing broken depth contour (1000-meter) 15° 10.2′ N 145° 26.7′ E

Depth 740 meters 13° 15.7′ N 144° 30.0′ E
(US CH 81004)

★81060 2Ed. 5/8/93 LAST NM 47/09 18/10
Add Depth 1312 meters enclosed by depth contour (2000-meter) centered 13° 15.2′ N 144° 01.5′ E
(NTM0001/2010)

81060 2Ed. 5/8/93 LAST NM 18/10 1/11
Delete Buoy "A" 13° 21.2′ N 144° 47.3′ E

Add Buoy "9 Mile" Y, pillar, Fl Y 4s (Priv) with legend "(FAD)" 13° 15.1′ N 144° 28.7′ E
Buoy "Agat" Y, pillar, Fl Y 4s (Priv) with legend "(FAD)" 13° 23.3′ N 144° 33.9′ E
Buoy "3" Y, pillar, Fl Y 4s (Priv) with legend "(FAD)" 13° 39.9′ N 144° 46.1′ E
Buoy "4" Y, pillar, Fl Y 4s (Priv) with legend "(FAD)" 13° 43.3′ N 144° 43.3′ E
Buoy "5" Y, pillar, Fl Y 4s (Priv) with legend "(FAD)" 13° 44.7′ N 144° 48.4′ E
Buoy "6" Y, pillar, Fl Y 4s (Priv) with legend "(FAD)" 13° 42.6′ N 145° 01.6′ E
Buoy "Umatac" Y, pillar, Fl Y 4s (Priv) with legend "(FAD)" 13° 17.0′ N 144° 37.0′ E
(47/10 CG14)

81060 2Ed. 5/8/93 LAST NM 1/11 7/11
Add "Disposal Area" [Nd] bound by dashed-line circle, radius 1.5 miles, centered 13° 35.5′ N 144° 28.7′ E
(NOS)

81060 2Ed. 5/8/93 LAST NM 7/11 12/12
Add Depth 524 meters enclosed by depth contour (1000-meter) centered 14° 36.1′ N 144° 46.6′ E
(NTM0008/2012)

★81060 2Ed. 5/8/93 LAST NM 12/12 30/12
Delete Purple dashed line (submarine operating area limit) between 13° 26.7′ N 144° 37.3′ E
13° 39.2′ N 144° 51.7′ E

Purple dashed line (submarine operating area limit) between 13° 16.3′ N 144° 45.1′ E
13° 10.1′ N 144° 45.1′ E

Purple dashed line (submarine operating area limit) between 14° 07.1′ N 145° 07.3′ E
14° 12.0′ N 145° 15.5′ E

Legend "SUBMARINE OPERATING AREA" 13° 17.5′ N 144° 33.5′ E
Legend "SUBMARINE OPERATING AREA" 13° 18.6′ N 144° 54.0′ E
Legend "SUBMARINE OPERATING AREA" 14° 12.3′ N 145° 12.5′ E
(NOS)

81060 2Ed. 5/8/93 LAST NM 30/12 51/12
Add Buoy "196" (waverider) Y, spherical, Fl Y 4s 13° 41.0′ N 144° 48.8′ E
Buoy "197" (waverider) Y, spherical, Fl Y 4s 15° 16.1′ N 145° 39.7′ E
(44/12 CG14)

81060 2Ed. 5/8/93 LAST NM 51/12 5/14
Delete Depth 69 meters 15° 18.8′ N 145° 26.6′ E
Depth 77 meters 15° 18.1′ N 145° 26.1′ E

Substitute Depth 156 meters for 170 meters 14° 55.1′ N 145° 42.6′ E

Add Depth 173 meters 15° 18.3′ N 145° 26.1′ E
(NTM0001/2014)

★81063 6Ed. 3/06 NEW EDITION 25/06
(NOS)

★81063 6Ed. 3/06 LAST NM 25/06 36/07
Change Note to
"ROTA HARBOR
The controlling depth for Rota Harbor is 18 feet for the center 250 feet to the first turn (for the first 685 feet) of entrance channel and 15 feet for the center 150 feet for the remaining 720 feet of the channel. There is shoaling to 6 feet at the channel edges. MAY 2007"
14° 08′ 36.0″N 145° 09′ 18.0″E
(NOS)

★81063 6Ed. 3/06 LAST NM 36/07 30/08
Change Note to
"ROTA HARBOR
The controlling depth for Rota Harbor is 18 feet for the center 250 feet to the first turn (for the first 685 feet) of entrance channel and 14 feet for the center 150 feet for the remaining 720 feet of the channel. There is shoaling to 6 feet at the channel edges. May 2007"
14° 08′ 36.4″N 145° 09′ 17.5″E
(NOS)

★81063 6Ed. 3/06 LAST NM 30/08 41/08
Add Submarine cable [L30.1] joining
14° 14′ 05.4″N 145° 14′ 42.0″E
14° 11′ 36.2″N 145° 11′ 23.9″E
14° 11′ 33.2″N 145° 11′ 22.8″E
14° 11′ 15.7″N 145° 11′ 07.9″E
14° 10′ 55.1″N 145° 11′ 04.3″E
14° 10′ 19.8″N 145° 11′ 20.5″E

Submarine cable [L30.1] joining
14° 10′ 19.8″N 145° 11′ 20.5″E
14° 10′ 36.7″N 145° 11′ 10.4″E
14° 10′ 56.4″N 145° 09′ 51.2″E
14° 10′ 12.7″N 145° 08′ 35.9″E
14° 09′ 33.8″N 145° 07′ 47.2″E
14° 07′ 34.7″N 145° 06′ 30.3″E
14° 04′ 21.6″N 145° 05′ 51.7″E
14° 04′ 05.4″N 145° 05′ 43.3″E
(NOS)

81063 6Ed. 3/06 LAST NM 41/08 21/12
Delete Buoy (mooring) 14° 08′ 05.2″N 145° 08′ 36.0″E
(18/12 CG14)

★81063 6Ed. 3/06 LAST NM 21/12 30/12
Delete Purple dashed line (submarine operating area limit) between 14° 07′ 06.5″N 145° 07′ 11.4″E
14° 11′ 57.3″N 145° 15′ 29.0″E

Legend "SUBMARINE OPERATING AREA"
14° 10′ 05.0″N 145° 07′ 42.0″E
Legend "SUBMARINE OPERATING AREA"
14° 12′ 22.5″N 145° 11′ 00.0″E
Legend "SUBMARINE OPERATING AREA"
14° 13′ 27.8″N 145° 14′ 57.0″E

Add Note
"NOTE B
Submerged submarine operations are conducted at various times in the waters contained on this chart. Proceed with caution."
14° 04′ 16.5″N 145° 19′ 34.0″E
(NOS)

★81067 9Ed. 2/09 NEW EDITION 14/09
(NOS)

81067 9Ed. 2/09 LAST NM 14/09 42/11
Add Foul ground symbol [K31] 15° 11′ 24″N 145° 41′ 17″E
(NTM0012/2010)

★81067 9Ed. 2/09 LAST NM 42/11 30/12
Add Note
"NOTE B
Submerged submarine operations are conducted at various times in the waters contained on this chart. Proceed with caution."
15° 21′ 18″N 145° 27′ 00″E
(NOS)

★81067 9Ed. 2/09 LAST NM 30/12 51/12
Add Buoy "197" (waverider) Y, Fl Y 4s
15° 16′ 05″N 145° 39′ 44″E
(44/12 CG14)

81067 9Ed. 2/09 LAST NM 51/12 5/13
Change Height of range light, rear to 126ft
15° 13′ 47″N 145° 44′ 59″E
(1/13 CG14)

81067 9Ed. 2/09 LAST NM 5/13 5/14
Delete Depth 93 fathoms 14° 55′ 03″N 145° 42′ 36″E
Depth 75 fathoms 15° 18′ 55″N 145° 26′ 50″E
Depth 38 fathoms 15° 18′ 46″N 145° 26′ 34″E
Depth 43 fathoms 15° 18′ 33″N 145° 26′ 33″E
Depth 56 fathoms 15° 18′ 20″N 145° 26′ 34″E
and enclosing depth contour (100-fathom) in vicinity

Add Depth 85 fathoms 14° 55′ 05″N 145° 42′ 29″E
and extend depth contour (100-fathom) W to enclose

Depth 94 fathoms enclosed by depth contour (100-fathom) centered 15° 18′ 20″N 145° 26′ 09″E
(NTM0001/2014)

★81071 8Ed. 2/13 NEW EDITION 17/13
(NOS)

★81071 8Ed. 2/13 LAST NM 17/13 18/13
(Left Panel)
Change Corrected through note to "Corrected through NM Feb. 23/13, Corrected through LNM Feb. 19/13" in lower left margin of chart
(NOS)

★81071 8Ed. 2/13 LAST NM 18/13 44/13
(Right Panel)
Relocate Buoy "6" from
14° 57′ 41.2″N 145° 37′ 23.0″E to
14° 57′ 43.0″N 145° 37′ 23.0″E
(41/13 CG14)

★81076 13Ed. 1/13 NEW EDITION 12/13
(NOS)

★81086 7Ed. 6/08 NEW EDITION 36/08
(NOS)

★81092 5Ed. 12/07 NEW EDITION 8/08
(NOS)

★81127 2Ed. 12/1/84 NEW EDITION 4/85
(DMAHTC)

81127 2Ed. 12/1/84 LAST NM 4/85 30/89
Add Note in upper left margin of chart
"BUOYAGE
IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No.1."
(MCNM1076/89)

★81133 4Ed. 9/14/85 NEW EDITION 47/85
(DMAHTC)

81133 4Ed. 9/14/85 LAST NM 47/85 27/86
(Plan A)
Delete Depth 10 fathoms "Rep (1948)" (PA)
7° 31′ 42″N 149° 22′ 54″E

Add Depth 10 fathoms "Rep (1948)" (PA)
7° 32′ 12″N 149° 22′ 00″E
(MCNM7760/86)

81133 4Ed. 9/14/85 LAST NM 27/86 15/88
(Plan F)
Add Legend "Rep to lie about 1.75 miles NNW (1987)" 7° 22.0′ N 146° 59.0′ E
(MCNM8080/88)

81133 4Ed. 9/14/85 LAST NM 15/88 30/89
Change Note in upper left margin of chart to
"BUOYAGE
IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No.1."
(MCNM1076/89)

81133 4Ed. 9/14/85 LAST NM 30/89 15/91
(Plan B)
Add Stranded wreck (PA) 8° 04′ 25″N 146° 42′ 33″E
8° 06′ 02″N 146° 45′ 05″E
(3(205)91 Taunton)

81133 4Ed. 9/14/85 LAST NM 15/91 6/93
(Plan B)
Delete Stranded wreck (PA) 8° 06′ 02″N 146° 45′ 05″E
(39(2881)92 Taunton)

81133 4Ed. 9/14/85 LAST NM 6/93 14/93
(Plan S)
Distance and bearing from Pegun Island light in lower center of plan

Add Legend "Rep to lie 1 mile E (1992)", 10.5 miles 015°
(45(3333)92 Taunton)

81133 4Ed. 9/14/85 LAST NM 14/93 34/93
(Plan E)
Add "Note
Island position, determined by GPS, is 8° 33'N 151° 20E." 8° 33′ N 151° 22′ E
(MCC1268/93)

★81141 5Ed. 8/31/96 NEW EDITION 48/96
(NIMA)

★81141 5Ed. 8/31/96 LAST NM 48/96 22/06
Add Double solid line with land tint [D22] (bridge) between 7° 21′ 43″N 134° 30′ 12″E
7° 21′ 46″N 134° 30′ 19″E
(NTM0026/2006)

81141 5Ed. 8/31/96 LAST NM 22/06 7/07
Add Depth 343 meters 7° 40′ 38″N 134° 22′ 07″E
(NTM0002/2007)

★81145 1Ed. 4/1/44 NEW CHART 18/44
(USHO)

★81145 1Ed. 4/1/44 LAST NM 18/44 32/84
Change DMA Stock No. to 81ACO81145
Note: Applicable to certain copies of this chart only
(DMAHTC)

81145 1Ed. 4/1/44 LAST NM 32/84 30/89
Add Note in upper left margin of chart
"BUOYAGE
IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No.1."
(MCNM1076/89)

81145 1Ed. 4/1/44 LAST NM 30/89 7/07
Add Depth 187 fathoms 7° 40′ 38″N 134° 22′ 07″E
(NTM0002/2007)

★81148 6Ed. 8/11/07 NEW EDITION 39/07
(NGA)

★81151 7Ed. 8/11/07 NEW EDITION 39/07
(NGA)

★81155 6Ed. 8/11/07 NEW EDITION 41/07
(NGA)

★81166 2Ed. 3/30/13 NEW EDITION 30/13
(NGA)

★81187 6Ed. 3/30/13 NEW EDITION 30/13
(NGA)

★81209 4Ed. 5/4/13 NEW EDITION 34/13
(NGA)

★81237 2Ed. 3/30/13 NEW EDITION 24/13
(NGA)

★81249 2Ed. 9/2/94 NEW EDITION 1/95
(DMAHTC)

★81249 2Ed. 9/2/94 LAST NM 1/95 6/95
(Plan E)
Change Designation of plan to "D" 9° 12′ 48″N 145° 21′ 50″E

(Plan F)
Change Designation of plan to "E" 1° 00′ 25″N 154° 50′ 40″E
(DMAHTC)

★81251 1Ed. 3/17/84 NEW CHART 22/84
(DMAHTC)

81251 1Ed. 3/17/84 LAST NM 22/84 30/89
Add Note in upper left margin of chart
"BUOYAGE
IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No.1."
(MCNM1076/89)

★81288 1Ed. 4/1/44 NEW CHART 18/44
(USHO)

★81288 1Ed. 4/1/44 LAST NM 18/44 7/87
Change Note in lower left margin of chart to
"Users should refer corrections, additions, and comments for improving this product to: DIRECTOR, DEFENSE MAPPING AGENCY HYDROGRAPHIC/ TOPOGRAPHIC CENTER, ATTN: PR, Washington, D.C. 20315-0030."
(MCNM7880/87)

81288 1Ed. 4/1/44 LAST NM 7/87 30/89
Add Note in upper left margin of chart
"BUOYAGE
IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No.1."
(MCNM1076/89)

81288 1Ed. 4/1/44 LAST NM 30/89 43/93
Add Legend "Rep 1.5M SE (1993)" 8° 36′ N 149° 38′ E

(Plan Ulul Island)
Add Legend "Reported to lie 1.5 miles South-Eastward (1993)" 8° 34′ N 149° 39′ E
(31(2697)93 Taunton)

★81303 2Ed. 8/27/94 NEW EDITION 1/95
(DMAHTC)

★81327 4Ed. 4/13/96 NEW EDITION 26/96
Delete Solid line
between 7° 30′ 01″N 151° 55′ 52″E
7° 30′ 07″N 151° 56′ 04″E

between 7° 29′ 48″N 151° 54′ 23″E
7° 29′ 48″N 151° 54′ 15″E

between 7° 29′ 19″N 151° 51′ 48″E
7° 29′ 24″N 151° 51′ 59″E

Substitute Beacons, each R, can topmark for light
"2" Fl R 4s 6m 4M (PA) 7° 30.3′ N 151° 57.9′ E
"8" Fl R 2½s 4m 4M (PA) 7° 29.8′ N 151° 52.6′ E

Relocate Beacon
"4" close SW to 7° 30′ 01″N 151° 55′ 52″E
"6" close E 7° 29′ 48″N 151° 54′ 23″E
"10" close SW 7° 29′ 19″N 151° 51′ 48″E
(DMA; BA LL)

★81327 4Ed. 4/13/96 LAST NM 26/96 10/97
Add Legend
"(North Pass)" 7° 41′ 24″N 151° 47′ 16″E
"(Northeast Pass)" 7° 30′ 40″N 151° 59′ 30″E
(GIMM043/96)

★81327 4Ed. 4/13/96 LAST NM 10/97 45/01
Add Legend "Reported extinguished (2000)" 7° 30′ 11″N 151° 58′ 00″E
(NTM0006/2001)

★81327 4Ed. 4/13/96 LAST NM 45/01 41/08
Delete Beacon "2" 7° 30′ 18″N 151° 57′ 54″E
(NTM0017/2008)

★81329 2Ed. 8/27/94 NEW EDITION 49/94
(DMAHTC)

★81338 4Ed. 3/10/84 NEW EDITION 18/84
(DMAHTC)

81338 4Ed. 3/10/84 LAST NM 18/84 38/86
Delete Buoys,
"1" 7° 30.1′ N 151° 57.7′ E
"3" 7° 30.2′ N 151° 55.7′ E
"5" 7° 29.8′ N 151° 51.7′ E

Change Bn to "11", green (PA) 7° 28′ 58″N 151° 49′ 32″E
Visibility (range) of light to 6M 7° 29′ 58″N 151° 58′ 15″E

(continued on next page)

81338 (Continued) 38/86
Add Bns, each red (PA)
"4" 7° 29′ 57″N 151° 55′ 47″E
"6" 7° 29′ 45″N 151° 54′ 13″E
"8" 7° 29′ 35″N 151° 52′ 27″E
"10" 7° 29′ 14″N 151° 51′ 42″E
Bn (articulated) "2", red (PA) 7° 30′ 10″N 151° 57′ 49″E

Note
"BUOYAGE
IALA Buoyage System (Region A) is
6° 49′ 00″N 151° 30′ 00″E
in effect in the area covered by this
chart. See Chart No. 1."
(33/86 CG14)

81338 4Ed. 3/10/84 LAST NM 38/86 41/86
Relocate Bn "8"
(7° 29′ 35″N 151° 52′ 27″E) (PA) to
7° 29′ 41″N 151° 52′ 30″E
(See 38/86-81338)
(MCNM7820/86)

81338 4Ed. 3/10/84 LAST NM 41/86 7/87
Delete Bn "2" 7° 30′ 10″N 151° 57′ 49″E
(See 38/86-81338)

Add Buoy "2", R, can 7° 30′ 11″N 151° 57′ 48″E
(53/86 CG14)

81338 4Ed. 3/10/84 LAST NM 7/87 39/87
Add Depth 21 meters 7° 29′ 45″N 151° 51′ 10″E
(MCNM7968/87)

81338 4Ed. 3/10/84 LAST NM 39/87 46/87
Relocate Buoy "2" close E to 07° 30.2′ N 151° 57.8′ E
(32/87 CG14)

81338 4Ed. 3/10/84 LAST NM 46/87 39/88
Substitute Light "2" Fl R 4s 20ft 4M (PA)
for buoy "2" 7° 30.2′ N 151° 57.8′ E
(See 46/87-81338)

Light "8" Fl R 2.5s 14ft 4M (PA)
for beacon "8" 7° 29.7′ N 151° 52.5′ E
(34/88 CG14)

81338 4Ed. 3/10/84 LAST NM 39/88 37/95
Delete Beacon
"4" (PA) 7° 29.9′ N 151° 55.8′ E
"6" (PA) 7° 29.7′ N 151° 54.2′ E
"10" (PA) 7° 29.2′ N 151° 51.7′ E
"11" (PA) 7° 29.0′ N 151° 49.5′ E

Add Beacons, each R, can topmark, Fl R 4s
"4" 7° 29′ 55″N 151° 55′ 44″E
"6" 7° 29′ 43″N 151° 54′ 12″E
"10" 7° 29′ 13″N 151° 51′ 41″E

Beacon "11" G, cone topmark,
Fl G 4s 7° 28′ 54″N 151° 49′ 30″E
(25(2006)95 Taunton)

81338 4Ed. 3/10/84 LAST NM 37/95 41/95
Delete R Bn (AERO) 7° 27.2′ N 151° 50.3′ E

Change Height of light to 10m 7° 30.0′ N 151° 58.3′ E
(BA RA; 44/87 CG14)

81338 4Ed. 3/10/84 LAST NM 41/95 41/08
Delete Light "2" 7° 30.2′ N 151° 57.8′ E
(NTM0017/2008)

★81345 3Ed. 6/13/98 NEW EDITION 38/98
(NIMA)

81345 3Ed. 6/13/98 LAST NM 38/98 14/99
(Plan A)
Add Note "DATUM NOTE
Positions referred to the World Geodetic
System 1984 (WGS-84) must be moved
1′ 10′′ Southward and 0′ 13′′ Westward to
agree with this plan." 6° 55′ 00″N 152° 35′ 00″E
(GIMM010/99)

★81345 3Ed. 6/13/98 LAST NM 14/99 45/01
Add Legend "Shoal rep (2000)" 5° 32′ 12″N 153° 44′ 55″E
(NTM0006/2001)

★81411 2Ed. 5/16/81 NEW EDITION 32/81
(DMAHTC)

81411 2Ed. 5/16/81 LAST NM 32/81 3/89
Add Stranded wreck 7° 36′ 33″N 155° 11′ 50″E
7° 35′ 56″N 155° 15′ 59″E
(MCNM8190/88)

81411 2Ed. 5/16/81 LAST NM 3/89 30/89
Add Note in upper left margin of chart
"BUOYAGE
IALA Buoyage System (Region A) is in
effect in the area covered by this
chart. See Chart No.1."
(MCNM1076/89)

★81427 2Ed. 1/21/95 NEW EDITION 10/95
(DMAHTC)

★81435 4Ed. 12/6/08 NEW EDITION 5/09
(NGA)

81435 4Ed. 12/6/08 LAST NM 5/09 33/11
Delete Buoy "Payao No 2" 7° 07′ 26″N 158° 18′ 10″E
Buoy "Payao No 3" 7° 04′ 24″N 158° 02′ 40″E
Buoy 7° 04′ 46″N 158° 12′ 23″E
Buoy 7° 02′ 32″N 158° 20′ 14″E
Buoy 6° 59′ 00″N 158° 02′ 47″E
(NTM0004/2011)

★81453 7Ed. 11/8/08 NEW EDITION 51/08
(NGA)

★81488 3Ed. 4/12/08 NEW EDITION 21/08
Change Legend to "Lts in line 094.9° " 5° 20′ 55″N 162° 56′ 25″E
Note: Bearing line as depicted on chart remains
unchanged

Legend to "SEE KOSRAE AIRPORT
CAUTION" 5° 21′ 13″N 162° 56′ 15″E

First line of CAUTION note to "KOSRAE
AIRPORT CAUTION" in lower left corner of
chart

(Plan A)
Change Legend to "Lts in line 094.9° "
5° 20′ 51.0″N 162° 56′ 36.3″E
Note: Bearing line as depicted on plan remains
unchanged

Legend to "SEE KOSRAE AIRPORT
CAUTION" 5° 20′ 47.9″N 162° 56′ 21.1″E
(NGA; NTM0017/2008)

★81511 3Ed. 8/27/94 NEW EDITION 49/94
(DMAHTC)

★81523 4Ed. 8/14/76 NEW EDITION 40/76
(DMAHC)

★81523 4Ed. 8/14/76 LAST NM 40/76 21/77
Relocate Buoy "2" (11° 20.4′ N 162° 19.2′ E) to
11° 20′ 42″N 162° 19′ 10″E
(17/77 CG14)

★81523 4Ed. 8/14/76 LAST NM 21/77 44/77
Substitute Title "ENEWETAK ATOLL" for
"ENIWETOK ATOLL" 11° 47.6′ N 161° 45.0′ E

Add Note from back of Section I 11° 38.4′ N 161° 45.1′ E
(RS2685/77)

81523 4Ed. 8/14/76 LAST NM 44/77 20/78
Delete Position circles and legends
"Tr" 11° 20.5′ N 162° 19.7′ E
"WATER TR F WRG Lts (occas)" 11° 24.4′ N 162° 22.7′ E

Add Position circle "TANKS" (PA) 11° 20′ 43″N 162° 19′ 37″E
(RS3701/78)

81523 4Ed. 8/14/76 LAST NM 20/78 21/78
Delete Wreck 11° 27.3′ N 162° 05.9′ E
Legend "FR Lt" 11° 21.4′ N 162° 20.9′ E

Buoys 11° 21.3′ N 162° 20.4′ E
11° 21.4′ N 162° 20.4′ E

Add Position circles
"Mast (conspic)" (PA) in 11° 27.6′ N 162° 05.8′ E
"Tank (rusty)" (PA) 11° 22.6′ N 162° 10.0′ E
(RS3705/78)

81523 4Ed. 8/14/76 LAST NM 21/78 22/78
Relocate Buoy "2" (11° 20.7′ N 162° 19.1′ W) to
11° 20.3′ N 162° 19.2′ E
(18/78 CG14)

81523 4Ed. 8/14/76 LAST NM 22/78 27/80
Relocate Buoy "2"
(11° 20′ 42″N 162° 19′ 08″E) to
11° 20′ 17″N 162° 19′ 13″E
(18/78 CG14)

81523 4Ed. 8/14/76 LAST NM 27/80 30/80
Delete Buoys
"1" 11° 20′ 21″N 162° 18′ 36″E
"2" 11° 20′ 17″N 162° 19′ 13″E
"4" 11° 20′ 57″N 162° 19′ 14″E
(See 27/80-81523)
(23/80 CG14)

81523 4Ed. 8/14/76 LAST NM 30/80 37/84
Delete Legends "PROHIBITED AREA (CAUTION NO 2)" 11° 18′ 36″N 162° 17′ 24″E
11° 30′ 54″N 162° 14′ 12″E
11° 43′ 00″N 162° 12′ 00″E

Change Lines 3-11 of caution note to
"2. Reserved." 11° 38′ 18″N 161° 45′ 00″E
(NVP0137/81)

81523 4Ed. 8/14/76 LAST NM 37/84 30/89
Add Note in lower left margin of chart
"BUOYAGE
IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No.1."
(MCNM1076/89)

★81523 4Ed. 8/14/76 LAST NM 30/89 46/08
Add Depth 953 fathoms 11° 41′ 00″N 161° 41′ 00″E
(NTM0026/2007)

★81531 4Ed. 6/1/96 NEW EDITION 36/96
(DMA)

★81540 2Ed. 5/22/76 NEW EDITION 35/76
(DMAHC)

81540 2Ed. 5/22/76 LAST NM 35/76 30/89
Add Note in upper left margin of chart
"BUOYAGE
IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No.1."
(MCNM1076/89)

★81544 6Ed. 3/16/96 NEW EDITION 19/96
(DMA)

★81557 2Ed. 1/21/95 NEW EDITION 11/95
(DMAHTC)

★81563 2Ed. 8/27/94 NEW EDITION 48/94
(DMAHTC)

★81565 2Ed. 2/11/95 NEW EDITION 14/95
(DMAHTC)

★81576 2Ed. 1/21/95 NEW EDITION 13/95
(DMAHTC)

★81587 2Ed. 9/14/85 NEW EDITION 47/85
(DMAHTC)

81587 2Ed. 9/14/85 LAST NM 47/85 30/89
Add Note in upper left margin of chart
"BUOYAGE
IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No.1."
(MCNM1076/89)

★81604 3Ed. 3/16/96 NEW EDITION 52/96
(NIMA)

★81612 2Ed. 8/18/84 NEW EDITION 44/84
Delete Light flare symbol and light legend vicinity 10° 16′ 00″N 169° 53′ 00″E

(Plan)
Add Blue tint to dotted line circle 10° 19′ 11″N 169° 56′ 00″E
(DMAHTC)

★81612 2Ed. 8/18/84 LAST NM 44/84 52/84
Delete Light 10° 12.7′ N 169° 59.2′ E
(45/84 CG14)

81612 2Ed. 8/18/84 LAST NM 52/84 30/89
Add Note in upper left margin of chart
"BUOYAGE
IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No.1."
(MCNM1076/89)

★81616 2Ed. 2/11/95 NEW EDITION 14/95
(DMAHTC)

81616 2Ed. 2/11/95 LAST NM 14/95 16/95
Change Latitude limit in lower left corner along neatline of chart border to
"11° 04′ 27′ ′ N"
(MCC003/95)

★81626 2Ed. 2/11/95 NEW EDITION 14/95
(DMAHTC)

★81664 6Ed. 5/30/98 NEW EDITION 30/98
(NOS)

81664 6Ed. 5/30/98 LAST NM 30/98 40/12
Add Submarine cable [L30.1] joining
19° 17′ 22.2″N 166° 36′ 32.4″E
19° 17′ 18.0″N 166° 36′ 30.0″E
19° 17′ 03.6″N 166° 36′ 21.6″E
19° 14′ 58.8″N 166° 35′ 07.2″E
19° 14′ 42.0″N 166° 34′ 53.2″E

Submarine cable [L30.1] joining
19° 17′ 21.0″N 166° 36′ 32.4″E
19° 17′ 05.4″N 166° 36′ 22.8″E
19° 16′ 58.8″N 166° 36′ 21.0″E
19° 16′ 23.4″N 166° 36′ 10.2″E
19° 14′ 15.2″N 166° 35′ 27.2″E
(NTM0008/2012)

★81664 6Ed. 5/30/98 LAST NM 40/12 43/13
Add Chartlet, depicting changes in hydrography, from Subsection I-2 19° 17′ 15.0″N 166° 36′ 46.0″E

(continued on next page)

81664 (Continued) 43/13
(Inset)
Add Chartlet (A), depicting changes in hydrography, from Subsection I-2 19° 17′ 15.0″N 166° 36′ 45.0″E

Chartlet (B), depicting changes in hydrography, from Subsection I-2 19° 17′ 15.0″N 166° 37′ 00.0″E
(NOS)

★81711 7Ed. 7/3/10 NEW EDITION 32/10
(NGA)

81711 7Ed. 7/3/10 LAST NM 32/10 37/10
(Plan C)
Delete Dolphin 8° 43′ 40.8″N 167° 43′ 58.8″E
Dolphin and legend "Dns" 8° 43′ 47.4″N 167° 44′ 00.6″E
Dolphin 8° 43′ 51.0″N 167° 44′ 01.2″E
Dolphin and legend "Dn" 8° 43′ 58.8″N 167° 44′ 03.6″E
Dolphin 8° 44′ 06.0″N 167° 44′ 02.4″E
Dolphin and legend "Dn" 8° 44′ 12.0″N 167° 44′ 01.2″E

Position circle and legend "Pile PA" 8° 44′ 57.0″N 167° 44′ 04.8″E

Pole symbol 8° 44′ 55.8″N 167° 44′ 10.2″E

(Plan D)
Delete Dolphin 8° 43′ 40.8″N 167° 43′ 58.8″E
Dolphin and legend "Dns" 8° 43′ 47.4″N 167° 44′ 00.6″E
Dolphin 8° 43′ 51.0″N 167° 44′ 01.2″E
Dolphin and legend "Dn" 8° 43′ 58.8″N 167° 44′ 03.6″E
Dolphin 8° 44′ 06.0″N 167° 44′ 02.4″E
Dolphin and legend "Dn" 8° 44′ 12.0″N 167° 44′ 01.2″E
(NTM0012/2010)

★81711 7Ed. 7/3/10 LAST NM 37/10 52/12
(Plan C)
Add Anchor berth "A" [N11.1] 8° 45′ 05.4″N 167° 43′ 04.8″E
Anchor berth "B" [N11.1] 8° 46′ 03.0″N 167° 42′ 30.0″E

Note
"ANCHORAGES
A. For vessels less than 122m in length.
B. For vessels greater than 122m in length." 8° 43′ 30.0″N 167° 41′ 36.0″E
(NTM0008/2012)

★81711 7Ed. 7/3/10 LAST NM 52/12 8/13
(Plan A)
Change Line 4 of SOURCE DIAGRAM note from "(1994)" to "(1944)" 9° 22′ 50.5″N 167° 25′ 42.0″E
(NGA)

★81715 5Ed. 7/24/10 NEW EDITION 37/10
(NGA)

81715 5Ed. 7/24/10 LAST NM 37/10 17/12
Relocate Buoy "2" from 8° 52′ 13″N 167° 45′ 39″E to 8° 52′ 15″N 167° 45′ 36″E
(14/12 CG14)

★81723 2Ed. 2/22/86 NEW EDITION 19/86
(DMAHTC)

81723 2Ed. 2/22/86 LAST NM 19/86 30/89
Change Note in upper left margin of chart to
"BUOYAGE
IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No.1."
(MCNM1076/89)

★81729 2Ed. 3/16/85 NEW EDITION 20/85
Delete Note (Changes In Buoyage) 7° 15.3′ N 168° 46.8′ E
(DMAHTC)

81729 2Ed. 3/16/85 LAST NM 20/85 30/89
Add Note
"BUOYAGE
IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No.1." 07° 15.3′ N 168° 46.8′ E
(MCNM1076/89)

★81737 2Ed. 6/8/85 NEW EDITION 36/85
(DMAHTC)

81737 2Ed. 6/8/85 LAST NM 36/85 30/89
Add Note in upper left margin of chart
"BUOYAGE
IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No.1."
(MCNM1076/89)

★81771 3Ed. 7/4/98 NEW EDITION 41/98
Delete Position circle "R TRS" 8° 44.1′ N 171° 12.1′ E

Add Position circle "R TRS" 8° 44′ 28″N 171° 11′ 45″E
(NIMA)

★81782 3Ed. 4/9/11 NEW EDITION 27/11
(NGA)

81782 3Ed. 4/9/11 LAST NM 27/11 48/11
Substitute Depth 1536 meters for 36 meters 7° 10′ 40.0″N 171° 00′ 01.0″E
Depth 2816 meters for 816 meters 7° 05′ 03.7″N 171° 00′ 02.0″E
(NGA)

★81791 2Ed. 3/24/84 NEW EDITION 19/84
(DMAHTC)

★81791 2Ed. 3/24/84 LAST NM 19/84 52/84
Delete Light 7° 03.7′ N 171° 33.3′ E
(45/84 CG14)

81791 2Ed. 3/24/84 LAST NM 52/84 30/89
Add Note in upper left margin of chart
"BUOYAGE
IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No.1."
(MCNM1076/89)

★81796 3Ed. 5/11/85 NEW EDITION 30/85
Change Line 3 of note
(Changes in Buoyage) to
"Maritime Buoyage System
Region B. For further explanation," 6° 15′ 42″N 171° 57′ 00″E
(DMAHTC)

81796 3Ed. 5/11/85 LAST NM 30/85 30/89
Change Note to
"BUOYAGE
IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No.1." 06° 15′ 42″N 171° 57′ 00″E
(MCNM1076/89)

★81809 2Ed. 8/25/84 NEW EDITION 45/84
(DMAHTC)

81809 2Ed. 8/25/84 LAST NM 45/84 47/84
(Plan Jaluit Anchorage)
Substitute Depth 2¼ fathoms for 2 fathoms 4 feet 5° 54′ 55″N 169° 38′ 41″W
(BA CH 988)

★81809 2Ed. 8/25/84 LAST NM 47/84 52/84
(Jaluit Anchorage)
Delete Light 5° 55.2′ N 169° 38.9′ E
(45/84 CG14)

81809 2Ed. 8/25/84 LAST NM 52/84 30/89
Add Note in the upper left margin of chart
"BUOYAGE
IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No.1."
(MCNM1076/89)

81809 2Ed. 8/25/84 LAST NM 30/89 31/90
(Plan Jaluit Anchorage)
Substitute Depth 2 1/4 fathoms for 2 fathoms 4 feet
5° 54′ 55″N 169° 38′ 41″E
(BA CH 988)

★81817 2Ed. 9/5/98 NEW EDITION 1/99
(NIMA)

★**82005** 5Ed. 2/3/96 NEW EDITION 19/96
(DMA)

82005 5Ed. 2/3/96 LAST NM 19/96 21/96
Substitute Depth
15.8 meters "Rep (1996)" for
66 meters 5° 11.9′ S 150° 11.5′ E
14 meters "Rep (1996)" for
18.3 meters 5° 14.2′ S 150° 10.6′ E
17 meters "Rep (1996)" for
31 meters "Rep (1981)" 5° 13.8′ S 150° 24.3′ E
(8(119)96 Wollongong)

82005 5Ed. 2/3/96 LAST NM 21/96 17/03
Delete Light 3° 49.1′ S 144° 32.0′ E
(2(67)03 Wollongong)

82005 5Ed. 2/3/96 LAST NM 17/03 10/06
Substitute Depth 368 meters for 2279 meters 2° 03.0′ S 145° 58.0′ E

Add Depth 255 meters 1° 37.0′ S 146° 32.0′ E
Depth 211 meters 1° 59.0′ S 148° 09.0′ E
Depth 485 meters 1° 43.0′ S 148° 38.0′ E
Depth 270 meters 2° 24.0′ S 149° 52.0′ E
(NTM0008/2006)

82005 5Ed. 2/3/96 LAST NM 10/06 13/08
Add Light symbol [P1] 8° 03.8′ S 148° 07.6′ E
(14(597)07 Wollongong)

82005 5Ed. 2/3/96 LAST NM 13/08 24/08
Add Depth 409 meters 1° 06.6′ S 148° 50.4′ E
Depth 498 meters 1° 05.6′ S 148° 02.5′ E
Depth 566 meters 1° 05.6′ S 148° 00.9′ E
(NTM0026/2007)

★**82005** 5Ed. 2/3/96 LAST NM 24/08 27/08
Add Depth 4115 meters Rep "(2006)" [I3.2]
0° 14.6′ S 150° 25.8′ E
(NTM0006/2008)

★**82005** 5Ed. 2/3/96 LAST NM 27/08 52/08
Add Depth 1000 meters 0° 52.5′ S 147° 45.1′ E
Depth 1329 meters 1° 14.0′ S 148° 57.4′ E
Depth 1675 meters 0° 55.2′ S 148° 50.2′ E
(NTM0026/2007)

82005 5Ed. 2/3/96 LAST NM 52/08 34/10
Add Depth 509 meters 1° 19.9′ S 149° 10.3′ E
(NTM0019/2010)

82005 5Ed. 2/3/96 LAST NM 34/10 2/12
Delete Danger circle, blue tint and legend
"Breaks Rep (1925) PA" in vicinity 7° 59.4′ S 148° 27.3′ E

AERO R Bn 6° 37.0′ S 147° 51.5′ E
R Bn AERO 6° 44.5′ S 147° 01.0′ E
(23(1181)11 Wollongong)

★**82010** 6Ed. 12/16/95 NEW EDITION 7/96
Change Light to Fl(2) 8° 05.3′ S 156° 52.0′ E
(DMA; 48(3962)95 Taunton)

82010 6Ed. 12/16/95 LAST NM 7/96 17/96
Delete Stranded wreck (PA) 6° 10.5′ S 159° 24.5′ E
(11(938)96 Taunton)

82010 6Ed. 12/16/95 LAST NM 17/96 21/96
Substitute Depth 14 meters "Rep (1996)" for
18.3 meters 5° 14.2′ S 150° 10.6′ E

Add Depth
17 meters "Rep (1996)" 5° 13.8′ S 150° 24.3′ E
15.8 meters "Rep (1996)" 5° 11.9′ S 150° 11.5′ E
(8(119)96 Wollongong)

82010 6Ed. 12/16/95 LAST NM 21/96 50/96
Add R Bn (AERO) 4° 14.1′ S 152° 10.5′ E
(33(544)96 Wollongong)

82010 6Ed. 12/16/95 LAST NM 50/96 2/97
Delete R Bn (AERO) 4° 14.1′ S 152° 10.5′ E
(Cancels 50/96-82010)
(33(544)96 Wollongong)

82010 6Ed. 12/16/95 LAST NM 2/97 24/97
Add Depth
158 meters 8° 39.8′ S 157° 24.8′ E
248 meters 9° 07.5′ S 158° 21.5′ E
(13(1186)97 Taunton)

82010 6Ed. 12/16/95 LAST NM 24/97 34/97
Delete Depth 18.3 meters "Rep (1989)" 4° 05′ S 152° 13′ E

Add Depth 28 meters 4° 04.3′ S 152° 13.5′ E
(7(182)97 Wollongong; Aus CH 397)

82010 6Ed. 12/16/95 LAST NM 34/97 6/98
Change Characteristic of light to Fl 9° 26.0′ S 159° 57.0′ E

Add Depth
510 meters 7° 04.3′ S 158° 49.6′ E
47 meters 7° 58.8′ S 159° 36.5′ E
325 meters 7° 58.1′ S 159° 39.0′ E
388 meters 7° 57.0′ S 159° 44.8′ E
(GIMM011/98; BA LL)

82010 6Ed. 12/16/95 LAST NM 6/98 17/98
Substitute Depth 3.8 meters for 5.5 meters 9° 10.7′ S 159° 03.4′ E

Add Depth 345 meters 8° 55.7′ S 159° 00.7′ E
(40(3579)97 Taunton)

82010 6Ed. 12/16/95 LAST NM 17/98 39/98
Substitute Depth 26.5 meters for 28 meters 4° 04.3′ S 152° 13.5′ E
(Aus CH 680)

82010 6Ed. 12/16/95 LAST NM 39/98 14/00
Add Depth 536 meters "Rep (2000)" [I3.2]
8° 46.7′ S 154° 20.9′ E
(NTM0001/2000)

82010 6Ed. 12/16/95 LAST NM 14/00 17/03
Delete Light 4° 11.4′ S 151° 56.3′ E
(2(66)03 Wollongong)

82010 6Ed. 12/16/95 LAST NM 17/03 39/03
Add Danger circle [K1] "Sub Vol Activity
Rep (2003)" 9° 01.1′ S 157° 58.9′ E
(NTM0026/2003)

82010 6Ed. 12/16/95 LAST NM 39/03 22/04
Add Dangerous submerged rock [K13]
"Rep (2002)" 7° 10.8′ S 158° 22.2′ E
(8(861)04 Taunton)

★**82010** 6Ed. 12/16/95 LAST NM 22/04 53/05
Delete Legend "Reported to lie 2 miles NW (1984)"
3° 35.0′ S 153° 19.0′ E
(NTM0023/2005)

82010 6Ed. 12/16/95 LAST NM 53/05 5/06
Add Danger circle "Obstn" [K40] 9° 10.4′ S 153° 17.3′ E
(NTM0009/2006)

82010 6Ed. 12/16/95 LAST NM 5/06 10/06
Add Depth 270 meters 2° 24.0′ S 149° 52.0′ E
(NTM0008/2006)

82010 6Ed. 12/16/95 LAST NM 10/06 36/06
Change Light to Fl 5° 16.6′ S 151° 00.0′ E
(15(747)06 Wollongong)

82010 6Ed. 12/16/95 LAST NM 36/06 24/08
Substitute Depth 362 meters for 411 meters 8° 41.9′ S 154° 37.0′ E
(NTM0026/2007)

82010 6Ed. 12/16/95 LAST NM 24/08 25/08
Add Light Fl 5° 24.9′ S 154° 42.2′ E
(2(95)08 Wollongong)

82010 6Ed. 12/16/95 LAST NM 25/08 35/08
Add Depth 360 meters 5° 34.3′ S 154° 02.6′ E
Depth 430 meters 5° 35.6′ S 153° 56.4′ E
Depth 396 meters 5° 37.1′ S 153° 59.5′ E
Depth 399 meters 5° 46.3′ S 154° 01.6′ E
Depth 362 meters 5° 42.8′ S 154° 05.2′ E
(NTM0026/2007)

82010 6Ed. 12/16/95 LAST NM 35/08 37/08
Substitute Depth 306 meters for 338 meters 9° 11.7′ S 153° 53.4′ E
(NTM0026/2007)

82010 6Ed. 12/16/95 LAST NM 37/08 48/08
Add Depth 525 meters 9° 07.9′ S 153° 57.7′ E
Depth 1463 meters 5° 06.9′ S 157° 05.0′ E
Depth 1646 meters 5° 15.0′ S 157° 05.0′ E

Depth 962 meters enclosed by depth contour (1000-meter) centered 4° 59.7′ S 157° 07.2′ E

Depth 614 meters 8° 40.5′ S 154° 40.9′ E
and extend depth contour (1000-meter) NE to enclose
(NTM0026/2007)

82010 6Ed. 12/16/95 LAST NM 48/08 3/11
Substitute Depth 58 meters "Rep (2001)" for 80 meters 8° 36.0′ S 159° 36.0′ E
(UKHO ARCS 3997-0)

★**82010** 6Ed. 12/16/95 LAST NM 3/11 10/11
Delete Depth 12 meters, blue tint and enclosing dotted-line circle centered 9° 50.0′ S 151° 30.0′ E
(NTM0010/2011)

★**82015** 13Ed. 1/27/96 NEW EDITION 13/96
Delete R Bn (AERO) 5° 27′ S 154° 40′ E
(Previously published 8/96)
(DMA)

82015 13Ed. 1/27/96 LAST NM 13/96 17/96
Delete Stranded wreck (PA) 6° 10.2′ S 159° 24.5′ E
(11(938)96 Taunton)

82015 13Ed. 1/27/96 LAST NM 17/96 24/96
Delete R Bn (AERO) 8° 06′ S 156° 50′ E
(BA RA)

82015 13Ed. 1/27/96 LAST NM 24/96 24/97
Add Depth
158 meters 8° 39.6′ S 157° 24.5′ E
248 meters 9° 08.2′ S 158° 22.2′ E
587 meters 9° 18.1′ S 160° 36.9′ E
365 meters "Rep (1981)" 8° 33.9′ S 160° 07.8′ E
(13(1186)97 Taunton)

82015 13Ed. 1/27/96 LAST NM 24/97 6/98
Change Characteristic of light to Fl 9° 26.0′ S 159° 57.0′ E

Add Depth
510 meters 7° 04.3′ S 158° 49.6′ E
47 meters 7° 58.8′ S 159° 36.5′ E
325 meters 7° 58.1′ S 159° 39.0′ E
388 meters 7° 57.0′ S 159° 44.8′ E
235 meters 8° 21.3′ S 160° 51.9′ E
(GIMM011/98; BA LL)

82015 13Ed. 1/27/96 LAST NM 6/98 17/98
Add Depth 345 meters 8° 55.3′ S 159° 00.6′ E
(40(3579)97 Taunton)

82015 13Ed. 1/27/96 LAST NM 17/98 30/98
Change Characteristic of light to Fl 8° 59.0′ S 159° 14.2′ E
(BA LL)

★**82015** 13Ed. 1/27/96 LAST NM 30/98 14/00
Add Depth 536 meters "Rep (2000)" [I3.2] 8° 46.7′ S 154° 20.9′ E
(NTM0001/2000)

82015 13Ed. 1/27/96 LAST NM 14/00 22/02
Delete Depth 5.9 meters ED, blue tint and enclosing depth contour centered 9° 22.2′ S 160° 10.7′ E
(35(3514)01 Taunton)

82015 13Ed. 1/27/96 LAST NM 22/02 39/03
Add Danger circle [K1] "Sub Vol Activity Rep (2003)" 9° 01.1′ S 157° 58.9′ E
(NTM0026/2003)

82015 13Ed. 1/27/96 LAST NM 39/03 22/04
Add Dangerous submerged rock [K13] "Rep (2002)" 7° 10.8′ S 158° 22.2′ E
(8(861)04 Taunton)

82015 13Ed. 1/27/96 LAST NM 22/04 24/08
Substitute Depth 362 meters for 411 meters 8° 41.9′ S 154° 37.8′ E
(NTM0026/2007)

82015 13Ed. 1/27/96 LAST NM 24/08 25/08
Add Light Fl 5° 24.9′ S 154° 42.2′ E
(2(95)08 Wollongong)

82015 13Ed. 1/27/96 LAST NM 25/08 35/08
Add Depth 360 meters 5° 34.3′ S 154° 02.6′ E
(NTM0026/2007)

82015 13Ed. 1/27/96 LAST NM 35/08 37/08
Add Depth 658 meters 11° 27.4′ S 154° 59.1′ E
(NTM0026/2007)

★**82015** 13Ed. 1/27/96 LAST NM 37/08 48/08
Add Depth 962 meters enclosed by depth contour (1000-meter) centered 4° 59.7′ S 157° 07.2′ E

Depth 1463 meters 5° 06.9′ S 157° 05.0′ E
Depth 1646 meters 5° 15.0′ S 157° 05.0′ E
(NTM0026/2007)

82015 13Ed. 1/27/96 LAST NM 48/08 3/11
Substitute Depth 58 meters "Rep (2001)" for 80 meters 8° 36.0′ S 159° 36.0′ E
(UKHO ARCS 3997-0)

★**82020** 7Ed. 4/13/96 NEW EDITION 24/96
Delete Stranded wreck (PA) 6° 11′ S 159° 25′ E
(Previously published 17/96)
(DMA)

82020 7Ed. 4/13/96 LAST NM 24/96 30/96
Delete Dotted-line circle and legend "Discolored water (1944)" 17° 12′ S 164° 56′ E
(Fr CH 7321)

82020 7Ed. 4/13/96 LAST NM 30/96 50/96
Add Depth 304 meters 17° 32′ S 169° 23′ E
(Fr CH 7321)

82020 7Ed. 4/13/96 LAST NM 50/96 4/97
Add Stranded wreck 12° 31.0′ S 160° 16.0′ E
12° 49.2′ S 160° 26.7′ E
(46(3819)96 Taunton)

82020 7Ed. 4/13/96 LAST NM 4/97 24/97
Substitute Depth 587 meters for 1243 meters 9° 19′ S 160° 37′ E

Add Depth
248 meters 9° 08′ S 158° 21′ E
365 meters "Rep (1981)" 8° 34′ S 160° 08′ E
(13(1186)97 Taunton)

82020 7Ed. 4/13/96 LAST NM 24/97 6/98
Add Depth
510 meters 7° 04′ S 158° 50′ E
47 meters 7° 59′ S 159° 37′ E
235 meters 8° 21′ S 160° 52′ E
(GIMM011/98)

82020 7Ed. 4/13/96 LAST NM 6/98 17/98
Add Depth 345 meters 8° 55.7′ S 159° 00.7′ E
(40(3579)97 Taunton)

82020 7Ed. 4/13/96 LAST NM 17/98 22/02
Delete Depth 5.9 meters ED, blue tint and enclosing danger circle centered 9° 22.2′ S 160° 10.7′ E
(35(3514)01 Taunton)

82020 7Ed. 4/13/96 LAST NM 22/02 39/03
Add Danger circle [K1] "Sub Vol Activity Rep (2003)" 9° 01.1′ S 157° 58.9′ E
(NTM0026/2003)

82020 7Ed. 4/13/96 LAST NM 39/03 22/04
Add Dangerous submerged rock [K13] "Rep (2002)" 7° 10.8′ S 158° 22.2′ E
(8(861)04 Taunton)

82020 7Ed. 4/13/96 LAST NM 22/04 8/07
Add Depth 653 meters enclosed by dashed-line circle 17° 49.0′ S 155° 27.0′ E
(NTM0014/2006)

82020 7Ed. 4/13/96 LAST NM 8/07 13/07
Delete Depth 20.1 meters, blue tint and enclosing dotted-line 8° 24.5′ S 160° 09.0′ E
(NTM0014/2006)

82020 7Ed. 4/13/96 LAST NM 13/07 34/07
Add Depth 1774 meters (ED) 17° 20.8′ S 167° 25.8′ E
Depth 840 meters 17° 38.5′ S 164° 00.5′ E

Depth 719 meters "Rep (1957)" [I3.2] (ED) 17° 15.7′ S 165° 00.0′ E
(NTM0011/2007)

82020 7Ed. 4/13/96 LAST NM 34/07 8/09
Add Depth 1800 meters 17° 00.0′ S 171° 39.0′ E
Depth 1464 meters 17° 58.0′ S 170° 04.0′ E
Depth 1961 meters 17° 33.0′ S 171° 42.0′ E
(NTM0038/2008)

82020 7Ed. 4/13/96 LAST NM 8/09 3/11
Substitute Depth 58 meters "Rep (2001)" for 64 meters 8° 36.0′ S 159° 36.0′ E
(UKHO ARCS 3997-0)

★**82025** 3Ed. 10/9/82 NEW EDITION 50/82
(DMAHTC)

82025 3Ed. 10/9/82 LAST NM 50/82 8/83
Add Light Fl(3) 10s 39ft 8M 16° 03.9′ S 167° 26.8′ E
(48(2986)82 Taunton)

82025 3Ed. 10/9/82 LAST NM 8/83 28/83
Add Position circle "Raft (Fl 4s)" Ra Ref 15° 40.74′ S 166° 59.25′ E
(16(1072)83 Taunton)

82025 3Ed. 10/9/82 LAST NM 28/83 4/84
Add Light Fl(2) 10s 29ft 8M (PA) 19° 31.3′ S 169° 14.8′ E
(50(3289)83 Taunton)

82025 3Ed. 10/9/82 LAST NM 4/84 12/84
Add Light Fl 5s 62ft 10M (PA) 16° 15.8′ S 167° 55.2′ E
(5(301)84 Taunton)

82025 3Ed. 10/9/82 LAST NM 12/84 16/84
Add Depth 20 fathoms "Rep (1983)" with legend "Volcanic activity" 15° 01.8′ S 167° 10.8′ E
(9(565)84 Taunton)

82025 3Ed. 10/9/82 LAST NM 16/84 31/84
Add Position circle with legend "Raft (lighted)" Ra Ref 15° 22.0′ S 167° 22.2′ E
(20(1285)84 Taunton)

82025 3Ed. 10/9/82 LAST NM 31/84 21/85
Delete Depth 400 fathoms 19° 29.0′ S 168° 08.0′ E

Add Legend "(ED)" to depth 100 fathoms 18° 27.0′ S 168° 21.8′ E
(NVS7453/85)

82025 3Ed. 10/9/82 LAST NM 21/85 27/85
Add Depth 205 fathoms 17° 17.2′ S 168° 36.5′ E
(16(1072)85 Taunton)

82025 3Ed. 10/9/82 LAST NM 27/85 29/85
Add Depths
121 fathoms 18° 11.0′ S 168° 48.6′ E
33 fathoms 18° 23.0′ S 168° 29.3′ E
32 fathoms 18° 29.3′ S 168° 31.6′ E
178 fathoms 18° 48.3′ S 169° 33.1′ E
99 fathoms 19° 30.1′ S 169° 37.6′ E
88 fathoms 19° 14.9′ S 169° 24.6′ E
(17(1152)85 Taunton)

82025 3Ed. 10/9/82 LAST NM 29/85 31/85
Add Depth 29 fathoms "Rep (1985)" (PA) 14° 57′ S 167° 11′ E
(19(1267)85 Taunton)

82025 3Ed. 10/9/82 LAST NM 31/85 36/85
Delete Depths
38 fathoms (PA) 17° 56.0′ S 168° 26.0′ E
9 1/4 fathoms (PA) 17° 58.8′ S 168° 22.7′ E
(21(36)85 Brest)

82025 3Ed. 10/9/82 LAST NM 36/85 6/87
Delete Depths
20 fathoms "Rep (1983)" 15° 01.8′ S 167° 10.8′ E
192 fathoms 15° 32.2′ S 167° 18.1′ E

Add Depths
128 fathoms 15° 30.0′ S 167° 21.5′ E
140 fathoms 15° 32.1′ S 167° 18.8′ E
124 fathoms 16° 13.2′ S 167° 44.8′ E
145 fathoms 16° 15.2′ S 167° 51.8′ E
12 fathoms 15° 04.6′ S 167° 12.0′ E
22 fathoms 15° 06.2′ S 167° 14.5′ E
(43(3148), 50(3695)86 Taunton)

82025 3Ed. 10/9/82 LAST NM 6/87 22/87
Add Danger circle "Shoal Rep" 17° 31.1′ S 168° 27.8′ E
(13(1030)87 Taunton)

82025 3Ed. 10/9/82 LAST NM 22/87 44/87
Change Characteristic of light to Fl 4s 15° 31.3′ S 167° 14.3′ E
(BA LL)

82025 3Ed. 10/9/82 LAST NM 44/87 46/87
Change Characteristic of light to Fl(4) 60s 15° 31.3′ S 167° 14.3′ E
(BA LL)

82025 3Ed. 10/9/82 LAST NM 46/87 15/88
Substitute Depth 20 fathoms for 19 fathoms 15° 01.7′ S 167° 17.5′ E
(MCNM8084/88)

82025 3Ed. 10/9/82 LAST NM 15/88 5/89
Add Position circle "Raft" 15° 49.0′ S 168° 35.0′ E
(42(3151)88 Taunton)

82025 3Ed. 10/9/82 LAST NM 5/89 7/89
Add Depths
331 fathoms 18° 34.0′ S 169° 35.6′ E
450 fathoms 19° 00.0′ S 170° 01.6′ E
269 fathoms 20° 17.7′ S 169° 13.0′ E
450 fathoms 20° 24.5′ S 169° 27.0′ E
(34(32)88 Brest)

82025 3Ed. 10/9/82 LAST NM 7/89 14/89
Change Light to L Fl 5s 79ft 7M 15° 34.2′ S 167° 17.3′ E
(BA CH 179; BA LL)

82025 3Ed. 10/9/82 LAST NM 14/89 39/89
Delete Depth 650 fathoms 15° 56.3′ S 166° 04.7′ E

(continued on next page)

82025 (Continued) 39/89
Substitute Depth 41 fathoms for 240 fathoms 17° 36.7′ S 168° 08.5′ E

Add Depths
69 fathoms 15° 37.8′ S 166° 43.5′ E
141 fathoms 15° 49.9′ S 166° 48.6′ E
186 fathoms 16° 13.9′ S 167° 12.6′ E
60 fathoms 17° 13.6′ S 168° 22.7′ E
197 fathoms 17° 20.4′ S 168° 21.3′ E
113 fathoms 17° 26.8′ S 168° 18.6′ E
105 fathoms 17° 39.4′ S 168° 08.4′ E

Depths, each enclosed by danger circle
5 fathoms 15° 23.2′ S 166° 34.6′ E
1 fathom 15° 56.7′ S 166° 04.2′ E
3 fathoms 15° 56.9′ S 166° 09.5′ E
(26(1967)89 Taunton)

82025 3Ed. 10/9/82 LAST NM 39/89 6/93
Delete Position circles
"Raft (lighted)" Ra Ref 15° 22.0′ S 167° 22.2′ E
"Raft (Fl 4s)" Ra Ref 15° 40.7′ S 166° 59.2′ E

Add Position circle "Raft" 15° 43.0′ S 167° 00.0′ E
(34(2533), 36(2665)92 Taunton)

82025 3Ed. 10/9/82 LAST NM 6/93 44/94
Delete Depth 20 fathoms 15° 02′ S 167° 17′ E
(MCC1337/94)

82025 3Ed. 10/9/82 LAST NM 44/94 50/96
Add Depth
166 fathoms 17° 32.6′ S 169° 22.8′ E
275 fathoms 17° 59.5′ S 169° 39.1′ E
(Fr CH 7321)

82025 3Ed. 10/9/82 LAST NM 50/96 20/01
Add Depth 15 fathoms enclosed by danger circle
16° 40.7′ S 168° 23.2′ E

Legend "CAUTION NO 7" 16° 40.0′ S 168° 26.0′ E

Caution No. 7 to CAUTIONS note "7. In the areas centered on 16° 41′ S, 168° 23′ E and 16° 50′ S, 168° 32′ E recent submarine volcanic activity may have resulted in changes in the configuration of the seabed. Depths in these areas may differ considerably from those charted." 19° 50.0′ S 166° 25.0′ E
(BA CH 1570)

82025 3Ed. 10/9/82 LAST NM 20/01 34/07
Substitute Depth 340 fathoms for 750 fathoms 20° 01.0′ S 169° 27.5′ E
Depth 253 fathoms for 331 fathoms 18° 34.0′ S 169° 35.6′ E

Add Depth 350 fathoms 18° 00.0′ S 168° 12.0′ E
Depth 170 fathoms 18° 36.7′ S 168° 31.5′ E
Depth 156 fathoms 18° 50.6′ S 168° 25.5′ E
Depth 192 fathoms 19° 48.3′ S 169° 24.8′ E
Depth 456 fathoms 18° 50.2′ S 169° 53.9′ E
Depth 393 fathoms 18° 20.5′ S 169° 59.5′ E
Depth 369 fathoms 18° 08.8′ S 168° 12.4′ E
Depth 240 fathoms 19° 33.0′ S 169° 05.0′ E
(NTM0011/2007)

82025 3Ed. 10/9/82 LAST NM 34/07 8/09
Substitute Depth 295 fathoms for 450 fathoms 19° 00.0′ S 170° 01.6′ E

Add Depth 412 fathoms 19° 15.0′ S 170° 06.0′ E
Depth 427 fathoms 19° 24.5′ S 170° 08.5′ E
(NTM0038/2008)

★**82030** 8Ed. 9/22/84 NEW EDITION 46/84
Delete Legend "Exting (1983)" 16° 54.0′ S 179° 20.0′ E
(DMAHTC)

82030 8Ed. 9/22/84 LAST NM 46/84 50/84
Delete Depths
29 fathoms "Rep (1972)" 21° 00.1′ S 170° 00.5′ E
53 fathoms "Rep (1981)" 20° 59.3′ S 170° 17.2′ E

Add Depth
21 fathoms 21° 00.5′ S 170° 03.3′ E
42 fathoms 20° 59.5′ S 170° 17.5′ E
84 fathoms 20° 52.1′ S 170° 01.0′ E
(43(2821)84 Taunton)

82030 8Ed. 9/22/84 LAST NM 50/84 2/85
Delete R Bn (AERO) 18° 13.5′ S 178° 10.8′ E
(BA RA)

82030 8Ed. 9/22/84 LAST NM 2/85 18/85
Delete Depth 1¼ fathoms
"Rf. Simpson" (PA) 20° 49.3′ S 166° 17.0′ E
(7(55)85 Brest)

82030 8Ed. 9/22/84 LAST NM 18/85 21/85
Delete Danger circle and legend
"Discolored water (rep 1944)" 17° 27.0′ S 171° 28.0′ E

Add Legend "(ED)" to depths
100 fathoms 18° 27.0′ S 168° 22.0′ E
46 fathoms "Rep (1962)" 21° 05.5′ S 170° 06.0′ E
(NVS7453/85)

82030 8Ed. 9/22/84 LAST NM 21/85 27/85
Add Depth 205 fathoms 17° 17.0′ S 168° 36.5′ E
(16(1072)85 Taunton)

82030 8Ed. 9/22/84 LAST NM 27/85 31/85
Add Depth 29 fathoms "Rep (1985)" (PA) 14° 57′ S 167° 11′ E
(19(1267)85 Taunton)

82030 8Ed. 9/22/84 LAST NM 31/85 34/85
Add Light QWRG 20° 47.0′ S 164° 20.0′ E
(43(29)84 Brest)

82030 8Ed. 9/22/84 LAST NM 34/85 36/85
Delete Depths
38 fathoms (PA) 17° 56′ S 168° 26′ E
9¼ fathoms (PA) 17° 59′ S 168° 22′ E

Change Visibility (range) of light to 21M 22° 29.0′ S 166° 28.0′ E
(21(36)85 Brest)

82030 8Ed. 9/22/84 LAST NM 36/85 50/85
Change Visibility (range) of light to 23M 22° 29.0′ S 166° 28.0′ E
(See 36/85-82030)
(36(69)85 Brest)

82030 8Ed. 9/22/84 LAST NM 50/85 52/85
Substitute Depth 22 fathoms "Rep (1985)" for 55 fathoms 22° 26.9′ S 167° 13.9′ E
(42(2817)85 Taunton)

82030 8Ed. 9/22/84 LAST NM 52/85 45/86
Add Depth 10 fathoms 16° 37.7′ S 177° 29.9′ E
(38(2775)86 Taunton)

82030 8Ed. 9/22/84 LAST NM 45/86 50/86
Add Depth 52 fathoms 22° 16′ S 169° 03′ E
(MCNM7848/86)

82030 8Ed. 9/22/84 LAST NM 50/86 15/87
Add Depths
31 fathoms 14° 08.5′ S 167° 27.8′ E
94 fathoms 17° 02.8′ S 168° 38.0′ E
(7(540, 541)87 Taunton)

82030 8Ed. 9/22/84 LAST NM 15/87 41/87
Delete Danger circle "Discolored water (rep 1945)" 21° 12.6′ S 170° 12.9′ E
(27(2036)87 Taunton)

82030 8Ed. 9/22/84 LAST NM 41/87 1/88
Delete Depth 51 fathoms 23° 02′ S 167° 20′ E

Add Depth 48 fathoms "Rep (1967)" (PA) 23° 04′ S 167° 20′ E
(MCNM8027/87)

82030 8Ed. 9/22/84 LAST NM 1/88 15/88
Substitute Depth 20 fathoms for 19 fathoms 15° 02′ S 167° 17′ E
(MCNM8084/88)

82030 8Ed. 9/22/84 LAST NM 15/88 23/88
Delete Depths
51 fathoms 23° 02′ S 168° 20′ E
48 fathoms "Rep (1967)" (PA) 23° 04′ S 167° 20′ E
(Cancels 1/88-82030)

Add Depth 48 fathoms "Rep (1967)" (PA) 23° 04′ S 168° 20′ E
(MCNM8027/87)

82030 8Ed. 9/22/84 LAST NM 23/88 5/89
Delete Light 21° 20.2′ S 164° 57.0′ E
(45(38)88 Brest)

82030 8Ed. 9/22/84 LAST NM 5/89 7/89
Delete Depths
580 fathoms 19° 01′ S 170° 03′ E
739 fathoms 19° 30′ S 170° 34′ E

Add Depths
331 fathoms 18° 34.0′ S 169° 35.6′ E
450 fathoms 19° 00.0′ S 170° 01.6′ E
269 fathoms 20° 17.7′ S 169° 13.0′ E
420 fathoms 20° 27.0′ S 167° 01.2′ E
500 fathoms 19° 30.0′ S 170° 34.0′ E
410 fathoms 21° 40.5′ S 162° 37.6′ E
(34(32)88 Brest)

82030 8Ed. 9/22/84 LAST NM 7/89 11/89
Add Depths
223 fathoms 23° 17.5′ S 168° 10.0′ E
251 fathoms 23° 12.5′ S 167° 50.9′ E
(Fr CH 6768)

82030 8Ed. 9/22/84 LAST NM 11/89 34/89
Add Depth 184 fathoms "Rep (1989)" 22° 00′ S 174° 04′ E
(MCNM1087/89)

82030 8Ed. 9/22/84 LAST NM 34/89 38/89
Add Depth 311 fathoms 23° 14.0′ S 167° 08′ E
(MCNM1103/89)

82030 8Ed. 9/22/84 LAST NM 38/89 39/89
Delete Depth 650 fathoms 15° 57.0′ S 166° 04.9′ E

Substitute Depth 141 fathoms for 290 fathoms 15° 51.6′ S 166° 50.5′ E

Add Depths, each enclosed by danger circle
1 fathom 15° 56.9′ S 166° 03.9′ E
3 fathoms 15° 57.5′ S 166° 09.8′ E
(26(1967)89 Taunton)

82030 8Ed. 9/22/84 LAST NM 39/89 1/90
Change Characteristic of light to Fl(3) 18° 24′ S 178° 11′ E
(38(2867)89 Taunton)

82030 8Ed. 9/22/84 LAST NM 1/90 6/90
Add Depth 20 fathoms enclosed by
danger circle 22° 20.1′ S 171° 23.1′ E
(37(34)89 Brest)

82030 8Ed. 9/22/84 LAST NM 6/90 33/90
Add Light Dir Q 11M 22° 23.8′ S 166° 55.3′ E
(13(78)90 Brest)

82030 8Ed. 9/22/84 LAST NM 33/90 8/91
Add Danger circle
"Volcanic activity (1990)" (PA) 19° 10.0′ S 175° 41.0′ E
(1(70)91 Taunton)

82030 8Ed. 9/22/84 LAST NM 8/91 35/93
Add Legend "Rep to lie 5 miles NE (1991)" 15° 45′ S 175° 52′ E

Depth 124 fathoms 18° 01′ S 176° 17′ E
(24(185)93 Auckland)

82030 8Ed. 9/22/84 LAST NM 35/93 16/94
Delete Depth 4 1/4 fathoms 20° 12.8′ S 164° 10.5′ E
(48(53)93 Brest)

82030 8Ed. 9/22/84 LAST NM 16/94 20/94
Add Depth 16 fathoms "Rep (1994)" 20° 21.5′ S 176° 54.3′ E
(14(1149)94 Taunton)

82030 8Ed. 9/22/84 LAST NM 20/94 31/94
Add Depth 3 meters with
legend "Reef" 19° 34.9′ S 163° 42.2′ E

Danger circle "Reef" (PA) 19° 31.3′ S 163° 40.2′ E
(27(55)90 Brest)

82030 8Ed. 9/22/84 LAST NM 31/94 44/94
Delete Depth 20 fathoms 15° 02′ S 167° 17′ E
(MCC1337/94)

82030 8Ed. 9/22/84 LAST NM 44/94 28/95
Delete Depth 315 fathoms 16° 03′ S 177° 56′ E

Add Depth 246 fathoms 16° 05′ S 177° 56′ E
(21(166)95 Auckland)

82030 8Ed. 9/22/84 LAST NM 28/95 30/95
Substitute Depth
280 fathoms for
6 fathoms "Rep (1943)" 22° 57′ S 167° 49′ E
507 fathoms for
danger circle "Rep (1943)" 23° 00′ S 167° 57′ E
17 fathoms for
3 fathoms 22° 52′ S 167° 40′ E
Note: Legend "Bc. de la Torche"
remains
(18(43)95 Brest)

82030 8Ed. 9/22/84 LAST NM 30/95 41/95
Delete Depth 184 fathoms "Rep (1989)" 22° 00′ S 174° 04′ E

Add Depth 158 fathoms 21° 59′ S 174° 05′ E
(34(2830)95 Taunton)

82030 8Ed. 9/22/84 LAST NM 41/95 43/95
Delete R Bn (AERO) 17° 48′ S 177° 26′ E
(BA RA)

82030 8Ed. 9/22/84 LAST NM 43/95 7/96
Add Depth
105 fathoms 18° 44.7′ S 163° 12.0′ E
95 fathoms 18° 36.1′ S 163° 19.0′ E
98 fathoms 18° 40.0′ S 163° 23.8′ E
(40(43)95 Brest)

82030 8Ed. 9/22/84 LAST NM 7/96 17/96
Add Danger circle
"Submarine Volcano Rep (1996)" 20° 58.8′ S 170° 17.1′ E
(11(940)96 Taunton)

82030 8Ed. 9/22/84 LAST NM 17/96 22/96
Delete Depth 41 fathoms 21° 08′ S 167° 33′ E

Substitute Depth 27 fathoms for 39 fathoms 21° 03′ S 167° 44′ E
(5(44)96 Brest)

82030 8Ed. 9/22/84 LAST NM 22/96 30/96
Delete Danger circle and legend
"Discol...(1906)" 19° 03′ S 171° 41′ E
"Discol...(1944)" 18° 38′ S 171° 01′ E
"PD" 22° 33′ S 168° 55′ E
"Rep (1945)" 23° 10′ S 170° 50′ E

Dashed-line circle and legend
"Discol...(1979)" 21° 47′ S 171° 30′ E

Depth
700 fathoms 20° 24′ S 169° 09′ E
105 fathoms "Rep (1981)" 22° 19′ S 171° 41′ E
143 fathoms "Rep (1960)" 22° 22′ S 171° 40′ E
115 fathoms 22° 22′ S 171° 36′ E
76 fathoms "Rep (1951)" 22° 18′ S 169° 00′ E
22 fathoms "Rep (1966)" 22° 21′ S 169° 02′ E
13 fathoms "Rep (1909)" 22° 26′ S 169° 01′ E
15 fathoms 22° 29′ S 169° 01′ E
31 fathoms 23° 21′ S 168° 05′ E
32 fathoms "Rep (1968)" 23° 23′ S 168° 03′ E
10 fathoms "Rep (1942)" 22° 57′ S 168° 22′ E

Substitute Depth 14 fathoms for 15 fathoms
"Rep (1969)" 22° 56′ S 169° 27′ E

(continued on next page)

82030 (Continued) 30/96
Add Depth
339 fathoms 20° 25′ S 169° 10′ E
289 fathoms 19° 14′ S 164° 54′ E
10 fathoms "Rep" 22° 59′ S 168° 20′ E
19 fathoms 22° 24′ S 169° 04′ E
101 fathoms 22° 22′ S 171° 41′ E

Legend "Antigonia Reef" to depth 28 fathoms 23° 27′ S 168° 07′ E
(Fr CH 7321)

82030 8Ed. 9/22/84 LAST NM 30/96 39/96
Add Light Fl 11M Racon 22° 20.1′ S 167° 01.0′ E
(24(44)96 Brest; Fr LL)

82030 8Ed. 9/22/84 LAST NM 39/96 40/96
Substitute Depth 24 fathoms for 42 fathoms 20° 59.5′ S 170° 17.5′ E
(27(46)96 Brest)

82030 8Ed. 9/22/84 LAST NM 40/96 50/96
Add Depth
166 fathoms 17° 32′ S 169° 23′ E
275 fathoms 18° 00′ S 169° 39′ E
(Fr CH 7321)

82030 8Ed. 9/22/84 LAST NM 50/96 24/97
Delete Depth 27 fathoms "Rep (1967)" 23° 24′ S 167° 06′ E
(8(36)97 Brest)

82030 8Ed. 9/22/84 LAST NM 24/97 49/97
Add R Bn (AERO) 21° 15.5′ S 165° 36.7′ E
(9(65)88 Brest)

82030 8Ed. 9/22/84 LAST NM 49/97 15/98
Delete Depth
54 fathoms "Rep (1967)" 23° 18′ S 167° 22′ E
30 fathoms "Rep (1944)" 23° 03′ S 167° 38′ E
(1(23)98 Brest)

82030 8Ed. 9/22/84 LAST NM 15/98 17/98
Delete Depth 10 fathoms "Rep" 22° 59′ S 168° 20′ E
(30(34)97 Brest)

82030 8Ed. 9/22/84 LAST NM 17/98 7/99
Substitute Depth 4 fathoms for 25 fathoms 20° 58′ S 165° 32′ E
(43(34)98 Brest)

82030 8Ed. 9/22/84 LAST NM 7/99 47/99
Add Danger circle "Shoal Rep (1999)" 22° 11.0′ S 171° 10.0′ E
(27(2499)99 Taunton; NTM0034/1999)

82030 8Ed. 9/22/84 LAST NM 47/99 14/01
Change Light to Dir Fl 16M 21° 36.7′ S 166° 12.7′ E
(Fr LL)

82030 8Ed. 9/22/84 LAST NM 14/01 19/01
Add Light Q(3) 10s 20° 40.4′ S 164° 14.9′ E
(44(50)00 Brest)

82030 8Ed. 9/22/84 LAST NM 19/01 39/01
Add Depth 5 ½ fathoms "Rep (2001)" [I3.2]
15° 57.2′ S 175° 38.8′ E
(20(168)01 Wellington)

82030 8Ed. 9/22/84 LAST NM 39/01 12/02
Add Danger circle [K1] "Volcanic Activity Rep (2001)" 18° 46.5′ S 179° 10.8′ E
(3(34)02 Wellington)

82030 8Ed. 9/22/84 LAST NM 12/02 18/02
Change Light to Iso 16M 22° 16.3′ S 166° 27.7′ E
(Fr LL)

82030 8Ed. 9/22/84 LAST NM 18/02 11/05
Add "Restricted Area" bound by chart border and purple composite line [N2.1] joining
23° 30.0′ S 167° 00.0′ E
23° 15.0′ S 167° 00.0′ E
23° 15.0′ S 169° 00.0′ E
23° 30.0′ S 169° 00.0′ E

Legend "Coastal shipping and dredging prohibited" 23° 20.0′ S 168° 00.0′ E
(23(33)04 Brest)

82030 8Ed. 9/22/84 LAST NM 11/05 15/05
Add Submarine cable [L30.1] joining 18° 10.0′ S 178° 28.1′ E
18° 17.0′ S 178° 25.2′ E
18° 25.8′ S 178° 21.3′ E
(5(55)04 Wellington)

82030 8Ed. 9/22/84 LAST NM 15/05 17/05
Change Legend to "Coastal shipping, trawling and dredging prohibited" 23° 20.0′ S 168° 00.0′ E
(See 11/05-82030)
(16(159)04 Wellington)

82030 8Ed. 9/22/84 LAST NM 17/05 39/05
Add Dashed-line circle with blue tint [Ke]
"Discol water (2000)" 20° 13.7′ S 176° 40.5′ E
Dashed-line circle with blue tint [Ke]
"Discol water (1999)" 15° 37.0′ S 176° 04.5′ E
(NTM0016/2005; 3(268)00 Taunton)

82030 8Ed. 9/22/84 LAST NM 39/05 34/07
Delete Dotted-line circle, blue tint and legend
"Discolored water (rep 1944)" 17° 12.0′ S 164° 56.0′ E

Substitute Depth 253 fathoms for 331 fathoms 18° 34.0′ S 169° 35.6′ E
Depth 340 fathoms for 750 fathoms 20° 00.0′ S 169° 27.5′ E

Add Depth 530 fathoms 19° 04.0′ S 164° 01.0′ E
Depth 184 fathoms 20° 51.2′ S 167° 29.1′ E
Depth 970 fathoms (ED) 17° 20.8′ S 167° 25.8′ E
Depth 401 fathoms 18° 14.0′ S 169° 47.9′ E
Depth 350 fathoms 18° 00.0′ S 168° 12.0′ E
Depth 369 fathoms 18° 08.8′ S 168° 12.4′ E
Depth 121 fathoms 18° 11.5′ S 168° 49.0′ E
Depth 170 fathoms 18° 36.7′ S 168° 31.5′ E
Depth 156 fathoms 18° 50.6′ S 168° 25.5′ E
Depth 393 fathoms 18° 20.5′ S 169° 59.5′ E

Depth 99 fathoms enclosed by depth contour (100-fathom) centered 19° 30.7′ S 169° 36.9′ E

Depth 192 fathoms 19° 48.3′ S 169° 24.8′ E
Depth 456 fathoms 18° 50.2′ S 169° 53.9′ E
Depth 240 fathoms 19° 33.0′ S 169° 05.0′ E
Depth 678 fathoms (ED) 19° 53.5′ S 168° 26.0′ E
Depth 459 fathoms 17° 38.5′ S 164° 00.3′ E
Depth 450 fathoms 21° 17.0′ S 162° 44.0′ E

Depth 393 fathoms "Rep (1957)" [I3.2] (ED)
17° 15.7′ S 165° 00.0′ E

Depth 550 fathoms "Rep" [I3.2] 18° 36.3′ S 167° 48.5′ E

Depth 31 fathoms enclosed by depth contour (100-fathom) centered 18° 30.0′ S 168° 31.0′ E

Depth 105 fathoms 22° 18.5′ S 168° 41.7′ E
(NTM0011/2007)

82030 8Ed. 9/22/84 LAST NM 34/07 42/07
Add Depth 177 fathoms 23° 27.5′ S 167° 50.5′ E
Depth 365 fathoms 23° 22.0′ S 169° 37.0′ E
(NTM0011/2007)

82030 8Ed. 9/22/84 LAST NM 42/07 8/09
Substitute Depth 295 fathoms for 450 fathoms 19° 00.0′ S 170° 02.0′ E
Depth 540 fathoms for 666 fathoms 20° 31.0′ S 177° 27.0′ E

Add Depth 273 fathoms 21° 30.0′ S 170° 10.0′ E
Depth 286 fathoms 19° 53.0′ S 170° 38.0′ E
Depth 306 fathoms "Rep" 21° 35.0′ S 173° 40.0′ E
Depth 344 fathoms "Rep" 22° 10.0′ S 173° 08.0′ E
Depth 550 fathoms 21° 29.0′ S 175° 40.0′ E
Depth 483 fathoms 21° 58.0′ S 173° 13.0′ E
Depth 257 fathoms 22° 05.0′ S 173° 46.0′ E
Depth 607 fathoms 17° 24.0′ S 172° 01.0′ E
Depth 1053 fathoms 22° 27.0′ S 170° 06.0′ E
Depth 743 fathoms 21° 32.0′ S 175° 16.0′ E
Depth 776 fathoms 22° 17.0′ S 174° 47.0′ E
Depth 404 fathoms 21° 55.0′ S 174° 17.0′ E
Depth 475 fathoms 22° 21.0′ S 172° 36.0′ E

(continued on next page)

82030 (Continued) 8/09
Depth 918 fathoms 21° 13.0′ S 174° 18.0′ E
Depth 984 fathoms 17° 00.0′ S 171° 39.0′ E
Depth 800 fathoms 17° 58.0′ S 170° 04.0′ E
Depth 1072 fathoms 17° 33.0′ S 171° 42.0′ E
Depth 412 fathoms 19° 15.0′ S 170° 06.0′ E
Depth 427 fathoms 19° 24.0′ S 170° 08.0′ E
Depth 683 fathoms 21° 38.0′ S 179° 06.0′ E
Depth 417 fathoms 19° 56.0′ S 177° 43.0′ E
Depth 689 fathoms 19° 38.0′ S 177° 28.0′ E
Depth 801 fathoms 21° 01.0′ S 176° 47.0′ E
Depth 578 fathoms 21° 19.0′ S 176° 06.0′ E
(NTM0038/2008)

★82030 8Ed. 9/22/84 LAST NM 8/09 4/10
Add "Depths to 281fms rep (2009)" area bound by chart border and dashed-line greater arc of a circle, radius 8 miles, centered 15° 59.0′ S 179° 26.0′ E
arc between 15° 52.0′ S 179° 30.0′ E
16° 06.0′ S 179° 30.0′ E
Note: Area extends beyond chart border

"Depths to 138fms rep (2009)" area bound by dashed-line circle, radius 10 miles, centered
21° 44.0′ S 174° 38.5′ E
"Depths to 301fms rep (2009)" area bound by dashed-line circle, radius 5 miles, centered
19° 21.0′ S 165° 26.0′ E
(NTM0011/2009)

★82030 8Ed. 9/22/84 LAST NM 4/10 7/10
Add "Shoal rep (2009)" area bound by dotted line joining 16° 43.0′ S 177° 09.5′ E
16° 43.0′ S 177° 20.0′ E
16° 35.0′ S 177° 29.0′ E
16° 40.0′ S 177° 34.5′ E
17° 00.0′ S 177° 16.0′ E
17° 00.0′ S 176° 53.0′ E

"Shoal rep (2009)" area bound by chart border and dotted line joining 20° 56.8′ S 162° 30.0′ E
21° 00.0′ S 162° 35.0′ E
21° 38.0′ S 162° 35.0′ E
21° 36.8′ S 162° 30.0′ E
Note: Area extends beyond chart border
(NTM0011/2009)

★82050 2Ed. 12/2/95 NEW EDITION 6/96
(DMA)

82050 2Ed. 12/2/95 LAST NM 6/96 14/96
Add Legend
"Rep to lie 1.8 miles NE (1987)" 0° 45.8′ S 145° 21.5′ E
(3(66)96 Wollongong)

82050 2Ed. 12/2/95 LAST NM 14/96 19/08
Add Danger circle [K1] "Reef Rep (1962)"
1° 09′ 30″S 143° 09′ 00″E
(NTM0015/2008)

★82060 4Ed. 1/6/96 NEW EDITION 15/96
Add Light
Fl 2 ½s 7m 10M 2° 01.9′ S 147° 24.4′ E
Q WRG 10m 9M 2° 02.2′ S 147° 25.2′ E
(DMA; Aus CH 576; BA LL)

82060 4Ed. 1/6/96 LAST NM 15/96 3/01
Change Visibility (range) of light to 10M 1° 57′ 15″S 147° 19′ 03″E
(2(69)00 Wollongong)

82060 4Ed. 1/6/96 LAST NM 3/01 10/06
Add Depth 368 meters 2° 02′ 06″S 145° 57′ 06″E
(NTM0008/2006)

★82071 6Ed. 8/8/98 NEW EDITION 47/98
Change Beacon to G, cone topmark, Fl(2) G 8s 2° 01′ 23″S 147° 22′ 47″E

Add Color G to beacon 1° 59′ 15″S 147° 19′ 42″E

(Plan A)
Change Light to QG 4m 4M 2° 02′ 31″S 147° 22′ 27″E
(NIMA; BA LL)

82071 6Ed. 8/8/98 LAST NM 47/98 3/01
Change Visibility (range) of light to 10M
1° 57′ 37.8″S 147° 19′ 03.4″E
(2(69)00 Wollongong)

82071 6Ed. 8/8/98 LAST NM 3/01 36/01
(Plan A)
Add Stranded wreck [K24] 2° 03′ 00.0″S 147° 22′ 30.0″E
(17(463)00 Wollongong)

★82093 3Ed. 6/30/90 NEW EDITION 38/90
(DMAHTC)

82093 3Ed. 6/30/90 LAST NM 38/90 14/92
Change Visibility (range) of lights to
12M 2° 42.5′ S 150° 36.8′ E
4M 2° 38.2′ S 150° 37.5′ E
(49(632)91 Sydney)

82093 3Ed. 6/30/90 LAST NM 14/92 11/95
Add Depth 9.1 meters 2° 39′ 31″S 150° 45′ 07″E
(2(61)95 Wollongong)

82093 3Ed. 6/30/90 LAST NM 11/95 52/97
Delete Light 2° 35′ 33″S 150° 47′ 04″E
(21(574)97 Wollongong)

82093 3Ed. 6/30/90 LAST NM 52/97 49/13
Add Submarine cable [L30.1] between
2° 36′ 40.3″S 150° 46′ 38.1″E
2° 36′ 14.4″S 150° 46′ 13.8″E
(21(1046)13 Wollongong)

★82095 2Ed. 11/18/95 NEW EDITION 1/96
(DMA)

82095 2Ed. 11/18/95 LAST NM 1/96 14/96
Add Legend
"Rep to lie about 2 miles SW (1985)"
1° 24.5′ S 149° 35.4′ E
"Rep to lie about 3 miles SW" 1° 38.7′ S 150° 01.5′ E
(3(66)96 Wollongong)

82095 2Ed. 11/18/95 LAST NM 14/96 12/04
Change Visibility (range) of light to 10M 3° 00′ 00″S 150° 43′ 42″E
(1(45)00 Wollongong)

★82095 2Ed. 11/18/95 LAST NM 12/04 34/10
Add Depth 509 meters 1° 19′ 54″S 149° 10′ 18″E
(NTM0019/2010)

★82105 2Ed. 7/13/96 NEW EDITION 36/96
(DMA)

82105 2Ed. 7/13/96 LAST NM 36/96 12/04
Change Visibility (range) of light to 10M 3° 00′ 06″S 150° 43′ 42″E
(1(45)00 Wollongong)

★82107 4Ed. 7/4/98 NEW EDITION 45/98
(NIMA)

82107 4Ed. 7/4/98 LAST NM 45/98 49/13
Add Submarine cable [L30.1] between
2° 36′ 42.2″S 150° 46′ 39.8″E
2° 36′ 15.3″S 150° 46′ 15.5″E
(21(1046)13 Wollongong)

★82192 6Ed. 8/11/90 NEW EDITION 43/90
(DMAHTC)

82192 6Ed. 8/11/90 LAST NM 43/90 17/93
Change Visibility (range) of light to
18M 4° 11′ 42″S 152° 10′ 04″E
14M 4° 11′ 56″S 152° 10′ 07″E
7M 4° 14′ 52″S 152° 11′ 07″E
9M 4° 15′ 27″S 152° 13′ 27″E

Light to Fl(2) R 6s 4m 6M 4° 14′ 11″S 152° 10′ 08″E
(9(144)93 Sydney)

82192 6Ed. 8/11/90 LAST NM 17/93 48/95
Add Danger circle "Obstn" (PA) 4° 20′ 31″S 152° 17′ 29″E
(35(422)95 Wollongong)

82192 6Ed. 8/11/90 LAST NM 48/95 49/95
Delete Legend "Rep (1983)" from depth 292 meters 4° 17′ 05″S 152° 18′ 24″E
(37(440)95 Wollongong)

82192 6Ed. 8/11/90 LAST NM 49/95 50/95
Delete Depth 29 meters 4° 15′ 10″S 152° 10′ 07″E
Buoy (mooring) 4° 12′ 20″S 152° 09′ 44″E

Buoy 4° 12′ 30″S 152° 09′ 43″E
4° 12′ 39″S 152° 09′ 39″E

Add Depth 15.5 meters 4° 15′ 14.0″S 152° 10′ 05.7″E

Buoy (mooring) 4° 12′ 03.9″S 152° 10′ 29.7″E
4° 12′ 15.8″S 152° 09′ 48.0″E
4° 12′ 25.3″S 152° 09′ 35.7″E
(38(455)95 Wollongong)

82192 6Ed. 8/11/90 LAST NM 50/95 50/96
Delete Light 4° 14′ 52″S 152° 11′ 07″E
R Bn (AERO) 4° 13′ 50″S 152° 11′ 20″E

Substitute Beacon for light 4° 14′ 11″S 152° 10′ 09″E

Position circle for light 4° 12′ 23″S 152° 10′ 44″E
Note: Legend "Mast (30)" remains
(33(543, 544)96 Wollongong)

82192 6Ed. 8/11/90 LAST NM 50/96 2/98
Delete Position circles (5) and legend "TRS" in vicinity 4° 13′ 21″S 152° 11′ 16″E

Position circle "TR" 4° 13′ 27″S 152° 11′ 26″E

Add Legend "(Destroyed)" 4° 13′ 27″S 152° 11′ 12″E
(24(650)97 Wollongong; Aus CH 680)

82192 6Ed. 8/11/90 LAST NM 2/98 8/98
Add Legend "SHOALING (CAUTION NO 2)" 4° 12′ 18″S 152° 10′ 17″E

Caution No. 2 to CAUTIONS note
"2. Shoaling has been reported in the vicinity of the berths in Simpson Harbor." 4° 20′ 33″S 152° 11′ 42″E
(24(670)97 Wollongong)

82192 6Ed. 8/11/90 LAST NM 8/98 39/98
Add Stranded wreck 4° 18′ 14″S 152° 10′ 08″E
4° 18′ 30″S 152° 11′ 03″E
4° 17′ 53″S 152° 12′ 20″E
4° 17′ 41″S 152° 12′ 33″E
4° 19′ 56″S 152° 15′ 36″E
4° 19′ 58″S 152° 15′ 59″E
4° 20′ 12″S 152° 15′ 56″E
4° 20′ 30″S 152° 16′ 32″E
(Aus CH 680)

82192 6Ed. 8/11/90 LAST NM 39/98 46/98
Add Chartlet, depicting changes in hydrography and topography, from Subsection I-2
(A) 4° 13′ 30″S 152° 10′ 00″E
(B) 4° 15′ 30″S 152° 10′ 00″E
(Aus CH 680)

82192 6Ed. 8/11/90 LAST NM 46/98 43/03
Delete Beacon 4° 14′ 09.5″S 152° 10′ 07.5″E

Add Beacon R, can topmark, Fl(2) R 6s 4° 14′ 08.4″S 152° 10′ 07.5″E
(See 46/98-82192)
(7(210)00 Wollongong)

★82200 2Ed. 11/18/95 NEW EDITION 30/96
Delete Legend
"Rep (1983)" from depth 292 meters 4° 17.1′ S 152° 18.2′ E
"Rep (1987)" from depth 311 meters 4° 17.2′ S 152° 22.5′ E
(Previously published 49/95)
(DMA)

82200 2Ed. 11/18/95 LAST NM 30/96 50/96
Delete Light 4° 14.8′ S 152° 11.2′ E
R Bn (AERO) 4° 13.8′ S 152° 11.4′ E
(33(543, 544)96 Wollongong)

82200 2Ed. 11/18/95 LAST NM 50/96 23/97
Delete Legend "Shoal...1924)" 4° 47.4′ S 152° 59.8′ E

Add Legend "Shoal water Rep (1997)" between 4° 48.3′ S 152° 56.8′ E
4° 46.5′ S 152° 59.0′ E
(5(119)97 Wollongong)

82200 2Ed. 11/18/95 LAST NM 23/97 34/97
Delete Depth 18.3 meters "Rep (1989)" 4° 03.3′ S 152° 13.8′ E

Add Depth 28 meters 4° 04.3′ S 152° 13.5′ E
(7(182)97 Wollongong; Aus CH 397)

82200 2Ed. 11/18/95 LAST NM 34/97 39/98
Substitute Depth 26.5 meters for 28 meters 4° 04.3′ S 152° 13.5′ E
(Aus CH 680)

82200 2Ed. 11/18/95 LAST NM 39/98 49/01
Substitute Depth 5.5 meters for drying height 5.5 meters 3° 38.0′ S 152° 25.5′ E
(NTM0053/2001)

82200 2Ed. 11/18/95 LAST NM 49/01 17/03
Delete Light and sector limits 4° 11.4′ S 151° 56.3′ E
(2(66)03 Wollongong)

82200 2Ed. 11/18/95 LAST NM 17/03 41/03
Change Visibility (range) of light to 4M 4° 48.5′ S 151° 40.5′ E
(10(287)00 Wollongong)

82200 2Ed. 11/18/95 LAST NM 41/03 12/04
Change Visibility (range) of light to 10M 4° 04.5′ S 151° 30.8′ E
Visibility (range) of light to 10M 4° 09.9′ S 152° 24.7′ E
Visibility (range) of light to 10M 4° 50.8′ S 152° 52.6′ E
Visibility (range) of light to 10M 5° 27.0′ S 152° 04.8′ E
(1(45)00 Wollongong)

82200 2Ed. 11/18/95 LAST NM 12/04 36/06
Change Light to Fl 10s 13m 10M 5° 16.6′ S 150° 58.0′ E
(15(747)06 Wollongong)

★82200 2Ed. 11/18/95 LAST NM 36/06 27/08
Add Depth 3402 meters Rep "(2006)" [I3.2] 5° 24.9′ S 153° 34.1′ E
(NTM0006/2008)

★82201 2Ed. 11/18/95 NEW EDITION 7/96
Delete Legend
"Rep (1983)" from depth 292 meters 4° 17.1′ S 152° 18.4′ E
"Rep (1987)" from depth 311 meters 4° 17.2′ S 152° 23.0′ E
(Previously published 49/95)
(DMA)

82201 2Ed. 11/18/95 LAST NM 7/96 50/96
Delete Light 4° 14.2′ S 152° 10.2′ E
4° 14.8′ S 152° 11.1′ E

R Bn (AERO) 4° 13.8′ S 152° 11.3′ E
(33(543, 544)96 Wollongong)

82201 2Ed. 11/18/95 LAST NM 50/96 23/97
Delete Legend "Shoal...1929)" 4° 48.2′ S 152° 58.5′ E

(continued on next page)

82201 (Continued) 23/97
Add Legend "Shoal water Rep (1997)" between 4° 48.3′ S 152° 56.8′ E
4° 46.5′ S 152° 59.0′ E
(5(119)97 Wollongong)

82201 2Ed. 11/18/95 LAST NM 23/97 34/97
Delete Depth 18.3 meters 4° 03.5′ S 152° 13.9′ E

Add Depth 28 meters 4° 04.3′ S 152° 13.5′ E
(7(182)97 Wollongong; Aus CH 397)

82201 2Ed. 11/18/95 LAST NM 34/97 2/98
Delete Position circle "TRS" 4° 13.4′ S 152° 11.3′ E

Add Legend "(Dest.)" 4° 13.4′ S 152° 11.1′ E
(24(650)97 Wollongong; Aus CH 680)

82201 2Ed. 11/18/95 LAST NM 2/98 39/98
Delete Depth 28 meters 4° 04.3′ S 152° 13.5′ E
Legend "CAUTION NO 2" 4° 16.2′ S 152° 11.0′ E

Change Caution No. 2 of CAUTIONS note to "2. Reserved." 4° 21.2′ S 152° 51.5′ E

Add Depth
161 meters 4° 03′ 35″S 152° 13′ 09″E
75 meters 4° 04′ 07″S 152° 14′ 41″E
26.5 meters 4° 04′ 22″S 152° 13′ 38″E
78 meters 4° 04′ 28″S 152° 13′ 23″E
110 meters 4° 05′ 03″S 152° 14′ 25″E
97 meters 4° 16′ 26″S 152° 11′ 41″E
83 meters 4° 16′ 25″S 152° 11′ 08″E
(Aus CH 680)

82201 2Ed. 11/18/95 LAST NM 39/98 12/04
Change Visibility (range) of light to 10M 4° 09′ 54″S 152° 24′ 45″E
Visibility (range) of light to 10M 4° 50′ 48″S 152° 52′ 36″E
(1(45)00 Wollongong)

★**82210** 2Ed. 3/9/96 NEW EDITION 52/96
Delete Legend "CAUTION NO 3" 5° 38.5′ S 154° 33.0′ E
Caution No 3 from CAUTIONS note 5° 45.0′ S 154° 55.0′ E
(NIMA)

82210 2Ed. 3/9/96 LAST NM 52/96 42/02
Add Depth 15 meters "Rep (2000)" [I3.2] 5° 38.8′ S 154° 36.1′ E
(25(707)00 Wollongong)

82210 2Ed. 3/9/96 LAST NM 42/02 48/02
Delete Depth 84 meters 6° 04.8′ S 155° 29.3′ E

Add Depth 9.8 meters 6° 04.9′ S 155° 29.6′ E
(23(648)00 Wollongong)

82210 2Ed. 3/9/96 LAST NM 48/02 25/08
Add Light Fl 2.5s 7m 10M 5° 24.9′ S 154° 42.2′ E
(2(95)08 Wollongong; BA LL)

82210 2Ed. 3/9/96 LAST NM 25/08 27/08
Add Depth 3402 meters Rep "(2006)" [I3.2]
5° 24.9′ S 153° 34.1′ E
(NTM0006/2008)

82210 2Ed. 3/9/96 LAST NM 27/08 35/08
Add Depth 399 meters 5° 46.3′ S 154° 01.6′ E
Depth 396 meters 5° 37.1′ S 153° 59.5′ E
Depth 362 meters 5° 42.8′ S 154° 05.2′ E
Depth 407meters 5° 41.1′ S 154° 00.7′ E
Depth 386meters 5° 34.2′ S 154° 00.5′ E
(NTM0026/2007)

★**82210** 2Ed. 3/9/96 LAST NM 35/08 48/08
Add Depth 336 meters 5° 38.1′ S 154° 03.5′ E
(NTM0026/2007)

★**82215** 2Ed. 11/4/95 NEW EDITION 52/95
(DMA)

82215 2Ed. 11/4/95 LAST NM 52/95 18/96
Delete Dangerous wreck 5° 31.8′ S 150° 11.2′ E
(6(106)96 Wollongong)

82215 2Ed. 11/4/95 LAST NM 18/96 21/96
Delete Depth 31 meters "Rep (1981)" 5° 14.1′ S 150° 24.4′ E

Substitute Depth
15.8 meters "Rep (1996)" for 66 meters 5° 11.9′ S 150° 11.5′ E
14 meters "Rep (1996)" for 18.3 meters 5° 14.2′ S 150° 10.6′ E

Add Depth
4.9 meters "Rep (1996)" 5° 18.0′ S 150° 07.9′ E
17 meters "Rep (1996)" 5° 13.8′ S 150° 24.3′ E
(8(119)96 Wollongong)

82215 2Ed. 11/4/95 LAST NM 21/96 41/03
Change Visibility (range) of light to 10M 4° 59′ 54″S 150° 05′ 42″E
Visibility (range) of light to 10M 5° 12′ 18″S 150° 22′ 45″E
(10(288)00 Wollongong)

82215 2Ed. 11/4/95 LAST NM 41/03 36/06
Change Light to Fl 10s 13m 10M 5° 16′ 37″S 150° 58′ 06″E
(15(747)06 Wollongong)

★**82242** 1Ed. 5/25/91 NEW CHART 30/91
(DMAHTC)

82242 1Ed. 5/25/91 LAST NM 30/91 32/92
Change Visibility (range) of lights to
7M 6° 08′ 18″S 155° 38′ 54″E
10M 6° 08′ 44″S 155° 39′ 30″E
7M 6° 10′ 12″S 155° 39′ 00″E

Light to Fl G 5s 6m 7M 6° 12′ 33″S 155° 38′ 18″E
(16(267)92 Sydney; BA LL)

82242 1Ed. 5/25/91 LAST NM 32/92 17/98
Delete Buoy 6° 09′ 42″S 155° 33′ 59″E

Add Beacon 6° 11′ 12.6″S 155° 32′ 42.0″E
(3(92)98 Wollongong)

82242 1Ed. 5/25/91 LAST NM 17/98 38/98
Add Dangerous wreck 6° 13′ 09.3″S 155° 38′ 08.7″E
(14(375)98 Wollongong)

82242 1Ed. 5/25/91 LAST NM 38/98 47/98
Delete Position circle "Tr" 6° 10′ 53″S 155° 32′ 30″E
(18(497)98 Wollongong)

82242 1Ed. 5/25/91 LAST NM 47/98 15/00
Add Depth 16.8 meters 6° 13′ 00.2″S 155° 38′ 15.8″E
(3(94)00 Wollongong)

82242 1Ed. 5/25/91 LAST NM 15/00 34/00
Delete Depth 9.7 meters 6° 08′ 30.0″S 155° 39′ 00.0″E

Add Depth 8.6 meters 6° 08′ 24.6″S 155° 39′ 00.6″E
Depth 21.2 meters 6° 11′ 00.0″S 155° 38′ 48.0″E
(13(363)00 Wollongong)

82242 1Ed. 5/25/91 LAST NM 34/00 35/02
Delete Depth 75 meters 6° 05′ 54.0″S 155° 31′ 16.0″E

Add Depth 5.6 meters, blue tint and enclosing depth contour (10-meter) 6° 06′ 07.8″S 155° 31′ 17.4″E
(14(437)02 Wollongong)

82242 1Ed. 5/25/91 LAST NM 35/02 48/02
Delete Depth 2.4 meters 6° 13′ 37.0″S 155° 39′ 52.0″E
Depth 2.1 meters 6° 13′ 44.0″S 155° 40′ 11.0″E
Depth 3.6 meters 6° 13′ 04.0″S 155° 40′ 10.0″E
Depth 6.2 meters 6° 13′ 46.0″S 155° 43′ 00.0″E

Depth 3 meters, blue tint and enclosing depth contour in vicinity 6° 13′ 13.0″S 155° 42′ 21.0″E

Add Depth 2 meters, blue tint and enclosing depth contour (5-meter) centered
6° 10′ 05.0″S 155° 37′ 19.5″E
Depth 1.8 meters, blue tint and enclosing depth contour (2-meter) centered
6° 13′ 38.5″S 155° 39′ 55.0″E

(continued on next page)

82242 (Continued) 48/02
Depth 1.4 meters, blue tint and enclosing depth contour (2-meter) centered
6° 13′ 43.5″S 155° 40′ 14.0″E
Depth 3.4 meters, blue tint and enclosing depth contour (5-meter) centered
6° 13′ 03.0″S 155° 40′ 10.5″E
Depth 1.3 meters, blue tint and enclosing depth contour (2-meter) centered
6° 13′ 05.0″S 155° 42′ 26.0″E
Depth 3.5 meters, blue tint and enclosing depth contour (5-meter) centered
6° 13′ 45.5″S 155° 43′ 05.0″E
(23(648)00 Wollongong)

82242 1Ed. 5/25/91 LAST NM 48/02 50/02
Delete Legend "WORLD GEODETIC SYSTEM - 1984 DATUM" in left upper margin of chart

Add Datum note from Subsection I-2 in left upper margin of chart
(NTM0028/2002)

★82244 5Ed. 7/26/97 NEW EDITION 39/97
(NIMA)

82244 5Ed. 7/26/97 LAST NM 39/97 35/02
Delete Depth 75 meters 6° 05′ 48″S 155° 31′ 30″E

Add Depth 5.6 meters, blue tint and enclosing depth contour (10-meter) 6° 06′ 08″S 155° 31′ 17″E
(14(437)02 Wollongong)

82244 5Ed. 7/26/97 LAST NM 35/02 42/02
Add Depth 15 meters "Rep (2000)" [I3.2]
5° 38′ 48″S 154° 36′ 03″E
(25(707)00 Wollongong)

82244 5Ed. 7/26/97 LAST NM 42/02 48/02
Delete Depth 7.6 meters, blue tint and enclosing depth contour in vicinity 6° 09′ 00″S 155° 31′ 00″E

Depth 84 meters 6° 04′ 48″S 155° 29′ 18″E
Depth 53 meters 6° 08′ 18″S 155° 30′ 00″E

Substitute Depth 4.2 meters for 5.8 meters 6° 17′ 38″S 155° 02′ 47″E
Depth 2 meters for 3.3 meters 6° 10′ 06″S 155° 37′ 24″E
Depth 1.4 meters for 2.1 meters 6° 13′ 42″S 155° 40′ 18″E
Depth 1.3 meters for 3 meters 6° 13′ 12″S 155° 42′ 30″E
Depth 3.5 meters for 6.1 meters 6° 13′ 48″S 155° 43′ 12″E

Add Depth 9.8 meters, blue tint and enclosing depth contour (10-meter) centered
6° 04′ 54″S 155° 29′ 37″E
Depth 14.6 meters, blue tint and enclosing depth contour (20-meter) centered
6° 06′ 53″S 155° 30′ 17″E
Depth 4.7 meters, blue tint and enclosing depth contour (5-meter) centered 6° 08′ 44″S 155° 30′ 38″E

Depth 28.4 meters 6° 08′ 11″S 155° 30′ 10″E
(23(648, 649)00 Wollongong)

82244 5Ed. 7/26/97 LAST NM 48/02 20/03
Add Chartlet A, depicting changes in hydrography and topography, from Subsection I-2
6° 32′ 00″S 155° 11′ 00″E
Chartlet B, depicting changes in hydrography and topography, from Subsection I-2
6° 54′ 00″S 155° 19′ 00″E

Depth 25.6 meters 6° 54′ 10″S 155° 40′ 41″E

Purple dashed line (unsurveyed limit) joining
7° 04′ 30″S 155° 36′ 12″E
7° 06′ 42″S 155° 37′ 00″E
7° 07′ 30″S 155° 36′ 12″E

Purple dashed line (unsurveyed limit) joining
7° 09′ 00″S 155° 33′ 45″E
7° 17′ 30″S 155° 19′ 36″E
7° 18′ 18″S 155° 14′ 24″E
7° 15′ 36″S 155° 07′ 42″E
7° 15′ 30″S 155° 00′ 54″E
7° 02′ 00″S 154° 46′ 30″E
6° 54′ 54″S 154° 50′ 42″E
6° 38′ 30″S 154° 43′ 48″E
6° 29′ 30″S 154° 36′ 18″E
6° 18′ 00″S 154° 36′ 24″E
6° 17′ 54″S 154° 41′ 36″E
6° 18′ 18″S 154° 47′ 36″E
6° 19′ 30″S 154° 53′ 06″E
6° 19′ 30″S 154° 55′ 42″E
6° 20′ 48″S 154° 55′ 42″E
6° 20′ 36″S 154° 52′ 54″E
6° 21′ 06″S 154° 52′ 36″E
6° 21′ 54″S 154° 54′ 36″E
6° 23′ 24″S 154° 54′ 30″E
6° 23′ 12″S 154° 54′ 00″E

Purple dashed line (unsurveyed limit) joining
6° 24′ 18″S 154° 53′ 42″E
6° 25′ 06″S 154° 54′ 24″E
6° 25′ 06″S 154° 49′ 06″E
6° 28′ 30″S 154° 54′ 18″E
6° 32′ 24″S 154° 49′ 18″E
6° 38′ 54″S 154° 53′ 45″E

Legend "UNSURVEYED" 6° 48′ 00″S 154° 56′ 00″E
(26(730)00 Wollongong; Aus CH 399)

82244 5Ed. 7/26/97 LAST NM 20/03 39/03
Add Depth 3.4 meters, blue tint and enclosing depth contour (20-meter) centered
6° 05′ 35″S 155° 30′ 37″E
(8(232)00 Wollongong)

82244 5Ed. 7/26/97 LAST NM 39/03 25/08
Add Light Fl 2.5s 7m 10M 5° 24′ 54″S 154° 42′ 12″E
(2(95)08 Wollongong; BA LL)

★82253 7Ed. 10/4/97 NEW EDITION 48/97
Delete Legends "Unsurveyed" (2) in vicinity
6° 53.8′ S 155° 32.2′ E
6° 54.0′ S 155° 37.5′ E
(NIMA)

82253 7Ed. 10/4/97 LAST NM 48/97 25/98
Substitute Depth 6.4 meters for 2.5 meters 6° 44.8′ S 156° 23.7′ E
(GIMM017/98)

82253 7Ed. 10/4/97 LAST NM 25/98 49/01
Delete Legend "(18)" 6° 13′ 12″S 155° 43′ 48″E
Legend "(1)" 6° 22′ 30″S 155° 50′ 00″E
(NTM0053/2001)

82253 7Ed. 10/4/97 LAST NM 49/01 35/02
Delete Depth 75 meters 6° 05.4′ S 155° 31.3′ E

Add Depth 5.6 meters, blue tint and enclosing depth contour (10-meter) 6° 06.1′ S 155° 31.3′ E
(14(437)02 Wollongong)

82253 7Ed. 10/4/97 LAST NM 35/02 48/02
Delete Depth 84 meters 6° 04.3′ S 155° 29.3′ E
Depth 53 meters 6° 07.8′ S 155° 30.0′ E

Substitute Depth 4.7 meters for 7.6 meters 6° 08.4′ S 155° 30.6′ E
Depth 2 meters for 3.4 meters 6° 09.3′ S 155° 37.3′ E
Depth 1.4 meters for 2.1 meters 6° 13.1′ S 155° 40.1′ E
Depth 1.3 meters for 3 meters 6° 12.8′ S 155° 42.4′ E
Depth 3.5 meters for 6.1 meters 6° 13.2′ S 155° 43.1′ E

Add Depth 9.8 meters, blue tint and enclosing depth contour (10-meter) centered 6° 04.5′ S 155° 29.7′ E
Depth 14.6 meters, blue tint and enclosing depth contour (20-meter) centered 6° 06.8′ S 155° 30.3′ E

Depth 28.4 meters 6° 08.0′ S 155° 30.2′ E
(23(648)00 Wollongong)

82253 7Ed. 10/4/97 LAST NM 48/02 50/02
Delete Legend "WORLD GEODETIC SYSTEM (WGS)" 8° 21.7′ S 155° 30.0′ E

Substitute Datum note from Subsection I-2 for same
8° 34.5′ S 155° 30.0′ E
(NTM0028/2002)

82253 7Ed. 10/4/97 LAST NM 50/02 20/03
Substitute Depth 25.6 meters for 30 meters 6° 54.2′ S 155° 40.7′ E

Add Depth 17.6 meters, blue tint and enclosing depth contour (20-meter) centered 6° 53.0′ S 155° 35.4′ E
(26(730)00 Wollongong)

82253 7Ed. 10/4/97 LAST NM 20/03 39/03
Add Depth 3.4 meters, blue tint and enclosing depth contour (20-meter) centered 6° 05.6′ S 155° 30.6′ E
(8(232)00 Wollongong)

82253 7Ed. 10/4/97 LAST NM 39/03 15/04
Add Legend "CAUTION NO 3" 6° 37.0′ S 156° 35.0′ E

Caution No. 3 to CAUTIONS note
"3. Beacons are subject to cyclonic and other damage and may take considerable time to replace or repair." 8° 30.0′ S 155° 30.0′ E
(11(1198)04 Taunton)

★**82280** Ed. 1/1/76 NEW EDITION N12/76
(DMAHC)

82280 Ed. 1/1/76 LAST NM N12/76 N51/76
Add Position circle "Volcanic Island (100) Rep (1976)" 8° 59′ S 157° 59′ E
(44(2168)76 Taunton)

82280 Ed. 1/1/76 LAST NM N51/76 N40/77
Change Light to Fl 10sec 30ft 7M 8° 48.5′ S 157° 45.8′ E
(28/77 Honiara)

82280 Ed. 1/1/76 LAST NM N40/77 N23/79
Change Legend "Active Volcano Rep (1970)" to "Volcano Rep (1970)" 8° 58.7′ S 157° 57.8′ E
(DMAHTC)

82280 Ed. 1/1/76 LAST NM N23/79 N36/81
Add Depths
18 fathoms 7° 38.2′ S 158° 15.7′ E
28 fathoms 7° 31.6′ S 158° 10.4′ E
8 fathoms 2 feet 7° 24.3′ S 158° 04.2′ E
36 fathoms 7° 26.6′ S 158° 02.8′ E
11 fathoms 7° 14.0′ S 157° 50.0′ E
(BA CH 1709)

82280 Ed. 1/1/76 LAST NM N36/81 N38/89
Add Depths
332 fathoms 9° 03.2′ S 158° 08.3′ E
296 fathoms 9° 02.0′ S 158° 10.0′ E
352 fathoms 9° 00.6′ S 158° 11.8′ E
(MCNM1104/89)

82280 Ed. 1/1/76 LAST NM N38/89 N17/92
Add Danger circle "Submarine Volcano Rep (1991)" 8° 56.4′ S 157° 55.7′ E
(44(3141)91 Taunton)

82280 Ed. 1/1/76 LAST NM N17/92 N24/97
Add Depth 135 fathoms 9° 07.7′ S 158° 22.0′ E
(13(1186)97 Taunton)

★**82280** Ed. 1/1/76 LAST NM N24/97 N6/98
Add Depth
162 fathoms 7° 43.5′ S 158° 59.5′ E
279 fathoms 7° 04.3′ S 158° 49.6′ E
(GIMM011/98)

82280 Ed. 1/1/76 LAST NM N6/98 N17/98
Substitute Depth 2 fathoms for 3 fathoms 9° 10.8′ S 159° 03.1′ E

Add Depth 188 fathoms 8° 55.4′ S 159° 00.8′ E
(40(3579)97 Taunton)

82280 Ed. 1/1/76 LAST NM N17/98 N33/98
Change Height of light to 39ft 8° 48.5′ S 157° 45.8′ E
(BA LL)

82280 0Ed. 1/1/76 LAST NM N33/98 N39/03
Add Danger circle [K1] "Sub Vol Activity Rep (2003)" 9° 01.1′ S 157° 58.9′ E
(NTM0026/2003)

82280 Ed. 1/1/76 LAST NM N39/03 N22/04
Add Dangerous submerged rock [K13] "Rep (2002)" (PA) 7° 10.8′ S 158° 22.2′ E
(8(861)04 Taunton)

★**82304** 5Ed. 5/3/80 NEW EDITION 25/80
(DMAHTC)

82304 5Ed. 5/3/80 LAST NM 25/80 30/81
(Plan A)
Substitute Depths
16 fathoms for 17 fathoms 8° 06′ 02″S 156° 51′ 25″E
12 fathoms for 19 fathoms 8° 05′ 40″S 156° 51′ 13″E

Add Depth 10 fathoms 2 feet 8° 05′ 28″S 156° 50′ 34″E

(Plans A & B)
Delete Bn 8° 06′ 25″S 156° 51′ 14″E

Substitute Depths
4 fathoms for 4 fathoms 4 feet 8° 05′ 54″S 156° 51′ 03″E
14 fathoms for 15 fathoms 8° 05′ 37″S 156° 51′ 18″E
19 fathoms for 20 fathoms 8° 05′ 30″S 156° 51′ 27″E

(Plan B)
Change Light to Fl R 3sec 8° 05′ 08″S 156° 52′ 21″E
Period of light to 5sec 8° 04′ 02″S 156° 50′ 03″E
(BA CH 1735)

82304 5Ed. 5/3/80 LAST NM 30/81 28/83
Add Lights
Fl 5sec 36ft 5M 8° 04.65′ S 156° 50.70′ E
Fl 5sec 23ft 5M 8° 05.65′ S 156° 52.25′ E
(BA CH 3994; US LL)

82304 5Ed. 5/3/80 LAST NM 28/83 19/84
(Plan B)
Change Range light, front to Fl 3sec 8° 03′ 42″S 156° 50′ 10″E
(8/84 Honiara)

★**82304** 5Ed. 5/3/80 LAST NM 19/84 32/84
Change DMA Stock No. to 82BCO82304 in lower right margin of chart
Note: Applicable to certain copies of this chart only
(DMAHTC)

82304 5Ed. 5/3/80 LAST NM 32/84 38/86
Delete Danger circle "Submarine Volcano Rep(1963)" 8° 25.1′ S 157° 05.7′ E

Depth 20 fathoms 8° 24.8′ S 157° 06.2′ E
(32(2333)86 Taunton)

82304 5Ed. 5/3/80 LAST NM 38/86 5/89
Change Characteristic of lights
to Fl(2) 15s 8° 23.0′ S 157° 13.8′ E
Fl R 10s 8° 20.2′ S 157° 14.2′ E
(48(3602)88 Taunton)

82304 5Ed. 5/3/80 LAST NM 5/89 40/90
(Plans A & B)
Add Foul ground symbol (PA) 8° 05′ 36.2″S 156° 50′ 25.9″E
(23(1639)90 Taunton)

82304 5Ed. 5/3/80 LAST NM 40/90 37/94
Change Characteristic of light
to Fl 5s 8° 20.2′ S 157° 14.1′ E
Fl 10s 8° 23.0′ S 157° 13.8′ E
(30(2536)94 Taunton)

82304 5Ed. 5/3/80 LAST NM 37/94 50/94
Add Light Ldg 2 FG 8° 15′ 20″S 157° 11′ 40″E
(36(3043)94 Taunton)

82304 5Ed. 5/3/80 LAST NM 50/94 20/95
Add Light Fl 5s 39ft 5M 8° 11′ 19″S 157° 13′ 21″E
(12(1035)95 Taunton)

82304 5Ed. 5/3/80 LAST NM 20/95 46/95
Change Characteristic of light to
Fl(2) 15s 8° 08.3′ S 157° 09.9′ E
Fl(2) 10s 8° 04.7′ S 156° 50.7′ E

(Plan B)
Change Light to
Fl(2) 10s 36ft 5M 8° 04′ 01″S 156° 50′ 01″E
Fl 5s 16ft 3M 8° 03′ 41″S 156° 50′ 05″E
(38(3152)95 Taunton)

82304 5Ed. 5/3/80 LAST NM 46/95 6/96
Change Characteristic of light to Fl 5s 8° 04.7′ S 156° 50.7′ E

(Plans A & B)
Change Light to Fl(2) 10s 23ft 5M 8° 05′ 09″S 156° 51′ 46″E

(Plan B)
Change Period of light to 3s 8° 03′ 41″S 156° 50′ 05″E
Characteristic of light to Fl 5s 8° 04′ 01″S 156° 50′ 01″E
Light to Fl 5s 16ft 2M 8° 05′ 08″S 156° 52′ 21″E
(48(3962)95 Taunton)

82304 5Ed. 5/3/80 LAST NM 6/96 35/97
(Plan A)
Change Legend to "Lights in line 032° 30′ "
8° 06′ 30″S 156° 50′ 54″E

(Plans A & B)
Substitute Beacon BRB for Bn 8° 05′ 48″S 156° 51′ 24″E

Light Fl(2) G 10s 10ft 4M for Bn
8° 05′ 35″S 156° 51′ 36″E
Change Buoy to G, conical 8° 06′ 07″S 156° 51′ 08″E

Characteristic of light to Fl(3) R 10s
8° 05′ 09″S 156° 51′ 46″E
(22(1937)97 Taunton)

82304 5Ed. 5/3/80 LAST NM 35/97 31/01
Add "Anchoring Prohibited" area [N20] bound by shore and purple composite line joining
8° 12.6′ S 157° 11.5′ E
8° 12.6′ S 157° 11.9′ E
8° 13.9′ S 157° 11.8′ E
8° 13.9′ S 157° 11.4′ E
(25(2300)99 Taunton)

82304 5Ed. 5/3/80 LAST NM 31/01 36/04
Change Light to Fl 10s 5m 3M 7° 51′ 45″S 156° 29′ 38″E
(BA LL)

★82349 4Ed. 10/24/98 NEW EDITION 6/99
(NIMA)

★82356 5Ed. 7/5/97 NEW EDITION 38/97
(NIMA)

★82356 5Ed. 7/5/97 LAST NM 38/97 6/98
Add Depth
296 meters 7° 43.5′ S 158° 59.5′ E
47 meters 7° 58.8′ S 159° 36.5′ E
235 meters 8° 21.3′ S 160° 51.9′ E
325 meters 7° 58.1′ S 159° 39.0′ E
388 meters 7° 57.0′ S 159° 44.8′ E
(GIMM011/98)

82356 5Ed. 7/5/97 LAST NM 6/98 3/11
Add Depth 58 meters "Rep (2001)" 8° 36′ 00″S 159° 36′ 00″E
and extend depth contour (100-meter) W to enclose
(UKHO ARCS 3997-0)

82356 5Ed. 7/5/97 LAST NM 3/11 5/11
Add Chartlet, depicting changes in hydrography, from Subsection I-2 7° 38′ 00″S 159° 42′ 00″E
(UKHO ARCS 3997-0)

★82367 4Ed. 12/19/98 NEW EDITION 17/99
(NIMA)

★82374 9Ed. 6/22/96 NEW EDITION 35/96
Delete Ra Ref from light 9° 19.6′ S 160° 19.9′ E
Change Visibility (range) of light to 2M 9° 51.2′ S 160° 51.2′ E
Legend to "Lights in line 053° 58′ " 8° 50.6′ S 160° 36.2′ E
Add Ra Ref to light 8° 54.7′ S 160° 38.2′ E
(DMA; BA LL)

82374 9Ed. 6/22/96 LAST NM 35/96 22/97
Add Position circle "R Tr (98)" (PA) 9° 26′ 49″S 160° 23′ 15″E
(11(993)97 Taunton)

82374 9Ed. 6/22/96 LAST NM 22/97 24/97
Add Depth 587 meters 9° 18.6′ S 160° 36.8′ E
(13(1186)97 Taunton)

82374 9Ed. 6/22/96 LAST NM 24/97 19/98
Change Legend to "Lts in line 051° 45′ " 8° 50.6′ S 160° 51.2′ E
Light to Fl(2) G 10s 3M 9° 07.5′ S 160° 09.2′ E
(BA LL)

82374 9Ed. 6/22/96 LAST NM 19/98 22/98
Change Light to Fl 5s 65m 18M 9° 26.1′ S 159° 57.3′ E
(43(3870)97 Taunton)

82374 9Ed. 6/22/96 LAST NM 22/98 30/98
Change Characteristic of light to Fl R 4s 9° 25.6′ S 159° 57.5′ E
(BA LL)

82374 9Ed. 6/22/96 LAST NM 30/98 22/02
Delete Depth 6 meters (ED), blue tint and enclosing depth contour centered 9° 22′ 15″S 160° 10′ 45″E
(35(3514)01 Taunton)

82374 9Ed. 6/22/96 LAST NM 22/02 17/13
Change Legend to "Lts in line 051° 45′ " 8° 50.6′ S 160° 36.2′ E
(NGA)

★82377 2Ed. 1/23/99 NEW EDITION 17/99
(NIMA)

82377 2Ed. 1/23/99 LAST NM 17/99 22/02
Delete Depth 5.9 meters ED, blue tint and enclosing depth contour centered 9° 22′ 15″S 160° 10′ 48″E
(35(3514)01 Taunton)

★82384 2Ed. 5/29/76 NEW EDITION 35/76
(DMAHC)

82384 2Ed. 5/29/76 LAST NM 35/76 42/78
Change Light to Fl 10sec 60ft 15M 8° 58.8′ S 159° 14.9′ E
(35(2017)78 Taunton)

82384 2Ed. 5/29/76 LAST NM 42/78 52/79
Delete Buoys (4) in vicinity 9° 04′ 30″S 159° 13′ 10″E

Purple doubled dashed line with legend "CABLE AREA" in vicinity 9° 04′ 13″S 159° 13′ 55″E
(BA CH 1766 Print 1978)

82384 2Ed. 5/29/76 LAST NM 52/79 20/85
Add Depth 17 fathoms 9° 00′ 13″S 159° 14′ 40″E
Rock awash enclosed by danger circle
9° 03′ 15″S 159° 03′ 08″E
(BA CH 1714)

82384 2Ed. 5/29/76 LAST NM 20/85 39/87
Change Light to Fl(2) 10s 60ft 10M 8° 58.8′ S 159° 14.9′ E
(12/87 Honiara)

82384 2Ed. 5/29/76 LAST NM 39/87 18/92
Change Light to Fl 10s 60ft 16M 8° 58′ 45″S 159° 14′ 55″E
(2(131)92 Taunton)

82384 2Ed. 5/29/76 LAST NM 18/92 40/94
Change Characteristic of light to Fl(2) 10s
8° 58′ 45″S 159° 14′ 55″E
(31(2622)94 Taunton)

82384 2Ed. 5/29/76 LAST NM 40/94 17/98
Add Depth
2 fathoms 9° 10′ 54″S 159° 03′ 10″E
188 fathoms 8° 55′ 32″S 159° 01′ 02″E
(40(3579)97 Taunton)

82384 2Ed. 5/29/76 LAST NM 17/98 30/98
Change Characteristic of light to Fl 10s 8° 58′ 45″S 159° 14′ 50″E
(BA LL)

★82412 6Ed. 11/22/97 NEW EDITION 11/98
Add Depth 235 meters 8° 21.3′ S 160° 51.9′ E
(NIMA; GIMM011/98)

★82449 7Ed. 10/30/93 NEW EDITION 6/94
(DMAHTC)

★82449 7Ed. 10/30/93 LAST NM 6/94 26/94
Delete Depth 55 meters "Rep (1989)" 10° 38′ S 166° 16′ E
(MCC1306/94)

82449 7Ed. 10/30/93 LAST NM 26/94 21/95
(Plan A)
Add Chartlet, depicting changes in hydrography, from Subsection I-2
11° 17′ 00″S 166° 29′ 00″E
(5(325)95 Taunton)

★82527 3Ed. 9/1/48 NEW EDITION 42/48
(USHO)

82527 3Ed. 9/1/48 LAST NM 42/48 50/80
Change Legend to "VANUATU (New Hebrides)" in title of chart
(44(603)80 Sydney)

★82534 4Ed. 11/10/84 NEW EDITION 4/85
(DMAHTC)

82534 4Ed. 11/10/84 LAST NM 4/85 15/87
Delete Depth 31 fathoms 13° 32.5′ S 167° 22.3′ E

Add Depths
109 fathoms 3° 16′ 15″S 167° 37′ 18″E
53 fathoms 3° 34′ 23″S 167° 57′ 51″E
15 fathoms 3° 27′ 45″S 167° 20′ 53″E
18 fathoms 3° 28′ 25″S 167° 17′ 15″E
50 fathoms 3° 33′ 48″S 167° 18′ 35″E
33 fathoms 3° 33′ 05″S 167° 23′ 02″E
40 fathoms 4° 08′ 01″S 167° 30′ 35″E
31 fathoms 4° 08′ 25″S 167° 27′ 53″E
(7(540)87 Taunton)

82534 4Ed. 11/10/84 LAST NM 15/87 27/87
Add Depths
109 fathoms 13° 16′ 15″S 167° 37′ 18″E
53 fathoms 13° 34′ 23″S 167° 57′ 51″E
15 fathoms 13° 27′ 45″S 167° 20′ 53″E
18 fathoms 13° 28′ 25″S 167° 17′ 15″E
50 fathoms 13° 33′ 48″S 167° 18′ 35″E
33 fathoms 13° 33′ 05″S 167° 23′ 02″E
40 fathoms 14° 08′ 01″S 167° 30′ 35″E
31 fathoms 14° 08′ 25″S 167° 27′ 53″E
(See 15/87-82534)
(7(540)87 Taunton)

★82540 2Ed. 2/15/97 NEW EDITION 15/97
(NIMA)

★82543 8Ed. 3/22/97 NEW EDITION 19/97
(NIMA)

★82560 1Ed. 8/11/90 NEW CHART 43/90
(DMAHTC)

82560 1Ed. 8/11/90 LAST NM 43/90 6/93
Delete Position circles "Raft" 17° 42.0′ S 168° 05.8′ E
17° 50.2′ S 168° 05.6′ E
(34(2534)92 Taunton)

82560 1Ed. 8/11/90 LAST NM 6/93 6/95
Add Position circle "FAD" 17° 50.0′ S 168° 05.0′ E
(48(4040)94 Taunton)

82560 1Ed. 8/11/90 LAST NM 6/95 20/01
Add Depth 28 meters enclosed by danger circle
16° 40′ 44″S 168° 23′ 14″E
(BA CH 4637)

★82564 6Ed. 3/26/83 NEW EDITION 21/83
Add Depth 17 fathoms 16° 25.6′ S 168° 13.4′ E
(DMAHTC; BA CH 1570)

82564 6Ed. 3/26/83 LAST NM 21/83 28/83
Add Position circle "Raft (Fl 4s)" Ra Ref
15° 40.74′ S 166° 59.25′ E
(16(1072)83 Taunton)

82564 6Ed. 3/26/83 LAST NM 28/83 29/83
Add Position circle "Raft (lighted)" 15° 56.6′ S 167° 21.7′ E
(18(1191)83 Taunton)

82564 6Ed. 3/26/83 LAST NM 29/83 46/83
Add Light Q 4M 15° 34.9′ S 167° 07.4′ E
(39(2515)83 Taunton)

82564 6Ed. 3/26/83 LAST NM 46/83 1/84
Delete Depth 17 fathoms 15° 25.5′ S 168° 13.5′ E
(NVS7139/83)

82564 6Ed. 3/26/83 LAST NM 1/84 12/84
Add Light Fl 5s 62ft 10M (PA) 16° 15.75′ S 167° 55.10′ E
(5(301)84 Taunton)

82564 6Ed. 3/26/83 LAST NM 12/84 27/85
Add Depth 205 fathoms 17° 16.8′ S 168° 37.0′ E
(16(1072)85 Taunton)

82564 6Ed. 3/26/83 LAST NM 27/85 36/85
Delete Depth 38 fathoms (PA) 17° 55.8′ S 168° 26.0′ E
(21(36)85 Brest)

82564 6Ed. 3/26/83 LAST NM 36/85 49/86
Delete Light 17° 41.1′ S 168° 33.2′ E
(42(3080)86 Taunton)

82564 6Ed. 3/26/83 LAST NM 49/86 6/87
Delete Depths
192 fathoms 15° 32.3′ S 167° 18.1′ E
315 fathoms 16° 13.8′ S 167° 42.8′ E
182 fathoms 16° 14.9′ S 167° 51.5′ E

Add Depths
128 fathoms 15° 29.7′ S 167° 21.5′ E
140 fathoms 15° 31.9′ S 167° 18.6′ E
124 fathoms 16° 13.3′ S 167° 44.5′ E
145 fathoms 16° 15.3′ S 167° 51.4′ E
(50(3695)86 Taunton)

82564 6Ed. 3/26/83 LAST NM 6/87 15/87
Add Stranded wreck (PA) 15° 27′ 46″S 167° 14′ 45″E
Depth 94 fathoms 17° 03′ 03″S 168° 38′ 35″E
(3(231), 7(541)87 Taunton)

82564 6Ed. 3/26/83 LAST NM 15/87 22/87
Add Danger circle "Shoal Rep" 17° 31′ 00″S 168° 27′ 50″E
(13(1030)87 Taunton)

82564 6Ed. 3/26/83 LAST NM 22/87 41/87
Add Position circle "Raft" 15° 28′ 06″S 167° 19′ 00″E
(26(1949)87 Taunton)

82564 6Ed. 3/26/83 LAST NM 41/87 44/87
Change Characteristic of light to Fl 4s 15° 31.3′ S 167° 14.2′ E
(BA LL)

82564 6Ed. 3/26/83 LAST NM 44/87 46/87
Change Characteristic of light to Fl(4) 60s 15° 31.3′ S 167° 14.2′ E
(BA LL)

82564 6Ed. 3/26/83 LAST NM 46/87 50/87
Add Position circle "Raft" 16° 24′ 15″S 168° 17′ 45″E
(41(3116)87 Taunton)

82564 6Ed. 3/26/83 LAST NM 50/87 52/87
Add Depth 145 meters 17° 52.1′ S 168° 38.2′ E
(BA CH 1494)

82564 6Ed. 3/26/83 LAST NM 52/87 5/89
Add Position circle "Raft" 15° 49.0′ S 168° 35.0′ E
(42(3151)88 Taunton)

82564 6Ed. 3/26/83 LAST NM 5/89 14/89
Change Light to L Fl 5s 79ft 7M 15° 34.2′ S 167° 17.0′ E
(BA CH 179; BA LL)

82564 6Ed. 3/26/83 LAST NM 14/89 39/89
Add Depths
186 fathoms 16° 13.8′ S 167° 12.8′ E
60 fathoms 17° 12.1′ S 168° 23.2′ E
197 fathoms 17° 20.8′ S 168° 21.8′ E
113 fathoms 17° 27.1′ S 168° 18.4′ E
41 fathoms 17° 37.4′ S 168° 08.6′ E
82 fathoms 17° 37.5′ S 168° 07.8′ E
105 fathoms 17° 39.8′ S 168° 08.3′ E
(26(1967)89 Taunton)

82564 6Ed. 3/26/83 LAST NM 39/89 44/90
Delete Purple outline of chart 82555 16° 27′ S 167° 45′ E
(MCNM1000/90)

82564 6Ed. 3/26/83 LAST NM 44/90 6/93
Delete Position circles "Raft" 15° 28.1′ S 167° 19.0′ E
15° 40.7′ S 166° 59.2′ E
Add Position circle "Raft" 15° 43.1′ S 167° 00.0′ E
(34(2533), 36(2665)92 Taunton)

82564 6Ed. 3/26/83 LAST NM 6/93 26/94
Delete Buoy 15° 30.9′ S 167° 10.2′ E
(20(1658)94 Taunton)

82564 6Ed. 3/26/83 LAST NM 26/94 6/95
Add Position circle "FAD" 17° 49.7′ S 168° 05.4′ E
(48(4040)94 Taunton)

82564 6Ed. 3/26/83 LAST NM 6/95 20/01
Change Caution note to
"CAUTION
In the areas centered on 16° 41′ S, 168° 23′ E and 16° 50′ S, 168° 32′ E recent submarine volcanic activity may have resulted in changes in the configuration of the seabed. Depths in these areas may differ considerably from those charted."
17° 46′ 00″S 167° 15′ 00″E
Add Depth 15 fathoms enclosed by danger circle
16° 40′ 44″S 168° 23′ 14″E
Legend "SEE CAUTION" 16° 40′ 00″S 168° 25′ 00″E
(BA CH 1570, 4637)

★82571 6Ed. 3/21/98 NEW EDITION 29/98
Change Legend "VANUATO" TO "VANUATU" in title block of chart

(Plan)
Delete Legend "(PA)" 17° 44′ 50″S 168° 18′ 37″E
Add Double solid line with land tint (pier) joining 17° 45′ 18.0″S 168° 18′ 43.4″E
17° 45′ 17.5″S 168° 18′ 42.9″E
17° 45′ 18.1″S 168° 18′ 12.4″E
(NIMA; BA CH 1493)

82571 6Ed. 3/21/98 LAST NM 29/98 42/98
Add Note in upper right margin of chart
"BUOYAGE
IALA Buoyage System, Region A, is in effect in the area covered by this chart. See Chart No. 1."
(GIMM051/98)

82571 6Ed. 3/21/98 LAST NM 42/98 14/04
(Plan)
Add Double solid line with land tint (pier) [F14] joining 17° 45′ 18.0″S 168° 18′ 43.3″E
17° 45′ 17.6″S 168° 18′ 42.8″E
17° 45′ 18.0″S 168° 18′ 42.4″E
(BA CH 1493)

★82580 2Ed. 3/1/97 NEW EDITION 20/97
(NIMA)

82580 2Ed. 3/1/97 LAST NM 20/97 2/99
Substitute Depth 120 meters for 190 meters (ED) 20° 59′ S 170° 22′ E
(39(30)98 Brest)

82580 2Ed. 3/1/97 LAST NM 2/99 19/02
Add Dashed-line circle with blue tint "Discol Water" [Ke] 20° 39′ 42″S 170° 17′ 24″E
(49(44)99 Brest)

★82587 5Ed. 7/12/75 NEW EDITION 33/75
(DMAHC)

82587 5Ed. 7/12/75 LAST NM 33/75 20/80
(Plan F)
Change Title of plan "CONWAY REEF" to "FIJI ISLANDS-THEVA-I-RA"
(10(588)80 Taunton)

82587 5Ed. 7/12/75 LAST NM 20/80 50/80
Change Legend to "PLANS IN VANUATU (New Hebrides) AND ADJACENT ISLANDS" in title of chart

Legend to "Plans in Vanuatu (New Hebrides) and Adjacent Islands" in lower right margin of chart
(44(603)80 Sydney)

82587 5Ed. 7/12/75 LAST NM 50/80 28/85
(Plan A)
Delete Depth 7 fathoms 20° 14′ 34″S 169° 43′ 18″E
Add Depths
1 fathom 20° 14′ 32″S 169° 43′ 24″E
1 ½ fathoms 20° 14′ 33″S 169° 43′ 13″E
4 fathoms 20° 14′ 51″S 169° 42′ 27″E
8 ½ fathoms 20° 14′ 41″S 169° 42′ 23″E
(16(1073)85 Taunton)

82587 5Ed. 7/12/75 LAST NM 28/85 52/87
(Plan B)
Delete Latitude and longitude from plan border
(DMAHTC)

★82646 2Ed. 1/28/95 NEW EDITION 13/95
(DMAHTC)

82646 2Ed. 1/28/95 LAST NM 13/95 13/97
Delete Buoy 20° 22′ 20″S 164° 07′ 22″E
(49(40)96 Brest)

82646 2Ed. 1/28/95 LAST NM 13/97 22/97
Add Buoy
BY, conical, double cone topmark points upward 20° 15′ 58″S 163° 52′ 13″E
G, spar, cone topmark 20° 15′ 59″S 163° 57′ 58″E
R, conical, can topmark 20° 15′ 53″S 163° 58′ 24″E
G, conical, cone topmark 20° 17′ 43″S 163° 59′ 46″E
R, conical, can topmark 20° 18′ 53″S 164° 00′ 42″E
(7(28)97 Brest)

82646 2Ed. 1/28/95 LAST NM 22/97 11/98
Add Bearing line extending in 272° direction from Sommet Poum 20° 15′ 54″S 164° 01′ 57″E
dashed for 6,900 meters, thence solid for 25,400 meters

Legend "Sommet Poum 092°" along above bearing line 20° 15′ 36″S 163° 54′ 00″E
(29(43)97 Brest)

82646 2Ed. 1/28/95 LAST NM 11/98 30/98
Add Buoy (mooring) with legend "(5) buoys" 20° 29′ 14″S 164° 10′ 00″E
(15(25)98 Brest)

82646 2Ed. 1/28/95 LAST NM 30/98 43/98
Change Legend to "Mast (2)" 20° 29′ 38″S 164° 09′ 33″E
(27(49)98 Brest)

82646 2Ed. 1/28/95 LAST NM 43/98 2/99
Substitute Depth
1.7 meters for 2.3 meters 20° 31′ 05″S 164° 10′ 55″E
8.7 meters for 9.1 meters 20° 31′ 10″S 164° 10′ 25″E

Add Depth 11.1 meters 20° 30′ 58″S 164° 09′ 46″E
(34(33)98 Brest)

82646 2Ed. 1/28/95 LAST NM 2/99 4/99
Substitute Depth 12.2 meters for 11.1 meters 20° 30′ 58″S 164° 09′ 46″E
(See 2/99-82646)
(40(60)98 Brest)

82646 2Ed. 1/28/95 LAST NM 4/99 48/01
Add Depth 8 meters Wk [K26] 20° 21′ 45.2″S 164° 07′ 28.6″E
(8(23)01 Brest)

82646 2Ed. 1/28/95 LAST NM 48/01 19/02
Delete Buoy 20° 18′ 53.0″S 164° 00′ 42.0″E

Add Beacon BRB, double ball topmark 20° 31′ 36.6″S 164° 11′ 29.4″E
(19(26)99, 20(28)00 Brest)

82646 2Ed. 1/28/95 LAST NM 19/02 33/02
Add Beacon BYB, double cone topmark bases together [Q130.3] 20° 13′ 08″S 164° 01′ 44″E
(11(63)01 Brest)

★**82649** 5Ed. 11/22/97 NEW EDITION 6/98
Delete Buoys (3) in vicinity 20° 46.0′ S 165° 13.7′ E
Buoy 21° 06.7′ S 165° 30.6′ E

Add Legend "Destr." to beacon 20° 16.7′ S 164° 30.3′ E
Depth 3.9 meters 19° 59.3′ S 163° 52.5′ E
(NIMA; 36(45)87, 26(35)97 Brest)

82649 5Ed. 11/22/97 LAST NM 6/98 11/98
Add Bearing line extending in 272° direction from position circle (412) 20° 15.7′ S 164° 02.4′ E
dashed for 3.5 miles, thence solid for 10.7 miles

Legend "092°" along above bearing line 20° 15.3′ S 163° 57.0′ E
(29(43)97 Brest)

82649 5Ed. 11/22/97 LAST NM 11/98 30/98
Add Stranded wreck 20° 45.0′ S 164° 22.5′ E
(50(39)97 Brest)

82649 5Ed. 11/22/97 LAST NM 30/98 42/98
Substitute Buoy G, conical, cone topmark for beacon 20° 07.8′ S 164° 06.8′ E
(25(32)98 Brest)

82649 5Ed. 11/22/97 LAST NM 42/98 2/99
Add Depth 11.1 meters 20° 31.0′ S 164° 09.8′ E
(34(33)98 Brest)

82649 5Ed. 11/22/97 LAST NM 2/99 5/99
Delete Beacon 21° 08.9′ S 165° 45.7′ E

Buoy
(undesignated) 21° 15.0′ S 165° 44.0′ E
"1" 21° 15.7′ S 165° 43.3′ E

Add Beacon YBY, double cone topmark points together, VQ(9) 21° 09.3′ S 165° 45.0′ E
(40(61, 62)98 Brest)

82649 5Ed. 11/22/97 LAST NM 5/99 7/99
Substitute Depth 8.5 meters for 21 meters 20° 58.1′ S 165° 31.9′ E
(43(34)98 Brest)

82649 5Ed. 11/22/97 LAST NM 7/99 27/99
Add Depth 9.1 meters 20° 20.9′ S 164° 37.9′ E
(48(47)98 Brest)

82649 5Ed. 11/22/97 LAST NM 27/99 8/00
Change Buoy to G, spar, cone topmark, Fl G 4s 21° 08′ 42″S 165° 43′ 42″E

Add Buoy "4" R, spar, can topmark, Fl(2) R 6s 21° 15′ 54″S 165° 43′ 12″E
Buoy "3" G, spar, cone topmark, Fl(2) G 6s 21° 20′ 20″S 165° 50′ 31″E

Buoy (undesignated) G, spar, cone topmark, Fl(3) G 12s 21° 18′ 14″S 165° 48′ 03″E
(27(34-36)99 Brest)

82649 5Ed. 11/22/97 LAST NM 8/00 12/00
Substitute Beacon "4" R, can topmark, Fl(2) R 6s for buoy 21° 15′ 54″S 165° 43′ 12″E
Beacon G, cone topmark, Fl G 4s for buoy 21° 08′ 42″S 165° 43′ 42″E
Beacon "3" G, cone topmark, Fl(2) G 6s for buoy 21° 20′ 20″S 165° 50′ 31″E
Beacon G, cone topmark, Fl(3) G 12s for buoy 21° 18′ 14″S 165° 48′ 03″E
(See 8/00-82649)
(27(34-36)99 Brest; Fr LL)

82649 5Ed. 11/22/97 LAST NM 14/00 14/01
Delete Light 19° 43′ 10″S 163° 38′ 30″E
(46(49)93 Brest)

82649 5Ed. 11/22/97 LAST NM 14/01 19/01
Add Beacon G, cone topmark, Fl G 2.5s 7m 20° 40′ 08″S 164° 15′ 13″E

Beacon BYB, double cone topmark bases together, Q(3) 10s 7m 20° 40′ 21″S 164° 14′ 53″E
(44(50)00 Brest; Fr LL)

82649 5Ed. 11/22/97 LAST NM 19/01 21/01
Delete Buoy 20° 44′ 40″S 164° 14′ 35″E

Add Beacon BY, double cone topmark points upward, VQ 20° 45′ 00″S 164° 14′ 15″E

Beacon R, can topmark, Fl R 4s 20° 44′ 46″S 164° 15′ 48″E
(34(33)99 Brest)

82649 5Ed. 11/22/97 LAST NM 21/01 42/01
Change Visibility (range) of light to 7-4M 20° 46.0′ S 164° 18.6′ E

Add Tower symbol [E29] 20° 48.3′ S 164° 28.2′ E
(34(32)99 Brest; Fr LL)

82649 5Ed. 11/22/97 LAST NM 42/01 48/01
Add Depth 8 meters Wk [K26] 20° 21.8′ S 164° 07.5′ E
Beacon R, QR 20° 37.6′ S 164° 15.3′ E
(2(24), 8(23)01 Brest; Fr LL)

82649 5Ed. 11/22/97 LAST NM 48/01 3/02
Add Beacon Fl G 2s 20° 46.1′ S 165° 14.9′ E
Beacon Fl R 2s 20° 46.2′ S 165° 15.1′ E
(4(35)00 Brest; Fr CH 6852)

82649 5Ed. 11/22/97 LAST NM 3/02 18/02
Add Designation "5" to buoy 21° 18.2′ S 165° 48.1′ E
Stranded wreck [K24] 20° 34.1′ S 164° 16.4′ E
(30(35), 42(46)99 Brest)

82649 5Ed. 11/22/97 LAST NM 18/02 20/02
Add Beacon BYB, double cone topmark bases together [Q130.3] 21° 06.8′ S 164° 47.2′ E
Beacon BY, double cone topmark points upward [Q130.3] 21° 06.9′ S 164° 44.7′ E
Beacon YB, double cone topmark points downward [Q130.3] 21° 12.8′ S 164° 46.0′ E
(51(35)99, 2(33)00 Brest)

82649 5Ed. 11/22/97 LAST NM 20/02 33/02
Delete Anchorage symbol 20° 45.0′ S 164° 22.8′ E

Add Beacon YB, double cone topmark points downward, Q(6) + L Fl 10s [Q130.3] 20° 35.6′ S 164° 16.3′ E

Beacon YB, double cone topmark points downward [Q130.3] 20° 36.4′ S 164° 17.9′ E

Depth 8.1 meters 20° 39.5′ S 164° 14.8′ E
Depth 6 meters 20° 39.3′ S 164° 14.9′ E
Depth 5.9 meters 20° 36.9′ S 164° 12.0′ E
Depth 8.3 meters Wks [K26] 20° 44.5′ S 164° 21.1′ E
(20(27), 28(39)00, 5(57), 11(63)01 Brest)

82649 5Ed. 11/22/97 LAST NM 33/02 39/11
Add Legend "Destr." to beacon 21° 00.0′ S 164° 37.0′ E
(5(39)04 Brest)

★**82683** 4Ed. 3/14/98 NEW EDITION 24/98
Add Depth 18 meters 23° 04.2′ S 167° 00.5′ E

Caution No 3 to CAUTIONS note
"3. Several former Mine Danger Areas exist within the waters of New Caledonia, which are now swept and considered safe for surface navigation. Due to the residual danger of detonation within these areas, anchoring or other activities which disturb the sea bed should be avoided. For details, see Sailing Directions." 23° 08.5′ S 165° 10.5′ E
(NIMA; 16(71)86 Brest; GIMM034/98)

82683 4Ed. 3/14/98 LAST NM 24/98 31/98
Delete Depth 18 meters 23° 04.2′ S 167° 00.5′ E
(See 24/98-82683)
(30(34)97 Brest)

82683 4Ed. 3/14/98 LAST NM 31/98 2/99
Add Submarine cable (power) between 22° 18.2′ S 166° 27.6′ E
22° 18.8′ S 166° 28.4′ E
(33(32)98 Brest)

82683 4Ed. 3/14/98 LAST NM 2/99 5/99
Delete Buoy 21° 35.4′ S 166° 15.7′ E

Add Beacon BRB, double ball topmark, Fl(2) 6s 21° 35.5′ S 166° 15.1′ E
(40(65)98 Brest)

82683 4Ed. 3/14/98 LAST NM 5/99 7/99
Add Light 2 Dir Q 15M 22° 16.4′ S 166° 26.7′ E

Beacon R, can topmark, Fl R 4s 4M 22° 10.3′ S 166° 07.0′ E
22° 21.1′ S 166° 15.4′ E
(44(49, 50), 45(50)98 Brest; Fr LL)

82683 4Ed. 3/14/98 LAST NM 7/99 14/01
Change Light to Dir Fl 2.5s 44m 16M, Dir Fl 2.5s 84m 16M 21° 36′ 40″S 166° 12′ 45″E
(Fr LL)

82683 4Ed. 3/14/98 LAST NM 14/01 45/01
Add Dashed line (recommended track) [M4] with legend "125°-305°" between 22° 42′ 52″S 167° 19′ 08″E
22° 29′ 03″S 166° 57′ 48″E

Dashed line (recommended track) [M4] with legend "037°-217°" between 22° 35′ 08″S 167° 07′ 11″E
22° 27′ 03″S 167° 13′ 42″E

Range line extending in 159° direction from light 22° 23′ 30″S 166° 55′ 30″E
dashed for 1.9 miles, thence solid for 3.9 miles

Legend "Lts in line 339°" along above range line 22° 26′ 30″S 167° 57′ 30″E
(BA CH 2906)

82683 4Ed. 3/14/98 LAST NM 45/01 48/01
Add Buoy G, conical, cone topmark 21° 45′ 57″S 166° 30′ 48″E
(13(38)99 Brest)

82683 4Ed. 3/14/98 LAST NM 48/01 6/02
Change Light to Dir Fl G 12M, Iso WR 14-11M 22° 16.0′ S 166° 26.8′ E
(BA LL)

82683 4Ed. 3/14/98 LAST NM 6/02 18/02
Change Light to Iso 16M, Iso WR 14-11M 22° 16.0′ S 166° 26.8′ E
(See 6/02-82683)
(Fr LL)

82683 4Ed. 3/14/98 LAST NM 18/02 33/02
Add Beacon YB, double cone topmark points downward, Q(6) + L Fl 15s [Q130.3] 22° 10.3′ S 166° 06.7′ E
(50(61)99 Brest; BA LL)

82683 4Ed. 3/14/98 LAST NM 33/02 17/03
Substitute Depth 11.5 meters Wk [K26] for 13 meters Wk 22° 19.1′ S 166° 26.7′ E

Change Characteristic of light to QR 22° 10.3′ S 166° 07.0′ E

Add Beacon G, cone topmark, Fl G 4s 3M 22° 10.6′ S 166° 06.1′ E
(22(40)01, 40(34), 50(58)02 Brest)

82683 4Ed. 3/14/98 LAST NM 17/03 11/05
Add "Restricted Area" bound by chart border and purple composite line [N2.1] joining 23° 33.9′ S 167° 00.0′ E
23° 15.0′ S 167° 00.0′ E
23° 15.0′ S 168° 12.2′ E

Legend "Coastal shipping and dredging prohibited" 23° 25.0′ S 167° 36.0′ E
(23(33)04 Brest)

82683 4Ed. 3/14/98 LAST NM 11/05 13/05
Delete Beacon 22° 10.6′ S 166° 06.1′ E
(50(5536)04 Taunton)

82683 4Ed. 3/14/98 LAST NM 13/05 17/05
Change Legend to "Coastal shipping, trawling and dredging prohibited" 23° 25.0′ S 167° 36.0′ E
(See 11/05-82683)
(16(159)04 Wellington)

82683 4Ed. 3/14/98 LAST NM 17/05 29/05
Delete Depth 830 meters 23° 31.0′ S 167° 03.3′ E

Add Depth 477 meters 23° 33.0′ S 167° 19.0′ E
(2(26)05 Wellington)

82683 4Ed. 3/14/98 LAST NM 29/05 19/06
Add Beacon G, cone topmark, Fl(3) G 12s 7m 6M 22° 27.9′ S 166° 31.0′ E
(11(48)05 Brest)

82683 4Ed. 3/14/98 LAST NM 19/06 26/06
Add Beacon R, can topmark, Fl(2) R 6s 7m 6M 22° 28.0′ S 166° 30.1′ E
(14(32)05 Brest)

82683 4Ed. 3/14/98 LAST NM 26/06 37/06
Add Buoy, spherical, Fl(5) 20s 21° 37.9′ S 168° 08.6′ E
(18(2046)06 Taunton)

82683 4Ed. 3/14/98 LAST NM 37/06 30/08
Add Beacon R, can topmark, Mo(D) 10s 6M Racon (D) 22° 20.9′ S 166° 14.9′ E
(48(60)07, 4(46)08 Brest)

82683 4Ed. 3/14/98 LAST NM 30/08 18/11
Add Beacon BY, double cone topmark points upward, Q 6M [Q130.3] 22° 31.2′ S 166° 27.2′ E
(UKHO ARCS 2907-0)

82683 4Ed. 3/14/98 LAST NM 18/11 47/11
Add Depth 9.2 meters, blue tint and enclosing depth contour (10-meter) centered 21° 34.2′ S 166° 12.4′ E
(36(29)04 Brest)

★82684 3Ed. 1/17/98 NEW EDITION 14/98
(NIMA)

82684 3Ed. 1/17/98 LAST NM 14/98 5/99
Delete Beacon 21° 08.9′ S 165° 45.7′ E

Buoy
(undesignated) 21° 15.0′ S 165° 44.0′ E
"1" 21° 15.7′ S 165° 43.3′ E
(undesignated) 21° 35.4′ S 166° 15.7′ E

Add Beacon
BRB, double ball topmark, Fl(2) 6s 21° 35.5′ S 166° 15.1′ E
YBY, double cone topmark points together, VQ(9) 21° 09.3′ S 165° 45.0′ E
YB, double cone topmark points downward, Q(6) + L Fl 15s 21° 23.3′ S 165° 56.8′ E

Beacon "1" G, cone topmark, Fl G 4s 21° 29.4′ S 166° 08.8′ E
(40(61-65)98 Brest)

82684 3Ed. 1/17/98 LAST NM 5/99 7/99
Substitute Depth 8.5 meters for 21 meters 20° 58.1′ S 165° 31.9′ E
(43(34)98 Brest)

82684 3Ed. 1/17/98 LAST NM 7/99 8/00
Change Buoy to G, spar, cone topmark, Fl G 4s 21° 08′ 42″S 165° 43′ 42″E

Add Buoy "4" R, spar, can topmark, Fl(2) R 6s 21° 15′ 54″S 165° 43′ 12″E
Buoy "3" G, spar, cone topmark, Fl(2) G 6s 21° 20′ 20″S 165° 50′ 31″E

Buoy (undesignated) G, spar, cone topmark, Fl(3) G 12s 21° 18′ 14″S 165° 48′ 03″E
(27(34-36)99 Brest)

82684 3Ed. 1/17/98 LAST NM 8/00 12/00
Relocate Beacon "1" from 21° 29.4′ S 166° 08.8′ E to 21° 29.3′ S 166° 08.6′ E
Beacon (undesignated) from 21° 35.5′ S 166° 15.1′ E to 21° 35.3′ S 166° 15.0′ E

Substitute Beacon G, cone topmark, Fl G 4s for buoy 21° 08.7′ S 165° 43.7′ E
Beacon "4" R, can topmark, Fl(2) R 6s for buoy 21° 15.9′ S 165° 43.2′ E
Beacon "3" G, cone topmark, Fl(2) G 6s for buoy 21° 20.3′ S 165° 50.5′ E
Beacon G, cone topmark, Fl(3) G 12s for buoy 21° 18.2′ S 165° 48.1′ E
(See 8/00-82684)

Add Beacon "2" R, can topmark, Fl R 4s 21° 30.8′ S 166° 10.3′ E

Beacon "Thio" BYB, double cone topmark bases together, VQ(3) 5s 21° 32.2′ S 166° 17.4′ E
(40(64, 65)98, 27(34-37)99 Brest; Fr CH 6949; Fr LL)

82684 3Ed. 1/17/98 LAST NM 14/00 14/01
Change Light to Dir Fl 2.5s 44m 16M, Dir Fl 2.5s 84m 16M 21° 36.7′ S 166° 12.7′ E
(Fr LL)

82684 3Ed. 1/17/98 LAST NM 14/01 36/01
Delete Buoy 21° 31.9′ S 166° 17.8′ E
(27(37)99 Brest)

82684 3Ed. 1/17/98 LAST NM 36/01 48/01
Add Buoy G, conical, cone topmark 21° 46.0′ S 166° 30.8′ E
(13(38)99 Brest)

82684 3Ed. 1/17/98 LAST NM 48/01 3/02
Add Beacon Fl G 2s 20° 46.1′ S 165° 14.9′ E
Beacon Fl R 2s 20° 46.2′ S 165° 15.1′ E
(4(35)00 Brest; Fr CH 6852)

82684 3Ed. 1/17/98 LAST NM 3/02 12/02
Delete R Bn 21° 28.5′ S 168° 02.9′ E
(BA RA)

82684 3Ed. 1/17/98 LAST NM 12/02 18/02
Add Designation "5" to buoy 21° 18.2′ S 165° 48.1′ E
(30(35)99 Brest)

82684 3Ed. 1/17/98 LAST NM 18/02 33/02
Add Beacon YB, double cone topmark points downward, VQ(6) + L Fl 10s [Q130.3] 21° 17.2′ S 165° 44.0′ E

Beacon BY, double cone topmark points upward, Q [Q130.3] 21° 17.6′ S 165° 43.8′ E
(47(22)01 Brest)

82684 3Ed. 1/17/98 LAST NM 33/02 38/02
Add Light 2 Iso 4s 16M 21° 23.1′ S 165° 52.9′ E

Range line extending in 310° direction from above light
dashed for 1.5 miles, thence solid for 14 miles

Legend "130°" along above range line 21° 13.0′ S 165° 40.5′ E
(52(22)99 Brest; Fr LL)

82684 3Ed. 1/17/98 LAST NM 38/02 7/03
Add Beacon R, can topmark 21° 26.8′ S 166° 02.2′ E
(13(44)02 Brest)

82684 3Ed. 1/17/98 LAST NM 7/03 14/05
Add Stranded wreck [K24] 21° 20.8′ S 167° 58.8′ E
(18(54)04 Brest)

82684 3Ed. 1/17/98 LAST NM 14/05 37/06
Add Buoy, spherical, Fl(5) 20s 21° 37.9′ S 168° 08.6′ E
(18(2046)06 Taunton)

82684 3Ed. 1/17/98 LAST NM 37/06 47/11
Add Depth 9.2 meters, blue tint and enclosing depth contour (10-meter) centered 21° 34.2′ S 166° 12.4′ E
(36(29)04 Brest)

★82689 3Ed. 11/26/94 NEW EDITION 6/95
Delete Islet 22° 19.3′ S 166° 29.3′ E

R Bn (AERO) 22° 16.6′ S 166° 28.0′ E

Change Caution No 3 of CAUTIONS note to "3. Areas mined during World War II could present a hazard to vessels anchoring, fishing or engaged in submarine or seabed activity. See Sailing Directions." 22° 08.6′ S 166° 32.4′ E

Visibility (range) of light to 6M 22° 15.3′ S 166° 22.8′ E

Add Sectors white 253°-005°, red-161° to light 22° 16′ 20″S 166° 26′ 20″E

Drying height 2.2 meters 22° 11′ 15″S 166° 16′ 16″E
(DMAHTC; 14(55)91, 30(47)94 Brest; Fr LL)

82689 3Ed. 11/26/94 LAST NM 6/95 9/95
Add Light Fl(3) R 12s to buoy 22° 14.7′ S 166° 22.6′ E
(48(55)94 Brest)

82689 3Ed. 11/26/94 LAST NM 9/95 29/95
Delete Depth 12 meters Wk (PA) 22° 20′ 30″S 166° 14′ 12″E

Add Depth 9.6 meters Wk 22° 20′ 30″S 166° 14′ 02″E
(15(30)95 Brest)

82689 3Ed. 11/26/94 LAST NM 29/95 37/95
Add Buoy Y, spar, "X" topmark 22° 19′ 40″S 166° 24′ 30″E
22° 20′ 12″S 166° 23′ 10″E
22° 21′ 34″S 166° 23′ 34″E
(26(46)95 Brest)

82689 3Ed. 11/26/94 LAST NM 37/95 42/95
Delete Beacon "2" 22° 21′ 30″S 166° 14′ 46″E

Add Buoy "2" R, can, can topmark,
Fl(2) R 6s 22° 21′ 20″S 166° 14′ 58″E
(28(37)95 Brest)

82689 3Ed. 11/26/94 LAST NM 42/95 46/96
Change Light to Oc(2) WRG 6s 95m 14-11M
with sectors white 253°-107°, red-114°,
green-119°, red-134° 22° 16′ 21″S 166° 26′ 21″E

Add Position circle "TV Tr (R Lts)" 22° 15′ 42″S 166° 26′ 50″E
(31(35, 36)96 Brest)

82689 3Ed. 11/26/94 LAST NM 46/96 10/97
Delete Legend "WORLD GEODETIC...WGS-84)"
22° 07.6′ S 166° 35.5′ E

Change Note to
"DATUM NOTE
Positions referred to the World Geodetic
System 1984 (WGS-84) must be moved
20.4″ southward and 24.9″ westward to
agree with this chart." 22° 08.1′ S 166° 36.8′ E
(GIMM047/96)

82689 3Ed. 11/26/94 LAST NM 10/97 11/97
Change Color of buoy to BY 22° 20′ 27″S 166° 31′ 59″E

Add Depth 13 meters Wk 22° 19′ 27.6″S 166° 26′ 41.1″E
(42(32), 43(28)96 Brest)

82689 3Ed. 11/26/94 LAST NM 11/97 15/97
Add Buoy BY, spar, double cone topmark
points upward 22° 14′ 40.2″S 166° 15′ 27.5″E
(1(13)97 Brest)

82689 3Ed. 11/26/94 LAST NM 15/97 39/97
Delete Buoy 22° 11′ 52″S 166° 17′ 56″E
(24(23)97 Brest)

82689 3Ed. 11/26/94 LAST NM 39/97 10/98
Change Characteristic of light to
Dir Fl(4) 15s 22° 16′ 29″S 166° 24′ 33″E
Dir Fl(4) 15s 22° 16′ 41″S 166° 24′ 37″E
Dir FG 22° 16′ 40″S 166° 26′ 21″E
Dir FG 22° 16′ 43″S 166° 26′ 17″E

Visibility (range) of light to 10/7M
22° 29′ 12″S 166° 26′ 34″E
(Fr LL)

82689 3Ed. 11/26/94 LAST NM 10/98 25/98
Add "Explosives Dumping Area (disused)"
bound by purple dashed line joining
22° 29′ 46″S 166° 26′ 02″E
22° 30′ 10″S 166° 26′ 02″E
22° 30′ 10″S 166° 25′ 35″E
22° 29′ 46″S 166° 25′ 35″E
(43(36)97 Brest)

82689 3Ed. 11/26/94 LAST NM 25/98 42/98
Substitute Beacon for buoy
"4" R, can topmark, Fl(2) R 6s 4M
22° 16′ 28″S 166° 19′ 38″E
(undesignated) R, can topmark,
Fl(3) R 12s 22° 14′ 41″S 166° 22′ 38″E
(undesignated) G, cone topmark,
Fl(3) G 12s 4M 22° 19′ 21″S 166° 25′ 36″E

Change Characteristic of beacon
to Fl(2) G 6s 4M 22° 27′ 12″S 166° 26′ 38″E
(22(32), 25(30, 31)98 Brest; Fr LL)

82689 3Ed. 11/26/94 LAST NM 42/98 43/98
Substitute Beacons, each G, cone topmark for buoy
(undesignated) Fl(3) G 12s 4M 22° 18.0′ S 166° 15.6′ E
"3" Fl G 4s 4M 22° 19.7′ S 166° 17.3′ E
"5" Fl(2) G 6s 4M 22° 17.9′ S 166° 19.3′ E
(26(60)98 Brest)

82689 3Ed. 11/26/94 LAST NM 43/98 2/99
Delete Beacon 22° 24′ 16″S 166° 31′ 10″E

Substitute Beacon BY, Q 4m 5M for buoy 22° 20′ 27″S 166° 31′ 59″E

Add Submarine cable (power) between
22° 18′ 47″S 166° 27′ 13″E
22° 19′ 06″S 166° 27′ 58″E

Beacon YBY, double cone topmark
points together 22° 24′ 08″S 166° 30′ 55″E
(33(31, 32), 37(45)98 Brest)

82689 3Ed. 11/26/94 LAST NM 2/99 7/99
Delete Buoy 22° 28′ 54″S 166° 27′ 03″E

Substitute Beacon "2" R, can topmark, Fl R 4s 4M
for buoy 22° 21′ 20″S 166° 14′ 58″E

Change Range light,
front to Dir Q 46m 15M 22° 16′ 43″S 166° 26′ 17″E
rear to Dir Q 61m 15M 22° 16′ 40″S 166° 26′ 21″E
(See 10/98-82689)

Add Beacon G, cone topmark, Fl G 4s
22° 28′ 56″S 166° 26′ 58″E
(43(33), 44(49, 50)98 Brest; Fr LL)

82689 3Ed. 11/26/94 LAST NM 7/99 19/01
Relocate Buoy from 22° 17′ 50.0″S 166° 33′ 12.0″E to
22° 17′ 43.0″S 166° 33′ 10.8″E

Add Buoy BRB, pillar, double ball topmark
22° 18′ 04.0″S 166° 19′ 24.0″E

Buoy YBY, pillar, double cone topmark
points together 22° 23′ 05.2″S 166° 21′ 28.8″E
(44(49)00 Brest)

82689 3Ed. 11/26/94 LAST NM 19/01 25/01
Add Beacon R, can topmark 22° 22′ 27.0″S 166° 22′ 13.5″E

Beacon BYB, double cone topmark
bases together 22° 22′ 15.6″S 166° 21′ 27.3″E
(49(46)00 Brest)

82689 3Ed. 11/26/94 LAST NM 25/01 5/02
Delete Beacon 22° 12′ 00.0″S 166° 14′ 35.0″E

Add Buoy BY, spar, double cone topmark
points upward 22° 11′ 56.4″S 166° 14′ 34.5″E

"RESTRICTED AREA" bound by purple
composite-line circle, radius 1000 meters,
centered 22° 16′ 07.6″S 166° 19′ 17.8″E
(21(42)99, 4(34)00 Brest)

82689 3Ed. 11/26/94 LAST NM 5/02 6/02
Change Light to Iso WR 4s 95m 14-11M
with sectors white 253°-107°, red-114°,
white-119°, red-134° 22° 16′ 21.3″S 166° 26′ 21.0″E
(BA LL)

82689 3Ed. 11/26/94 LAST NM 6/02 18/02
Change Light to Iso 4s 8m 16M 22° 16′ 14.0″S 166° 26′ 07.6″E
(Fr LL)

82689 3Ed. 11/26/94 LAST NM 18/02 38/02
Substitute Beacon YB, double cone topmark
points downward for buoy 22° 19′ 42.0″S 166° 36′ 56.0″E
(43(38)99 Brest)

82689 3Ed. 11/26/94 LAST NM 38/02 17/03
Delete Depth 18 meters 22° 20′ 22.4″S 166° 21′ 54.3″E
Depth 13 meters Wk 22° 19′ 27.6″S 166° 26′ 41.1″E
Buoy 22° 19′ 39.0″S 166° 37′ 20.0″E
Buoy 22° 18′ 04.0″S 166° 19′ 24.0″E
Beacon 22° 20′ 04.0″S 166° 18′ 14.2″E
Position circle "Mk" 22° 20′ 01.2″S 166° 22′ 00.3″E

Add Purple dashed-line circle
"Unexploded Ordnance" 22° 20′ 56.4″S 166° 23′ 30.3″E

Beacon BYB, double cone topmark
bases together 22° 20′ 10.2″S 166° 19′ 23.7″E

Beacon G, cone topmark 22° 20′ 10.2″S 166° 21′ 41.7″E
Beacon R, can topmark 22° 23′ 40.2″S 166° 22′ 47.7″E

(continued on next page)

82689 (Continued) 17/03
Beacon R, can topmark 22° 21′ 20.4″S 166° 20′ 39.9″E

Beacon YBY, double cone topmark points together 22° 21′ 39.6″S 166° 19′ 05.7″E

Depth 1 meter Wk [K26] 22° 20′ 22.6″S 166° 21′ 31.5″E
Stranded wreck [K24] 22° 20′ 09.0″S 166° 21′ 42.9″E
Depth 11.5 meters Wk [K26] 22° 19′ 28.2″S 166° 26′ 17.7″E
(23(35), 51(52)00, 39(46), 51(37)01, 8(33), 40(33-35), 41(35)02 Brest)

82689 3Ed. 11/26/94 LAST NM 17/03 13/05
Delete Buoy 22° 20′ 23″S 166° 36′ 29″E
(50(5536)04 Taunton)

82689 3Ed. 11/26/94 LAST NM 13/05 42/05
Add Buoy BRB, pillar, double ball topmark [Q130.4] 22° 18′ 04″S 166° 19′ 24″E
(21(45)04 Brest)

82689 3Ed. 11/26/94 LAST NM 42/05 19/06
Add Beacon G, cone topmark, Fl(3) G 12s 7m 6M 22° 27′ 56″S 166° 31′ 01″E
(11(48)05 Brest)

82689 3Ed. 11/26/94 LAST NM 19/06 26/06
Add Beacon R, can topmark, Fl(2) R 6s 7m 6M 22° 27′ 59″S 166° 30′ 08″E
(14(32)05 Brest)

82689 3Ed. 11/26/94 LAST NM 26/06 36/06
Add Beacon W, Fl(2+1) WRG 10s 7m 2M with sectors white 107°-110°, red-273°, white-289°, green-107° 22° 23′ 33″S 166° 37′ 39″E
(12(1325)06 Taunton; BA LL)

82689 3Ed. 11/26/94 LAST NM 36/06 39/06
Add Purple dashed line joining 22° 17′ 47″S 166° 17′ 17″E
22° 17′ 48″S 166° 16′ 43″E
22° 18′ 11″S 166° 16′ 36″E
22° 19′ 06″S 166° 17′ 01″E
22° 18′ 19″S 166° 17′ 42″E

Legend "Nature Reserve (see Note)" 22° 18′ 30″S 166° 16′ 22″E

Note
"NATURE RESERVE
Entry into the nature reserve shown on this chart, the extent of which is marked by yellow special purpose buoys, is affected by numerous restrictions and prohibitions. For the latest information mariners are advised to consult the local port authorities." 22° 11′ 03″S 166° 36′ 42″E
(26(3022)06 Taunton)

82689 3Ed. 11/26/94 LAST NM 39/06 30/08
Add Beacon R, can topmark, Mo(D) 10s 9m 6M Racon (D) 22° 21′ 16″S 166° 14′ 30″E
(48(60)07, 4(46)08 Brest)

82689 3Ed. 11/26/94 LAST NM 30/08 16/11
Add Buoy (mooring) [Q41] Fl Or 5s 22° 29′ 11″S 166° 26′ 16″E
(Fr CH 6687)

82689 3Ed. 11/26/94 LAST NM 16/11 18/11
Add Beacon R, can topmark, Fl R 4s 7m 2M 22° 30′ 39″S 166° 27′ 17″E

Beacon BY, double cone topmark points upward, Q 6M [Q130.3] 22° 31′ 11″S 166° 27′ 13″E
(UKHO ARCS 2907-0)

★**82690** 10Ed. 3/26/94 NEW EDITION 26/94
Delete Legend "CAUTION NO 1" 22° 16.7′ S 166° 18.8′ E

Change Legend to
"Lights in line 116°" 22° 15′ 04″S 166° 23′ 36″E
"Monument bearing 076°" 22° 18′ 42″S 166° 19′ 33″E
"Mt Tereka bearing 107°" 22° 14′ 22″S 166° 19′ 21″E

Topmark of buoy to double ball 22° 14′ 48″S 166° 24′ 29″E

Line No 2 of CAUTIONS note to "in submarine or seabed activity. See Sailing Directions." 22° 15′ 24″S 166° 26′ 24″E

Note No 1 of notes to "1. Tidal currents are of variable direction and under ½ knot." 22° 14′ 12″S 166° 25′ 27″E

Add Legend
"FORMER MINED AREA CAUTION NO 1" 22° 18′ 40″S 166° 19′ 00″E
(DMAHTC; Fr CH 6633; Fr LL)

82690 10Ed. 3/26/94 LAST NM 26/94 36/94
Add Drying height 0.8 meter 22° 15′ 30″S 166° 18′ 36″E
Depth 3.2 meters 22° 16′ 10″S 166° 18′ 46″E
(24(42)94 Brest)

82690 10Ed. 3/26/94 LAST NM 36/94 38/94
Delete Buoy 22° 16′ 55″S 166° 25′ 32″E

Add Beacon G, cone topmark, QG 2m 5M 22° 16′ 57.0″S 166° 25′ 35.3″E
(27(43)94 Brest; Fr LL)

82690 10Ed. 3/26/94 LAST NM 38/94 9/95
Add Light Fl(3) R 12s to buoy 22° 14′ 42″S 166° 22′ 38″E
(48(55)94 Brest)

82690 10Ed. 3/26/94 LAST NM 9/95 37/95
Add Buoy Y, spar, "X" topmark 22° 18′ 53.0″S 166° 25′ 54.6″E
22° 19′ 07.0″S 166° 26′ 01.8″E
22° 19′ 03.0″S 166° 25′ 32.0″E
(26(46)95 Brest)

82690 10Ed. 3/26/94 LAST NM 37/95 46/95
Add Buoy G, conical, cone topmark, Fl(2) G 6s 22° 17′ 31.7″S 166° 25′ 10.0″E
(34(29)95 Brest)

82690 10Ed. 3/26/94 LAST NM 46/95 47/95
Delete Depth 8.5 meters 22° 16′ 12″S 166° 25′ 43″E

Change Visibility (range) of light to 1M 22° 17′ 49″S 166° 25′ 20″E

Add Depth 9.7 meters 22° 16′ 13.8″S 166° 25′ 44.8″E

Buoy G, conical, cone topmark, Fl G 4s 22° 17′ 16.5″S 166° 25′ 25.8″E
(33(32)95 Brest; Fr LL)

82690 10Ed. 3/26/94 LAST NM 47/95 7/96
Delete Depth 9.7 meters 22° 15′ 53″S 166° 25′ 11″E

Add Depth
10.4 meters Obstn 22° 15′ 51.5″S 166° 25′ 08.8″E
9.6 meters Obstn 22° 16′ 07.0″S 166° 25′ 18.4″E

Buoy (mooring) 22° 16′ 08.2″S 166° 25′ 20.3″E
(41(43)95 Brest)

82690 10Ed. 3/26/94 LAST NM 7/96 28/96
Add Legend "Wk" to depth 1 meter 22° 16′ 04″S 166° 26′ 04″E
(14(46)96 Brest)

82690 10Ed. 3/26/94 LAST NM 28/96 34/96
Substitute Purple composite line for dashed line between 22° 17′ 37″S 166° 25′ 06″E
22° 17′ 19″S 166° 25′ 10″E

Add Purple composite line joining
22° 17′ 45.3″S 166° 25′ 45.2″E
22° 17′ 16.5″S 166° 25′ 25.8″E
22° 16′ 57.8″S 166° 25′ 46.4″E

Anchoring prohibited symbol
22° 17′ 32.0″S 166° 25′ 24.0″E
22° 16′ 54.0″S 166° 25′ 24.0″E
(20(20)96 Brest)

82690 10Ed. 3/26/94 LAST NM 34/96 46/96
Substitute Position circle "Radar Tr" for radar station 22° 16′ 55″S 166° 26′ 48″E

(continued on next page)

82690 (Continued) 46/96
Change Light to Oc(2) WRG 6s 95m 14-11M
with sectors white 253°-107°,
red-114°, green-119°, red-134°
22° 16′ 21″S 166° 26′ 21″E

Add Position circle "TV Tr (R Lt)"
22° 15′ 42.2″S 166° 26′ 50.3″E
(31(35, 36)96 Brest; Fr CH 6633)

82690 10Ed. 3/26/94 LAST NM 46/96 10/97
Delete Legend "Works in Progress" 22° 16′ 28″S 166° 25′ 18″E

Legend "WORLD GEODETIC...WGS-84)"
in left upper margin of chart

Depth 1.4 meters 22° 17′ 52″S 166° 25′ 25″E

Substitute Depth 0.3 meter for 0.9 meter 22° 17′ 53″S 166° 25′ 32″E

Change Legend "0.8" to "0.3" 22° 17′ 51″S 166° 25′ 27″E

Note to
"DATUM NOTE
Positions referred to the World Geodetic
System 1984 (WGS-84) must be moved
20.2′′ southward and 23.6′′ westward to
agree with this chart." 22° 15′ 12″S 166° 25′ 36″E

Add Depth
8.5 meters 22° 17′ 40.1″S 166° 25′ 46.3″E
8.7 meters 22° 17′ 43.1″S 166° 25′ 41.1″E
1.8 meters 22° 17′ 49.4″S 166° 25′ 25.4″E
0.8 meter 22° 17′ 51.2″S 166° 25′ 25.3″E
(GIMM047/96; 38(38), 44(37)96 Brest)

82690 10Ed. 3/26/94 LAST NM 10/97 24/97
Add Buoy (mooring) 22° 16′ 00.8″S 166° 24′ 36.2″E
(9(46)97 Brest)

82690 10Ed. 3/26/94 LAST NM 24/97 10/98
Change Characteristic of light to
Dir Fl(4) 15s 22° 16′ 29″S 166° 24′ 33″E
Dir Fl(4) 15s 22° 16′ 41″S 166° 24′ 37″E
Dir FG 22° 16′ 40″S 166° 26′ 21″E
Dir FG 22° 16′ 43″S 166° 26′ 17″E
(Fr LL)

82690 10Ed. 3/26/94 LAST NM 10/98 42/98
Substitute Beacons, each R, can topmark for buoy
"4" Fl(2) R 6s 4M 22° 16′ 28″S 166° 19′ 40″E
(undesignated) Fl R 4s 22° 17′ 21″S 166° 25′ 15″E
(undesignated) Fl(3) R 12s 22° 14′ 42″S 166° 22′ 38″E

Beacons, each G, cone topmark for buoy
Fl(2) G 6s 22° 17′ 17″S 166° 25′ 26″E
Fl G 4s 22° 17′ 32″S 166° 25′ 10″E
Fl(3) G 12s 4M 22° 19′ 20″S 166° 25′ 39″E

Depth 10.8 meters for 10.1 meters
22° 14′ 36″S 166° 23′ 49″E

Change Characteristic of beacon to Fl(3) G 12s
22° 16′ 57″S 166° 25′ 35″E
Characteristic of buoy to Fl(2) R 6s
22° 16′ 57″S 166° 25′ 42″E
(GIMM014/98)

82690 10Ed. 3/26/94 LAST NM 42/98 43/98
Substitute Beacon "5" G, cone topmark,
Fl(2) G 6s 4M for buoy 22° 17′ 51″S 166° 19′ 19″E
(26(60)98 Brest)

82690 10Ed. 3/26/94 LAST NM 43/98 2/99
Add Buoy (mooring) 22° 15′ 58.0″S 166° 24′ 38.0″E
(39(29)98 Brest)

82690 10Ed. 3/26/94 LAST NM 2/99 7/99
Change Range light,
front to Dir Q 46m 15M 22° 16′ 43″S 166° 26′ 17″E
rear to Dir Q 61m 15M 22° 16′ 40″S 166° 26′ 21″E
(44(49)98 Brest)

82690 10Ed. 3/26/94 LAST NM 7/99 50/99
Add Buoy Y, spar, "X" topmark 22° 15′ 47.0″S 166° 22′ 37.4″E
Buoy Y, spar, "X" topmark 22° 16′ 29.0″S 166° 23′ 10.9″E
(4(20)99 Brest)

82690 10Ed. 3/26/94 LAST NM 50/99 16/01
Change Height of beacon to 4m 22° 16′ 57.0″S 166° 25′ 35.0″E
(Fr LL)

82690 10Ed. 3/26/94 LAST NM 16/01 19/01
Add Buoy BRB, pillar, double ball topmark
22° 18′ 03.8″S 166° 19′ 25.4″E
(44(49)00 Brest)

82690 10Ed. 3/26/94 LAST NM 19/01 6/02
Change Light to Iso WR 4s 95m 14-11M
with sectors white 253°-107°, red-114°,
white-119°, red-134° 22° 16′ 21.3″S 166° 26′ 21.1″E
(BA LL)

82690 10Ed. 3/26/94 LAST NM 6/02 18/02
Change Light to Iso 4s 8m 16M 22° 16′ 15.2″S 166° 26′ 07.7″E
(Fr LL)

82690 10Ed. 3/26/94 LAST NM 18/02 19/02
Delete Depth 10 meters, blue tint and enclosing
depth contour centered 22° 16′ 46.2″S 166° 25′ 40.1″E

Depth 6.9 meters 22° 16′ 31.7″S 166° 25′ 48.0″E
Buoy 22° 19′ 07.0″S 166° 26′ 01.8″E
Buoy 22° 19′ 03.0″S 166° 25′ 32.0″E
Buoy 22° 18′ 53.0″S 166° 25′ 54.6″E
Buoy 22° 15′ 47.0″S 166° 22′ 37.4″E
Buoy 22° 16′ 29.0″S 166° 23′ 10.9″E

Relocate Beacon from 22° 17′ 16.5″S 166° 25′ 25.8″E
to 22° 17′ 17.4″S 166° 25′ 28.3″E

Add Beacon Y, "X" topmark 22° 19′ 05.6″S 166° 25′ 58.9″E
Beacon Y, "X" topmark 22° 19′ 04.6″S 166° 25′ 32.8″E
Beacon Y, "X" topmark 22° 18′ 55.7″S 166° 25′ 48.8″E
Beacon Y, "X" topmark 22° 16′ 23.8″S 166° 23′ 06.2″E
Beacon Y, "X" topmark 22° 15′ 50.8″S 166° 22′ 38.5″E
Depth 8.7 meters Rk [K14.2]
22° 16′ 45.4″S 166° 25′ 38.6″E
Depth 7.9 meters 22° 16′ 51.9″S 166° 25′ 40.3″E
Depth 4.5 meters 22° 16′ 31.0″S 166° 25′ 47.5″E
Legend "Nature Reserve" 22° 19′ 08.4″S 166° 26′ 06.0″E

Legend "Nature Reserve" between
22° 15′ 50.8″S 166° 22′ 38.5″E
22° 16′ 23.8″S 166° 23′ 06.2″E

Legend "Works in Progress (2000)"
22° 16′ 18.6″S 166° 25′ 06.0″E
(7(39), 25(23), 40(36)00, 7(47), 24(28)01 Brest)

82690 10Ed. 3/26/94 LAST NM 19/02 20/02
Delete Buoy (mooring) 22° 15′ 58.0″S 166° 24′ 38.0″E
(50(56)01 Brest)

82690 10Ed. 3/26/94 LAST NM 20/02 42/05
Add Buoy "1" Y, spar, "X" topmark, Q
22° 16′ 57.7″S 166° 25′ 42.0″E
Buoy "2" Y, spar, "X" topmark, Q
22° 17′ 08.0″S 166° 25′ 34.8″E
Buoy "3" Y, spar, "X" topmark, Q
22° 17′ 13.0″S 166° 25′ 33.1″E
(21(45)04 Brest)

82690 10Ed. 3/26/94 LAST NM 42/05 26/06
Delete Purple composite line joining
22° 17′ 45.3″S 166° 25′ 45.2″E
22° 17′ 16.5″S 166° 25′ 25.8″E
22° 16′ 57.8″S 166° 25′ 46.4″E

Add "Anchoring Prohibited" area [N20] bound by
shore and purple composite line joining
22° 17′ 45.2″S 166° 25′ 45.5″E
22° 17′ 20.0″S 166° 25′ 30.1″E
22° 17′ 02.6″S 166° 25′ 36.9″E
22° 16′ 56.9″S 166° 25′ 47.3″E

Beacon Y, "X" topmark, Oc(3) Y 8s
22° 17′ 20.0″S 166° 25′ 30.1″E
Beacon Y, "X" topmark, Oc(4) Y 10s
22° 17′ 02.6″S 166° 25′ 36.9″E
(13(1492)04 Taunton; BA CH 480)

82690 10Ed. 3/26/94 LAST NM 26/06 17/07
Delete Depth 2.3 meters 22° 18′ 54.3″S 166° 26′ 03.5″E
Depth 10.9 meters 22° 15′ 43.5″S 166° 25′ 03.0″E
Depth 7 meters 22° 16′ 35.2″S 166° 25′ 49.4″E
Depth 8.8 meters 22° 16′ 39.0″S 166° 25′ 48.0″E
Depth 6.4 meters 22° 16′ 46.2″S 166° 25′ 49.0″E

Relocate Beacon from 22° 14′ 42.0″S 166° 22′ 38.0″E
to 22° 14′ 39.2″S 166° 22′ 40.7″E

Substitute Depth 9.5 meters, blue tint and enclosing depth
contour (10-meter) for 10.4 meters centered
22° 15′ 55.5″S 166° 25′ 30.1″E

Depth 8.9 meters Obstn [K41] for 9.6 meters
Obstn 22° 16′ 18.5″S 166° 24′ 59.7″E

Add Depth 9.2 meters, blue tint and enclosing depth
contour (10-meter) centered 22° 15′ 41.9″S 166° 25′ 03.0″E
Depth 9.9 meters, blue tint and enclosing depth
contour (10-meter) centered 22° 15′ 49.3″S 166° 25′ 13.1″E

Depth 1.8 meters 22° 18′ 54.7″S 166° 26′ 04.4″E

Depth 10.1 meters Obstn [K41]
22° 16′ 07.7″S 166° 25′ 36.9″E

Depth 7.4 meters Obstn [K41]
22° 16′ 31.6″S 166° 25′ 46.6″E
Depth 7.4 meters Obstn [K41]
22° 16′ 35.1″S 166° 25′ 48.9″E
Depth 6.4 meters Obstn [K41]
22° 16′ 39.5″S 166° 25′ 49.4″E
Depth 7 meters Obstn [K41]
22° 16′ 44.9″S 166° 25′ 46.8″E
(BA CH 480)

★**82694** 6Ed. 9/5/98 NEW EDITION 49/98
Add Light VQ(9) 10s to buoy 22° 28′ 26″S 166° 58′ 04″E
(NIMA; Fr LL)

82694 6Ed. 9/5/98 LAST NM 49/98 52/98
Add Beacons, each G
"1" Fl G 4s 22° 24′ 42″S 166° 51′ 11″E
(undesignated) 22° 24′ 54″S 166° 50′ 59″E
"3" Fl(2) G 6s 22° 25′ 06″S 166° 50′ 54″E
"5" Fl(3) G 12s 22° 25′ 17″S 166° 50′ 46″E
(39(28)98 Brest)

82694 6Ed. 9/5/98 LAST NM 52/98 3/99
Delete Buoy "B" 22° 21.0′ S 166° 57.9′ E
(Fr CH 6719)

82694 6Ed. 9/5/98 LAST NM 3/99 7/99
Add Rock which covers and uncovers
with drying height 2.1 meters 22° 21′ 31″S 166° 50′ 50″E
(46(30)98 Brest)

82694 6Ed. 9/5/98 LAST NM 7/99 38/02
Delete Buoy 22° 28′ 26.0″S 166° 58′ 04.0″E

Substitute Beacon YB, double cone topmark
points downward for buoy 22° 19′ 16.0″S 166° 36′ 18.0″E

Add Beacon YBY, double cone topmark
points together, VQ(9) 10s 6M [Q130.3]
22° 28′ 19.8″S 166° 58′ 07.8″E

Beacon YBY, double cone topmark
points together [Q130.3] 22° 30′ 40.8″S 166° 41′ 28.2″E
Beacon BYB, double cone topmark
bases together [Q130.3] 22° 30′ 31.8″S 166° 45′ 30.0″E

Wreck [K29] (PA) 22° 39′ 57.0″S 166° 37′ 00.0″E
(43(38)99, 15(27)00, 20(28)01, 16(22)02 Brest)

82694 6Ed. 9/5/98 LAST NM 38/02 17/03
Delete Buoy 22° 19′ 15.0″S 166° 37′ 40.0″E
(40(33)02 Brest)

82694 6Ed. 9/5/98 LAST NM 17/03 13/05
Delete Buoy 22° 19′ 57″S 166° 36′ 51″E
(50(5536)04 Taunton)

82694 6Ed. 9/5/98 LAST NM 13/05 20/06
Add Beacon R, can topmark 22° 20′ 54″S 166° 52′ 18″E
Beacon G, cone topmark 22° 21′ 48″S 166° 53′ 28″E
(17(1941)06 Taunton)

82694 6Ed. 9/5/98 LAST NM 20/06 26/06
Add Beacon YB, double cone topmark
points downward, Q(6) + L Fl 15s 7m 6M
[Q130.3] 22° 23′ 23″S 166° 50′ 53″E
(14(31)05 Brest)

82694 6Ed. 9/5/98 LAST NM 26/06 36/06
Add Beacon W, Fl(2+1) WRG 10s 7m 2M with
sectors white 107°-110°, red-273°, white-
289°, green-107° 22° 23′ 10.0″S 166° 38′ 02.0″E
(12(1325)06 Taunton; BA LL)

★**82697** 6Ed. 9/5/98 NEW EDITION 52/98
Change Light to
Q 125m 11M 22° 23.5′ S 166° 55.5′ E
Fl 2½s 11m 9M 22° 39.1′ S 167° 26.0′ E
Fl 2½s 132m 9M 22° 38.6′ S 167° 26.9′ E

Color of beacon to WR 22° 23.0′ S 166° 57.6′ E

Add Beacons, each G
"1" Fl G 4s 22° 24′ 42″S 166° 51′ 11″E
(undesignated) 22° 24′ 54″S 166° 50′ 59″E
"3" Fl(2) G 6s 22° 25′ 06″S 166° 50′ 54″E
"5" Fl(3) G 12s 22° 25′ 17″S 166° 50′ 46″E
(NIMA; 39(28)98 Brest; Fr LL)

82697 6Ed. 9/5/98 LAST NM 52/98 7/99
Add Rock which covers and uncovers
with drying height 2.1 meters 22° 21′ 37″S 166° 50′ 50″E
(46(30)98 Brest)

82697 6Ed. 9/5/98 LAST NM 7/99 38/02
Delete Buoy 22° 28′ 32.0″S 166° 58′ 04.0″E

Add Beacon YBY, double cone topmark
points together, VQ(9) 10s 22° 28′ 19.8″S 166° 58′ 07.8″E
(15(27)00 Brest)

82697 6Ed. 9/5/98 LAST NM 38/02 46/02
Delete Dangerous wreck (PD) 22° 19′ 20.5″S 167° 01′ 11.8″E
(15(15)02 Brest)

82697 6Ed. 9/5/98 LAST NM 46/02 20/06
Add Beacon R, can topmark 22° 20′ 58″S 166° 52′ 17″E
Beacon G, cone topmark 22° 21′ 54″S 166° 53′ 29″E
(17(1941)06 Taunton)

82697 6Ed. 9/5/98 LAST NM 20/06 26/06
Add Beacon YB, double cone topmark
points downward, Q(6) + L Fl 15s 7m 6M
[Q130.3] 22° 23′ 23″S 166° 50′ 53″E
(14(31)05 Brest)

★**83005** 33Ed. 2/10/90 NEW EDITION 18/90
(DMAHTC)

83005 33Ed. 2/10/90 LAST NM 18/90 27/90
Add Legends
"PLAN A" 1° 21′ 00″S 175° 58′ 00″E
"PLAN B" 1° 50′ 00″S 175° 34′ 00″E

Chartlets, in right margin of chart depicting Plan A, Beru - Espiegle Anchorage and Plan B, Onotoa, from back of Section I
(MCNM1000/90)

83005 33Ed. 2/10/90 LAST NM 27/90 6/94
Delete R Bn (AERO) 1° 23′ N 173° 08′ E
Light 1° 38′ N 172° 58′ E

Add Danger circle "Breakers rep (1983)" 3° 52.5′ S 174° 01.9′ E
(BA CH 4624; MCC1262/93)

83005 33Ed. 2/10/90 LAST NM 6/94 17/94
Add R Bn (AERO) 1° 23′ N 173° 08′ E
(See 6/94-83005)
(BA RA)

83005 33Ed. 2/10/90 LAST NM 17/94 21/96
Delete R Bn (AERO) 2° 38.5′ S 176° 50.0′ E
(BA RA)

83005 33Ed. 2/10/90 LAST NM 21/96 31/98
Delete R Bn (AERO) 5° 40′ S 176° 07′ E
(23(2023)98 Taunton)

83005 33Ed. 2/10/90 LAST NM 31/98 40/09
(Plan A)
Add Legend "Soundings in Fathoms"
1° 21′ 54.0″S 175° 57′ 57.0″E
(See 27/90-83005)

(Plan B)
Add Legend "Soundings in Fathoms" 1° 48′ 00″S 175° 36′ 15″E
(NGA)

★**83010** 6Ed. 11/17/84 NEW EDITION 7/85
Change Legend "Rep (1980)" to "Rep (1968)"
2° 40.0′ S 174° 13.0′ W
(DMAHTC; NVS6179/80)

83010 6Ed. 11/17/84 LAST NM 7/85 6/86
Delete Depths
300 fathoms 11° 56.0′ S 173° 05.5′ W
23 fathoms "Rep (1981)" 13° 43.0′ S 171° 34.5′ W
17 fathoms "Rep (1961)" 13° 50.0′ S 171° 21.0′ W
18 fathoms "Rep (1963)" 14° 25.0′ S 171° 19.0′ W

Substitute Depth 172 fathoms for 390 fathoms
12° 14.0′ S 173° 57.0′ W

Add Depths
448 fathoms 14° 25.0′ S 171° 19.0′ W
207 fathoms 13° 15.0′ S 173° 07.2′ W
(HNNM7671/86)

83010 6Ed. 11/17/84 LAST NM 6/86 15/86
Delete Depth 26 fathoms "Rep (1979)" 14° 00.0′ S 172° 08.0′ W

Add Depths
19 fathoms 14° 01.4′ S 172° 10.6′ W
14 fathoms 12° 31.7′ S 174° 19.2′ W
(7(60)86 Auckland)

★**83010** 6Ed. 11/17/84 LAST NM 15/86 52/86
Change Legend to "Reef and sandbanks (breakers) Rep (1945)" 0° 59′ S 174° 36′ W

Add Depth 12 fathoms "Rep (1986)" 1° 46′ S 174° 39′ W
(MCNM7846/86)

83010 6Ed. 11/17/84 LAST NM 52/86 30/87
Change Light to Fl 20M 13° 59′ S 171° 20′ W
(20(144)87 Auckland)

83010 6Ed. 11/17/84 LAST NM 30/87 38/89
Add Depth 385 fathoms 11° 46.1′ S 179° 23.5′ E
(MCNM1103/89)

83010 6Ed. 11/17/84 LAST NM 38/89 41/90
Add Legends "SEE CAUTION" 14° 12′ S 170° 40′ W
14° 28′ S 170° 55′ W

Caution note in lower right margin of chart
"CAUTION
Fish Aggregating Devices (FADS) are established along the coastal waters of American Samoa Islands."
(38/90 CG14)

83010 6Ed. 11/17/84 LAST NM 41/90 24/91
Add Depth 17 fathoms 11° 41.4′ S 178° 21.0′ W
(MCNM1105/91)

83010 6Ed. 11/17/84 LAST NM 24/91 1/94
Add Depth 11 fathoms enclosed by danger circle "Rep (1993)" 11° 42.8′ S 177° 52.8′ W
10° 09.5′ S 179° 41.8′ W
(11(916)93 Taunton; MCC1292/93)

83010 6Ed. 11/17/84 LAST NM 1/94 16/94
Substitute Depth 10 fathoms enclosed by danger circle for ll fathoms "Rep (1993)"
10° 09.5′ S 179° 41.8′ W
(See 1/94-83010)
(48(54)93 Brest)

83010 6Ed. 11/17/84 LAST NM 16/94 24/94
Add Depth 177 fathoms 13° 02′ S 174° 57′ W
(16(123)94 Auckland)

83010 6Ed. 11/17/84 LAST NM 24/94 21/95
Delete Legend "(ED rep 1960)" 12° 15′ S 176° 34′ W

Depth 17 fathoms and legend "unsurveyed" 12° 33′ S 174° 22′ W
(NZ CH 14605)

83010 6Ed. 11/17/84 LAST NM 21/95 6/03
Delete Depth 12 fathoms 12° 56.0′ S 175° 40.0′ W

Add Depth 8½ fathoms 12° 56.8′ S 175° 40.0′ W
(47(4391)99 Taunton)

83010 6Ed. 11/17/84 LAST NM 6/03 26/05
Substitute Depth 11 fathoms for 14 fathoms 12° 31.7′ S 174° 19.2′ W
(2(28)05 Wellington)

83010 6Ed. 11/17/84 LAST NM 26/05 12/09
Substitute Depth 14 fathoms enclosed by dashed-line circle for 720 fathoms 14° 30.0′ S 175° 36.0′ W
(12(595)08 Wollongong)

★**83015** 8Ed. 11/17/84 NEW EDITION 4/85
(DMAHTC)

83015 8Ed. 11/17/84 LAST NM 4/85 19/88
Add Depth 351 fathoms 2° 05.0′ N 164° 25.8′ W

Legend "(ED)" to depth
200 fathoms 4° 16.8′ N 168° 24.1′ W
200 fathoms 3° 52.2′ N 168° 42.0′ W
200 fathoms 3° 28.0′ N 169° 00.8′ W
(MCNM8089, 8091/88)

83015 8Ed. 11/17/84 LAST NM 19/88 43/88
Substitute Depth 92 fathoms for 223 fathoms 2° 53.0′ N 158° 43.7′ W
(MCNM8152/88)

83015 8Ed. 11/17/84 LAST NM 43/88 15/01
Add Depth 656 fathoms "Rep (2000)" [I3.2]
5° 53.0′ N 165° 22.2′ W
(42(4094)00 Taunton)

★83015 8Ed. 11/17/84 LAST NM 15/01 7/08
Add "Depths to 359fms rep (2007)" area bound by dashed-line circle, radius 6 miles, centered 1° 17′ N 159° 57′ W

"Depths to 344fms rep (2007)" area bound by dashed-line circle, radius 7 miles, centered 2° 05′ N 164° 24′ W
(NTM0003/2008)

★83015 8Ed. 11/17/84 LAST NM 7/08 21/09
Add "Depths to 325fms rep (2008)" area bound by dashed-line circle, radius 10 miles, centered 4° 42.5′ N 160° 17.5′ W

Danger circle [K1] "Shoal rep (2008)", radius 6 miles, centered 5° 57.0′ N 162° 00.0′ W
Danger circle [K1] "Shoal rep (2008)", radius 26 miles, centered 6° 24.5′ N 162° 34.0′ W
(NTM0009/2009)

83015 8Ed. 11/17/84 LAST NM 21/09 50/10
Delete Danger circle "Shoal rep (2008)" centered 5° 57.0′ N 162° 00.0′ W
Danger circle "Shoal rep (2008)" centered 6° 24.5′ N 162° 34.0′ W
(NTM0016/2010)

★83015 8Ed. 11/17/84 LAST NM 50/10 52/12
Add "Shoal rep (2012)" area [K1] with blue tint bound by dotted line joining 4° 35.0′ N 160° 40.0′ W
4° 44.5′ N 160° 40.0′ W
4° 44.5′ N 160° 26.0′ W
4° 35.0′ N 160° 26.0′ W
(NTM0021/2012)

★83020 8Ed. 8/7/76 NEW EDITION 40/76
(DMAHC)

83020 8Ed. 8/7/76 LAST NM 40/76 51/76
Change Light to Fl WRG 9° 48.4′ S 139° 02.1′ W
(43(2082)76 Taunton)

83020 8Ed. 8/7/76 LAST NM 51/76 42/77
Add Depths
22 fathoms in 10° 24.0′ S 138° 41.2′ W
47 fathoms 10° 23.1′ S 138° 39.5′ W
(33(1903)77 Taunton)

83020 8Ed. 8/7/76 LAST NM 42/77 2/80
Change Legend "(1 ½-4 fathoms rep 1950)" to "(1 ½-3 fathoms rep (1960))" 8° 03′ S 139° 28′ W
(Fr CH 6607 Print 1973)

83020 8Ed. 8/7/76 LAST NM 2/80 9/80
Delete Depths
35 fathoms 8° 49′ S 139° 11′ W
35 fathoms (ED) 8° 38′ S 140° 05′ W
475 fathoms (ED) 8° 39′ S 139° 38′ W
(44(49)79 Brest)

83020 8Ed. 8/7/76 LAST NM 9/80 27/80
Add R Bn (AERO) 9° 21.7′ S 140° 03.0′ W
(17(953)80 Taunton)

83020 8Ed. 8/7/76 LAST NM 27/80 14/81
Delete Depth 300 fathoms (PA) 8° 17′ S 140° 53′ W

Add Depth 15 fathoms 8° 20′ S 140° 56′ W
(4(47)81 Brest)

83020 8Ed. 8/7/76 LAST NM 14/81 51/83
Delete R Bn (AERO) 9° 21.7′ S 140° 03.0′ W
(41(36)83 Brest; BA RA)

83020 8Ed. 8/7/76 LAST NM 51/83 51/85
Delete Legend "ED" 9° 17.8′ S 139° 58.0′ W
(32(33)85 Brest)

83020 8Ed. 8/7/76 LAST NM 51/85 18/89
Substitute Depth 415 fathoms for dotted-line circle and legend "Depths of 17-22 fathoms" 9° 19.5′ S 139° 59.9′ W
(2(50)89 Brest)

83020 8Ed. 8/7/76 LAST NM 18/89 21/90
Delete Depths
22 fathoms "Rep (1965)" 9° 03.0′ S 140° 40.0′ W
23 fathoms "Rep (1961)" 9° 07.8′ S 140° 37.9′ W

Add Depth 22 fathoms enclosed by danger circle 9° 08.0′ S 140° 38.0′ W
(3(88)90 Brest)

83020 8Ed. 8/7/76 LAST NM 21/90 31/90
Add R Bn (AERO) 8° 48.0′ S 140° 13.0′ W
9° 46.4′ S 139° 00.9′ W
8° 56.1′ S 139° 33.0′ W
(10(45)90 Brest)

83020 8Ed. 8/7/76 LAST NM 31/90 41/90
Delete Depth 15 fathoms 8° 20′ S 140° 56′ W

Add Depths
146 fathoms 9° 09.5′ S 140° 34.5′ W
15 fathoms 2 feet 8° 20.5′ S 140° 51.5′ W
(15(50)90 Brest)

★83020 8Ed. 8/7/76 LAST NM 41/90 29/93
Add Depth 23 fathoms 7° 52.0′ S 140° 00.4′ W
(MCC1259/93)

83020 8Ed. 8/7/76 LAST NM 29/93 16/94
Delete Dangerous submerged rock 9° 41.4′ S 138° 57.5′ W

Add Rock awash 9° 41.4′ S 138° 58.9′ W
(52(45)93 Brest)

83020 8Ed. 8/7/76 LAST NM 16/94 23/94
Delete Light 8° 54.5′ S 140° 05.5′ W

Add Light Dir Fl WRG 8/6M 8° 54.2′ S 140° 06.1′ W
(Fr LL)

83020 8Ed. 8/7/76 LAST NM 23/94 7/96
Delete Depth 10 fathoms "Rep (1960)" 9° 59′ S 138° 11′ W

Add Depth 10 fathoms 10° 00.1′ S 138° 10.9′ W
(41(46)95 Brest)

83020 8Ed. 8/7/76 LAST NM 7/96 36/96
Delete R Bn (AERO) 8° 48.0′ S 140° 13.0′ W
8° 56.1′ S 139° 33.0′ W
9° 46.4′ S 139° 00.9′ W
(BA RA)

83020 8Ed. 8/7/76 LAST NM 36/96 52/96
Add Depth
286 fathoms 8° 08.5′ S 141° 23.0′ W
253 fathoms 9° 03.5′ S 140° 38.0′ W
25 fathoms 9° 10.0′ S 140° 37.0′ W
248 fathoms 9° 53.0′ S 138° 21.0′ W
29 fathoms 10° 13.0′ S 137° 55.0′ W
(Fr CH 7371)

83020 8Ed. 8/7/76 LAST NM 52/96 32/00
Delete Depth 21 fathoms 7° 55.3′ S 140° 57.2′ W
Legend "Depths 11...(1965)" 8° 23.2′ S 140° 49.5′ W

Add Depth 14 fathoms 8° 22.0′ S 140° 54.3′ W
Depth 26 fathoms 7° 55.3′ S 140° 58.2′ W
(4(21)99 Brest)

83020 8Ed. 8/7/76 LAST NM 32/00 15/01
Substitute Depth 0 fathom 2 feet for islet "Ile de Sable (breakers)" 7° 51.6′ S 140° 22.6′ W
and delete islets (2) SE and depth 2 fathoms W
(44(52)00 Brest)

83020 8Ed. 8/7/76 LAST NM 15/01 7/02
Delete Depth 7 fathoms (ED) 7° 56.0′ S 140° 15.5′ W
Depth 30 fathoms "Rep (1966)" 7° 48.5′ S 140° 01.5′ W
Depth 19 fathoms "Rep (1965)" 8° 10.0′ S 140° 52.2′ W
Legend "1 ½-3 fathoms rep (1960)" 8° 03.0′ S 139° 28.0′ W

Substitute Depth 5 fathoms for 6 fathoms 8° 06.0′ S 139° 32.7′ W
Depth 7.8 fathoms for 9.2 fathoms 8° 42.0′ S 140° 46.0′ W
(13(41)01 Brest)

83020 8Ed. 8/7/76 LAST NM 7/02 24/03
Delete Rock awash 7° 57.0′ S 140° 36.7′ W
(37(39)00 Brest)

83020 8Ed. 8/7/76 LAST NM 24/03 16/05
Add Islet "(3)" [K10] 7° 52.0′ S 140° 23.0′ W
(14(135)04 Wellington)

83020 8Ed. 8/7/76 LAST NM 16/05 37/07
Add Depth 1586 fathoms 10° 29.5′ S 140° 58.0′ W
(NTM0011/2007)

83020 8Ed. 8/7/76 LAST NM 37/07 3/08
Add "Depth to 153 fms rep" area bound by dashed-line circle, radius 7 miles, centered 8° 02.0′ S 139° 37.0′ W

"Shoal area Rep (2007)" bound by dotted line joining 8° 38.0′ S 139° 42.0′ W
9° 00.0′ S 139° 19.0′ W
9° 00.0′ S 139° 32.0′ W
8° 45.0′ S 139° 50.0′ W
(NTM0009/2007)

83020 8Ed. 8/7/76 LAST NM 3/08 35/08
Add Depth 321 fathoms "Rep (2007)" 8° 08.0′ S 141° 22.0′ W
(NTM0009/2007)

★**83020** 8Ed. 8/7/76 LAST NM 35/08 10/11
Delete "Depths to 153 fms rep" area in vicinity 8° 02.0′ S 139° 37.0′ W
"Shoal area Rep (2007)" area in vicinity 8° 49.0′ S 139° 37.0′ W

Add Depth 199 fathoms with legend "Guyot Tupa" 8° 46.5′ S 139° 44.5′ W
(NTM0010/2011)

★**83021** 1Ed. 10/3/81 NEW CHART 50/81
(DMAHTC)

83021 1Ed. 10/3/81 LAST NM 50/81 17/85
Add Buoys, each orange, Fl (PA)
"EVAAM 20" 16° 58′ 54″S 149° 29′ 48″W
"EVAAM 21" 17° 04′ 00″S 149° 35′ 00″W

Light Fl 4M Ra Ref with legend "Raft" 16° 43′ 30″S 150° 46′ 42″W
Light (AERO) Iso 16M R Bn (AERO) 17° 33′ 45″S 149° 37′ 30″W
(4, 13/85 Papeete; BA LL; 35(50)84 Brest)

83021 1Ed. 10/3/81 LAST NM 17/85 52/85
Delete Buoys
"EVAAM 20" 16° 58′ 54″S 149° 29′ 48″W
"EVAAM 21" 17° 04′ 00″S 149° 35′ 00″W
Light 16° 43′ 30″S 150° 46′ 42″W
(See 17/85-83021)
(22/85 Papeete)

83021 1Ed. 10/3/81 LAST NM 52/85 18/86
Change Light to Fl(2) G 17° 32.7′ S 149° 37.6′ W
(13/86 Papeete)

83021 1Ed. 10/3/81 LAST NM 18/86 14/87
Change Light to "(AERO) Lt" 17° 33′ 45″S 149° 37′ 30″W
Note: R Bn (AERO) remains
(Fr CH 6598)

83021 1Ed. 10/3/81 LAST NM 14/87 46/88
Add R Bn (AERO) 16° 41.5′ S 151° 01.8′ W
(33(38)88 Brest)

83021 1Ed. 10/3/81 LAST NM 46/88 22/89
Delete Depth 590 meters 18° 20.5′ S 149° 30.6′ W
(MCNM1042/89)

83021 1Ed. 10/3/81 LAST NM 22/89 34/90
Add Caution note in upper left margin of chart
"CAUTION
Fish Aggregating Devices (FADS) are established along the coastal waters of Iles De La Societe."
(29/90 Papeete)

83021 1Ed. 10/3/81 LAST NM 34/90 8/91
Substitute Depth 272 meters for 1100 meters 16° 30′ S 152° 30′ W

Add Depth 626 meters 17° 28′ S 150° 09′ W
(23(50)90 Brest)

83021 1Ed. 10/3/81 LAST NM 8/91 38/91
Add Buoys, orange, Fl (Priv maintd) with legend "FAD" 16° 29.5′ S 151° 35.4′ W
16° 53.8′ S 151° 16.0′ W
16° 55.2′ S 151° 33.4′ W
16° 26.4′ S 152° 20.7′ W
(12/91 Papeete)

83021 1Ed. 10/3/81 LAST NM 38/91 40/91
Add Depth 932 meters enclosed by dashed-line circle 18° 27′ S 152° 10′ W
(25(53)91 Brest)

83021 1Ed. 10/3/81 LAST NM 40/91 13/92
Change Light to Fl 15M 17° 28.5′ S 149° 46.5′ W
(6/92 Papeete)

83021 1Ed. 10/3/81 LAST NM 13/92 23/92
Delete Light (AERO) 17° 33.8′ S 149° 37.5′ W
Note: R Bn (AERO) remains
(12(50)92 Brest)

83021 1Ed. 10/3/81 LAST NM 23/92 28/92
Add Buoys, orange, Fl (Priv maintd) with legend "FAD" 17° 40.0′ S 149° 42.0′ W
17° 58.4′ S 149° 26.1′ W
17° 42.0′ S 149° 11.0′ W
17° 50.4′ S 149° 21.8′ W
17° 40.0′ S 149° 53.6′ W
17° 27.0′ S 149° 55.6′ W
17° 42.0′ S 150° 34.6′ W
17° 03.8′ S 149° 35.3′ W
(11/92 Papeete)

83021 1Ed. 10/3/81 LAST NM 28/92 45/92
Add Buoys, orange, Fl (Priv maintd) with legend "FAD" 17° 34.7′ S 149° 11.6′ W
17° 26.9′ S 149° 27.5′ W
17° 18.4′ S 149° 21.5′ W
17° 48.0′ S 149° 43.3′ W
17° 53.2′ S 149° 35.0′ W
16° 58.5′ S 149° 37.2′ W
(17/92 Papeete)

83021 1Ed. 10/3/81 LAST NM 45/92 2/93
Relocate Buoy (17° 48.0′ S 149° 43.3′ W) to (See 45/92-83021) 17° 46.3′ S 149° 41.1′ W
(23, 24/92 Papeete)

83021 1Ed. 10/3/81 LAST NM 2/93 27/93
Add Light Fl 16° 32.7′ S 151° 47.0′ W
(12(50)93 Brest)

83021 1Ed. 10/3/81 LAST NM 27/93 48/93
Delete Light 16° 30.5′ S 151° 44.6′ W
(33(40)93 Brest)

83021 1Ed. 10/3/81 LAST NM 48/93 18/94
Relocate Buoy
close E to 17° 18.3′ S 149° 21.1′ W
close N 16° 54.8′ S 151° 33.5′ W

(continued on next page)

83021 (Continued) 18/94
Add Buoy, orange, Fl (Priv maintd) with legend "FAD" 17° 16.1′ S 149° 35.6′ W
16° 58.7′ S 149° 30.2′ W
17° 41.7′ S 149° 49.6′ W
16° 28.1′ S 151° 50.4′ W
16° 39.3′ S 151° 04.0′ W
16° 43.6′ S 151° 34.4′ W
16° 33.7′ S 151° 22.1′ W
16° 28.1′ S 152° 11.6′ W
(34/93 Papeete)

83021 1Ed. 10/3/81 LAST NM 18/94 32/94
Delete Buoy and legend "FAD" 17° 42′ S 149° 11′ W
17° 40′ S 149° 54′ W
17° 27′ S 149° 56′ W
17° 42′ S 150° 35′ W
17° 04′ S 149° 35′ W
17° 27′ S 149° 28′ W
17° 53′ S 149° 35′ W
16° 59′ S 149° 37′ W
17° 42′ S 149° 50′ W
16° 30′ S 151° 35′ W
16° 54′ S 151° 16′ W
16° 55′ S 151° 33′ W
16° 26′ S 152° 21′ W
(10/94 Papeete)

83021 1Ed. 10/3/81 LAST NM 32/94 36/94
Add R Bn (AERO) 17° 33.2′ S 149° 36.8′ W
(24(44)94 Brest)

83021 1Ed. 10/3/81 LAST NM 36/94 39/95
Delete Purple outline of chart 83382 in vicinity 17° 40.0′ S 149° 30.0′ W

Legend "CONTINUED ON 83035" 16° 45.0′ S 154° 51.0′ W

Buoy 17° 50.4′ S 149° 21.8′ W
17° 34.7′ S 149° 11.6′ W
17° 58.4′ S 149° 26.1′ W
17° 46.3′ S 149° 41.1′ W
17° 40.0′ S 149° 42.0′ W
16° 58.7′ S 149° 30.2′ W
16° 39.3′ S 151° 04.0′ W
16° 33.7′ S 151° 22.1′ W
16° 28.1′ S 151° 50.4′ W
16° 28.1′ S 152° 11.6′ W
16° 43.6′ S 151° 34.4′ W

Add Purple outline of chart 83382 joining 16° 56.4′ S 150° 45.0′ W
16° 56.4′ S 148° 57.2′ W
18° 04.6′ S 148° 57.2′ W
18° 04.6′ S 150° 45.0′ W
16° 56.4′ S 150° 45.0′ W

Legend "CHART 83392" 16° 48.0′ S 153° 49.0′ W
16° 27.0′ S 154° 34.0′ W
15° 51.0′ S 154° 34.0′ W
(DMA; 10/95 Papeete)

83021 1Ed. 10/3/81 LAST NM 39/95 46/96
Add Light Fl(2) 15M 17° 02.9′ S 149° 32.9′ W
(29(37)96 Brest)

83021 1Ed. 10/3/81 LAST NM 46/96 5/00
Delete R Bn (AERO) 17° 30.0′ S 149° 29.0′ W
(BA RA)

83021 1Ed. 10/3/81 LAST NM 5/00 25/02
Add Light Fl(3) 18M 17° 36.3′ S 149° 49.0′ W
(7(33)02 Brest)

83021 1Ed. 10/3/81 LAST NM 25/02 27/02
Change Light to Fl(2) G 9M 17° 32.7′ S 149° 37.6′ W
(Fr LL)

83021 1Ed. 10/3/81 LAST NM 27/02 43/02
Delete Depth 51 meters, blue tint and enclosing depth contour in vicinity 14° 49.5′ S 148° 46.0′ W
(20(26)02 Brest)

83021 1Ed. 10/3/81 LAST NM 43/02 15/05
Add Depth 456 meters 18° 26.0′ S 154° 04.0′ W
Depth 550 meters 17° 29.0′ S 150° 10.0′ W
Depth 725 meters 18° 13.0′ S 152° 46.0′ W
(13(127)04 Wellington)

83021 1Ed. 10/3/81 LAST NM 15/05 37/05
Delete Depth 525 meters, blue tint and enclosing depth contour (1000-meter) centered 18° 15.0′ S 153° 58.0′ W

Legend "Rep (1978)" 18° 16.0′ S 153° 57.0′ W
(16(147)05 Wellington)

83021 1Ed. 10/3/81 LAST NM 37/05 6/06
Delete Depth 525 meters, blue tint and enclosing depth contour "Rep (1978)" 18° 15′ 00″S 153° 58′ 00″W
(47(5514)05 Taunton)

83021 1Ed. 10/3/81 LAST NM 6/06 7/07
Change Light to Fl(4) 18M 17° 28.5′ S 149° 46.5′ W
(37(118)06 Brest)

★**83021** 1Ed. 10/3/81 LAST NM 7/07 52/09
Add "Depths to 273m rep (2009)" area bound by dashed-line circle, radius 5 miles, centered 17° 50.0′ S 154° 04.0′ W
(NTM0011/2009)

83021 1Ed. 10/3/81 LAST NM 52/09 50/10
Delete Area "Depths to 273m rep (2009)" centered 17° 50.0′ S 154° 04.0′ W

Depth 2610 meters 17° 54.1′ S 154° 04.7′ W

Add Depth 644 meters, blue tint and enclosing depth contour (1000-meter) centered 17° 54.1′ S 154° 06.3′ W
(NTM0016/2010)

★**83022** 1Ed. 9/5/81 NEW CHART 42/81
(DMAHTC)

83022 1Ed. 9/5/81 LAST NM 42/81 17/83
Delete Depth 11 fathoms 18° 11.2′ S 141° 57.7′ W

Add Depth 11 fathoms "(SD)" 18° 17.5′ S 142° 01.0′ W
(38(67)82 Brest)

83022 1Ed. 9/5/81 LAST NM 17/83 13/87
Add R Bn (AERO) 15° 49.5′ S 140° 54.0′ W
(4(304)87 Taunton)

83022 1Ed. 9/5/81 LAST NM 13/87 20/87
Relocate R Bn (AERO) (15° 49.5′ S 140° 54.0′ W) to 15° 49.3′ S 140° 52.9′ W
(See 13/87-83022)
(10(62)87 Brest)

83022 1Ed. 9/5/81 LAST NM 20/87 34/90
Add Caution note in upper left margin of chart
"CAUTION
Fish Aggregating Devices (FADS) are established along the coastal waters of Iles Tuamotu."
(29/90 Papeete)

83022 1Ed. 9/5/81 LAST NM 34/90 18/91
Delete Depth 3150 meters 14° 55.0′ S 139° 37.5′ W

Add Depth 570 meters (PA) 14° 44.9′ S 139° 51.6′ W
(10(756)91 Taunton)

83022 1Ed. 9/5/81 LAST NM 18/91 28/92
Add Buoy, orange, Fl (Priv maintd) with legend "FAD" 18° 10.2′ S 141° 05.4′ W
(11/92 Papeete)

83022 1Ed. 9/5/81 LAST NM 28/92 12/93
Add Light Fl 5s 17m 16M 16° 37.6′ S 143° 34.4′ W
(39(53)92 Brest; Fr LL)

83022 1Ed. 9/5/81 LAST NM 12/93 16/94
Delete Buoy 18° 10.2′ S 141° 05.4′ W

Add Stranded wreck 14° 48.2′ S 138° 50.3′ W
(48(55), 52(44)93 Brest)

83022 1Ed. 9/5/81 LAST NM 16/94 50/95
Add Buoy, orange spherical, Ra Ref
with legend "FAD" 17° 29.9′ S 142° 38.8′ W
18° 00.5′ S 140° 54.1′ W
(16/95 Papeete)

83022 1Ed. 9/5/81 LAST NM 50/95 11/97
Delete Buoy 17° 29.9′ S 142° 38.8′ W
(3/97 Papeete)

83022 1Ed. 9/5/81 LAST NM 11/97 35/98
Change Light to Fl 5s 23m 18M 16° 37.6′ S 143° 34.4′ W
(Fr LL)

83022 1Ed. 9/5/81 LAST NM 35/98 43/98
Change Height of light to 25m 16° 37.6′ S 143° 34.4′ W
(See 35/98-83022)
(29(41)98 Brest)

83022 1Ed. 9/5/81 LAST NM 43/98 13/07
Add Light Fl 5s 18m 18M 17° 32.6′ S 142° 40.2′ W
(51(23)06 Brest; BA LL)

83022 1Ed. 9/5/81 LAST NM 13/07 16/07
Add Depth 1582 meters 18° 27.0′ S 138° 40.0′ W
(NTM0014/2006)

83022 1Ed. 9/5/81 LAST NM 16/07 34/07
Delete R Bn (AERO) 18° 04.0′ S 140° 58.5′ W
(NTM0011/2007)

83022 1Ed. 9/5/81 LAST NM 34/07 37/07
Substitute Depth 870 meters, blue tint and enclosing
depth contour (1000-meter) for 1800 meters
15° 00.5′ S 144° 05.5′ W

Add Depth 887 meters 16° 56.0′ S 143° 59.0′ W
(NTM0011/2007)

83022 1Ed. 9/5/81 LAST NM 37/07 48/10
Delete Light 18° 04.3′ S 141° 00.8′ W
(UKHO ARCS 3664-7)

★**83023** 4Ed. 10/3/81 NEW EDITION 52/81
Change Lights to
Dir Fl WRG 17° 29.9′ S 149° 48.9′ W
2 Oc(3) G 17° 32.6′ S 149° 35.0′ W
(DMAHTC; BA LL)

83023 4Ed. 10/3/81 LAST NM 52/81 21/82
Add Stranded wreck 15° 28.1′ S 146° 26.6′ W
(Fr CH 6421; 47(47)81 Brest)

83023 4Ed. 10/3/81 LAST NM 21/82 49/83
Delete Light 14° 57.5′ S 147° 39.0′ W

Change Light to Fl G 2.5s 5M 14° 58.0′ S 147° 38.2′ W

Add Light Fl 2.5s 5M 14° 56.5′ S 147° 42.6′ W
(3(33)81, 32(24)83 Brest)

83023 4Ed. 10/3/81 LAST NM 49/83 34/84
Relocate R Bn (AERO) close SW to 17° 30.7′ S 149° 29.4′ W
(25(1636)84 Taunton)

★**83023** 4Ed. 10/3/81 LAST NM 34/84 2/85
Add Depth 341 meters 14° 29.0′ S 149° 56.7′ W
(NVS7372/84)

83023 4Ed. 10/3/81 LAST NM 2/85 17/85
Add Buoys, each orange, Fl (PA)
"EVAAM 20" 16° 58′ 54″S 149° 29′ 48″W
"EVAAM 21" 17° 04′ 00″S 149° 35′ 00″W
Light (AERO) Iso 16M R Bn (AERO)
17° 33′ 45″S 149° 37′ 30″W
(4/85 Papeete; BA LL; 35(50)84 Brest)

83023 4Ed. 10/3/81 LAST NM 17/85 43/85
Change Lights to
L Fl G 10s 5M 14° 58.0′ S 147° 38.2′ W
Iso 4s 8M 14° 56.5′ S 147° 42.6′ W
(39/85 Papeete)

83023 4Ed. 10/3/81 LAST NM 43/85 52/85
Delete Buoys
"EVAAM 20" 16° 58′ 54″S 149° 29′ 48″W
"EVAAM 21" 17° 04′ 00″S 149° 35′ 00″W
(See 17/85-83023)
(22/85 Papeete)

83023 4Ed. 10/3/81 LAST NM 52/85 18/86
Change Light to Fl(2) G 17° 32.6′ S 149° 37.6′ W
(13/86 Papeete)

83023 4Ed. 10/3/81 LAST NM 18/86 14/87
Relocate R Bn (AERO) close NE to 17° 30.2′ S 149° 28.9′ W

Change Light to "(AERO) Lt" 17° 33′ 45″S 149° 37′ 30″W
Note: R Bn (AERO) remains
(Fr CH 6598)

83023 4Ed. 10/3/81 LAST NM 14/87 37/89
Change Lights to
Fl 2½s 8M 14° 56.5′ S 147° 42.6′ W
Fl G 2½s 6M 14° 58.0′ S 147° 38.2′ W

Add Light Fl 5s 30m 21M 14° 55.5′ S 147° 51.2′ W
(42(87)88 Brest)

83023 4Ed. 10/3/81 LAST NM 37/89 34/90
Add Caution note in upper left margin of
chart
"CAUTION
Fish Aggregating Devices (FADS)
are established along the coastal
waters of Iles Tuamotu."
(29/90 Papeete)

83023 4Ed. 10/3/81 LAST NM 34/90 39/90
Add Depths
130 meters "Rep (1976)" 14° 54.8′ S 144° 31.0′ W
461 meters "Rep (1976)" 14° 54.8′ S 144° 34.0′ W
(30(2155)90 Taunton)

83023 4Ed. 10/3/81 LAST NM 39/90 11/91
Add Depths
585 meters 14° 41.3′ S 145° 16.2′ W
646 meters 14° 33.3′ S 145° 11.9′ W
948 meters 14° 36.7′ S 145° 15.4′ W
(42(46)90 Brest)

83023 4Ed. 10/3/81 LAST NM 11/91 23/91
Add Light Fl(3) 12s 21m 13M 17° 28.5′ S 149° 46.6′ W
(52(53)90 Brest)

83023 4Ed. 10/3/81 LAST NM 23/91 40/91
Add Depth 881 meters enclosed by
dashed-line circle 15° 08′ S 145° 15′ W
(25(53)91 Brest)

83023 4Ed. 10/3/81 LAST NM 40/91 13/92
Change Light to Fl 15M 17° 28.5′ S 149° 46.6′ W
(See 23/91-83023)
(6/92 Papeete)

83023 4Ed. 10/3/81 LAST NM 13/92 23/92
Delete Light (AERO) 17° 33.8′ S 149° 37.5′ W
Note: R Bn (AERO) remains
(12(50)92 Brest)

83023 4Ed. 10/3/81 LAST NM 23/92 28/92
Add Buoys, orange, Fl (Priv maintd)
with legend "FAD" 17° 40.0′ S 149° 42.0′ W
17° 58.4′ S 149° 26.1′ W
17° 42.0′ S 149° 11.0′ W
17° 50.4′ S 149° 21.8′ W
17° 40.0′ S 149° 53.6′ W
17° 27.0′ S 149° 55.6′ W
17° 03.8′ S 149° 35.3′ W
17° 56.2′ S 148° 46.0′ W
16° 06.0′ S 146° 20.0′ W
15° 38.5′ S 146° 56.0′ W
15° 33.0′ S 146° 29.0′ W
(11/92 Papeete)

83023 4Ed. 10/3/81 LAST NM 28/92 45/92
Add Buoys, orange, Fl (Priv maintd)
with legend "FAD" 17° 34.7′ S 149° 11.6′ W
17° 26.9′ S 149° 27.5′ W
17° 18.4′ S 149° 21.5′ W
17° 48.0′ S 149° 43.3′ W
17° 53.2′ S 149° 35.0′ W
16° 58.5′ S 149° 37.2′ W
(17/92 Papeete)

83023 4Ed. 10/3/81 LAST NM 45/92 2/93
Relocate Buoy (17° 48.0′ S 149° 43.3′ W) to 17° 46.3′ S 149° 41.1′ W
(See 45/92-83023)
(23, 24/92 Papeete)

83023 4Ed. 10/3/81 LAST NM 2/93 9/94
Add Buoy, orange, Fl (Priv maintd)
with legend "FAD" 14° 52.6′ S 147° 38.0′ W
(24/93 Papeete)

83023 4Ed. 10/3/81 LAST NM 9/94 18/94
Relocate Buoy close E to 17° 18.3′ S 149° 21.1′ W

Add Buoy, orange, Fl (Priv maintd)
with legend "FAD" 17° 16.1′ S 149° 35.6′ W
16° 58.7′ S 149° 30.2′ W
17° 41.7′ S 149° 49.6′ W
(34/93 Papeete)

83023 4Ed. 10/3/81 LAST NM 18/94 32/94
Delete Buoy and legend "FAD" 17° 42′ S 149° 11′ W
17° 40′ S 149° 54′ W
17° 27′ S 149° 56′ W
17° 04′ S 149° 35′ W
17° 27′ S 149° 28′ W
17° 53′ S 149° 35′ W
16° 59′ S 149° 37′ W
17° 42′ S 149° 50′ W
16° 06′ S 146° 20′ W
15° 39′ S 146° 56′ W
(10/94 Papeete)

83023 4Ed. 10/3/81 LAST NM 32/94 36/94
Add R Bn (AERO) 17° 33.5′ S 149° 36.8′ W
(24(44)94 Brest)

83023 4Ed. 10/3/81 LAST NM 36/94 50/94
Add Stranded wreck 16° 48.8′ S 145° 09.7′ W
16° 47.9′ S 145° 07.8′ W
(39(48)94 Brest)

83023 4Ed. 10/3/81 LAST NM 50/94 39/95
Delete Purple outline of chart 83382
in vicinity 17° 40.0′ S 149° 30.0′ W

Buoy 17° 50.4′ S 149° 21.8′ W
17° 34.7′ S 149° 11.6′ W
17° 58.4′ S 149° 26.1′ W
17° 46.3′ S 149° 41.1′ W
17° 40.0′ S 149° 42.0′ W
16° 58.7′ S 149° 30.2′ W

Add Purple outline of chart 83382
joining 16° 56.4′ S 150° 00.0′ W
16° 56.4′ S 148° 57.2′ W
18° 04.6′ S 148° 57.2′ W
18° 04.6′ S 150° 00.0′ W
(DMA)

83023 4Ed. 10/3/81 LAST NM 39/95 50/95
Delete Buoy 14° 52.6′ S 147° 38.0′ W
15° 33.0′ S 146° 29.0′ W
17° 56.2′ S 148° 46.0′ W

Add Buoy, orange spherical, Ra Ref
with legend "FAD" 15° 00.7′ S 148° 22.1′ W
14° 23.6′ S 146° 10.2′ W
15° 29.8′ S 146° 32.7′ W
(16/95 Papeete)

83023 4Ed. 10/3/81 LAST NM 50/95 15/96
Add Buoy, orange spherical, Fl
with legend "FAD" 14° 52.6′ S 147° 38.0′ W
(See 50/95-83023)
(4/96 Papeete)

83023 4Ed. 10/3/81 LAST NM 15/96 22/96
Change Light to
2 Iso 4s 7M 14° 56.5′ S 147° 42.6′ W
2 Iso G 4s 5M 14° 58.0′ S 147° 38.2′ W

Visibility (range) of light to 20M 14° 55.5′ S 147° 51.2′ W
(Fr LL)

83023 4Ed. 10/3/81 LAST NM 22/96 28/96
Delete Depth
55 meters 14° 46.5′ S 147° 47.0′ W
530 meters 14° 44.5′ S 147° 38.5′ W
(12(50)96 Brest)

83023 4Ed. 10/3/81 LAST NM 28/96 46/96
Add Light Fl(2) 15M 17° 02.9′ S 149° 32.9′ W
(29(37)96 Brest)

83023 4Ed. 10/3/81 LAST NM 46/96 47/96
Delete Buoy 14° 52.6′ S 147° 38.0′ W
(Supersedes 15/96-83023)

Add Buoy Y, spherical, Fl
with legend "FAD" 16° 55.0′ S 149° 29.7′ W
(12/96 Papeete)

83023 4Ed. 10/3/81 LAST NM 47/96 40/97
Delete Buoy 14° 23.6′ S 146° 10.2′ W
(18/97 Papeete)

83023 4Ed. 10/3/81 LAST NM 40/97 9/98
Delete Buoy and legend "FAD" 16° 55.0′ S 149° 29.7′ W
17° 16.1′ S 149° 35.6′ W
16° 58.7′ S 149° 30.2′ W
(27/97 Papeete)

83023 4Ed. 10/3/81 LAST NM 9/98 5/00
Delete R Bn (AERO) 17° 30.0′ S 149° 29.0′ W
(BA RA)

83023 4Ed. 10/3/81 LAST NM 5/00 7/01
Add Light Fl 19M 16° 04.0′ S 145° 41.6′ W
(37(38)00 Brest)

83023 4Ed. 10/3/81 LAST NM 7/01 25/02
Add Light Fl(3) 18M 17° 36.3′ S 149° 49.0′ W
(7(33)02 Brest)

83023 4Ed. 10/3/81 LAST NM 25/01 27/02
Change Light to Fl(2) G 9M 17° 32.6′ S 149° 37.6′ W
(Fr LL)

83023 4Ed. 10/3/81 LAST NM 27/02 43/02
Delete Depth 51 meters 14° 49.5′ S 148° 46.0′ W
(20(26)02 Brest)

83023 4Ed. 10/3/81 LAST NM 43/02 22/06
Add Beacon 2 Fl G 4s 8m 6M 15° 47.3′ S 146° 08.9′ W
Beacon 2 Iso R 4s 10m 6M 15° 56.0′ S 145° 55.4′ W

Beacon G, cone topmark, Fl G 2½s 7m 5M
16° 05.0′ S 145° 43.3′ W
(13(1492)06 Taunton)

83023 4Ed. 10/3/81 LAST NM 22/06 7/07
Change Light to Fl(4) 18M 17° 28.5′ S 149° 46.6′ W
(37(118)06 Brest)

83023 4Ed. 10/3/81 LAST NM 7/07 34/07
Delete R Bn (AERO) 17° 20.5′ S 145° 31.0′ W

Add Depth 576 meters enclosed by blue tint and dashed-line circle 17° 21.0′ S 145° 40.0′ W
Depth 639 meters enclosed by blue tint and dashed-line circle 17° 38.0′ S 145° 16.0′ W
Depth 762 meters enclosed by blue tint and dashed-line circle 17° 07.8′ S 145° 50.8′ W
Depth 912 meters enclosed by blue tint and dashed-line circle 17° 29.8′ S 145° 13.0′ W
(NTM0011/2007)

83023 4Ed. 10/3/81 LAST NM 34/07 37/07
Substitute Depth 895 meters, blue tint and enclosing depth contour (1000-meter) for 1350 meters 15° 16.0′ S 147° 04.5′ W
Depth 870 meters, blue tint and enclosing depth contour (1000-meter) for 1800 meters 15° 00.5′ S 144° 05.5′ W

Add Depth 887 meters, blue tint and enclosing depth contour (1000-meter) centered 16° 56.0′ S 143° 59.0′ W
Depth 2550 meters enclosed by depth contour (3000-meter) centered 16° 51.5′ S 148° 49.0′ W
Depth 860 meters, blue tint and enclosing depth contour (1000-meter) centered 15° 34.0′ S 147° 22.0′ W
Depth 1191 meters enclosed by depth contour (2000-meter) centered 14° 48.0′ S 149° 08.0′ W
(NTM0011/2007)

83023 4Ed. 10/3/81 LAST NM 37/07 48/07
Delete Depth 220 meters 16° 11.0′ S 145° 33.0′ W
Dangerous rock (ED) 16° 51.0′ S 144° 19.0′ W
Depth 100 meters 16° 26.0′ S 145° 39.0′ W
Depth 130 meters 16° 33.0′ S 145° 29.0′ W
Depth 750 meters 16° 29.0′ S 145° 20.0′ W

Add Depth 911 meters, blue tint and enclosing depth contour (1000-meter) centered 14° 25.9′ S 148° 04.0′ W
(BA CH 4654; 32(19)02 Brest)

★**83023** 4Ed. 10/3/81 LAST NM 48/07 48/09
Add Depth 487 meters, blue tint and enclosing depth contour (1000-meter) centered 18° 14.0′ S 148° 36.0′ W
(NTM0011/2009)

★**83023** 4Ed. 10/3/81 LAST NM 48/09 7/10
Add "Depths to 136m rep (2009)" blue tint area bound by dashed line joining 15° 54.0′ S 145° 19.0′ W
16° 20.0′ S 144° 53.0′ W
16° 32.5′ S 144° 57.5′ W
16° 46.0′ S 144° 36.0′ W
16° 45.0′ S 145° 03.5′ W
16° 38.0′ S 145° 25.0′ W
16° 35.0′ S 145° 25.5′ W
16° 30.0′ S 145° 18.0′ W
16° 04.0′ S 145° 34.0′ W
16° 12.0′ S 145° 22.5′ W
(NTM0011/2009)

★**83024** 2Ed. 12/26/98 NEW EDITION 16/99
Change Caution No. 2 of CAUTIONS note to "2. Navigation is prohibited within the lagoon areas of Mururoa and Fangataufa. For details consult Sailing Directions." 23° 09′ S 141° 45′ W
(NIMA; GIMM050/98)

83024 2Ed. 12/26/98 LAST NM 16/99 42/01
Delete RC (AERO) 21° 49.3′ S 138° 47.5′ W
(34(36)99 Brest)

83024 2Ed. 12/26/98 LAST NM 42/01 16/07
Add Depth 619 meters 22° 22.2′ S 137° 56.8′ W
Depth 1582 meters 18° 27.0′ S 138° 40.0′ W
Depth 1701 meters 19° 51.3′ S 138° 27.8′ W
(NTM0014/2006)

83024 2Ed. 12/26/98 LAST NM 16/07 34/07
Delete RC (AERO) 18° 04.0′ S 140° 58.5′ W
(NTM0011/2007)

★**83024** 2Ed. 12/26/98 LAST NM 34/07 48/09
Add "Depths to 492m rep (2009)" area bound by dashed-line circle, radius 5 miles, centered 19° 59.0′ S 138° 10.0′ W
(NTM0011/2009)

83024 2Ed. 12/26/98 LAST NM 48/09 48/10
Delete Lights (2) in vicinity 18° 04.2′ S 141° 00.5′ W

Add Light Fl(2) 10s 18M 18° 04.2′ S 141° 00.0′ W
(UKHO ARCS 3664-7)

★**83025** 1Ed. 11/7/81 NEW CHART 2/82
Change Line 2 of note to "1982. Users will be notified by Notice to Mariners and the normal OMEGA in-" 21° 03′ S 133° 32′ W
(DMAHTC; NVS6479/81)

83025 1Ed. 11/7/81 LAST NM 2/82 43/82
Delete Depth 225 meters 21° 34.2′ S 139° 09.5′ W

Substitute Depth 3730 meters for 730 meters 21° 39.0′ S 139° 01.2′ W
(NVS6780/82)

83025 1Ed. 11/7/81 LAST NM 43/82 51/83
Delete R Bn (AERO) 20° 46.2′ S 138° 34.0′ W
(38(48)83 Brest)

83025 1Ed. 11/7/81 LAST NM 51/83 46/89
Delete R Bn (PA) 21° 27.9′ S 135° 37.8′ W
(34(44)89 Brest)

83025 1Ed. 11/7/81 LAST NM 46/89 5/91
Substitute Depth 11 meters for 14 meters 22° 42′ S 133° 46′ W
(35(43)90 Brest)

83025 1Ed. 11/7/81 LAST NM 5/91 17/91
Delete Blue tint area, islets (4), legend "Recif de la Minerve (Ebrill)", and limiting danger line in vicinity 22° 39.0′ S 133° 30.0′ W

Add Legend "Recif de la Minerve (Ebrill)" 22° 42.0′ S 133° 46.0′ W
(47(54)90 Brest)

83025 1Ed. 11/7/81 LAST NM 17/91 18/91
Substitute Depth 400 meters for 1550 meters 23° 03.2′ S 137° 24.0′ W
(10(756)91 Taunton)

83025 1Ed. 11/7/81 LAST NM 18/91 23/91
Add Legend "See Caution Note" 22° 00′ S 138° 50′ W

Caution note in upper left margin of chart
"CAUTION
Navigation is prohibited within the territorial waters of Mururoa and Fangataufa. For details consult Sailing Directions."
(50(50)90 Brest)

83025 1Ed. 11/7/81 LAST NM 23/91 40/91
Change Light to Fl(3) 15s 30m 21M 21° 46.9′ S 138° 53.5′ W
(22(53)91 Brest)

83025 1Ed. 11/7/81 LAST NM 40/91 5/97
Delete Light 21° 46.8′ S 138° 53.5′ W

Add Light Fl(4) 15s 14m 21M Racon 21° 49.6′ S 138° 52.8′ W
(22(53)91, 39(40)96 Brest)

83025 1Ed. 11/7/81 LAST NM 5/97 7/97
Add Depth
390 meters 23° 31.0′ S 136° 00.0′ W
675 meters 23° 32.0′ S 135° 34.0′ W
(33(30)96 Brest)

83025 1Ed. 11/7/81 LAST NM 7/97 19/01
Add Legend "ED" to depth 18 meters 22° 04.4′ S 133° 36.7′ W
(34(41)00 Brest)

83025 1Ed. 11/7/81 LAST NM 19/01 42/01
Delete R Bn (AERO) 21° 49.3′ S 138° 47.5′ W
(34(36)99 Brest)

83025 1Ed. 11/7/81 LAST NM 42/01 48/01
Delete Legend "Mt Pon" 21° 18.5′ S 136° 39.0′ W
(13(40)99 Brest)

83025 1Ed. 11/7/81 LAST NM 48/01 12/03
Delete Dashed line and legend "Passe" between
23° 04.5′ S 135° 06.0′ W
23° 08.5′ S 134° 59.8′ W
(17(38)00 Brest)

83025 1Ed. 11/7/81 LAST NM 12/03 45/03
Delete Depth 400 meters 23° 03.7′ S 137° 24.3′ W

Depth 18 meters (ED), dotted-line circle and blue tint 22° 04.0′ S 133° 37.0′ W
Danger circle (ED), blue tint and legend "Recif Bertero" 22° 01.5′ S 133° 28.0′ W

Add Depth 340 meters enclosed by depth contour (1000-meter) centered 23° 00.0′ S 137° 27.0′ W
(19(128)03 Wellington)

83025 1Ed. 11/7/81 LAST NM 45/03 16/07
Substitute Depth 2490 meters for 2800 meters
22° 07.2′ S 136° 07.1′ W

Add Depth 619 meters 22° 22.2′ S 137° 56.8′ W
Depth 616 meters 21° 20.0′ S 136° 23.3′ W
Depth 1595 meters 22° 11.2′ S 134° 58.2′ W
(NTM0014/2006)

83025 1Ed. 11/7/81 LAST NM 16/07 31/08
Substitute Depth 547 meters for 675 meters 23° 32.0′ S 135° 34.0′ W
(29(52)03 Brest)

★83025 1Ed. 11/7/81 LAST NM 31/08 48/09
Add "Depths to 461m rep (2009)" area bound by dashed-line circle, radius 8 miles, centered
21° 10.0′ S 136° 49.0′ W
(NTM0011/2009)

83025 1Ed. 11/7/81 LAST NM 48/09 47/10
Delete Depth 18 meters (ED), blue tint and enclosing dotted-line circle centered 23° 16.5′ S 134° 52.0′ W
Depth 16 meters (ED) and enclosing dotted-line circle centered 23° 19.3′ S 134° 54.3′ W
Depth 18 meters (ED) and enclosing dotted-line circle centered 23° 20.9′ S 134° 57.4′ W
Depth 9 meters, blue tint and enclosing dotted-line circle centered 23° 41.2′ S 134° 28.5′ W

Depth 425 meters 23° 23.7′ S 134° 52.3′ W
Depth 271 meters 23° 25.5′ S 134° 55.4′ W
Depth 236 meters 23° 24.0′ S 135° 00.0′ W
Depth 303 meters 23° 21.2′ S 135° 04.9′ W
Depth 352 meters 23° 20.4′ S 135° 07.2′ W
Depth 460 meters 23° 17.2′ S 135° 05.0′ W
Depth 220 meters 23° 27.8′ S 134° 58.5′ W
Depth 11 meters 23° 39.5′ S 134° 23.0′ W

Add Depth 10.5 meters 23° 39.1′ S 134° 22.3′ W
(UKHO ARCS 4655-0)

★83026 32Ed. 2/24/90 NEW EDITION 22/90
Delete Depths
54 meters "Rep (1979)" 14° 00.2′ S 172° 12.2′ W
53 meters "Rep (1979)" 14° 00.1′ S 172° 04.4′ W

Substitute Depth 40 meters for 48 meters 13° 59.1′ S 172° 07.2′ W

Relocate Position circle "Raft" close NE to 13° 50.5′ S 172° 20.0′ W

Add Depths
44 meters 13° 56.9′ S 172° 14.1′ W
39 meters 13° 54.9′ S 171° 25.9′ W
44 meters "Rep (1981)" (PA) 13° 58.3′ S 171° 19.1′ W
(DMAHTC; MCNM1000/90)

83026 32Ed. 2/24/90 LAST NM 22/90 41/90
Add Legends "SEE CAUTION" 14° 12′ S 170° 40′ W
14° 28′ S 170° 55′ W

Caution note in lower left margin of chart
"CAUTION
Fish Aggregating Devices (FADS) are established along the coastal waters of American Samoa Islands."
(38/90 CG14)

83026 32Ed. 2/24/90 LAST NM 41/90 12/92
Delete Depths

4 meters	14° 52′ S 170° 40′ W
22 meters	14° 49′ S 170° 38′ W
15 meters	14° 48′ S 170° 40′ W
32 meters	14° 46′ S 170° 36′ W
25 meters	14° 45′ S 170° 39′ W
38 meters	14° 44′ S 170° 42′ W
4 meters	14° 33′ S 170° 00′ W
4 meters	14° 31′ S 169° 58′ W
5 meters	14° 28′ S 170° 02′ W
22 meters	14° 25′ S 170° 03′ W
10 meters	14° 26′ S 170° 06′ W
7 meters	14° 20′ S 170° 23′ W
9 meters	14° 18′ S 170° 27′ W
14 meters	14° 20′ S 170° 29′ W
11 meters	14° 15′ S 170° 29′ W
10 meters	14° 14′ S 170° 31′ W
17 meters	14° 10′ S 170° 32′ W
5 meters	14° 13′ S 170° 38′ W
4 meters	14° 13′ S 170° 41′ W
3 meters	14° 13′ S 170° 43′ W
4 meters	14° 19′ S 170° 54′ W
10 meters	14° 20′ S 170° 58′ W
6 meters	14° 22′ S 170° 56′ W
6 meters	14° 22′ S 170° 54′ W
4 meters	14° 23′ S 170° 54′ W
30 meters	14° 26′ S 170° 39′ W
832 meters	14° 25′ S 171° 10′ W
819 meters	14° 24′ S 171° 20′ W
9 meters	14° 09′ S 171° 19′ W
6 meters	14° 05′ S 171° 22′ W
3 meters	14° 03′ S 171° 23′ W
7 meters	14° 05′ S 171° 26′ W
53 meters	14° 07′ S 171° 48′ W
84 meters	14° 05′ S 171° 58′ W
360 meters	14° 05′ S 172° 26′ W
653 meters	14° 03′ S 172° 16′ W
150 meters	13° 57′ S 172° 21′ W
240 meters	13° 52′ S 172° 22′ W
79 meters	13° 56′ S 172° 26′ W
101 meters	13° 55′ S 172° 32′ W
126 meters	13° 51′ S 172° 35′ W
82 meters	13° 46′ S 172° 38′ W
115 meters	13° 43′ S 172° 42′ W
131 meters	13° 38′ S 172° 46′ W
70 meters	13° 32′ S 172° 51′ W
148 meters	13° 26′ S 172° 45′ W
165 meters	13° 25′ S 172° 37′ W
190 meters	13° 24′ S 172° 28′ W
432 meters	13° 20′ S 172° 20′ W
200 meters	13° 28′ S 172° 14′ W
225 meters	13° 31′ S 172° 10′ W
157 meters	13° 36′ S 172° 08′ W
17 meters	13° 40′ S 172° 07′ W
31 meters	13° 35′ S 171° 42′ W
21 meters	13° 38′ S 171° 44′ W
14 meters	13° 42′ S 171° 43′ W
18 meters	13° 45′ S 171° 42′ W
61 meters (PA)	13° 47′ S 171° 30′ W
43 meters	13° 57′ S 171° 21′ W

Substitute Depths

23 meters for 3 meters	14° 55′ S 170° 39′ W
29 meters for 4 meters	14° 51′ S 170° 39′ W
174 meters for 8 meters	14° 20′ S 170° 22′ W
73 meters for 5 meters	14° 16′ S 170° 30′ W
3273 meters for 2870 meters	13° 35′ S 171° 41′ W

(continued on next page)

83026 (Continued) 12/92
Add Depths
64 meters 14° 31.2′ S 170° 01.5′ W
493 meters 14° 29.0′ S 170° 03.5′ W
1280 meters 14° 27.1′ S 170° 02.3′ W
1006 meters 14° 25.5′ S 170° 10.9′ W
1426 meters 14° 19.4′ S 170° 27.2′ W
21 meters 14° 15.2′ S 170° 30.6′ W
33 meters 14° 12.5′ S 170° 32.6′ W
73 meters 14° 13.1′ S 170° 39.2′ W
82 meters 14° 13.3′ S 170° 41.2′ W
66 meters 14° 19.2′ S 170° 52.6′ W
33 meters 14° 19.1′ S 170° 54.8′ W
27 meters 14° 21.6′ S 170° 54.0′ W
819 meters 14° 24.8′ S 171° 13.0′ W
468 meters 14° 05.4′ S 171° 21.1′ W
93 meters 14° 03.4′ S 171° 22.0′ W
2121 meters 14° 04.9′ S 171° 55.1′ W
2439 meters 13° 53.3′ S 172° 24.6′ W
1726 meters 13° 51.0′ S 172° 32.1′ W
1569 meters 13° 44.5′ S 172° 40.0′ W
1377 meters 13° 37.3′ S 172° 43.4′ W
2695 meters 13° 39.9′ S 172° 49.8′ W
340 meters 13° 26.9′ S 172° 48.1′ W
2110 meters 13° 25.4′ S 172° 42.9′ W
1218 meters 13° 26.0′ S 172° 39.0′ W
804 meters 13° 24.2′ S 172° 28.2′ W
417 meters 13° 22.4′ S 172° 22.1′ W
1415 meters 13° 30.2′ S 172° 11.6′ W
53 meters 13° 45.3′ S 171° 43.0′ W
804 meters 13° 16.7′ S 171° 33.1′ W
296 meters 13° 55.8′ S 171° 21.9′ W
(BA CH 1730; HNNM7671/86)

83026 32Ed. 2/24/90 LAST NM 12/92 4/93
Add Legend "Reported to lie 2¼ miles west of charted position (1992)" 13° 20.0′ S 176° 25.0′ W
(MCC1223/93)

83026 32Ed. 2/24/90 LAST NM 4/93 1/94
Substitute Depth
21 meters for 25.6 meters 12° 30.1′ S 174° 20.0′ W
8 meters for 14.6 meters 16° 06.2′ S 173° 48.5′ W
97 meters for 936 meters 16° 05.5′ S 173° 44.5′ W

Add R Bn (AERO) 13° 14.0′ S 176° 09.8′ W
(Fr CH 7283)

83026 32Ed. 2/24/90 LAST NM 1/94 19/94
Add Legend "(ED)" to depth
295 meters 15° 52.0′ S 172° 48.1′ W
340 meters 15° 47.5′ S 172° 42.5′ W
(MCC1333/94)

83026 32Ed. 2/24/90 LAST NM 19/94 16/95
Delete Legend "Volcanic...(1977)" 15° 36′ S 173° 32′ W

Substitute Depth
26 meters for 21 meters 12° 31′ S 173° 20′ W
15 meters for 8 meters 16° 06′ S 173° 49′ W

Change Legend to
"Volcanic activity Rep (1977)" 15° 34′ S 173° 44′ W

Add Legend
"Duram Shoal" 16° 08′ S 173° 43′ W
"(ED)" 16° 23′ S 173° 38′ W
(3(42)93 Auckland; NZ CH 14605)

★**83026** 32Ed. 2/24/90 LAST NM 16/95 15/01
Add Depth 590 meters "Sub vol" enclosed by danger circle 14° 12.9′ S 169° 03.5′ W
(NTM0013/2001)

83026 32Ed. 2/24/90 LAST NM 15/01 18/02
Delete Depth 26 meters 12° 31′ S 173° 20′ W

Substitute Depth 26 meters for 21 meters 12° 31′ S 174° 20′ W
(NTM0020/2002)

83026 32Ed. 2/24/90 LAST NM 18/02 41/02
Add Danger circle [K1]
"Volcanic Activity Rep (2001)" 14° 34.5′ S 168° 55.5′ W
(17(120)02 Wellington)

83026 32Ed. 2/24/90 LAST NM 41/02 6/03
Delete Depth 22 meters 12° 56.0′ S 175° 40.0′ W

Add Depth 16 meters 12° 56.8′ S 175° 40.0′ W
(47(4391)99 Taunton)

83026 32Ed. 2/24/90 LAST NM 6/03 26/05
Substitute Depth 21 meters for 26 meters 12° 31.0′ S 174° 20.0′ W
(2(28)05 Wellington)

83026 32Ed. 2/24/90 LAST NM 26/05 39/05
Change Spot height "6095" to "1858" 14° 23.5′ N 172° 29.2′ W
Spot height "3750" to "1143" 14° 04.0′ N 171° 41.5′ W
(NGA)

83026 32Ed. 2/24/90 LAST NM 39/05 20/06
Substitute Depth 8 meters for 15 meters 16° 06.0′ S 173° 49.0′ W
(42(51)04 Brest)

83026 32Ed. 2/24/90 LAST NM 20/06 3/08
Substitute Depth 390 meters for 512 meters 16° 27.3′ S 177° 19.0′ W
(NTM0017/2007)

83026 32Ed. 2/24/90 LAST NM 3/08 12/09
Add Depth 26 meters enclosed by depth contour (200-meter) centered 14° 30.0′ S 175° 36.0′ W
(12(595)08 Wollongong)

★**83026** 32Ed. 2/24/90 LAST NM 12/09 35/09
Delete Depth 47 meters (PA) 14° 03.0′ S 170° 05.0′ W

Add Depth 49 meters with legend "Northeast Bank" 14° 02.9′ S 170° 04.9′ W

Depth 38 meters 14° 12.8′ S 169° 33.0′ W
Note: Legend "Sub Vol" remains
(NTM0037/2009)

83026 32Ed. 2/24/90 LAST NM 35/09 10/13
Substitute Depth 25.5 meters for 26 meters 14° 30.0′ S 175° 36.0′ W
(3(37)13 Wellington)

★**83032** 1Ed. 2/3/90 NEW CHART 18/90
(DMAHTC)

83032 1Ed. 2/3/90 LAST NM 18/90 39/90
Substitute Depth 25 meters for 29 meters 12° 47.0′ S 177° 28.5′ E
(30(165)90 Auckland)

83032 1Ed. 2/3/90 LAST NM 39/90 24/91
Add Depth 31 meters 11° 41.4′ S 178° 21.0′ W
(MCNM1105/91)

83032 1Ed. 2/3/90 LAST NM 24/91 16/92
Substitute Depth 537 meters for 54 meters 12° 36′ S 178° 14′ W
(Fr CH 6067)

83032 1Ed. 2/3/90 LAST NM 16/92 1/93
Add Danger circle "Reef Rep (1992)" 11° 40.9′ S 174° 17.7′ E
(15(1136)92 Taunton)

83032 1Ed. 2/3/90 LAST NM 1/93 31/93
Add Depth 20 meters enclosed by danger circle "Rep (1993)" 11° 42.8′ S 177° 52.8′ W
(11(916)93 Taunton)

83032 1Ed. 2/3/90 LAST NM 31/93 1/94
Add Depth 20 meters enclosed by danger circle "Rep (1993)" 10° 09.5′ S 179° 41.8′ W

R Bn (AERO) 12° 29.5′ S 177° 03.3′ E
(MCC1292/93; Fr CH 7283)

83032 1Ed. 2/3/90 LAST NM 1/94 16/94
Delete Danger circle and legend "Rep (1993)" from depth 20 meters 10° 09.5′ S 179° 41.8′ W
(See 1/94-83032)
(48(54)93 Brest)

83

83032 1Ed. 2/3/90 LAST NM 16/94 41/95
Delete Depth 340 meters 13° 13′ S 175° 06′ E

Add Depth
230 meters 13° 33.9′ S 175° 54.0′ E
196 meters 13° 13.0′ S 175° 07.5′ E
(34(2829)95 Taunton)

83032 1Ed. 2/3/90 LAST NM 41/95 18/02
Delete R Bn (AERO) 12° 29.5′ S 177° 03.3′ E
(6(58)02 Wellington)

★83032 1Ed. 2/3/90 LAST NM 18/02 4/10
Add "Depths to 384m rep (2009)" area bound by dashed-line circle, radius 6 miles, centered
11° 10.0′ S 178° 41.0′ E
"Depths to 596m rep (2009)" area bound by dashed-line circle, radius 7 miles, centered
11° 24.0′ S 178° 31.0′ E
"Depths to 148m rep (2009)" area bound by dashed-line circle, radius 7 miles, centered
13° 33.0′ S 175° 54.0′ E
(NTM0011/2009)

★83032 1Ed. 2/3/90 LAST NM 4/10 7/10
Add "Depths to 426m rep (2009)" area bound by dashed line joining
11° 42.5′ S 176° 29.0′ E
11° 45.0′ S 176° 52.5′ E
11° 58.5′ S 176° 28.0′ E
11° 53.0′ S 176° 22.0′ E
(NTM0011/2009)

★83034 1Ed. 7/28/90 NEW CHART 43/90
(DMAHTC)

83034 1Ed. 7/28/90 LAST NM 43/90 8/91
Add Danger circle
"Volcanic activity (1990)" (PA) 19° 10′ S 175° 41′ E
(1(70)91 Taunton)

83034 1Ed. 7/28/90 LAST NM 8/91 13/93
Add Danger circle "Shoals Rep (1993)" (PA)
19° 30′ S 177° 25′ W

Legend "Shoals Rep (1993)" 20° 08′ S 177° 28′ W
19° 28′ S 179° 41′ W
(3(43)93 Auckland)

83034 1Ed. 7/28/90 LAST NM 13/93 35/93
Add Legend "Rep to lie 5 miles NE (1991)"
15° 40.5′ S 175° 51.5′ E

Depth 226 meters 18° 01.0′ S 176° 16.6′ E
(24(185)93 Auckland)

83034 1Ed. 7/28/90 LAST NM 35/93 23/94
Change Light to Fl(2) 17° 23.8′ S 179° 22.5′ E
(8(699)94 Taunton)

83034 1Ed. 7/28/90 LAST NM 23/94 16/95
Add Racon at light 16° 45′ S 179° 06′ W
(BA RA)

83034 1Ed. 7/28/90 LAST NM 16/95 28/95
Delete Depth 576 meters "Rep (1966)" 16° 04.3′ S 177° 56.0′ E

Add Depth 451 meters 16° 04.7′ S 177° 55.6′ E
(21(166)95 Auckland)

83034 1Ed. 7/28/90 LAST NM 28/95 41/95
Add Depth 230 meters 13° 33.9′ S 175° 54.0′ E
(34(2829)95 Taunton)

83034 1Ed. 7/28/90 LAST NM 41/95 43/95
Delete R Bn (AERO) 17° 47′ S 177° 25′ E
(BA RA)

83034 1Ed. 7/28/90 LAST NM 43/95 47/95
Add Depth 11.9 meters 15° 56.5′ S 179° 17.1′ W
(39(306)95 Auckland)

83034 1Ed. 7/28/90 LAST NM 47/95 7/96
Delete R Bn (AERO) 16° 27′ S 179° 20′ E
18° 03′ S 178° 33′ E
18° 01′ S 178° 28′ E
18° 08′ S 178° 28′ E
17° 54′ S 177° 19′ E
(BA RA)

83034 1Ed. 7/28/90 LAST NM 7/96 30/96
Add Danger circle "Shoal rep (1996)" (PA) 17° 27′ S 176° 35′ W
19° 56′ S 177° 12′ W
(23(207)96 Auckland)

83034 1Ed. 7/28/90 LAST NM 30/96 41/98
Delete Depth 14.6 meters "Rep (1981)" 16° 00.0′ S 179° 17.1′ W

Substitute Depth 11.5 meters for 11.9 meters 15° 56.5′ S 179° 17.1′ W
(33(2948)98 Taunton)

83034 1Ed. 7/28/90 LAST NM 41/98 44/99
Add Depth 4.9 meters [I4] with enclosing dotted-line circle and blue tint 18° 40.0′ S 178° 18.0′ W
(30(2667)98 Taunton)

83034 1Ed. 7/28/90 LAST NM 44/99 16/01
Substitute Depth 7.6 meters for 10.9 meters 18° 10.0′ S 178° 18.7′ W
(32(3003)99 Taunton)

83034 1Ed. 7/28/90 LAST NM 16/01 39/01
Add Depth 10 meters "Rep (2001)" [I3.2]
15° 57.2′ S 175° 38.8′ E
(20(168)01 Wellington)

83034 1Ed. 7/28/90 LAST NM 39/01 12/02
Add Danger circle [K1] "Volcanic Activity Rep (2001)" 18° 46.5′ S 179° 10.8′ E
(3(34)02 Wellington)

83034 1Ed. 7/28/90 LAST NM 12/02 23/04
Substitute Depth 8.8 meters for 5.5 meters 17° 53.8′ S 178° 56.1′ W
(36(3360)99 Taunton)

83034 1Ed. 7/28/90 LAST NM 23/04 15/05
Add Submarine cable [L30.1] joining 18° 10.0′ S 178° 28.1′ E
18° 17.0′ S 178° 25.2′ E
18° 25.8′ S 178° 21.3′ E
(5(55)04 Wellington)

83034 1Ed. 7/28/90 LAST NM 15/05 39/05
Add Dashed-line circle with blue tint [Ke]
"Discol water (1999)" 15° 37.0′ S 176° 04.5′ E
(3(268)00 Taunton)

83034 1Ed. 7/28/90 LAST NM 39/05 46/05
Substitute Depth 22 meters for 33 meters 16° 40.0′ S 178° 38.0′ W
(NTM0031/2005)

83034 1Ed. 7/28/90 LAST NM 46/05 3/08
Substitute Depth 390 meters for 512 meters 16° 27.3′ S 177° 19.0′ W
(NTM0017/2007)

83034 1Ed. 7/28/90 LAST NM 3/08 10/09
Add Depth 962 meters 18° 35.0′ S 179° 04.0′ E
Depth 1341 meters 18° 35.0′ S 179° 23.0′ E
Depth 1664 meters 18° 46.0′ S 179° 17.0′ E
Depth 1335 meters 19° 08.0′ S 179° 26.0′ E
Depth 1270 meters 18° 26.0′ S 176° 42.0′ E
Depth 1189 meters 18° 26.0′ S 179° 59.0′ E
Depth 918 meters 17° 42.0′ S 175° 42.0′ E
Depth 1055 meters 17° 21.0′ S 175° 11.0′ E
Depth 1207 meters 18° 32.0′ S 175° 38.0′ E
Depth 1377 meters 19° 37.0′ S 173° 59.0′ E
Depth 948 meters 20° 07.0′ S 177° 03.0′ E
Depth 764 meters 19° 56.0′ S 177° 43.0′ E
Depth 1260 meters 19° 38.0′ S 177° 28.0′ E
Depth 1295 meters 17° 24.0′ S 175° 48.0′ E
(NTM0038/2008)

83034 1Ed. 7/28/90 LAST NM 10/09 4/10
Add "Depths to 637m rep (2009)" area bound by dashed-line circle, radius 5 miles, centered 19° 51.0′ S 178° 57.0′ W

"Depths to 503m rep (2009)" area bound by shore and dashed-line greater arc of a circle, radius 5 miles, centered 17° 01.0′ S 179° 59.0′ W
arc between 16° 56.0′ S 179° 58.3′ W
17° 00.4′ S 179° 55.8′ E

"Depths to 148m rep (2009)" area bound by dashed-line circle, radius 7 miles, centered 13° 33.0′ S 175° 54.0′ E

"Depths to 490m rep (2009)" area bound by dashed-line circle, radius 8 miles, centered 15° 50.0′ S 179° 51.5′ E

"Depths to 514m rep (2009)" area bound by dashed-line circle, radius 8 miles, centered 15° 59.0′ S 179° 26.0′ E

(NTM0011/2009)

83034 1Ed. 7/28/90 LAST NM 4/10 7/10
Add "Shoal rep (2009)" area bound by dotted line joining 16° 43.0′ S 177° 09.5′ E
16° 43.0′ S 177° 20.0′ E
16° 35.0′ S 177° 29.0′ E
16° 40.0′ S 177° 34.5′ E
17° 00.0′ S 177° 16.0′ E
17° 00.0′ S 176° 53.0′ E

(NTM0011/2009)

★**83037** 16Ed. 8/29/98 NEW EDITION 1/99
Change Legend to "CHART 83103" 2° 49.5′ S 171° 34.0′ W

Add Depth 348 meters "Rep (1968)" 2° 40.0′ S 174° 04.0′ W
(NIMA; NVS6179/80)

★**83039** 11Ed. 5/26/84 NEW EDITION 30/84
Add Danger circle "Vol Rep (1984)" 19° 01.2′ S 174° 43.9′ W
(DMAHTC; 20(1286)84 Taunton)

83039 11Ed. 5/26/84 LAST NM 30/84 36/84
Add Depths
4¼ fathoms 17° 38.9′ S 177° 19.4′ E
4¾ fathoms 17° 33.4′ S 177° 07.0′ E
(27(1756)84 Taunton)

83039 11Ed. 5/26/84 LAST NM 36/84 2/85
Delete R Bn (AERO) 18° 14.0′ S 178° 10.5′ E
(BA RA)

83039 11Ed. 5/26/84 LAST NM 2/85 10/85
Add Depth 54 fathoms 18° 20.7′ S 174° 13.1′ W
(39(2549)84 Taunton)

83039 11Ed. 5/26/84 LAST NM 10/85 11/85
Add Depth 47 fathoms 20° 32.8′ S 178° 39.4′ W
(39(2548)84 Taunton)

83039 11Ed. 5/26/84 LAST NM 11/85 28/85
Change Legend "Vol Rep (1984)" to "Volcanic activity Rep (1984)" 19° 01.2′ S 174° 43.9′ W
(See 30/84-83039)
(16(96)85 Auckland)

83039 11Ed. 5/26/84 LAST NM 28/85 50/85
Delete Depth 315 fathoms 16° 59′ S 177° 43′ W

Add Depth 19 fathoms "Rep (1985)" 17° 00.8′ S 177° 41.6′ W
(40(2670)85 Taunton)

83039 11Ed. 5/26/84 LAST NM 50/85 6/86
Delete Depths
17 fathoms 13° 50.0′ S 171° 20.0′ W
23 fathoms "Rep (1981)" 13° 44.0′ S 171° 35.3′ W

Substitute Depths
448 fathoms for 18 fathoms "Rep (1963)" 14° 24.8′ S 171° 18.0′ W
172 fathoms for 390 fathoms 12° 14.0′ S 173° 57.0′ W

Add Depth 207 fathoms 13° 15.0′ S 173° 07.2′ W
(HNNM7671/86)

83039 11Ed. 5/26/84 LAST NM 6/86 15/86
Delete Depth 26 fathoms "Rep (1979)" 14° 00.0′ S 172° 08.0′ W

Add Depths
19 fathoms 14° 01.4′ S 172° 10.6′ W
14 fathoms 12° 31.7′ S 174° 19.2′ W
(7(60)86 Auckland)

83039 11Ed. 5/26/84 LAST NM 15/86 45/86
Add Depth 10 fathoms 16° 37.7′ S 177° 29.9′ E
(38(2775)86 Taunton)

★**83039** 11Ed. 5/26/84 LAST NM 45/86 1/87
Delete Dangerous submerged rock and legend "(rep 1911) PA" 20° 53.0′ S 172° 18.5′ W
(MCNM7864/86)

83039 11Ed. 5/26/84 LAST NM 1/87 10/87
Add Dangerous submerged rock and legend "Albert Meyer Reef Rep (1911)" (PD) 20° 53.0′ S 172° 18.5′ W
(Supersedes 1/87-83039)
(MCNM7902/87)

83039 11Ed. 5/26/84 LAST NM 10/87 30/87
Change Light to Fl 20M 13° 59′ S 171° 21′ W
(20(144)87 Auckland)

83039 11Ed. 5/26/84 LAST NM 30/87 31/87
Add Depth 257 fathoms "Rep (1987)" 15° 23.5′ S 173° 35.0′ W
(22(1644)87 Taunton)

★**83039** 11Ed. 5/26/84 LAST NM 31/87 48/87
Add Depths
292 fathoms 19° 17.1′ S 169° 32.7′ W
118 fathoms 21° 32.0′ S 178° 52.0′ W

Legend "(PD)" to depth 98 fathoms "Rep (1951)" 21° 35.0′ S 178° 55.0′ W
(MCNM8003/87; 37(2825)87 Taunton)

83039 11Ed. 5/26/84 LAST NM 48/87 10/88
Add Depth 99 fathoms "Rep (1977)" (PA) 16° 17′ S 173° 51′ W
(MCNM8064/88)

83039 11Ed. 5/26/84 LAST NM 10/88 30/88
Delete Depth 41 fathoms "Rep (1972)" 21° 05′ S 175° 34′ W
(MCNM8016/87)

83039 11Ed. 5/26/84 LAST NM 30/88 1/90
Change Characteristic of light to Fl(3) 18° 23′ S 178° 10′ E
(38(2867)89 Taunton)

83039 11Ed. 5/26/84 LAST NM 1/90 39/90
Substitute Depth 13 fathoms for 16 fathoms 12° 47′ S 177° 29′ E
(30(165)90 Auckland)

83039 11Ed. 5/26/84 LAST NM 39/90 40/90
Change Light to Fl G 8M 20° 59.5′ S 175° 13.8′ W
Characteristic of light to Iso 21° 01.9′ S 175° 08.0′ W
Visibility (range) of light to 10M 21° 03.8′ S 175° 19.9′ W
(BA LL)

83039 11Ed. 5/26/84 LAST NM 40/90 41/90
Add Legends "SEE CAUTION" 14° 09′ S 170° 25′ W
14° 24′ S 170° 55′ W

Caution note in upper left margin of chart
"CAUTION
Fish Aggregating Devices (FADS) are established along the coastal waters of American Samoa Islands."
(38/90 CG14)

83039 11Ed. 5/26/84 LAST NM 41/90 43/90
Change Light to Q(3) 10M 18° 42.9′ S 174° 08.4′ W
(BA LL)

83039 11Ed. 5/26/84 LAST NM 43/90 1/93
Change Light to Fl(2) 10M 20° 16.2′ S 174° 49.6′ W

Legend to "Volcanic activity (1992)"
20° 50.5′ S 175° 46.0′ W

Add Depth 41 fathoms "Rep (1992)" 21° 04.9′ S 175° 33.0′ W
(5(363), 14(1060)92 Taunton)

83039 11Ed. 5/26/84 LAST NM 1/93 3/93
Add Lights
Fl(2) 10M 19° 38.5′ S 174° 18.5′ W
Fl 10M 19° 51.3′ S 174° 31.0′ W
Q(3) 10M 20° 00.0′ S 174° 47.0′ W
Fl(3) 10M 20° 06.0′ S 174° 47.9′ W
L Fl 10M 18° 37.7′ S 174° 04.2′ W
(11(830), 17(1266)92 Taunton; MCC1157/92)

83039 11Ed. 5/26/84 LAST NM 3/93 4/93
Add Light L Fl 10M 21° 20.4′ S 174° 57.3′ W
(25(1835)92 Taunton)

83039 11Ed. 5/26/84 LAST NM 4/93 13/93
Add Danger circle
"Shoals Rep (1993)" (PA) 19° 30′ S 177° 25′ W
"Shoal Rep (1993)" (PA) 18° 48′ S 175° 14′ W
18° 23′ S 176° 33′ W
18° 44′ S 176° 35′ W
19° 10′ S 175° 07′ W
19° 15′ S 175° 19′ W
19° 40′ S 176° 00′ W
20° 20′ S 176° 00′ W

Depth 6½ fathoms "Rep (1993)" (PA) 21° 16′ S 175° 40′ W

Legend "Shoals Rep (1993)" 19° 27′ S 176° 33′ W
19° 48′ S 176° 35′ W
20° 08′ S 177° 28′ W
19° 28′ S 179° 41′ W
(3(43)93 Auckland)

83039 11Ed. 5/26/84 LAST NM 13/93 37/93
Add Legend "Volcanic Activity (1993)" 20° 16′ S 175° 38′ W
19° 41′ S 174° 50′ W
(29(217), 30(224)93 Auckland)

83039 11Ed. 5/26/84 LAST NM 37/93 45/93
Substitute Danger circle
"Volcanic Activity (1993)" for
depth 2 fathoms and legend
"Volcanic...1979)" 19° 10′ S 174° 50′ W
(37(265)93 Auckland)

83039 11Ed. 5/26/84 LAST NM 45/93 11/94
Change Characteristic of light to Fl 10s 19° 03′ S 169° 55′ W
(3(35)94 Auckland)

83039 11Ed. 5/26/84 LAST NM 11/94 20/94
Add Depth 16 fathoms "Rep (1994)" 20° 21.5′ S 176° 54.3′ E
(14(1149)94 Taunton)

83039 11Ed. 5/26/84 LAST NM 20/94 24/94
Add Depth 177 fathoms 13° 02′ S 174° 57′ W
(16(123)94 Auckland)

83039 11Ed. 5/26/84 LAST NM 24/94 8/95
Add Depth 163 fathoms "Rep (1994)" 18° 33′ S 174° 21′ W
(3(34)95 Auckland)

83039 11Ed. 5/26/84 LAST NM 8/95 13/95
Delete Depth
93 fathoms "Rep (1968)" 21° 44′ S 175° 58′ W
21 fathoms "Rep (1970)" 21° 50′ S 175° 51′ W
30 fathoms "Rep (1965)" 21° 49′ S 176° 03′ W
76 fathoms 21° 50′ S 175° 45′ W

Add Depth
83 fathoms 21° 44′ S 175° 57′ W
21 fathoms 21° 50′ S 175° 55′ W
70 fathoms 21° 52′ S 175° 47′ W
(8(76)95 Auckland)

83039 11Ed. 5/26/84 LAST NM 13/95 16/95
Delete Depth
8 fathoms 15° 40′ S 173° 34′ W
271 fathoms
"Rep (1977)" (PA) 16° 17′ S 173° 51′ W

Add Depth 8 fathoms 15° 37′ S 173° 37′ W

Legend "(ED)" to
depth 80 fathoms 16° 22′ S 173° 43′ W

Racon at light 16° 45′ S 179° 06′ W
(3(42)93 Auckland; NZ CH 14605; BA RA)

83039 11Ed. 5/26/84 LAST NM 16/95 18/95
Delete Depth 43 fathoms "Rep (1976)" 20° 46.2′ S 175° 10.0′ W

Substitute Depth 14 fathoms for
27 fathoms "Rep (1970)" 20° 42.0′ S 175° 10.8′ W
(13(118)95 Auckland)

83039 11Ed. 5/26/84 LAST NM 18/95 21/95
Delete Depth 14 fathoms and legend
"Unsurveyed" 12° 33′ S 174° 23′ W

Legend "(ED-rep 1960)" 12° 15′ S 176° 35′ W
(NZ CH 14605)

83039 11Ed. 5/26/84 LAST NM 21/95 28/95
Delete Depth 315 fathoms 16° 03′ S 177° 56′ E

Add Depth 246 fathoms 16° 05′ S 177° 56′ E
(21(166)95 Auckland)

83039 11Ed. 5/26/84 LAST NM 28/95 34/95
Substitute Islet with legend
"Volcanic island (1995)" for
danger circle "Volcanic...1993)" 19° 10′ S 174° 50′ W
(26(214)95 Auckland)

83039 11Ed. 5/26/84 LAST NM 34/95 35/95
Substitute Depth 82 fathoms for
87 fathoms "Rep (1977)" (PA) 19° 35′ S 175° 00′ W
(27(220)95 Auckland)

83039 11Ed. 5/26/84 LAST NM 35/95 38/95
Add Depth
230 fathoms 20° 37.0′ S 178° 18.5′ W
167 fathoms 21° 20.6′ S 178° 41.0′ W
(32(2647)95 Taunton)

83039 11Ed. 5/26/84 LAST NM 38/95 39/95
Add Depth 246 fathoms 21° 43.8′ S 175° 02.0′ W
(29(231)95 Auckland)

83039 11Ed. 5/26/84 LAST NM 39/95 43/95
Delete R Bn (AERO) 17° 47′ S 177° 26′ E
(BA RA)

83039 11Ed. 5/26/84 LAST NM 43/95 47/95
Add Depth 6½ fathoms 15° 56.5′ S 179° 17.1′ W
(39(306)95 Auckland)

83039 11Ed. 5/26/84 LAST NM 47/95 7/96
Delete R Bn (AERO) 18° 03′ S 178° 33′ E
(BA RA)

83039 11Ed. 5/26/84 LAST NM 7/96 21/96
Delete R Bn (AERO) 21° 12.0′ S 175° 13.0′ W
(BA RA)

83039 11Ed. 5/26/84 LAST NM 21/96 30/96
Add Danger circle "Shoal rep (1996)" 20° 20′ S 177° 32′ W
19° 56′ S 177° 12′ W
17° 27′ S 176° 35′ W
(23(207)96 Auckland)

83039 11Ed. 5/26/84 LAST NM 30/96 26/97
Add Depth
283 fathoms 20° 20.0′ S 175° 13.0′ W
284 fathoms 20° 35.0′ S 177° 10.0′ W
(16(138)97 Auckland)

83039 11Ed. 5/26/84 LAST NM 26/97 39/97
Add Depth
834 fathoms 21° 02.5′ S 168° 50.0′ W
486 fathoms 19° 11.6′ S 169° 31.0′ W
224 fathoms 18° 33.3′ S 172° 02.3′ W
(33(283)97 Auckland)

83039 11Ed. 5/26/84 LAST NM 39/97 3/98
Add Legend "Rep to lie 2 miles SW (1997)"
21° 04.0′ S 178° 55.0′ W
(34(3083)97 Taunton)

83039 11Ed. 5/26/84 LAST NM 3/98 41/98
Delete Depth 8 fathoms "Rep (1981)" 16° 00′ S 179° 17′ W

Substitute Depth 6 fathoms for 6½ fathoms 15° 57′ S 179° 17′ W
(33(2948)98 Taunton)

83039 11Ed. 5/26/84 LAST NM 41/98 44/99
Add Depth 2 fathoms 18° 40.0′ S 178° 18.0′ W
(30(2667)98 Taunton)

83039 11Ed. 5/26/84 LAST NM 44/99 52/99
Add Danger circle "Shoal Rep (1999)" [I4]
19° 49.5′ S 176° 04.8′ W
(44(418)99 Auckland)

83039 11Ed. 5/26/84 LAST NM 52/99 15/01
Add Depth 323 fathoms "Sub vol" enclosed by
danger circle 14° 12.9′ S 169° 03.5′ W
(NTM0013/2001)

83039 11Ed. 5/26/84 LAST NM 15/01 16/01
Substitute Depth 4 fathoms, blue tint and enclosing depth
contour (5-fathom) for 6 fathoms 18° 10.0′ S 178° 18.7′ W
(32(3003)99 Taunton)

83039 11Ed. 5/26/84 LAST NM 16/01 9/02
Add Legend "Volcanic Activity (2001)" 18° 19.1′ S 174° 21.1′ W
(2(27)02 Wellington)

83039 11Ed. 5/26/84 LAST NM 9/02 12/02
Add Danger circle [K1] "Volcanic Activity Rep
(2001)" 18° 46.5′ S 179° 10.8′ E
(3(34)02 Wellington)

83039 11Ed. 5/26/84 LAST NM 12/02 41/02
Add Danger circle [K1]
"Volcanic Activity Rep (2001)" 14° 34.5′ S 168° 55.5′ W
(17(120)02 Wellington)

83039 11Ed. 5/26/84 LAST NM 41/02 6/03
Substitute Depth 8½ fathoms for 12 fathoms 12° 56.8′ S 175° 40.0′ W
(47(4391)99 Taunton)

83039 11Ed. 5/26/84 LAST NM 6/03 23/04
Substitute Depth 4.8 fathoms for 3 fathoms 17° 53.8′ S 178° 56.1′ W
(36(3360)99 Taunton)

83039 11Ed. 5/26/84 LAST NM 23/04 15/05
Add Submarine cable [L30.1] joining 18° 10.0′ S 178° 28.1′ E
18° 17.0′ S 178° 25.2′ E
18° 25.8′ S 178° 21.3′ E
(5(55)04 Wellington)

83039 11Ed. 5/26/84 LAST NM 15/05 26/05
Add Depth 11 fathoms 12° 32′ S 174° 19′ W
(2(28)05 Wellington)

83039 11Ed. 5/26/84 LAST NM 26/05 34/05
Delete Light 21° 04.0′ S 175° 19.5′ W
(10(103)05 Wellington)

83039 11Ed. 5/26/84 LAST NM 34/05 39/05
Add Dashed-line circle with blue tint [Ke]
"Discol water (2000)" 20° 13.7′ S 176° 40.5′ E
(NTM0016/2005)

83039 11Ed. 5/26/84 LAST NM 39/05 46/05
Substitute Depth 12 fathoms for 18 fathoms "Rep (1964)"
16° 41.0′ S 178° 36.0′ W
(NTM0031/2005)

83039 11Ed. 5/26/84 LAST NM 46/05 51/06
Add Island point enclosed by danger circle [K1]
with legend "Volcanic Activity (2006)"
centered 18° 57.4′ S 174° 46.2′ W
(NTM0045/2006)

83039 11Ed. 5/26/84 LAST NM 51/06 13/07
Change Legend "Volcanic Activity (2006)" to
"Volcanic Activity (2006)" (PA) 18° 57.4′ S 174° 46.2′ W
(See 51/06-83039)
(NTM0045/2006)

83039 11Ed. 5/26/84 LAST NM 13/07 3/08
Substitute Depth 213 fathoms for 280 fathoms
16° 27.3′ S 177° 19.0′ W
(NTM0017/2007)

83039 11Ed. 5/26/84 LAST NM 3/08 10/09
Substitute Depth 540 fathoms for 666 fathoms 20° 32.0′ S 177° 27.0′ E

Add Depth 730 fathoms 19° 08.0′ S 179° 26.0′ E
Depth 694 fathoms 18° 26.0′ S 176° 42.0′ E
Depth 417 fathoms 19° 56.0′ S 177° 43.0′ E
Depth 689 fathoms 19° 38.0′ S 177° 28.0′ E
Depth 1001 fathoms 21° 04.0′ S 179° 54.0′ E
Depth 801 fathoms 21° 01.0′ S 176° 47.0′ E
Depth 683 fathoms 21° 38.0′ S 179° 06.0′ E
Depth 518 fathoms 20° 07.0′ S 177° 03.0′ E
Depth 709 fathoms 20° 46.0′ S 177° 04.0′ E
Depth 768 fathoms 20° 15.0′ S 177° 39.0′ E
(NTM0038/2008)

83039 11Ed. 5/26/84 LAST NM 10/09 12/09
Substitute Depth 14 fathoms enclosed by dashed-line
circle for 720 fathoms 14° 30.0′ S 175° 36.0′ W
(12(595)08 Wollongong)

★**83039** 11Ed. 5/26/84 LAST NM 12/09 15/09
Add "Depths to 128fms rep (2008)" area bound by
dashed-line circle, radius 7 miles, centered
16° 32.0′ S 173° 44.0′ W
(NTM0009/2009)

83039 11Ed. 5/26/84 LAST NM 15/09 35/09
Substitute Depth 27 fathoms for 25 fathoms 14° 02.9′ S 170° 04.9′ W
and add legend "Northeast Bank"

Add Depth 21 fathoms with legend "Sub Vol"
14° 12.8′ S 169° 33.0′ W
(NTM0037/2009)

83039 11Ed. 5/26/84 LAST NM 35/09 4/10
Substitute Depth 500 fathoms for 1499 fathoms
18° 04.3′ S 173° 17.7′ W

Add "Depths to 211fms rep (2009)" area bound by
dashed-line circle, radius 7 miles, centered
17° 15.0′ S 173° 24.0′ W
"Depths to 251fms rep (2009)" area bound by
dashed-line circle, radius 7 miles, centered
17° 34.0′ S 174° 43.0′ W
"Depths to 359fms rep (2009)" area bound by
dashed-line circle, radius 5 miles, centered
18° 03.0′ S 173° 19.0′ W
"Depths to 281fms rep (2009)" area bound by
dashed-line circle, radius 5 miles, centered
18° 05.0′ S 173° 41.0′ W
"Depths to 248fms rep (2009)" area bound by
dashed-line circle, radius 5 miles, centered
19° 51.0′ S 178° 57.0′ W
"Depths to 310fms rep (2009)" area bound by
dashed-line circle, radius 5 miles, centered
21° 19.0′ S 176° 59.0′ W
"Depths to 347fms rep (2009)" area bound by
dashed-line circle, radius 5 miles, centered
21° 29.0′ S 178° 25.0′ W
"Depths to 351fms rep (2009)" area bound by
dashed-line circle, radius 7 miles, centered
21° 39.0′ S 177° 19.0′ W

(continued on next page)

83039 (Continued) 4/10
"Depths to 268fms rep (2009)" area bound by dashed-line circle, radius 8 miles, centered 15° 50.0′ S 179° 51.5′ E
"Depths to 281fms rep (2009)" area bound by dashed-line circle, radius 8 miles, centered 15° 59.0′ S 179° 26.0′ E

Depth 287 fathoms 17° 15.4′ S 173° 24.0′ W
Depth 256 fathoms 17° 35.2′ S 174° 43.4′ W
Depth 301 fathoms 21° 26.9′ S 178° 32.2′ W
Depth 451 fathoms 21° 30.2′ S 178° 26.4′ W
(NTM0011/2009)

83039 11Ed. 5/26/84 LAST NM 4/10 7/10
Add "Shoal rep (2009)" area bound by dotted line joining 16° 43.0′ S 177° 09.5′ E
16° 43.0′ S 177° 20.0′ E
16° 35.0′ S 177° 29.0′ E
16° 40.0′ S 177° 34.5′ E
17° 00.0′ S 177° 16.0′ E
17° 00.0′ S 176° 53.0′ E
(NTM0011/2009)

★83044 7Ed. 1/7/78 NEW EDITION 9/78
(DMAHC)

83044 7Ed. 1/7/78 LAST NM 9/78 21/96
(Plan A)
Delete R Bn (AERO) 2° 38.5′ S 176° 49.6′ E
(BA RA)

★83052 3Ed. 6/24/78 NEW EDITION 31/78
(DMAHC)

83052 3Ed. 6/24/78 LAST NM 31/78 33/88
Add Position circle "Raft" (PA) 3° 05′ 57″N 172° 42′ 29″E
(20(1548)88 Taunton)

83052 3Ed. 6/24/78 LAST NM 33/88 4/11
Substitute Danger circle "Obstn (dries)" [K40] for beacon "K" 3° 03′ 05″N 172° 47′ 13″E
Danger circle "Obstn" [K40] for beacon "M" 3° 02′ 38″N 172° 47′ 29″E
(UKHO ARCS 3269-4)

★83059 3Ed. 4/24/10 NEW EDITION 22/10
(NGA)

★83094 11Ed. 1/28/95 NEW EDITION 14/95
Change Line 1 of Source Listing Note in upper left margin of chart to "British Admiralty Chart 2988..... 1:50,000/1:15,000"
(DMAHTC)

★83101 2Ed. 9/17/77 NEW EDITION 44/77
(DMAHC)

83101 2Ed. 9/17/77 LAST NM 44/77 16/81
Delete Note in upper left margin of chart

(Plan A)
Delete Legend "SEE CAUTION" 3° 05′ 14″S 171° 06′ 34″W

(Plan B)
Delete Legend "SEE CAUTION" 3° 33′ 46″S 171° 30′ 06″W
(NVS6355/81)

★83103 3Ed. 6/6/98 NEW EDITION 40/98
(NIMA)

★83105 5Ed. 11/21/81 NEW EDITION 4/82
(DMAHTC)

★83105 5Ed. 11/21/81 LAST NM 4/82 21/97
Add Position circle "ANT" (PA) 2° 48′ 00.3″S 171° 43′ 16.7″W
2° 48′ 09.6″S 171° 43′ 20.2″W

(And Plan)
Add Position circle
"ANT" (PA) 2° 48′ 19.9″S 171° 43′ 16.7″W
"Pole" (PA) 2° 48′ 46.2″S 171° 42′ 11.1″W
(GIMM043/96)

★83116 5Ed. 9/06 NEW EDITION 52/06
(NOS)

★83130 2Ed. 6/4/77 NEW EDITION 31/77
(DMAHC)

83130 2Ed. 6/4/77 LAST NM 31/77 17/78
(Plans A & B)
Delete Range lights,
front and legend "Missing" 1° 58′ 55.9″N 157° 28′ 32.2″W
rear and legend "Exting" 1° 58′ 58.0″N 157° 28′ 32.0″W

Range line and legend "Lights in line 005° 30′ "
(Plan A) between 1° 58′ 58.0″N 157° 28′ 32.0″W
1° 58′ 09.5″N 157° 28′ 36.5″W

(Plan B) between 1° 58′ 58.0″N 157° 28′ 32.0″W
1° 58′ 47.7″N 157° 28′ 33.0″W
(US LL)

83130 2Ed. 6/4/77 LAST NM 17/78 6/81
Delete Position circle "R MAST (146)" 1° 54.5′ N 157° 31.7′ W

Bn 1° 52.8′ N 157° 34.0′ W

Add Position circle "Radio Tr (PA)" 2° 02.3′ N 157° 27.2′ W
(48(2635)80 Taunton)

83130 2Ed. 6/4/77 LAST NM 6/81 33/88
Add Position circles "Raft" (PA) 2° 01.9′ N 157° 32.3′ W
2° 04.5′ N 157° 32.7′ W
(20(1549)88 Taunton)

★83153 2Ed. 12/08 NEW EDITION 7/09
(NOS)

★83157 6Ed. 5/06 NEW EDITION 32/06
(NOS)

★83157 6Ed. 5/06 LAST NM 32/06 46/07
Change Legend to "18 ft rep 2006" 5° 52′ 21.0″N 162° 06′ 44.0″W
(NOS)

★83158 7Ed. 11/24/84 NEW EDITION 7/85
(DMAHTC)

83158 7Ed. 11/24/84 LAST NM 7/85 30/91
(Plan B)
Delete Depths 31 feet 3° 51′ 20″N 159° 22′ 05″W
3° 51′ 20″N 159° 22′ 04″W
3° 51′ 20″N 159° 22′ 06″W

Add Depth 12 feet 3° 51′ 20″N 159° 22′ 05″W
Stranded wreck 3° 51′ 23″N 159° 21′ 38″W
(19(1382)91 Taunton)

★83207 8Ed. 7/3/82 NEW EDITION 39/82
(DMAHTC)

83207 8Ed. 7/3/82 LAST NM 39/82 33/86
Relocate Light close SW to 8° 55′ 32″S 140° 05′ 18″W
(Fr CH 5988)

83207 8Ed. 7/3/82 LAST NM 33/86 5/89
Delete Depth 16 fathoms 9° 57′ 05″S 144° 04′ 52″W

Add Depth 9¾ fathoms 9° 57′ 04″S 144° 04′ 51″W
(41(38)88 Brest)

83207 8Ed. 7/3/82 LAST NM 5/89 11/89
Delete Depth 16 fathoms 8° 57′ 05″S 140° 04′ 52″W

(continued on next page)

83207 (Continued) 11/89
Add Depth 9 3/4 fathoms 8° 57′ 04″ S 140° 04′ 51″ W
(Cancels 5/89-83207)
(41(38)88 Brest)

83207 8Ed. 7/3/82 LAST NM 11/89 32/90
Add R Bn (AERO) 8° 49′ 15″ S 140° 11′ 59″ W
(10(45)90 Brest)

83207 8Ed. 7/3/82 LAST NM 32/90 34/90
Add Caution note in upper left margin of chart
"CAUTION
Fish Aggregating Devices (FADS) are established along the coastal waters of Iles Marquises."
(29/90 Papeete)

83207 8Ed. 7/3/82 LAST NM 34/90 8/91
Relocate R Bn (AERO) close NE to 8° 49′ 04″ S 140° 11′ 18″ W
(23(52)90 Brest)

83207 8Ed. 7/3/82 LAST NM 8/91 28/92
Add Depth 13 fathoms Obstn 8° 56′ 19″ S 140° 05′ 04″ W

Buoys, orange, Fl (Priv maintd) with legend "FAD" 8° 52.0′ S 140° 16.0′ W
8° 56.4′ S 140° 14.0′ W
(11/92 Papeete; 9(50)92 Brest)

83207 8Ed. 7/3/82 LAST NM 28/92 36/92
Add Buoy (mooring) 8° 55′ 50″ S 140° 05′ 00″ W
(28(34)92 Brest)

83207 8Ed. 7/3/82 LAST NM 36/92 43/92
Delete Depth 13 fathoms Obstn 8° 56′ 19″ S 140° 05′ 04″ W
(See 28/92-83207)
(33(63)92 Brest)

83207 8Ed. 7/3/82 LAST NM 43/92 23/94
Change Light to
Q(3) RG 6s 95ft 4/2M 8° 55.8′ S 140° 04.8′ W
Dir Fl WRG 48ft 8-6M 8° 55.5′ S 140° 05.3′ W
(12(59)94 Brest; Fr LL)

83207 8Ed. 7/3/82 LAST NM 23/94 32/94
Delete Buoy and legend "FAD" 8° 52′ S 140° 16′ W
(MCC1306/94)

83207 8Ed. 7/3/82 LAST NM 32/94 36/95
Add Position circle "Cross" 8° 53′ 40″ S 140° 01′ 47″ W

Bearing line extending in 160° direction from above position circle dashed for 1040 meters, thence solid for 3060 meters

Legend "340°" along above bearing line 8° 55′ 00″ S 140° 01′ 15″ W
(Fr CH 7352; 22(43)95 Brest)

83207 8Ed. 7/3/82 LAST NM 36/95 36/96
Delete R Bn (AERO) 8° 49′ 04″ S 140° 11′ 18″ W
(BA RA)

83207 8Ed. 7/3/82 LAST NM 36/96 40/97
Delete Buoy 8° 56.4′ S 140° 14.0′ W
(18/97 Papeete)

★**83218** 5Ed. 12/29/84 NEW EDITION 12/85
Change Latitude 10° 56′ 50″ S to 10° 03′ 50″ S in lower left corner of chart
(DMAHTC)

83218 5Ed. 12/29/84 LAST NM 12/85 23/90
Add Depth 5 1/2 fathoms 9° 45′ 21″ S 138° 52′ 07″ W
(50(51)89 Brest)

83218 5Ed. 12/29/84 LAST NM 23/90 31/90
Add R Bn (AERO) 9° 46.0′ S 139° 01.0′ W
(10(45)90 Brest)

83218 5Ed. 12/29/84 LAST NM 31/90 34/90
Add Caution note in upper left margin of chart
"CAUTION
Fish Aggregating Devices (FADS) are established along the coastal waters of Iles Marquises."
(29/90 Papeete)

83218 5Ed. 12/29/84 LAST NM 34/90 28/92
Add Buoy, orange, Fl (Priv maintd) with legend "FAD" 9° 57.0′ S 139° 08.0′ W
(11/92 Papeete)

83218 5Ed. 12/29/84 LAST NM 28/92 2/93
Delete Buoy "FAD" 9° 57.0′ S 139° 08.0′ W
(Supersedes 28/92-83218)
(24/92 Papeete)

83218 5Ed. 12/29/84 LAST NM 2/93 51/93
Add Depth
29 fathoms enclosed by depth contour (30-fathom) 9° 58′ 30″ S 139° 09′ 12″ W
9 fathoms (ED) enclosed by depth contour (10-fathom) 9° 46′ 30″ S 139° 10′ 11″ W
(34(53)93 Brest)

83218 5Ed. 12/29/84 LAST NM 51/93 9/94
Add Buoy, orange, Fl (Priv maintd) with legend "FAD" 9° 51′ S 138° 57′ W
(24/93 Papeete)

83218 5Ed. 12/29/84 LAST NM 9/94 16/94
Delete Dangerous submerged rock 9° 41′ 32″ S 138° 57′ 38″ W

Add Rock awash 9° 41′ 31″ S 138° 58′ 47″ W
(52(45)93 Brest)

83218 5Ed. 12/29/84 LAST NM 16/94 36/96
Delete R Bn (AERO) 9° 46.0′ S 139° 01.0′ W
(BA RA)

★**83225** 4Ed. 4/1/41 NEW EDITION 18/41
(USHO)

83225 4Ed. 4/1/41 LAST NM 18/41 39/69
Add Depth 28 fathoms "Rep (1969)" 25° 05′ 12″ S 130° 04′ 32″ W
(33(1267)69 Taunton)

83225 4Ed. 4/1/41 LAST NM 39/69 32/87
Change Note in lower left margin of chart to

"Users should refer corrections, additions, and comments for improving this product to: DIRECTOR, DEFENSE MAPPING AGENCY HYDROGRAPHIC/ TOPOGRAPHIC CENTER, ATTN: PR, Washington, D.C. 20315-0030."
(MCNM7926/87)

83225 4Ed. 4/1/41 LAST NM 32/87 52/90
(Plan D)
Substitute Position circle "FS" for light 25° 03.9′ S 130° 04.7′ W
(45(3243)90 Taunton)

83225 4Ed. 4/1/41 LAST NM 52/90 3/99
(Plan D)
Add Dangerous submerged rock (PA)
25° 04′ 29″ S 130° 06′ 47″ W
25° 04′ 38″ S 130° 06′ 30″ W
25° 04′ 40″ S 130° 06′ 12″ W
25° 04′ 48″ S 130° 05′ 48″ W

Rock awash (PA) 25° 04′ 20″ S 130° 07′ 05″ W
25° 04′ 38″ S 130° 05′ 32″ W
25° 04′ 40″ S 130° 06′ 46″ W
(9(765)98 Taunton)

★**83251** 2Ed. 7/11/98 NEW EDITION 45/98
Change Buoy to "2" R, can, can topmark, Fl R 2½s 23° 06.5′ S 135° 02.2′ W

Shape of buoy "4" to can 23° 07.5′ S 135° 00.9′ W
Color of beacon to WG 23° 08.4′ S 134° 54.4′ W

Add Beacon R, can topmark, Fl R 2½s 5m 4M 23° 08′ 30″S 134° 57′ 26″W
(NIMA; 7/98 Papeete; Fr LL)

83251 2Ed. 7/11/98 LAST NM 45/98 2/03
Change Light to Fl G 4s 6m 6M 23° 06′ 07.1″S 134° 57′ 05.2″W
Light to Fl G 4s 11m 6M 23° 05′ 54.0″S 134° 57′ 03.1″W
(BA LL)

83251 2Ed. 7/11/98 LAST NM 2/03 12/03
Delete Dashed line and legends "Passe de l'Ouest" and "128°-308°" between 23° 03′ 28.2″S 135° 06′ 42.0″W
23° 08′ 39.7″S 134° 59′ 30.5″W
(17(38)00 Brest)

83251 2Ed. 7/11/98 LAST NM 12/03 39/07
Add Danger circle "Obstn" [K40] 23° 08′ 13.1″S 134° 59′ 28.1″W
(Fr CH 6463)

83251 2Ed. 7/11/98 LAST NM 39/07 21/09
Delete Buoy "4" 23° 07′ 33″S 135° 00′ 57″W

Change Buoy "2" to (undesignated) R, pillar, can topmark, Iso R 4s 23° 06′ 28″S 135° 02′ 13″W

Beacon to WR, Iso G 4s 6m 6M 23° 08′ 25″S 134° 55′ 04″W
Beacon to WR, Iso G 4s 18m 6M 23° 08′ 23″S 134° 54′ 32″W

Add Buoy R, pillar, can topmark, Oc R 4s 23° 07′ 37″S 135° 00′ 57″W
Buoy G, pillar, cone topmark, Fl G 2.5s 23° 05′ 31″S 134° 54′ 02″W

Beacon YBY, double cone topmark points together, VQ(9) 10s 5m 3M [Q130.3] 23° 07′ 11″S 134° 56′ 44″W
(20(29)01, 40(64)04, 25(36)06 Brest)

83251 2Ed. 7/11/98 LAST NM 21/09 47/10
Delete Depth 16 meters (ED), blue tint and enclosing dotted-line circle, centered 23° 19′ 30″S 134° 52′ 48″W
Depth 18 meters (ED), blue tint and enclosing dotted-line circle, centered 23° 20′ 51″S 134° 56′ 44″W
Depth 18 meters (ED), blue tint and enclosing dotted-line circle, centered 23° 16′ 42″S 134° 52′ 02″W

Depth 425 meters 23° 23′ 28″S 134° 52′ 18″W
Depth 1419 meters 23° 24′ 39″S 134° 52′ 10″W
Depth 271 meters 23° 25′ 24″S 134° 55′ 24″W
Depth 236 meters 23° 24′ 21″S 135° 00′ 00″W
Depth 304 meters 23° 25′ 33″S 135° 00′ 00″W
Depth 688 meters 23° 22′ 58″S 135° 01′ 45″W
Depth 303 meters 23° 21′ 10″S 135° 04′ 24″W
Depth 1179 meters 23° 22′ 48″S 135° 05′ 42″W
Depth 352 meters 23° 20′ 26″S 135° 07′ 00″W
Depth 522 meters 23° 18′ 44″S 135° 07′ 30″W
Depth 460 meters 23° 17′ 06″S 135° 04′ 42″W
Depth 1591 meters 23° 15′ 35″S 135° 05′ 54″W
(UKHO ARCS 4655-0)

★**83252** 8Ed. 7/4/98 NEW EDITION 45/98
Substitute Buoy R, can, can topmark, Fl R 1½s for beacon "10" 23° 07′ 13″S 134° 57′ 24″W

Change Buoys, each to R, can, can topmark
"2" Fl R 2½s 23° 06′ 28″S 135° 02′ 13″W
"4" Fl R 4s 23° 07′ 34″S 135° 00′ 56″W

Color of beacon to WG 23° 08′ 24″S 134° 54′ 26″W
(NIMA; Papeete 7/98)

83252 8Ed. 7/4/98 LAST NM 45/98 2/99
Delete Depth 4.2 meters 23° 07′ 44″S 135° 00′ 59″W

Add Depth 4.2 meters 23° 07′ 45″S 135° 01′ 00″W
(31(44)98 Brest)

83252 8Ed. 7/4/98 LAST NM 2/99 18/02
Delete Beacon 23° 08′ 25.6″S 134° 59′ 28.5″W
(25(54)99 Brest)

83252 8Ed. 7/4/98 LAST NM 18/02 2/03
Change Light to Fl G 4s 6m 6M 23° 06′ 07.1″S 134° 57′ 05.2″W
Light to Fl G 4s 11m 6M 23° 05′ 52.9″S 134° 57′ 03.9″W
(BA LL)

83252 8Ed. 7/4/98 LAST NM 2/03 12/03
Delete Dashed line and legends "(128°-308°)" and "Passe...308)" between 23° 05′ 48.9″S 135° 03′ 27.0″W
23° 08′ 40.0″S 134° 59′ 30.1″W

Change Color of beacon to WG 23° 08′ 14.0″S 134° 55′ 05.7″W
(17(38)00 Brest)

83252 8Ed. 7/4/98 LAST NM 12/03 39/07
Add Danger circle "Obstn" [K40] 23° 08′ 13.1″S 134° 59′ 28.1″W
(Fr CH 6463)

83252 8Ed. 7/4/98 LAST NM 39/07 21/09
Delete Buoy "4" 23° 07′ 34.0″S 135° 00′ 56.0″W
Buoy "2" 23° 06′ 28.0″S 135° 02′ 13.0″W

Change Buoy "1" to (undesignated) G, pillar, cone topmark, Fl G 4s 23° 08′ 39.3″S 134° 58′ 40.1″W

Beacon to YBY, double cone topmark points together, VQ(9) 10s 5m 3M [Q130.3] 23° 07′ 11.1″S 134° 56′ 43.7″W

Beacon to WR, Iso G 4s 6m 6M 23° 08′ 24.9″S 134° 54′ 58.7″W
Beacon to WR, Iso G 4s 18m 6M 23° 08′ 23.1″S 134° 54′ 25.7″W
Buoy to R, pillar, can topmark, Fl R 4s 23° 07′ 13.0″S 134° 57′ 24.0″W

Add Buoy R, pillar, can topmark, Iso R 4s 23° 06′ 26.7″S 135° 02′ 12.5″W
Buoy R, pillar, can topmark, Oc R 4s 23° 07′ 37.2″S 135° 00′ 57.5″W
Buoy R, pillar, can topmark, Fl R 2.5s 23° 06′ 16.6″S 134° 55′ 30.0″W
(20(29)01, 40(64)04, 25(36)06 Brest)

★**83253** 2Ed. 8/29/98 NEW EDITION 50/98
Change Color of beacon to WG 23° 08′ 24″S 134° 54′ 26″W

Add Beacon R, can topmark 23° 08′ 25″S 134° 59′ 32″W

Note in lower right margin of chart "RECOMMENDED ROUTES The recommended routes shown on this chart have not been systematically surveyed for obstructions."
(NIMA; GIMM016/98)

83253 2Ed. 8/29/98 LAST NM 50/98 18/02
Delete Beacon 23° 08′ 25.0″S 134° 59′ 30.0″W
(25(54)99 Brest)

83253 2Ed. 8/29/98 LAST NM 18/02 12/03
Delete Dashed line and legend "128°-308°" between 23° 07′ 42.7″S 135° 00′ 48.1″W
23° 08′ 40.2″S 134° 59′ 30.1″W
(17(38)00 Brest)

83253 2Ed. 8/29/98 LAST NM 12/03 39/07
Add Danger circle "Obstn" [K40] 23° 08′ 13.1″S 134° 59′ 28.1″W
(Fr CH 6463)

83253 2Ed. 8/29/98 LAST NM 39/07 21/09
Change Beacon to WR, Iso G 4s 18m 6M 23° 08′ 23.1″S 134° 54′ 25.7″W
Beacon to WR, Iso G 4s 6m 6M 23° 08′ 24.9″S 134° 54′ 58.7″W

Buoy "1" to (undesignated) G, pillar, cone topmark, Fl G 4s 23° 08′ 39.3″S 134° 58′ 40.1″W
(20(29)01, 25(36)06 Brest)

83253 2Ed. 8/29/98 LAST NM 21/09 47/10
Delete Depth 18 meters (ED), blue tint and enclosing dotted-line circle, centered 23° 16′ 42.0″ S 134° 51′ 58.0″ W
Depth 460 meters and enclosing depth contour (1000-meter) centered 23° 17′ 09.0″ S 135° 04′ 42.0″ W

Depth 1591 meters 23° 15′ 36.0″ S 135° 05′ 52.0″ W
(UKHO ARCS 4655-0)

★83254 2Ed. 8/8/98 NEW EDITION 45/98
Substitute Buoy R, can, can topmark, Fl R 1½s for beacon "10" 23° 07′ 13″ S 134° 57′ 23″ W
(NIMA; 7/98 Papeete)

83254 2Ed. 8/8/98 LAST NM 45/98 21/09
Change Beacon to YBY, double cone topmark points together, VQ(9) 10s 5m 3M [Q130.3] 23° 07′ 11.1″ S 134° 56′ 43.7″ W

Buoy to R, pillar, can topmark, Fl R 4s 23° 07′ 12.9″ S 134° 57′ 23.3″ W
(25(36)06 Brest)

★83255 2Ed. 3/14/98 NEW EDITION 10/99
Add Caution note "CAUTION
Navigation is prohibited within the Mururoa and Fangataufa lagoon areas.
See Sailing Directions." 22° 17′ 18″ S 139° 29′ 00″ W

Legend
"Restricted Area SEE CAUTION" 21° 50′ 00″ S 138° 55′ 00″ W
"Military Zone SEE CAUTION" 22° 15′ 00″ S 138° 45′ 00″ W
(NIMA; GIMM050/98)

83255 2Ed. 3/14/98 LAST NM 10/99 22/99
Delete Position circle "Control TR (15)" 21° 48.8′ S 138° 48.1′ W
(1(8)99 Brest)

83255 2Ed. 3/14/98 LAST NM 22/99 42/01
Delete RC (AERO) 21° 49′ 20″ S 138° 47′ 20″ W
(34(36)99 Brest)

★83382 10Ed. 3/6/10 NEW EDITION N19/10
Delete Purple circle at light 17° 28′ 23″ S 149° 46′ 31″ W
(NGA)

★83383 2Ed. 6/14/86 NEW EDITION 33/86
(DMAHTC)

83383 2Ed. 6/14/86 LAST NM 33/86 35/86
Change Light to Fl(2) G 6s 3m 4M 17° 31.3′ S 149° 46.7′ W
(BA LL)

83383 2Ed. 6/14/86 LAST NM 35/86 44/86
Delete Beacon 17° 31.45′ S 149° 45.76′ W
(36(59)86 Brest)

83383 2Ed. 6/14/86 LAST NM 44/86 14/87
Change Light to "(AERO) Lt" 17° 34′ 10″ S 149° 37′ 20″ W
Note: R Bn (AERO) remains
(Fr CH 6598)

83383 2Ed. 6/14/86 LAST NM 14/87 50/87
Change Lights to QR 17° 36.4′ S 149° 37.3′ W
17° 36.4′ S 149° 37.1′ W
(BA LL)

83383 2Ed. 6/14/86 LAST NM 50/87 41/89
Delete Light 17° 29.53′ S 149° 51.48′ W

Bn 17° 29.33′ S 149° 51.58′ W
(27(62)89 Brest)

83383 2Ed. 6/14/86 LAST NM 41/89 6/90
Change Visibility (range) of light to 5M 17° 31.60′ S 149° 33.08′ W
(37(36)89 Brest)

83383 2Ed. 6/14/86 LAST NM 6/90 18/90
Change Characteristic of buoys to
Fl R 17° 32.17′ S 149° 35.10′ W
Fl G 17° 32.22′ S 149° 35.15′ W
(4/90 Papeete)

83383 2Ed. 6/14/86 LAST NM 18/90 21/90
Change Buoys
"1" to G, spar, cone topmark, Fl G 4s 17° 28.72′ S 149° 49.61′ W
"2" to R, spar, can topmark, Fl R 4s 17° 28.61′ S 149° 49.50′ W
(42(56)89 Brest)

83383 2Ed. 6/14/86 LAST NM 21/90 34/90
Add Legends "SEE CAUTION" 17° 40′ S 149° 43′ W
17° 26′ S 149° 54′ W

Caution note
"CAUTION
Fish Aggregating Devices (FADS) are established along the coastal waters of Iles De La Societe." 17° 27′ S 150° 01′ W
(29/90 Papeete)

83383 2Ed. 6/14/86 LAST NM 34/90 8/91
Change Buoys to
R, pillar, can topmark, Fl R 4s 17° 32.3′ S 149° 35.1′ W
G, pillar, conical topmark, Fl G 4s 17° 32.4′ S 149° 35.3′ W
(18(58)90 Brest)

83383 2Ed. 6/14/86 LAST NM 8/91 39/91
Change Visibility (range) of light to 3M 17° 31.56′ S 149° 45.82′ W

Add R Bn (AERO) 17° 32.90′ S 149° 36.08′ W

Solid line (jetty) between 17° 32.90′ S 149° 36.08′ W
17° 32.96′ S 149° 36.01′ W

Position circle "R Tr (24m)" 17° 31.78′ S 149° 33.01′ W

Bn, G, Fl G 2.5s 3M 17° 31.40′ S 149° 45.83′ W
(11(47), 12(52)91 Brest)

83383 2Ed. 6/14/86 LAST NM 39/91 40/91
Substitute Depth 17.8 meters for 14 meters 17° 34.88′ S 149° 37.25′ W
(18(58)91 Brest)

83383 2Ed. 6/14/86 LAST NM 40/91 10/92
Change Characteristic of buoys to
Oc R 4s 17° 32.3′ S 149° 35.1′ W
Oc G 4s 17° 32.4′ S 149° 35.3′ W
(1/92 Papeete)

83383 2Ed. 6/14/86 LAST NM 10/92 13/92
Change Light to Fl 5s 21m 15M 17° 28′ 30″ S 149° 46′ 30″ W
(6/92 Papeete)

83383 2Ed. 6/14/86 LAST NM 13/92 23/92
Delete Light (AERO) 17° 34.16′ S 149° 37.66′ W
Note: R Bn (AERO) remains

R Bn (AERO) 17° 32.90′ S 149° 36.08′ W
(See 39/91-83383)
(12(50)92 Brest)

83383 2Ed. 6/14/86 LAST NM 23/92 28/92
Add Buoys, orange, Fl (Priv maintd) with legend "FAD" 17° 40.0′ S 149° 42.0′ W
17° 40.0′ S 149° 53.6′ W
17° 27.0′ S 149° 55.6′ W
(11/92 Papeete)

83383 2Ed. 6/14/86 LAST NM 28/92 12/93
Delete Depths
17.8 meters 17° 34.88′ S 149° 37.25′ W
0.1 meter 17° 33.53′ S 149° 37.60′ W

Add Depth 14.2 meters 17° 34.90′ S 149° 37.26′ W

Dangerous submerged rock 17° 33.50′ S 149° 37.38′ W
17° 33.52′ S 149° 37.30′ W
(48(46)92 Brest)

83383 2Ed. 6/14/86 LAST NM 12/93 15/93
Delete Position circle "Observatory" 17° 32.82′ S 149° 33.89′ W
(52(44)92 Brest)

83383 2Ed. 6/14/86 LAST NM 15/93 52/93
Delete Bn 17° 28.50′ S 149° 47.95′ W
(25/93 Papeete)

83383 2Ed. 6/14/86 LAST NM 52/93 23/94
Add Buoy Y, pillar, "X" topmark,
Fl(4) Y 15s 17° 28′ 59″S 149° 53′ 55″W
(6/93, 43/94 Papeete; 11(6)93 Brest)

83383 2Ed. 6/14/86 LAST NM 23/94 29/94
Change Shape of buoy to conical 17° 28′ 59″S 149° 53′ 55″W
(See 23/94-83383)
(18(49)94 Brest)

83383 2Ed. 6/14/86 LAST NM 29/94 32/94
Delete Buoy and legend "FAD" 17° 40.0′ S 149° 53.6′ W
17° 27.0′ S 149° 55.6′ W
(10/94 Papeete)

83383 2Ed. 6/14/86 LAST NM 32/94 36/94
Add R Bn (AERO) 17° 33.24′ S 149° 36.80′ W
(24(44)94 Brest)

83383 2Ed. 6/14/86 LAST NM 36/94 48/94
Change Beacon to G, cone topmark, Fl G 2M
17° 31.3′ S 149° 46.5′ W
(17/94 Papeete)

83383 2Ed. 6/14/86 LAST NM 48/94 5/95
Change Characteristic of beacon to QG 17° 31.3′ S 149° 46.5′ W
(See 48/94-83383)
(17/94 Papeete)

83383 2Ed. 6/14/86 LAST NM 5/95 24/95
Delete Buoy
"1" 17° 28.7′ S 149° 49.6′ W
"2" 17° 28.6′ S 149° 49.5′ W
(16(46)95 Brest)

83383 2Ed. 6/14/86 LAST NM 24/95 39/95
Delete Buoy 17° 40.0′ S 149° 42.0′ W

Add Buoy, orange spherical, Fl
with legend "FAD" 17° 28.2′ S 149° 58.0′ W
17° 41.1′ S 149° 49.5′ W
(10/95 Papeete)

83383 2Ed. 6/14/86 LAST NM 39/95 28/96
Change Range light,
front to Iso R 4s 9m 5M 17° 31.5′ S 149° 46.4′ W
rear to Iso R 4s 15m 5M 17° 31.5′ S 149° 46.6′ W
(Fr LL)

83383 2Ed. 6/14/86 LAST NM 28/96 36/96
Add Buoy, yellow spherical, Fl
with legend "FAD" 17° 28.4′ S 149° 58.0′ W
17° 37.5′ S 149° 59.9′ W
(7/96 Papeete)

83383 2Ed. 6/14/86 LAST NM 36/96 41/96
Change Light to 2 Iso R 4M 17° 31.55′ S 149° 33.05′ W
(18/96 Papeete)

83383 2Ed. 6/14/86 LAST NM 41/96 6/97
Add Beacon R, can topmark, Fl R 2 ½s 3M
17° 29.35′ S 149° 51.57′ W
(21/96 Papeete)

83383 2Ed. 6/14/86 LAST NM 6/97 11/97
Delete Buoy 17° 41.1′ S 149° 49.5′ W
17° 28.4′ S 149° 58.0′ W
17° 28.1′ S 149° 58.0′ W
(See 36/96-83383)

Add Buoy Y, spherical, Fl
with legend "FAD" 17° 25.4′ S 149° 34.7′ W
(3/97 Papeete)

83383 2Ed. 6/14/86 LAST NM 11/97 20/97
Delete Light 17° 31.3′ S 149° 46.7′ W
(BA LL)

83383 2Ed. 6/14/86 LAST NM 20/97 38/97
Delete Light and sector limits 17° 28.5′ S 149° 48.9′ W

Change Light to 2 Oc R 4M 17° 31.6′ S 149° 33.1′ W
(Supersedes 41/96-83383)

Add Range light,
front Oc R 4s 50m 4M 17° 29.47′ S 149° 48.97′ W
rear Oc R 4s 68m 4M 17° 29.56′ S 149° 48.92′ W

Range line extending in 328° 12′
direction from above rear light
dashed for 860 meters, thence
solid for 4440 meters

Legend "Lts in line 148° 12′ "
along above range line 17° 27.60′ S 149° 51.10′ W

Range light,
front Iso 4s 4M 17° 30.09′ S 149° 49.38′ W
rear Iso 4s 4M 17° 30.19′ S 149° 49.43′ W

Range line extending in 011° 12′
direction from above rear light
dashed for 350 meters, thence
solid for 1930 meters

Legend "191° 12′ "
along above range line 17° 29.85′ S 149° 49.40′ W
(15(31)97 Brest; Fr LL)

83383 2Ed. 6/14/86 LAST NM 38/97 39/97
Delete Beacon 17° 29.33′ S 149° 51.76′ W

Substitute Buoy R, pillar, can topmark,
Fl R 2 ½s for beacon 17° 29.35′ S 149° 51.57′ W
(See 6/97-83383)

Add Buoy G, pillar, cone topmark,
Fl G 2 ½s 17° 29.33′ S 149° 51.74′ W
(24(24)97 Brest)

83383 2Ed. 6/14/86 LAST NM 39/97 40/97
Delete Buoy 17° 37.5′ S 149° 59.9′ W

Relocate Buoy (17° 25.4′ S 149° 34.7′ W) to 17° 24.3′ S 149° 35.3′ W
(See 11/97-83383)

Add Buoy Y, spherical, Fl
with legend "FAD" 17° 40.1′ S 149° 42.4′ W
17° 40.3′ S 149° 53.0′ W
(18/97 Papeete)

83383 2Ed. 6/14/86 LAST NM 40/97 9/98
Delete Buoy and legend "FAD" 17° 24.3′ S 149° 35.3′ W
17° 40.1′ S 149° 42.4′ W
17° 40.3′ S 149° 53.0′ W
(See 40/97-83383)
(27/97 Papeete)

83383 2Ed. 6/14/86 LAST NM 9/98 26/98
Change Visibility (range) of light to 8M
17° 33′ 15″S 149° 37′ 52″W
(Fr LL)

83383 2Ed. 6/14/86 LAST NM 26/98 4/99
Delete Light from beacon 17° 31.3′ S 149° 46.5′ W

Add Range light,
front Fl R 4s 6m 5M 17° 30.55′ S 149° 51.15′ W
rear Fl R 4s 12m 5M 17° 30.64′ S 149° 51.11′ W

Range line extending in 336° 54′
direction from above rear light
dashed for 1,600 meters, thence
solid for 7,600 meters

Legend "Lts in line 156° 54′ "
along above range line 17° 26.90′ S 149° 52.75′ W
(45(40)88, 40(66)98 Brest; Fr LL)

83383 2Ed. 6/14/86 LAST NM 4/99 5/01
Substitute Beacon R, can topmark, Fl R 2.5s 6m 5M for light 17° 31′ 34″S 149° 45′ 50″W

Change Light to Iso R 4s 8m 7M 17° 31′ 28″S 149° 46′ 24″W
Light to Iso R 4s 14m 7M 17° 31′ 28″S 149° 46′ 34″W

Beacon to G, cone topmark, Fl G 2.5s 6m 5M 17° 31′ 24″S 149° 45′ 48″W
(BA LL)

83383 2Ed. 6/14/86 LAST NM 5/01 7/01
Add Light QG 5m 4M to beacon 17° 31′ 14″S 149° 46′ 28″W
(39(42)00 Brest; Fr LL)

83383 2Ed. 6/14/86 LAST NM 7/01 48/01
Add Wreck [K29] 17° 32′ 20″S 149° 36′ 51″W

"PROHIBITED AREA" [N2.2] bound by purple composite-line circle, radius 500 meters, centered on above wreck
(4(26)01 Brest)

83383 2Ed. 6/14/86 LAST NM 48/01 20/02
Change Light to 2 Iso R 4s 7M 17° 31′ 36″S 149° 33′ 06″W
(47(23)01 Brest)

83383 2Ed. 6/14/86 LAST NM 20/02 25/02
Add Light Fl(3) 15s 13m 18M 17° 36′ 16″S 149° 48′ 58″W
(7(33)02 Brest)

83383 2Ed. 6/14/86 LAST NM 25/02 27/02
Change Light to Fl(2) G 6s 14m 9M 17° 33′ 15″S 149° 37′ 52″W
Light to Oc(2) G 8s 22m 8M 17° 32′ 45″S 149° 34′ 46″W
Light to Oc(2) G 8s 34m 8M 17° 32′ 51″S 149° 34′ 42″W
(Fr LL)

83383 2Ed. 6/14/86 LAST NM 27/02 19/06
Substitute Depth 6.5 meters enclosed by depth contour (10-meter) for 13.4 meters 17° 34′ 27″S 149° 52′ 48″W
(48(5269)03 Taunton)

83383 2Ed. 6/14/86 LAST NM 19/06 7/07
Change Light to Fl(4) 20s 23m 18M 17° 28′ 30″S 149° 46′ 30″W
(37(118)06 Brest)

83383 2Ed. 6/14/86 LAST NM 7/07 25/09
Add Depth 211 meters 17° 31′ 39″S 149° 35′ 18″W
(NTM0006/2009)

★**83385** 20Ed. 11/10/12 NEW EDITION N12/13
(NGA)

★**83392** 5Ed. 10/6/79 NEW EDITION 48/79
(DMAHTC)

83392 5Ed. 10/6/79 LAST NM 48/79 9/80
Substitute Depths
10.8 meters for 20 meters 16° 51.3′ N 151° 29.4′ W
12 meters for 35 meters 16° 53.4′ N 151° 25.2′ W
(45(38)79 Brest)

83392 5Ed. 10/6/79 LAST NM 9/80 21/81
Add Light Dir Fl WRG 8, 6, 6M 16° 38.8′ S 151° 31.8′ W
(BA LL)

83392 5Ed. 10/6/79 LAST NM 21/81 39/83
Change Characteristic of lights to Fl G 2.5s 16° 45.5′ S 151° 29.4′ W
16° 45.5′ S 151° 29.2′ W
(16(40)83 Brest)

83392 5Ed. 10/6/79 LAST NM 39/83 6/84
Change Visibility (range) of light to 8-6M 16° 30.5′ S 151° 44.7′ W
(48(59)83 Brest)

83392 5Ed. 10/6/79 LAST NM 6/84 17/85
Add Buoy "ORERO 15", orange, Fl (PA) 16° 44.0′ S 151° 31.8′ W

Lights Fl 4M Ra Ref with legend "Raft" 16° 21.2′ S 151° 48.5′ W
16° 31.1′ S 151° 35.1′ W
16° 55.0′ S 151° 31.0′ W
(4, 13/85 Papeete)

83392 5Ed. 10/6/79 LAST NM 17/85 52/85
Delete Buoy "ORERO 15" 16° 44.0′ S 151° 31.8′ W
Lights 16° 21.2′ S 151° 48.5′ W
16° 31.1′ S 151° 35.1′ W
16° 55.0′ S 151° 31.0′ W

(See 17/85-83392)
(22/85 Papeete)

83392 5Ed. 10/6/79 LAST NM 52/85 11/86
Add Note
"BUOYAGE
IALA Buoyage System (Region A) combined with Special Maritime Buoyage System for French Polynesia is in effect in the area covered by this chart. See Chart 1 and Sailing Directions (Planning Guide)." 16° 21′ S 150° 55′ E
(7(7)85 Brest; 2, 3/86 Papeete)

83392 5Ed. 10/6/79 LAST NM 11/86 19/86
Add Note
"BUOYAGE
IALA Buoyage System (Region A) combined with Special Maritime Buoyage System for French Polynesia is in effect in the area covered by this chart. See Chart 1 and Sailing Directions (Planning Guide)." 16° 21′ S 150° 55′ W
(See 11/86-83392)
(7(7)85 Brest; 2, 3/86 Papeete)

83392 5Ed. 10/6/79 LAST NM 19/86 31/90
Substitute Depths
10.8 meters for 20 meters 16° 51.3′ S 151° 29.4′ W
12 meters for 35 meters 16° 53.4′ S 151° 25.2′ W
(45(38)79 Brest)

83392 5Ed. 10/6/79 LAST NM 31/90 32/90
Add R Bn (AERO) 16° 42.0′ S 151° 02.0′ W
(10(45)90 Brest)

83392 5Ed. 10/6/79 LAST NM 32/90 34/90
Add Caution note in upper left margin of chart
"CAUTION
Fish Aggregating Devices (FADS) are established along the coastal waters of Iles De La Societe."
(29/90 Papeete)

83392 5Ed. 10/6/79 LAST NM 34/90 38/91
Add Buoys, orange, Fl (Priv maintd) with legend "FAD" 16° 29.5′ S 151° 35.4′ W
16° 40.4′ S 151° 04.0′ W
16° 53.8′ S 151° 16.0′ W
16° 55.2′ S 151° 33.4′ W
16° 26.4′ S 152° 20.7′ W
(12/91 Papeete)

83392 5Ed. 10/6/79 LAST NM 38/91 13/93
Delete Solid line and legend "(102°)" in vicinity 16° 43.4′ S 151° 04.0′ W
(44(55)92 Brest)

83392 5Ed. 10/6/79 LAST NM 13/93 27/93
Add Light Fl 4s 12M 16° 32.87′ S 151° 47.20′ W
(12(50)93 Brest)

83392 5Ed. 10/6/79 LAST NM 27/93 48/93
Delete Light and sector limits 16° 30.4′ S 151° 44.7′ W

Add Light 2 Iso R 4s 16° 30.2′ S 151° 45.0′ W

Range line extending in 293° 30′ direction from above light solid for 7 miles

(continued on next page)

83392 (Continued) 48/93
Legend "Lights in line 113° 30′ "
along above range line 16° 28.0′ S 151° 50.0′ W
(33(40)93 Brest)

83392 5Ed. 10/6/79 LAST NM 48/93 9/94
Relocate Buoy (16° 55.2′ S 151° 33.4′ W) to 16° 54.8′ S 151° 33.5′ W

Add Buoy, orange, Fl (Priv maintd)
with legend "FAD" 16° 43.6′ S 151° 34.4′ W
16° 33.7′ S 151° 22.1′ W
16° 28.1′ S 151° 50.4′ W
16° 28.1′ S 152° 11.6′ W
(24/93 Papeete)

83392 5Ed. 10/6/79 LAST NM 9/94 18/94
Relocate Buoy close N to 16° 39.3′ S 151° 04.0′ W
(34/93 Papeete)

83392 5Ed. 10/6/79 LAST NM 18/94 19/94
Change Light to 2 Iso G 4s 5M 16° 38.8′ S 151° 31.8′ W
(6(48)94 Brest)

83392 5Ed. 10/6/79 LAST NM 19/94 32/94
Delete Buoy and legend "FAD" 16° 30′ S 151° 35′ W
16° 54′ S 151° 16′ W
16° 55′ S 151° 33′ W
16° 26′ S 152° 21′ W
(10/94 Papeete)

83392 5Ed. 10/6/79 LAST NM 32/94 39/95
Delete Buoy 16° 33.7′ S 151° 22.1′ W
16° 28.1′ S 151° 50.4′ W
16° 39.3′ S 151° 04.0′ W

Add Buoy, spherical, Fl
with legend "FAD" 16° 45.6′ S 151° 05.2′ W
16° 54.8′ S 151° 33.2′ W
16° 54.2′ S 151° 16.1′ W
16° 33.4′ S 151° 21.9′ W
16° 28.2′ S 151° 50.2′ W
(10/95 Papeete)

83392 5Ed. 10/6/79 LAST NM 39/95 50/95
Delete Buoy 16° 43.6′ S 151° 34.4′ W
16° 33.4′ S 151° 21.9′ W
(See 39/95-83392)

Relocate Buoy (16° 45.6′ S 151° 05.2′ W) to 16° 45.6′ S 151° 05.8′ W
(16/95 Papeete)

83392 5Ed. 10/6/79 LAST NM 50/95 31/96
Change Legend to "Lts 262° 30′ " 16° 22.2′ S 150° 55.9′ W

Add Light 2 Iso G 4s 5M 16° 44.89′ S 150° 58.81′ W
(19(59)93 Brest; Fr LL)

83392 5Ed. 10/6/79 LAST NM 31/96 36/96
Delete Buoy 16° 28.1′ S 152° 11.6′ W
16° 54.8′ S 151° 33.2′ W
(See 39/95-83392)

Add Buoy, yellow spherical, Fl
with legend "FAD" 16° 43.4′ S 151° 35.0′ W
16° 30.4′ S 151° 34.5′ W
16° 30.2′ S 152° 18.3′ W
(7/96 Papeete)

83392 5Ed. 10/6/79 LAST NM 36/96 47/96
Delete Buoy 16° 45.6′ S 151° 05.8′ W
(See 50/95-83392)
(12/96 Papeete)

83392 5Ed. 10/6/79 LAST NM 47/96 40/97
Delete Buoy 16° 30.4′ S 151° 34.5′ W
16° 28.1′ S 151° 50.4′ W
(18/97 Papeete)

83392 5Ed. 10/6/79 LAST NM 40/97 2/99
Change Characteristic of light to 2 Iso R 4s 16° 38.8′ S 151° 31.8′ W

(Plan A)
Delete Stranded wreck (PA) 16° 29.4′ S 154° 42.7′ W
(38(41, 42)98 Brest)

83392 5Ed. 10/6/79 LAST NM 2/99 31/02
Change Light to AERO UQ(5) 12s 10m 30M
16° 43′ 21″ S 151° 27′ 48″ W
(BA LL)

83392 5Ed. 10/6/79 LAST NM 31/02 38/05
Add Depth 7.9 meters 16° 37.2′ S 151° 25.6′ W
(42(44)00 Brest)

83392 5Ed. 10/6/79 LAST NM 38/05 21/06
Add Depth 2.7 meters 16° 55.0′ S 151° 26.1′ W
Depth 18.8 meters 16° 54.8′ S 151° 25.5′ W
(12(1333)06 Taunton)

★**83393** 2Ed. 8/16/86 NEW EDITION N51/86
Change Legend to "TV Tr (lighted)" 16° 44.01′ S 151° 27.05′ W
Light to AERO UQ (5) 12s 10m 30M
16° 43.35′ S 151° 27.89′ W
(DMAHTC)

83393 2Ed. 8/16/86 LAST NM N51/86 N52/86
Change Buoyage note to
"BUOYAGE
IALA Buoyage System (Region A)
combined with Special Maritime
Buoyage System for French Polynesia
is in effect in the area covered by
this chart. See Chart 1 and Sailing
Directions (Planning Guide)." 16° 45′ 30″ S 151° 25′ 48″ W
(DMAHTC)

83393 2Ed. 8/16/86 LAST NM N52/86 N20/87
Delete Beacons 16° 44.57′ S 151° 25.20′ W
16° 44.58′ S 151° 25.27′ W
16° 44.54′ S 151° 25.34′ W

Add Buoys
R, can, Fl(2) R 6s 16° 44.66′ S 151° 24.98′ W
G, conical, Fl(2) G 6s 16° 44.57′ S 151° 25.04′ W

Beacons, each G, cone topmark,
L Fl G 10s 4m 2M 16° 44.57′ S 151° 25.20′ W
Fl(3) G 12s 4m 2M 16° 44.53′ S 151° 25.33′ W

Beacon R, can topmark,
L Fl R 10s 4m 2M 16° 44.67′ S 151° 25.31′ W

Beacons
R, can topmark 16° 45.41′ S 151° 29.92′ W
G, cone topmark 16° 45.66′ S 151° 29.86′ W
BYB, double cone topmark
bases together 16° 45.33′ S 151° 29.62′ W
(10(785)87 Taunton)

83393 2Ed. 8/16/86 LAST NM N20/87 N19/88
Change Beacons to
BY, Q 16° 42.01′ S 151° 28.08′ W
BYB, Q(3) 10s 16° 42.14′ S 151° 27.79′ W
BYB, double cone topmark bases
together 16° 42.21′ S 151° 27.76′ W
YB, double cone topmark points
downward 16° 42.81′ S 151° 27.90′ W
(Fr CH 6280)

83393 2Ed. 8/16/86 LAST NM N19/88 N25/88
Delete Beacon "2" 16° 44.68′ S 151° 25.27′ W
(10(785)87 Taunton)

83393 2Ed. 8/16/86 LAST NM N25/88 N30/88
Delete Bn 16° 45′ 47″ S 151° 25′ 11″ W

Change Color of beacons to G 16° 41′ 48″ S 151° 26′ 30″ W
16° 42′ 28″ S 151° 26′ 26″ W
16° 42′ 47″ S 151° 26′ 22″ W
16° 43′ 01″ S 151° 26′ 15″ W
16° 45′ 05″ S 151° 25′ 29″ W
16° 46′ 04″ S 151° 24′ 48″ W

Color of beacons to R 16° 43′ 02″ S 151° 26′ 19″ W
16° 44′ 43″ S 151° 25′ 49″ W
16° 44′ 56″ S 151° 25′ 44″ W
16° 45′ 08″ S 151° 25′ 42″ W
16° 45′ 15″ S 151° 25′ 34″ W
16° 45′ 30″ S 151° 25′ 24″ W
16° 46′ 01″ S 151° 29′ 36″ W
16° 44′ 42″ S 151° 25′ 54″ W
(18(78)88 Brest)

83393 2Ed. 8/16/86 LAST NM N30/88 N12/89
Add Chartlet, depicting changes in hydrography, topography, and aids to navigation, from back of Section I 16° 43.5′ S 151° 26.5′ W
(DMAHTC)

83393 2Ed. 8/16/86 LAST NM N12/89 N51/89
Add Position circle "SPIRE" 16° 43.47′ S 151° 26.95′ W
(35(63)89 Brest)

83393 2Ed. 8/16/86 LAST NM N51/89 N7/90
Delete Dashed and solid line in vicinity 16° 42.03′ S 151° 27.64′ W

Change Legend to "003.5° -183.5° " 16° 42.59′ S 151° 27.68′ W

Add Dashed line between 16° 41.75′ S 151° 27.61′ W
16° 42.02′ S 151° 27.63′ W

Solid line between 16° 42.03′ S 151° 27.63′ W
16° 42.80′ S 151° 27.68′ W
(38(43)89 Brest)

83393 2Ed. 8/16/86 LAST NM N7/90 N34/90
Add Caution note in upper left margin of chart
"CAUTION
Fish Aggregating Devices (FADS) are established along the coastal waters of Iles De La Societe."
(29/90 Papeete)

83393 2Ed. 8/16/86 LAST NM N34/90 N46/91
Delete Beacons
"1" 16° 44.71′ S 151° 29.34′ W
"21" 16° 42.14′ S 151° 27.79′ W

Change Beacons to
G, cone topmark, Fl G 4s 4m 5M
16° 44.57′ S 151° 25.19′ W
G, cone topmark, QG 4m 2M 16° 44.53′ S 151° 25.34′ W
G, cone topmark, L Fl G 6s 3M
16° 43.61′ S 151° 26.11′ W
G, cone topmark 16° 43.34′ S 151° 26.24′ W
R, can topmark, Fl R 2.5s 3M 16° 43.34′ S 151° 26.53′ W
R, can topmark, QR 2M 16° 43.20′ S 151° 26.83′ W
BY, double cone topmark points upward, Q 16° 42.92′ S 151° 27.80′ W

Beacons
"5" to G, cone topmark, Fl G 2.5s 3M 16° 44.05′ S 151° 25.85′ W
"5" to R, can topmark, Fl R 4s 5M 16° 43.72′ S 151° 28.83′ W
"16" to G, cone topmark, Fl G 2.5s 4M 16° 42.70′ S 151° 27.47′ W
"14" to G, cone topmark, Fl G 4s 5M 16° 42.44′ S 151° 27.58′ W

Characteristic of beacons to
Iso R 4s 16° 43.54′ S 151° 26.58′ W
Iso R 4s 16° 43.64′ S 151° 26.47′ W

Color of beacons, each to G
"3" 16° 44.25′ S 151° 25.70′ W
"19" 16° 42.47′ S 151° 29.27′ W

Color of beacons to
white, and delete topmark 16° 43.40′ S 151° 26.07′ W
white, and delete topmark 16° 42.33′ S 151° 28.30′ W
white, and delete topmark 16° 42.01′ S 151° 28.28′ W
black and white 16° 43.04′ S 151° 26.31′ W
(See N12/89-83393)

Add Beacons
R, can topmark, Fl R 2.5s 3M 16° 44.28′ S 151° 25.26′ W
R, can topmark 16° 42.21′ S 151° 28.74′ W
G, cone topmark 16° 43.29′ S 151° 29.10′ W
G, cone topmark 16° 41.80′ S 151° 29.51′ W
black and white 16° 43.18′ S 151° 26.36′ W
black and white 16° 43.12′ S 151° 26.34′ W
black and white 16° 42.93′ S 151° 26.35′ W
black and white 16° 41.92′ S 151° 26.60′ W
BYB, double cone topmark bases together, Q(3) 10s 16° 42.14′ S 151° 27.75′ W

Beacon
"1" R, can topmark, Fl R 2.5s 4M
16° 44.71′ S 151° 29.31′ W
(21/91 Papeete)

83393 2Ed. 8/16/86 LAST NM N46/91 N13/92
Delete Bn 16° 41.80′ S 151° 26.50′ W
16° 42.57′ S 151° 27.36′ W

Add Legend "PASSAGE TERVAHEVE"
16° 42.45′ S 151° 27.67′ W
(2(36)92 Brest)

83393 2Ed. 8/16/86 LAST NM N13/92 N13/93
Delete Buoy 16° 44.66′ S 151° 24.98′ W

Change Buoy to G, pillar, cone topmark, Iso G 4s 16° 44.57′ S 151° 25.04′ W

Add Buoy R, pillar, can topmark, Iso R 4s 16° 44.67′ S 151° 25.02′ W
(44(54)92 Brest)

83393 2Ed. 8/16/86 LAST NM N13/93 N37/93
Delete Buoy "3" 16° 44.14′ S 151° 29.16′ W

Bn 16° 45.10′ S 151° 25.42′ W
16° 45.11′ S 151° 25.46′ W
16° 43.01′ S 151° 26.25′ W
16° 42.97′ S 151° 25.71′ W
16° 42.28′ S 151° 26.36′ W
16° 42.47′ S 151° 26.44′ W

Relocate Beacon
"1" close W to 16° 44.71′ S 151° 29.33′ W
(undesignated) close SW 16° 41.85′ S 151° 29.56′ W
(undesignated) close SW 16° 43.33′ S 151° 29.12′ W

Substitute Beacon
YBY, double cone topmark points together for buoy 16° 45.10′ S 151° 25.48′ W

Change Characteristic of beacon to Fl R 2.5s
16° 44.67′ S 151° 25.31′ W

Add Beacon, red, can topmark 16° 45.79′ S 151° 25.19′ W
(Fr CH 6280)

83393 2Ed. 8/16/86 LAST NM N37/93 N16/96
Substitute Beacons, each R, can topmark, for buoy
Fl R 2 ½s 3m 3M 16° 43.34′ S 151° 26.53′ W
QR 3m 2M 16° 43.20′ S 151° 26.83′ W
(See N12/89-83393)
(Fr LL)

83393 2Ed. 8/16/86 LAST NM N16/96 N2/99
Change Shape of buoy to
can 16° 44.67′ S 151° 25.02′ W
conical 16° 44.57′ S 151° 25.04′ W
(13/98 Papeete)

83393 2Ed. 8/16/86 LAST NM N2/99 N31/02
Change Light on beacon to VQ(3) 5s 4m 4M
16° 42.10′ S 151° 27.75′ W
(BA LL)

83393 2Ed. 8/16/86 LAST NM N31/02 N29/06
Change Beacon "1" to R, can topmark, Iso R 4s 4m 5M
16° 44.71′ S 151° 29.33′ W
(12(1331)06 Taunton)

83393 2Ed. 8/16/86 LAST NM N29/06 N31/06
Delete Range line and legend "147° -327° " between
16° 43.71′ S 151° 26.20′ W
16° 44.64′ S 151° 25.58′ W

Range line and legend "134.5° -314.5° " between 16° 43.90′ S 151° 26.20′ W
16° 44.64′ S 151° 25.41′ W

Add Note
"RESTRICTED AREA NO 1
This area is prohibited to all vessels whose vertical clearance is more than 3 meters. The practice of aerial nautical sports (fly surf, kite surf, towed parascending) is prohibited."
16° 45.27′ S 151° 28.28′ W

(continued on next page)

83393 (Continued) 31/06

Note
"RESTRICTED AREA NO 2
Vessels with a vertical clearance of more than 8 meters cannot stop in this area. Access for vessels with a vertical clearance greater than 20 meters is allowed with prior agreement of the Airport Control Tower (telephone 600490) or if unavailable, contact the Coastal Radio-Communications Station on VHF channels 16 or 26. The practice of aerial nautical sports (fly surf, kite surf, towed parascending) is prohibited." 16° 45.49′ S 151° 28.28′ W

Chartlet A, depicting changes in hydrography, topography and aids to navigation, from Subsection I-2 16° 43.50′ S 151° 29.00′ W
Chartlet B, depicting changes in hydrography, topography and aids to navigation, from Subsection I-2 16° 43.50′ S 151° 28.00′ W
Chartlet C, depicting changes in hydrography, from Subsection I-2 16° 43.50′ S 151° 27.00′ W
(See N12/89-83393)
(33(3808)05 Taunton)

83393 2Ed. 8/16/86 LAST NM N31/06 N48/10
Change Light to Oc R 4s 19m 7M 16° 44.64′ S 151° 26.04′ W
Light to Oc R 4s 31m 7M 16° 44.64′ S 151° 26.19′ W
Legend to "088.9° -268.9°" 16° 44.62′ S 151° 24.59′ W
(UKHO LL)

★**83397** 6Ed. 3/28/92 NEW EDITION 48/92
(DMAHTC)

83397 6Ed. 3/28/92 LAST NM 48/92 48/93
Delete Light and sector limits 16° 30′ 23.8″ S 151° 44′ 27.0″ W

(Plan)
Delete Sector limits (4) in vicinity 16° 29′ 42″ S 151° 46′ 22″ W
(33(40)93 Brest)

83397 6Ed. 3/28/92 LAST NM 48/93 52/93
Add Submarine cable between 16° 30′ 23.6″ S 151° 45′ 35.0″ W
16° 29′ 59.8″ S 151° 45′ 09.6″ W

"Anchorage Prohibited" area bound by purple composite line joining
16° 29′ 59.0″ S 151° 45′ 09.5″ W
16° 30′ 06.9″ S 151° 45′ 17.4″ W
16° 30′ 32.0″ S 151° 45′ 28.2″ W
16° 30′ 15.3″ S 151° 45′ 39.9″ W
(26/93 Papeete)

83397 6Ed. 3/28/92 LAST NM 52/93 39/94
(And Plan)
Delete Buoy "2" 16° 29′ 33″ S 151° 46′ 24″ W

Change Buoy to "1" G, pillar, cone topmark, Fl G 2½s 16° 29′ 40″ S 151° 46′ 25″ W

Add Buoy "2" R, pillar, can topmark, Fl R 2½s 16° 29′ 33.5″ S 151° 46′ 23.0″ W
(13/94 Papeete; Fr LL)

83397 6Ed. 3/28/92 LAST NM 39/94 26/96
Delete Light 16° 27′ 00″ S 151° 44′ 53″ W
Beacon 16° 27′ 51″ S 151° 44′ 58″ W

Buoy
"3" 16° 30′ 03″ S 151° 45′ 50″ W
"5" 16° 30′ 19″ S 151° 45′ 26″ W
(undesignated) 16° 28′ 25″ S 151° 45′ 30″ W

"Swept to 2m" area in vicinity 16° 27′ 57″ S 151° 43′ 27″ W

Submarine cable between 16° 30′ 23″ S 151° 45′ 35″ W
16° 30′ 00″ S 151° 45′ 10″ W

"Anchorage Prohibited" area in vicinity 16° 30′ 12″ S 151° 45′ 18″ W

Relocate Light close NW to and delete legend "PA" 16° 32′ 50.3″ S 151° 47′ 03.3″ W

Change Beacon to"Vaitape" R, Fl R 2½s 4m 3M 16° 30′ 27″ S 151° 44′ 54″ W

Add Submarine cable between 16° 30′ 25.6″ S 151° 45′ 37.0″ W
16° 30′ 00.8″ S 151° 45′ 04.5″ W

Purple composite line joining 16° 30′ 25.0″ S 151° 45′ 45.5″ W
16° 30′ 18.7″ S 151° 45′ 45.5″ W
16° 29′ 56.6″ S 151° 45′ 16.2″ W

between 16° 30′ 34.0″ S 151° 45′ 32.8″ W
16° 30′ 03.0″ S 151° 44′ 51.7″ W

Anchoring prohibited symbol
16° 30′ 22.0″ S 151° 45′ 28.0″ W

Beacons, each G, cone topmark
"3" 16° 30′ 03.5″ S 151° 45′ 51.0″ W
"5" Fl G 2½s 16° 30′ 20.8″ S 151° 45′ 25.1″ W
(undesignated) QG 16° 28′ 16.0″ S 151° 45′ 40.0″ W
(undesignated) Fl G 2½s 16° 27′ 50.0″ S 151° 45′ 03.3″ W
(undesignated) 16° 27′ 43.8″ S 151° 44′ 19.0″ W

Beacon R, can topmark, Fl R 2½s
16° 27′ 48.0″ S 151° 44′ 22.0″ W
Buoy R, can, can topmark, QR
16° 28′ 29.3″ S 151° 45′ 36.5″ W

Range light,
front Iso R 4s 8m 4M 16° 30′ 13.2″ S 151° 44′ 52.0″ W
rear Iso R 4s 16m 4M,
200 meters 113° 24′ from front

Range line extending in 293° 24′ direction from above rear light dashed for 400 meters, thence solid for 5,000 meters

Legend "Lts in line 113° 24′ " along above range line 16° 29′ 12.0″ S 151° 47′ 16.0″ W

(And Plan)
Change Beacon to "4" R, can topmark, QR
16° 29′ 39″ S 151° 46′ 10″ W
(Fr CH 6002; Fr LL)

83397 6Ed. 3/28/92 LAST NM 26/96 34/96
Add Beacon BYB, double cone topmark bases together 16° 31′ 57.2″ S 151° 44′ 42.4″ W
(Fr CH 6002)

83397 6Ed. 3/28/92 LAST NM 34/96 40/96
Delete Light from beacon 16° 27′ 48″ S 151° 44′ 22″ W
(See 26/96-83397)
(25(40)96 Brest)

83397 6Ed. 3/28/92 LAST NM 40/96 49/98
Add Beacon
BYB, double cone topmark
bases together, Q(3) 10s 5m 4M
16° 28′ 32.9″ S 151° 42′ 46.5″ W

Beacons, each R, can topmark
Fl R 4s 8m 5M 16° 29′ 47.6″ S 151° 42′ 13.3″ W
QR 5m 3M 16° 28′ 22.3″ S 151° 42′ 41.5″ W
QR 5m 2M 16° 28′ 42.8″ S 151° 42′ 39.9″ W
Fl R 2½s 5m 4M 16° 31′ 07.9″ S 151° 42′ 45.7″ W

Beacons, each G, cone topmark
QG 5m 4M 16° 28′ 35.3″ S 151° 42′ 38.8″ W
Fl G 4s 5m 3M 16° 28′ 56.3″ S 151° 42′ 37.9″ W
Fl G 2½s 5m 5M 16° 29′ 26.6″ S 151° 42′ 24.9″ W
(11/98 Papeete)

83397 6Ed. 3/28/92 LAST NM 49/98 7/99
Add Submarine cable (power)
joining 16° 30′ 00.2″ S 151° 41′ 53.5″ W
16° 29′ 57.8″ S 151° 42′ 17.5″ W
16° 29′ 40.4″ S 151° 42′ 50.5″ W
16° 29′ 43.4″ S 151° 43′ 00.7″ W

joining 16° 28′ 32.2″ S 151° 45′ 57.0″ W
16° 29′ 03.2″ S 151° 45′ 05.3″ W
16° 29′ 10.4″ S 151° 45′ 00.7″ W
16° 29′ 16.2″ S 151° 45′ 08.5″ W
(45(52)98 Brest)

83397 6Ed. 3/28/92 LAST NM 7/99 9/00
Add Purple composite line joining
16° 29′ 39.6″S 151° 43′ 06.6″W
16° 29′ 57.6″S 151° 42′ 57.0″W
16° 29′ 56.4″S 151° 42′ 51.0″W
16° 30′ 12.6″S 151° 42′ 24.4″W

Purple composite line joining
16° 30′ 14.2″S 151° 41′ 48.6″W
16° 29′ 55.2″S 151° 41′ 50.4″W
16° 29′ 52.8″S 151° 42′ 14.4″W
16° 29′ 34.8″S 151° 42′ 48.6″W

Legend "Anchoring Prohibited"
16° 29′ 54.0″S 151° 42′ 21.0″W
(27(38)99 Brest)

83397 6Ed. 3/28/92 LAST NM 9/00 8/02
Delete Beacon 16° 29′ 47.6″S 151° 42′ 13.3″W

Change Beacon to G, cone topmark, Fl G 2½s 4m 4M
16° 29′ 24.0″S 151° 42′ 24.0″W
Beacon to R, can topmark, QR 3m 3M
16° 28′ 42.8″S 151° 42′ 39.9″W
Beacon to G, cone topmark, QG 3m 2M
16° 28′ 35.3″S 151° 42′ 38.8″W

Height of beacon to 3m 16° 28′ 56.3″S 151° 42′ 37.9″W
Height of beacon to 3m 16° 28′ 22.3″S 151° 42′ 41.5″W
Height of beacon to 3m 16° 28′ 56.3″S 151° 42′ 37.9″W

Add Beacon R, can topmark, Fl R 4s 4m 5M
16° 27′ 56.2″S 151° 43′ 35.9″W

Beacon YBY, double cone topmark
points together, Q(9) 15s 3m 4M
16° 29′ 52.0″S 151° 42′ 13.3″W
(BA LL; Fr LL; Fr CH 6002)

83397 6Ed. 3/28/92 LAST NM 8/02 18/02
Delete Purple composite line between
16° 28′ 27.5″S 151° 45′ 55.0″W
16° 28′ 30.0″S 151° 45′ 48.0″W

Add Purple composite line joining
16° 28′ 30.0″S 151° 45′ 48.0″W
16° 29′ 00.0″S 151° 45′ 00.0″W
16° 29′ 16.8″S 151° 44′ 46.2″W
16° 29′ 26.4″S 151° 44′ 56.4″W

Purple composite line between
16° 28′ 44.4″S 151° 46′ 04.8″W
16° 29′ 16.2″S 151° 45′ 10.8″W

Legend "Anchoring Prohibited"
16° 28′ 54.0″S 151° 45′ 30.0″W
(26(48)99 Brest)

83397 6Ed. 3/28/92 LAST NM 18/02 1/03
Substitute Depth 9.2 meters for 10 meters
16° 29′ 36.6″S 151° 46′ 27.0″W

Add Depth 7.1 meters 16° 29′ 29.9″S 151° 46′ 33.8″W

(Plan)
Delete Depth 10 meters, blue tint and enclosing
depth contour centered 16° 29′ 36.1″S 151° 46′ 25.2″W

Add Depth 9.2 meters, blue tint and enclosing
depth contour (10-meter) centered
16° 29′ 36.6″S 151° 46′ 27.0″W
Depth 8.2 meters, blue tint and enclosing
depth contour (10-meter) centered
16° 29′ 30.5″S 151° 46′ 35.1″W
Depth 8 meters, blue tint and enclosing
depth contour (10-meter) centered
16° 29′ 29.9″S 151° 46′ 35.8″W
Depth 7.1 meters, blue tint and enclosing
depth contour (10-meter) centered
16° 29′ 29.9″S 151° 46′ 33.8″W
(14(41)01 Brest)

83397 6Ed. 3/28/92 LAST NM 1/03 44/05
Delete Purple composite line between
16° 28′ 57.1″S 151° 45′ 43.0″W
16° 29′ 06.1″S 151° 45′ 27.9″W

Purple composite line between
16° 28′ 42.5″S 151° 45′ 27.0″W
16° 28′ 54.0″S 151° 45′ 08.8″W

Substitute Submarine pipeline (water) [L41.1] for
submarine cable (power) joining
16° 28′ 32.2″S 151° 45′ 57.0″W
16° 29′ 03.2″S 151° 45′ 05.3″W
16° 29′ 10.4″S 151° 45′ 00.7″W
16° 29′ 16.2″S 151° 45′ 08.5″W

Add Purple composite line joining
16° 28′ 57.1″S 151° 45′ 43.0″W
16° 29′ 00.0″S 151° 45′ 47.5″W
16° 29′ 14.8″S 151° 45′ 34.0″W
16° 29′ 06.1″S 151° 45′ 27.9″W

Purple composite line between
16° 28′ 42.5″S 151° 45′ 27.0″W
16° 28′ 37.0″S 151° 45′ 24.0″W

Purple composite line joining
16° 28′ 54.0″S 151° 45′ 08.8″W
16° 28′ 50.0″S 151° 45′ 03.9″W
16° 28′ 47.4″S 151° 45′ 05.1″W

Submarine pipeline (outfall) [L41.1] joining
16° 28′ 42.0″S 151° 45′ 12.0″W
16° 28′ 55.1″S 151° 45′ 24.2″W
16° 29′ 05.0″S 151° 45′ 41.0″W
(8(917)05 Taunton)

★83425 6Ed. 9/10/77 NEW EDITION 44/77
(DMAHC)

83425 6Ed. 9/10/77 LAST NM 44/77 15/83
(Plan H)
Delete Buoys (mooring) (4), submarine pipeline
and anchorage prohibited area in
vicinity 21° 11′ 27″S 159° 46′ 52″W
(7(55)83 Auckland)

83425 6Ed. 9/10/77 LAST NM 15/83 27/83
(Plan G)
Add Light Fl(3) 20s 100ft 10M 20° 00′ 35″S 158° 08′ 49″W
(17(107)83 Auckland)

83425 6Ed. 9/10/77 LAST NM 27/83 41/85
(Plan E)
Add Light (AERO) Fl 4s (occas) 21° 11′ 38″S 159° 48′ 37″W
(34(195)85 Auckland)

83425 6Ed. 9/10/77 LAST NM 41/85 33/87
(Plan E)
Add R Bn (AERO) 21° 12′ 03″S 159° 48′ 58″W
(BA CH 1264)

83425 6Ed. 9/10/77 LAST NM 33/87 49/87
(Plans A & D)
Add Range lights,
front FR (occas) 18° 52′ 34.3″S 159° 46′ 28.2″W
rear FR (occas) 18° 52′ 42.0″S 159° 46′ 22.8″W

Range line extending in 325° 49′
direction from above rear light
dashed for 1620 meters, thence
solid for 1750 meters

Legend "Lights in line 145° 49′ "
along above range line 18° 51′ 35.0″S 159° 47′ 09.0″W

(Plan H)
Delete Stranded wreck 21° 11′ 47″S 159° 46′ 00″W

Add Stranded wreck 21° 11′ 50.0″S 159° 46′ 01.9″W
(42(304, 305)87 Auckland)

83425 6Ed. 9/10/77 LAST NM 49/87 11/88
(Plan E)
Add Position circles "Raft" 21° 11′ 36″S 159° 50′ 50″W
21° 16′ 15″S 159° 50′ 38″W
(48(341)87 Auckland)

83425 6Ed. 9/10/77 LAST NM 11/88 21/88
(Plan A)
Add Depths
290 fathoms 18° 49′ 37″ S 159° 44′ 53″ W
83 fathoms 18° 53′ 31″ S 159° 42′ 42″ W
221 fathoms 18° 59′ 01″ S 159° 41′ 51″ W
288 fathoms 18° 56′ 19″ S 159° 49′ 31″ W

(Plans A & D)
Add Depth 225 fathoms 18° 52′ 10″ S 159° 47′ 45″ W

(Plan F)
Add Depths
189 fathoms 19° 22′ 21″ S 158° 54′ 39″ W
266 fathoms 19° 21′ 17″ S 158° 58′ 51″ W

(Plan J)
Add Depths
255 fathoms 20° 06′ 59″ S 157° 22′ 04″ W
272 fathoms 20° 09′ 34″ S 157° 21′ 07″ W
82 fathoms 20° 10′ 52″ S 157° 22′ 17″ W
(5(51), 6(54, 55)88 Auckland)

83425 6Ed. 9/10/77 LAST NM 21/88 27/90
(Plan A)
Change Light to Fl(2) 9s 423ft 7M 18° 51.1′ S 159° 45.3′ W

(Plan B)
Add Light Fl 10s 25ft 7M 21° 53′ 51″ S 157° 57′ 36″ W

(Plan H)
Delete Lights 21° 11′ 47″ S 159° 46′ 48″ W
21° 11′ 48″ S 159° 45′ 54″ W

Bearing line between 21° 12′ 12″ S 159° 45′ 45″ W
21° 11′ 30″ S 159° 46′ 02″ W

Bns 21° 11′ 42″ S 159° 46′ 42″ W
21° 11′ 40″ S 159° 46′ 42″ W

Change Legend to "Lights in line 192° 30′ "
21° 11′ 26″ S 159° 46′ 40″ W

Add Range light, front FR 25ft 6M
21° 11′ 49.5″ S 159° 45′ 53.0″ W

Bearing line extending in 341° 34′
direction from rear light 21° 12′ 12.2″ S 159° 45′ 44.9″ W
dashed for 1400 meters

Legend "Lights in line 161° 34′ " along
above bearing line 21° 11′ 35.0″ S 159° 45′ 57.5″ W
(7(65)90 Auckland; BA CH 1264; BA LL)

83425 6Ed. 9/10/77 LAST NM 27/90 19/95
(Plan E)
Delete Dangerous wreck 21° 11′ 40″ S 159° 46′ 15″ W

Add Position circle "Raft" 21° 17′ 30″ S 159° 43′ 26″ W
21° 13′ 35″ S 159° 42′ 38″ W
21° 11′ 42″ S 159° 49′ 53″ W
21° 11′ 37″ S 159° 50′ 35″ W

(Plan H)
Delete Dangerous wrecks (2) and legend
"Main engines" in vicinity 21° 11′ 40″ S 159° 46′ 14″ W

Dangerous wreck (PA) 21° 11′ 44″ S 159° 45′ 58″ W
Stranded wreck 21° 11′ 50″ S 159° 46′ 02″ W

Add Stranded wreck 21° 11′ 42.3″ S 159° 46′ 14.5″ W
21° 11′ 52.1″ S 159° 46′ 01.1″ W
(14(126)95 Auckland; NZ CH 9558)

83425 6Ed. 9/10/77 LAST NM 19/95 41/95
(Plan H)
Change Legend "Lights...192° 30′ " to
"Lights in line 193° 01′ " 21° 11′ 26″ S 159° 46′ 40″ W
(34/95 Auckland)

83425 6Ed. 9/10/77 LAST NM 41/95 2/96
(Plan E)
Add Position circle "Raft" 21° 10′ 53″ S 159° 43′ 07″ W
(47(357)95 Auckland)

83425 6Ed. 9/10/77 LAST NM 2/96 52/97
(Plan A)
Add Position circle "FAD" (PA) 18° 50.1′ S 159° 47.2′ W
18° 52.1′ S 159° 48.4′ W
18° 52.7′ S 159° 42.0′ W

Note
"Fish Aggregating Devices (FAD)
Mariners should exercise caution when
navigating in Aitutaki Group waters as
FADs have been moored in outlying deep
water locations. Concentrations of
fishing vessels may be found in their
vicinity." 19° 00.0′ S 159° 46.0′ W
(46(386)97 Auckland)

83425 6Ed. 9/10/77 LAST NM 52/97 3/02
(Plan G)
Add Double solid line (airstrip) [D17] between
19° 59′ 49″ S 158° 07′ 45″ W
20° 00′ 06″ S 158° 07′ 04″ W
(12(85)01 Wellington)

83425 6Ed. 9/10/77 LAST NM 3/02 20/02
(Plan B)
Delete Light 21° 53′ 51″ S 157° 57′ 36″ W
Light 21° 54′ 30″ S 157° 58′ 00″ W

(Plan E)
Delete Light 21° 12′ 10″ S 159° 46′ 34″ W

(Plan G)
Delete Light 20° 00′ 35″ S 158° 08′ 49″ W

(Plan H)
Delete Light 21° 12′ 10.0″ S 159° 46′ 34.0″ W
(8(72, 73)02 Wellington)

83425 6Ed. 9/10/77 LAST NM 20/02 35/02
(Plan H)
Delete Legend "Works in progress (1964)"
21° 11′ 46.5″ S 159° 46′ 46.0″ W

Change Light to FR 19ft 6M (occas)
21° 11′ 44.9″ S 159° 46′ 37.6″ W
Light to FR 19ft 6M (occas)
21° 11′ 49.3″ S 159° 46′ 48.2″ W

Add Buoy G, conical 21° 11′ 38.0″ S 159° 46′ 44.1″ W

Land tint to area bound by shore and solid line
(wharf) [F13] joining 21° 11′ 43.6″ S 159° 46′ 39.1″ W
21° 11′ 42.4″ S 159° 46′ 42.5″ W
21° 11′ 47.4″ S 159° 46′ 42.7″ W
and delete land tint area seaward of above solid
line
(11(95)02 Wellington; NZ CH 9558)

83425 6Ed. 9/10/77 LAST NM 35/02 3/04
(Plan E)
Delete Light 21° 11′ 45″ S 159° 46′ 50″ W
Light 21° 11′ 50″ S 159° 45′ 53″ W
Light 21° 12′ 03″ S 159° 45′ 48″ W

(Plan H)
Delete Range lights (2), range line and legend
"Lights...161° 34′ " between
21° 12′ 12.2″ S 159° 45′ 45.0″ W
21° 11′ 30.0″ S 159° 46′ 00.0″ W

Range lights (2) and range line between
21° 11′ 49.3″ S 159° 46′ 48.2″ W
21° 11′ 30.0″ S 159° 46′ 01.0″ W
(24(160)03 Wellington)

83425 6Ed. 9/10/77 LAST NM 3/04 30/09
(Plan H)
Change Light to F Bu 2M 21° 11′ 50.2″ S 159° 46′ 45.1″ W
Light to F Bu 2M 21° 11′ 53.0″ S 159° 46′ 46.2″ W
Light to Oc Bu 8s 2M 21° 11′ 55.0″ S 159° 46′ 10.0″ W
Light to Oc Bu 8s 2M 21° 11′ 55.5″ S 159° 46′ 10.0″ W
(20(191)07 Wellington; BA LL)

★83473 7Ed. 5/8/76 NEW EDITION 26/76
(DMAHC)

83473 7Ed. 5/8/76 LAST NM 26/76 40/76
Delete Light (Iso G) 13° 49.5′ S 171° 45.7′ W

Change Light to Iso G 48ft 11M 13° 49.3′ S 171° 45.7′ W
(BA CH 2211)

83473 7Ed. 5/8/76 LAST NM 40/76 25/78
Change Characteristic of light to Fl 10sec 13° 50.0′ S 171° 45.8′ W
(18(1003)78 Taunton)

83473 7Ed. 5/8/76 LAST NM 25/78 47/78
Add Position circle "3 R MASTS (R Lts)"
13° 49.0′ S 171° 49.8′ W
(28(1614)78 Taunton)

83473 7Ed. 5/8/76 LAST NM 47/78 48/80
Change Height of light to 10ft 13° 45.6′ S 171° 50.3′ W

Add Purple dashed line with legend "Ferry"
between 13° 45.2′ S 172° 11.6′ W
13° 48.4′ S 172° 02.6′ W
(39(213)80 Auckland)

★**83473** 7Ed. 5/8/76 LAST NM 48/80 43/81
Add Depths
23 fathoms "Rep (1981)" (PA) 13° 43.6′ S 171° 35.3′ W
33 fathoms "Rep (1981)" (PA) 13° 47.1′ S 171° 30.0′ W
35 fathoms "Rep (1981)" (PA) 13° 55.2′ S 171° 21.0′ W
24 fathoms "Rep (1981)" (PA) 13° 58.3′ S 171° 19.1′ W
(NVS6511, 6512, 6513/81)

83473 7Ed. 5/8/76 LAST NM 43/81 29/83
Delete Light 13° 49.3′ S 171° 45.7′ W

Add Light FR 13° 49.00′ S 171° 45.25′ W
(US LL)

★**83473** 7Ed. 5/8/76 LAST NM 29/83 19/84
Add Depths
28 fathoms "Rep (1979)" 14° 00′ 15″S 172° 08′ 15″W
26 fathoms "Rep (1979)" 14° 00′ 00″S 172° 07′ 30″W
29 fathoms "Rep (1979)" 14° 00′ 30″S 172° 04′ 30″W
(NVS7245/84)

83473 7Ed. 5/8/76 LAST NM 19/84 38/85
Delete Light (Fl R) 13° 44.5′ S 172° 12.3′ W
(29(160)85 Auckland)

83473 7Ed. 5/8/76 LAST NM 38/85 5/86
Delete Seadrome centered 13° 48.7′ S 172° 00.4′ W

Change Range lights,
front to L Fl G 10s 18ft 6M 13° 48.9′ S 172° 02.3′ W
rear to F 26ft 6M 13° 49.1′ S 172° 02.2′ W

Add Legend "Twin Trs.", to church 13° 49.1′ S 171° 57.3′ W
(50(308)85 Auckland)

83473 7Ed. 5/8/76 LAST NM 5/86 6/86
Delete Depths
23 fathoms "Rep (1981)" (PA) 13° 43.6′ S 171° 35.3′ W
17 fathoms "Rep (1961)" 13° 49.3′ S 171° 21.0′ W
(HNNM7671/86)

83473 7Ed. 5/8/76 LAST NM 6/86 15/86
Delete Depths
1751 fathoms 13° 13.2′ S 172° 25.2′ W
490 fathoms 13° 56.0′ S 172° 13.7′ W
27 fathoms 13° 56.2′ S 172° 12.3′ W
28 fathoms "Rep (1979)" 14° 00.2′ S 172° 08.2′ W
26 fathoms "Rep (1979)" 14° 00.0′ S 172° 07.5′ W
29 fathoms "Rep (1979)" 14° 00.5′ S 172° 04.5′ W
34 fathoms 13° 47.0′ S 171° 37.0′ W
44 fathoms 13° 47.9′ S 171° 34.0′ W
20 fathoms 13° 51.2′ S 171° 31.7′ W
30 fathoms 13° 57.8′ S 171° 22.1′ W

Add Depths
207 fathoms 13° 15.1′ S 173° 06.3′ W
373 fathoms 13° 14.3′ S 172° 27.8′ W
22 fathoms 13° 47.0′ S 171° 37.1′ W
27 fathoms 13° 47.7′ S 171° 33.9′ W
13 fathoms 13° 50.8′ S 171° 31.4′ W
21 fathoms 13° 55.4′ S 171° 25.9′ W
21 fathoms 13° 56.1′ S 171° 24.9′ W
24 fathoms 13° 58.0′ S 171° 22.0′ W
255 fathoms 14° 06.9′ S 171° 21.8′ W
30 fathoms 13° 59.7′ S 172° 03.9′ W
22 fathoms 13° 59.3′ S 172° 06.9′ W
19 fathoms 14° 01.4′ S 172° 10.6′ W
26 fathoms 14° 00.4′ S 172° 08.9′ W
134 fathoms 13° 58.3′ S 172° 09.8′ W
30 fathoms 13° 58.8′ S 172° 12.5′ W
24 fathoms 13° 56.3′ S 172° 13.4′ W
(7(60)86 Auckland)

83473 7Ed. 5/8/76 LAST NM 15/86 17/86
Add Depths
40 fathoms 13° 41.7′ S 172° 02.4′ W
43 fathoms 13° 41.7′ S 171° 59.8′ W
31 fathoms 13° 44.4′ S 171° 41.9′ W
(6(55)86 Auckland)

83473 7Ed. 5/8/76 LAST NM 17/86 20/86
Delete Depth 134 fathoms 13° 58.3′ S 172° 09.8′ E
(See 15/86-83473)

Add Depth 134 fathoms 13° 58.3′ S 172° 09.3′ E
(11(84)86 Auckland)

83473 7Ed. 5/8/76 LAST NM 20/86 30/87
Change Characteristic of light to Fl 5s 14° 00.5′ S 171° 23.5′ W
(20(144)87 Auckland)

83473 7Ed. 5/8/76 LAST NM 30/87 11/88
Add Position circle "Raft" 13° 50.5′ S 172° 20.9′ W
(48(340)87 Auckland)

83473 7Ed. 5/8/76 LAST NM 11/88 48/88
Add Position circle "Raft" 13° 45.3′ S 171° 46.8′ W
(25(171)88 Auckland)

83473 7Ed. 5/8/76 LAST NM 48/88 12/89
Delete Depths
39 fathoms "Rep (1961)" 13° 27.1′ S 172° 50.0′ W
24 fathoms 13° 58.0′ S 171° 22.0′ W
15 fathoms (PA)
and legend "Hertha" 13° 53.1′ S 171° 15.6′ W
(4(30)89 Auckland)

83473 7Ed. 5/8/76 LAST NM 12/89 47/89
Delete Position circle "Raft" 13° 50.5′ S 172° 20.9′ W

Add Position circle "Raft Ra Ref" 13° 41.6′ S 172° 42.0′ W
13° 35.4′ S 172° 00.8′ W
13° 25.2′ S 172° 38.8′ W
13° 45.7′ S 172° 38.8′ W
13° 50.0′ S 172° 20.0′ W
14° 07.3′ S 171° 47.8′ W
14° 09.4′ S 171° 36.9′ W
(34(203)89 Auckland)

83473 7Ed. 5/8/76 LAST NM 47/89 25/90
Add Buoy Y, spherical, Fl(5) Y 10s 13° 52.8′ S 172° 11.2′ W
(6(60)90 Auckland)

83473 7Ed. 5/8/76 LAST NM 25/90 31/90
Delete Depth 134 fathoms 13° 58.3′ S 172° 09.8′ W

Add Depth 134 fathoms 13° 58.3′ S 172° 09.3′ W
(11(84)86 Auckland)

83473 7Ed. 5/8/76 LAST NM 31/90 15/91
Delete Light 13° 49.0′ S 171° 45.3′ W

Change Characteristic of range light, rear to
Fl 10s 13° 50.0′ S 171° 45.8′ W
(MCNM1065/90; BA LL)

83473 7Ed. 5/8/76 LAST NM 15/91 18/91
Add Position circle "RADIO MAST" 13° 48.6′ S 171° 46.5′ W
(2(24)91 Auckland)

83473 7Ed. 5/8/76 LAST NM 18/91 24/91
Delete Position circle "Raft Ra Ref" 14° 09.4′ S 171° 36.9′ W
14° 07.3′ S 171° 47.8′ W
13° 50.0′ S 172° 20.0′ W
13° 41.6′ S 172° 42.0′ W
13° 25.2′ S 172° 38.8′ W

Position circle "Raft" 13° 45.3′ S 171° 46.8′ W

Buoy 13° 52.8′ S 172° 11.2′ W
(See 25/90-83473)

Add Position circle "Raft" 13° 15.3′ S 172° 23.2′ W
13° 41.4′ S 171° 43.1′ W
14° 11.8′ S 171° 26.7′ W
14° 05.5′ S 172° 11.4′ W
13° 53.1′ S 172° 22.4′ W
13° 25.3′ S 172° 39.7′ W
(8(60)91 Auckland)

83473 7Ed. 5/8/76 LAST NM 24/91 39/92
Change Range lights,
front to Iso G 3s 54ft 10M 13° 49.4′ S 171° 45.7′ W
rear to Fl 4s 220ft 20M 13° 50.0′ S 171° 45.8′ W
(21(161)92 Auckland)

83473 7Ed. 5/8/76 LAST NM 39/92 23/93
Add Buoy Y, spherical, Fl(5) Y 10s 13° 52.8′ S 172° 11.2′ W
(15(109)93 Auckland)

83473 7Ed. 5/8/76 LAST NM 23/93 38/93
Delete Buoy 13° 52.8′ S 172° 11.2′ W
(Supersedes 23/93-83473)
(31(232)93 Auckland)

83473 7Ed. 5/8/76 LAST NM 38/93 11/94
Delete Position circle "Raft" 13° 25.3′ S 172° 39.7′ W
13° 15.3′ S 172° 23.2′ W
13° 41.4′ S 171° 43.1′ W
13° 53.1′ S 172° 22.4′ W
14° 05.5′ S 172° 11.4′ W
14° 11.8′ S 171° 26.7′ W

Position circle "Raft Ra Ref" 13° 35.4′ S 172° 00.8′ W
13° 45.7′ S 172° 38.8′ W

Add Position circle "Raft" 14° 10.6′ S 171° 33.0′ W
13° 52.5′ S 172° 24.7′ W
(3(36)94 Auckland)

83473 7Ed. 5/8/76 LAST NM 11/94 43/98
Add Note "NOTES
1. Small fishing vessels may be encountered in the areas between Upolu and Savai'l islands. Mariners are requested to give these vessels a wide berth.
2. Fish aggregating devices (FADs) are established along the coastal waters of Western Samoa islands." 13° 23′ 00″S 172° 54′ 24″W

Buoy, pillar with legend "(FAD)"
13° 44′ 53″S 171° 41′ 14″W
Legend "(see Note No. 1)" 13° 37′ 00″S 172° 00′ 00″W
(36(304, 305)98 Auckland)

83473 7Ed. 5/8/76 LAST NM 43/98 45/98
Relocate Buoy (13° 44′ 53′ ′ S 171° 41′ 14′ ′ W) to
13° 44′ 25″S 171° 40′ 54″W
(See 43/98-83473)

Add Buoy, pillar with legend "(FAD)"
13° 43′ 59″S 171° 44′ 25″W
13° 42′ 38″S 171° 49′ 50″W
13° 44′ 26″S 171° 44′ 45″W
13° 44′ 06″S 171° 50′ 11″W
(38(325)98 Auckland)

83473 7Ed. 5/8/76 LAST NM 45/98 13/01
Add Position circle "FAD A" 13° 38′ 48″S 171° 42′ 24″W
Position circle "FAD C" 13° 37′ 02″S 171° 59′ 10″W
Position circle "FAD S" 13° 46′ 14″S 171° 30′ 16″W
Position circle "FAD Z" 13° 24′ 23″S 172° 38′ 01″W
(39(364)99 Wellington)

83473 7Ed. 5/8/76 LAST NM 13/01 37/03
Add Beacon BRB, double ball topmark,
Fl R 4s 4m 3M 13° 49′ 54″S 172° 06′ 43″W

Beacon RW, ball topmark, Fl 4s 5m 6M
13° 50′ 30″S 172° 05′ 31″W
(13(97)03 Wellington)

★83476 26Ed. 10/12/85 NEW EDITION 7/86
(DMAHTC)

83476 26Ed. 10/12/85 LAST NM 7/86 30/87
(Plan D)
Change Light to Fl 5s 20M 13° 59.2′ S 171° 20.3′ W
(20(144)87 Auckland)

83476 26Ed. 10/12/85 LAST NM 30/87 43/87
Delete Light 13° 49′ 07″S 171° 45′ 24″W

Change Light to Fl R 4s 11ft 3M 13° 49′ 15″S 171° 45′ 50″W
(28(192)87 Auckland)

83476 26Ed. 10/12/85 LAST NM 43/87 21/88
(Plan A)
Add Stranded wreck 13° 48′ 39.9″S 171° 45′ 18.4″W
(6(56)88 Auckland)

83476 26Ed. 10/12/85 LAST NM 21/88 48/88
(Plan A)
Delete Legend "R MAST" at position circle
13° 49′ 45″S 171° 45′ 20″W

Add Buoy, black spherical 13° 49′ 18.7″S 171° 45′ 22.8″W
(25(172)88 Auckland)

83476 26Ed. 10/12/85 LAST NM 48/88 50/88
(Plan A)
Delete Stranded wreck 13° 48′ 40″S 171° 45′ 18″W
(Cancels 21/88-83476)
(35(213)88 Auckland)

83476 26Ed. 10/12/85 LAST NM 50/88 15/91
(Plan A)
Delete Light 13° 49′ 02″S 171° 45′ 24″W
(BA LL)

83476 26Ed. 10/12/85 LAST NM 15/91 18/91
(Plan A)
Delete Bns (2), leading line and legend
"Leading Beacons 133°" between
13° 49′ 24″S 171° 45′ 14″W
13° 49′ 05″S 171° 45′ 35″W

Legend "Slip" 13° 49′ 15″S 171° 45′ 14″W

Change Buoy to R, pillar 13° 49′ 14″S 171° 45′ 51″W

Add Legends
"Breakwater Under Constr (1990)"
13° 49′ 00.0″S 171° 45′ 25.7″W
"Jetty Under Constr (1990)"
13° 49′ 12.0″S 171° 45′ 18.3″W

Position circle "RADIO MAST (R Lts)"
13° 48′ 35.0″S 171° 46′ 29.1″W
(2(24)91 Auckland)

83476 26Ed. 10/12/85 LAST NM 18/91 24/91
(Plan A)
Delete Buoy 13° 49′ 19″S 171° 45′ 23″W

Add Buoy (mooring) 13° 49′ 16.7″S 171° 45′ 21.7″W
(13(85)91 Auckland)

83476 26Ed. 10/12/85 LAST NM 24/91 48/91
(Plan A)
Delete Legends
"Breakwater Under Constr (1990)" 13° 49′ 00″S 171° 45′ 26″W
"Jetty Under Constr (1990)" 13° 49′ 12″S 171° 45′ 18″W
(See 18/91-83476)

Add Double solid lines with land tint
(breakwater) between 13° 49′ 00.0″S 171° 45′ 26.8″W
13° 49′ 00.0″S 171° 45′ 23.5″W

(jetty) between 13° 49′ 11.9″S 171° 45′ 18.1″W
13° 49′ 10.4″S 171° 45′ 16.3″W

Lights
Fl 4s 31ft 5M 13° 49′ 00.0″S 171° 45′ 26.8″W
Fl Y 4s 8ft 2M 13° 49′ 10.4″S 171° 45′ 16.3″W

Depth 1 fathom 5 feet 13° 49′ 11.7″S 171° 45′ 17.2″W
(30(197)91 Auckland)

83476 26Ed. 10/12/85 LAST NM 48/91 52/91
(Plan A)
Add Light Fl 3s to buoys (mooring) 13° 48′ 54″S 171° 45′ 35″W
13° 49′ 06″S 171° 45′ 40″W
13° 49′ 10″S 171° 45′ 35″W
(37(228)91 Auckland)

83476 26Ed. 10/12/85 LAST NM 52/91 39/92
(Plan A)
Change Range lights,
front to Iso G 3s 54ft 10M 13° 49′ 19″S 171° 45′ 38″W
rear to Fl 4s 220ft 20M 13° 50′ 03″S 171° 45′ 49″W
(21(161)92 Auckland)

83476 26Ed. 10/12/85 LAST NM 39/92 35/98
Add Platform (lighted) QR (PA) 13° 49′ 00″S 171° 45′ 42″W
(28(240)98 Auckland; NZ CH 8655)

83476 26Ed. 10/12/85 LAST NM 35/98 47/98
(Plan A)
Change Characteristic of buoy (mooring)
to Fl R 3s 13° 48′ 54″S 171° 45′ 35″W
13° 49′ 06″S 171° 45′ 40″W
13° 49′ 10″S 171° 45′ 35″W
(40(342)98 Auckland)

83476 26Ed. 10/12/85 LAST NM 47/98 20/05
(Panel A)
Add Land tint to area bound by shore and solid line
[F13] joining 13° 49′ 06.8″S 171° 45′ 24.0″W
13° 49′ 01.9″S 171° 45′ 25.0″W
13° 49′ 02.2″S 171° 45′ 24.5″W
and delete reef, depth contour, and blue tint
within above area
(17(165)04 Wellington)

83476 26Ed. 10/12/85 LAST NM 20/05 47/10
(Plan A)
Delete Buoy (mooring) 13° 48′ 54.0″S 171° 45′ 35.0″W
Buoy 13° 49′ 00.7″S 171° 45′ 36.5″W
Buoy 13° 49′ 01.0″S 171° 45′ 36.0″W

Add Buoy G, conical, cone topmark, Oc G 6s
[Q130.1] 13° 48′ 27.9″S 171° 45′ 34.7″W

Buoy R, can, can topmark, Oc R 6s [Q130.1]
13° 48′ 38.1″S 171° 45′ 21.5″W
(22(185)10 Wellington; NZ CH 8655)

★**83484** 12Ed. 4/10 NEW EDITION 24/10
(NOS)

83484 12Ed. 4/10 LAST NM 24/10 43/11
(Inset Manua Islands)
Delete Buoy "J" 14° 14′ 32″S 169° 34′ 22″W

(Inset Tutuila Island)
Delete Buoy "A" 14° 15′ 02″S 170° 29′ 04″W
Buoy "D" 14° 19′ 02″S 170° 53′ 58″W
Buoy "E" 14° 12′ 20″S 170° 43′ 46″W
(37/11 CG14)

★**83484** 12Ed. 4/10 LAST NM 43/11 47/11
(Inset Pago Pago Harbor)
Relocate Buoy "4" from
14° 16′ 34.7″S 170° 40′ 46.3″W to
14° 16′ 33.5″S 170° 40′ 46.0″W
(43/11 CG14)

83484 12Ed. 4/10 LAST NM 47/11 43/12
(Inset Pago Pago Harbor)
Add Buoy "WR7" G, QG 14° 16′ 20.2″S 170° 41′ 14.6″W
(40/12 CG14)

★**83484** 12Ed. 4/10 LAST NM 43/12 25/13
(Inset Pago Pago Harbor)
Change Height of range light, front to 37ft
14° 16′ 08.2″S 170° 40′ 27.2″W
Height of range light, rear to 182ft
14° 16′ 02.3″S 170° 40′ 29.2″W

(Inset Tutuila Island)
Change Height of range light, front to 37ft
14° 16′ 08″S 170° 40′ 27″W
Height of range light, rear to 182ft
14° 16′ 02″S 170° 40′ 29″W
(20/13 CG14)

★**83495** 7Ed. 1/31/76 NEW EDITION 12/76
(DMAHC)

83495 7Ed. 1/31/76 LAST NM 12/76 16/78
(And Plan)
Delete Rock 13° 22′ 52.0″S 176° 10′ 17.0″W

Add Depth ¼ fathom 13° 22′ 58.5″S 176° 10′ 16.2″W
(4(60)78 Brest)

83495 7Ed. 1/31/76 LAST NM 16/78 24/79
Add Buoy, black (PD) 13° 22′ 35″S 176° 09′ 42″W
(46(44)78 Brest)

83495 7Ed. 1/31/76 LAST NM 24/79 14/81
(And Plan)
Add Position circle "Tank" (PA) 13° 20′ 30″S 176° 11′ 11″W
(7(67)81 Brest)

83495 7Ed. 1/31/76 LAST NM 14/81 25/81
Add Bn, red 13° 19′ 54.0″S 176° 07′ 19.5″W
(Fr CH 6001)

83495 7Ed. 1/31/76 LAST NM 25/81 39/81
Add R Bn (AERO) 13° 14′ 00″S 176° 09′ 32″W

(Plan)
Delete Buoy (mooring) 13° 20′ 49″S 176° 07′ 54″W

Add Position circles "Dol" 13° 17′ 02.5″S 176° 07′ 55.5″W
13° 17′ 05.0″S 176° 07′ 56.0″W
13° 17′ 06.0″S 176° 07′ 58.0″W

Beacons
"1", black 13° 20′ 04.5″S 176° 08′ 02.0″W
"2", red 13° 20′ 07.0″S 176° 08′ 33.0″W
"4", red 13° 20′ 00.0″S 176° 08′ 46.5″W
"H1", black 13° 22′ 41.5″S 176° 11′ 05.0″W
"H2", red 13° 22′ 59.0″S 176° 10′ 57.5″W
"H4", red 13° 22′ 55.5″S 176° 11′ 07.5″W
(undesignated), black 13° 22′ 49.0″S 176° 11′ 01.0″W
(Fr CH 6876)

83495 7Ed. 1/31/76 LAST NM 39/81 33/90
Add Bn R, can topmark 13° 20′ 14″S 176° 08′ 14″W
(09(51)90 Brest)

83495 7Ed. 1/31/76 LAST NM 33/90 41/90
(And Plan)
Add Spot height "486ft" to form lines
13° 15′ 40″S 176° 08′ 39″W
(15(48)90 Brest)

83495 7Ed. 1/31/76 LAST NM 41/90 42/90
(Plan Mouillages...Mata-Uta)
Change Legend to "Lights in line 032° 18′ "
13° 24′ 10″S 176° 11′ 25″W

Add Range lights,
front Iso 4s 26ft 8M 13° 22′ 44.2″S 176° 10′ 28.1″W
rear Iso 4s 322ft 8M 13° 20′ 26.1″S 176° 08′ 59.1″W

(Plan Passe Honikulu)
Change Legend to "032° 18′ " 13° 23′ 25″S 176° 10′ 56″W
(BA LL; BA CH 968)

83495 7Ed. 1/31/76 LAST NM 42/90 8/91
Change Legend to "White Rock and Gray Wall
in Line 032° 18′ " 13° 24′ 10″S 176° 11′ 25″W

Designation of beacon "12" to "14"
13° 21′ 15″S 176° 08′ 06″W

Bns "5" to beacon "7" G, Fl G 2.5s
13° 22′ 00″S 176° 08′ 30″W
"9" to beacon "11" G, QG 13° 21′ 11″S 176° 07′ 42″W

Bns to beacon
"6" R, L Fl R 10s 13° 22′ 00″S 176° 08′ 43″W
"10" R, Fl R 2.5s 13° 21′ 38″S 176° 08′ 20″W
"16" BYB, double cone topmark
bases together, Q(3) 10s 13° 20′ 40″S 176° 07′ 33″W
"18" R, L Fl(2) R 6s 13° 19′ 54″S 176° 07′ 20″W
"20" R, Fl R 2.5s 13° 18′ 52″S 176° 07′ 33″W
"15" G, Fl G 2.5s 13° 18′ 43″S 176° 07′ 27″W
"22" BYB, double cone topmark
bases together, Q(3) 10s 13° 18′ 03″S 176° 07′ 22″W
"17" G, L Fl(2) G 6s 13° 17′ 33″S 176° 07′ 10″W

Add Designation to beacons
"9" 13° 21′ 43″S 176° 07′ 52″W
"8" 13° 21′ 53″S 176° 08′ 34″W
"12" 13° 21′ 31″S 176° 08′ 18″W
"14" 13° 21′ 15″S 176° 08′ 06″W
"13" 13° 19′ 49″S 176° 07′ 17″W

(And Plan Passe Honikulu)
Delete Bn "2" 13° 23′ 14″S 176° 10′ 51″W

Change Bns to beacon
"1" G, Fl G 2.5s 13° 23′ 15″S 176° 10′ 45″W
"3" G, QG 13° 23′ 08″S 176° 10′ 40″W

Add Beacon "2" R, Fl R 2.5s 13° 23′ 16″S 176° 10′ 53″W
(18(55)90 Brest; BA CH 968)

83495 7Ed. 1/31/76 LAST NM 8/91 4/93
Add Caution note
" CAUTION
"Adjustments for plotting positions
obtained from satellite navigation
systems based on the World Geodetic
System cannot be determined for this
chart" 13° 13.0′ S 176° 05.5′ W

Legend "Iles Wallis have been
reported to lie 2¼ miles west of
charted position" 13° 13.0′ S 176° 07.0′ W
(MCC1223/93)

83495 7Ed. 1/31/76 LAST NM 4/93 30/98
(Plan Mouillages...Mata-Uta)
Add Depth 1¾ fathoms 13° 17′ 02.6″S 176° 07′ 50.4″W
(43(37)97 Brest)

83495 7Ed. 1/31/76 LAST NM 30/98 26/99
(Plan Mouillages...Mata-Uta)
Delete Depth 4 fathoms 13° 17′ 43″S 176° 07′ 18″W

Substitute Depth 2¾ fathoms for 3½fathoms
13° 17′ 34″S 176° 07′ 19″W
Depth 3½ fathoms for 4½ fathoms
13° 17′ 10″S 176° 07′ 47″W

Add Depth 2½ fathoms 13° 17′ 17″S 176° 07′ 31″W
Depth 3 fathoms 13° 17′ 45″S 176° 07′ 17″W
Depth 3 fathoms 13° 20′ 36″S 176° 07′ 23″W
Depth 3 fathoms 13° 17′ 39″S 176° 07′ 18″W
Depth 2 fathoms 13° 17′ 09″S 176° 07′ 45″W
(52(38)98 Brest)

83495 7Ed. 1/31/76 LAST NM 26/99 35/00
Delete Depth 3½ fathoms 13° 17′ 08.0″S 176° 07′ 43.0″W
Add Depth 2½ fathoms 13° 17′ 08.4″S 176° 07′ 43.3″W
Depth 3 fathoms 13° 17′ 07.2″S 176° 07′ 53.5″W
(11(52)99 Brest)

83495 7Ed. 1/31/76 LAST NM 35/00 42/01
(Plan Mouillages...Mata-Uta)
Delete Beacon "2" 13° 20′ 07.0″S 176° 08′ 33.0″W

Change Designation of beacon "4" to "2"
13° 20′ 00.0″S 176° 08′ 46.5″W

Add Beacon "4" R 13° 20′ 01.4″S 176° 08′ 53.4″W
(7(42)99 Brest)

★**83500** 1Ed. 4/25/87 NEW CHART 31/87
(DMAHTC)

83500 1Ed. 4/25/87 LAST NM 31/87 32/87
Add Legend "Rep (1969)" to
depth 323 meters 19° 27.0′ S 178° 05.9′ W
(RS11202/69)

83500 1Ed. 4/25/87 LAST NM 32/87 47/87
Add Depth 216 meters 21° 31.2′ S 178° 52.2′ W

Legend "PD" to
depth 179 meters "Rep (1951)" 21° 35.5′ S 178° 55.0′ W
(37(2825)87 Taunton)

83500 1Ed. 4/25/87 LAST NM 47/87 52/87
Delete Depths
22 meters 20° 15.7′ S 174° 31.8′ W
647 meters "Rep (1977)" 19° 17.7′ S 175° 13.5′ W
18.3 meters 19° 37.2′ S 174° 20.1′ W
241 meters 21° 38.1′ S 175° 21.3′ W
40 meters "Rep (1965)" 21° 40.3′ S 175° 09.4′ W
29 meters "Rep (1965)" 21° 44.1′ S 175° 09.9′ W
75 meters "Rep (1972)" 21° 05.3′ S 175° 33.0′ W
143 meters 21° 23.8′ S 175° 29.7′ W
38 meters 21° 31.9′ S 175° 33.3′ W
31 meters 21° 26.0′ S 175° 40.9′ W
49 meters 21° 22.2′ S 175° 44.5′ W
137 meters 21° 22.2′ S 175° 41.9′ W
89 meters 21° 20.3′ S 175° 43.3′ W

Legend "1.8m Rep (1963)" 20° 21.0′ S 175° 18.1′ W

Substitute Depths
36 meters for 34 meters 21° 20.0′ S 175° 40.0′ W
9.1 meters for 5.5 meters 18° 45.6′ S 174° 09.1′ W
830 meters for 430 meters 18° 44.1′ S 174° 36.3′ W
647 meters "Rep (1977)" (PA)
for 654 meters 20° 23.1′ S 175° 14.0′ W
1.8 meters Rk "Rep (1963)"
for dangerous submerged rock 20° 20.4′ S 175° 24.0′ W

Add Depth 45 meters 19° 37.7′ S 174° 18.3′ W
(MCNM8016/87)

83500 1Ed. 4/25/87 LAST NM 52/87 8/88
Add Chartlets, depicting changes in
hydrography, from back of Section I
(A) 21° 25′ S 175° 45′ W
(B) 21° 25′ S 174° 40′ W
(MCNM8016/87)

★**83500** 1Ed. 4/25/87 LAST NM 8/88 10/88
Add Depth 185 meters "Rep (1977)" (PA) 16° 17′ S 173° 51′ W
(MCNM8064/88)

83500 1Ed. 4/25/87 LAST NM 10/88 1/90
Change Characteristic of light to Fl(3) 18° 24′ S 178° 09′ E
(38(2867)89 Taunton)

83500 1Ed. 4/25/87 LAST NM 1/90 40/90
Change Visibility (range) of light to 10M 21° 03.9′ S 175° 19.2′ W
(BA LL)

83500 1Ed. 4/25/87 LAST NM 40/90 43/90
Change Light to Q(3) 10M 18° 42.9′ S 174° 08.4′ W
(BA LL)

83500 1Ed. 4/25/87 LAST NM 43/90 9/92
Add Depth 64 meters "Rep (1978)" 20° 52.2′ S 175° 20.6′ W
(43(3070)91 Taunton)

83500 1Ed. 4/25/87 LAST NM 9/92 40/92
Change Characteristic of light to Fl 3s 20° 06.0′ S 174° 47.7′ W
(MCC1157/92)

83500 1Ed. 4/25/87 LAST NM 40/92 1/93
Change Legend to
"Volcanic Activity Rep (1992)" 20° 51′ S 175° 31′ W

Add Light Fl(2) 10M 20° 15.9′ S 174° 49.4′ W

Depth 75 meters "Rep (1992)" 21° 05.0′ S 175° 32.8′ W
(See 8/88-83500)
(5(363), 14(1060)92 Taunton)

83500 1Ed. 4/25/87 LAST NM 1/93 3/93
Add Lights
Fl(2) 10s 10M 19° 38.7′ S 174° 18.1′ W
Fl 10s 10M 19° 50.7′ S 174° 31.4′ W
Q(3) 10M 19° 59.7′ S 174° 47.4′ W
L Fl 10M 18° 37.7′ S 174° 04.2′ W
(11(830), 17(1266)92 Taunton; MCC1157/92)

83500 1Ed. 4/25/87 LAST NM 3/93 4/93
Add Light L Fl 10M 21° 20.4′ S 174° 57.3′ W
(25(1835)92 Taunton)

83500 1Ed. 4/25/87 LAST NM 4/93 6/93
Add Buoy Y, spherical, Fl Y 4s 19° 18.4′ S 177° 57.1′ E
(38(2812)92 Taunton)

83500 1Ed. 4/25/87 LAST NM 6/93 13/93
Add Danger circle
"Shoals Rep (1993)" (PA) 19° 30′ S 177° 25′ W
"Shoal Rep (1993)" (PA) 18° 48′ S 175° 14′ W
18° 23′ S 176° 33′ W
18° 44′ S 176° 35′ W
19° 10′ S 175° 07′ W
19° 15′ S 175° 19′ W
19° 40′ S 176° 00′ W
20° 20′ S 176° 00′ W

Legend "Shoals Rep (1993)" 19° 27′ S 176° 33′ W
19° 48′ S 176° 35′ W
20° 08′ S 177° 28′ W
19° 28′ S 179° 41′ W

Depth 11.9 meters "Rep (1993)" (PA) 21° 16′ S 175° 40′ W
(See 8/88-83500)
(3(43)93 Auckland)

83500 1Ed. 4/25/87 LAST NM 13/93 35/93
Add Islet 19° 37.5′ S 175° 01.0′ W
(24(185)93 Auckland)

83500 1Ed. 4/25/87 LAST NM 35/93 37/93
Add Legend "Volcanic Activity (1993)" 20° 19′ S 175° 32′ W
19° 42′ S 174° 53′ W
(29(217), 30(224)93 Auckland)

83500 1Ed. 4/25/87 LAST NM 37/93 45/93
Substitute Danger circle
"Volcanic Activity (1993)" for
depth 3.6 meters and legend
"Volcanic...1979)" 19° 10′ S 174° 50′ W
(37(265)93 Auckland)

83500 1Ed. 4/25/87 LAST NM 45/93 20/94
Add Depth 30 meters "Rep (1994)" 20° 21.5′ S 176° 54.3′ E
(14(1149)94 Taunton)

83500 1Ed. 4/25/87 LAST NM 20/94 5/95
Add Depth 125 meters "Rep (1994)" 18° 25.3′ S 174° 20.8′ W
(48(353)94 Auckland)

83500 1Ed. 4/25/87 LAST NM 5/95 8/95
Add Depth 298 meters "Rep (1994)" 18° 32.8′ S 174° 20.5′ W
(3(34)95 Auckland)

83500 1Ed. 4/25/87 LAST NM 8/95 13/95
Delete Depth
139 meters 21° 50.0′ S 175° 45.7′ W
58 meters "Rep (1964)" 21° 46.5′ S 175° 51.5′ W
38 meters "Rep (1970)" 21° 48.5′ S 175° 51.5′ W
55 meters "Rep (1965)" 21° 49.5′ S 176° 02.0′ W

Substitute Depth 153 meters for
170 meters "Rep (1968)" 21° 43.8′ S 175° 57.2′ W
(See 8/88-83500)

Add Depth
129 meters 21° 51.5′ S 175° 46.8′ W
40 meters 21° 49.7′ S 175° 55.5′ W
(8(76)95 Auckland)

83500 1Ed. 4/25/87 LAST NM 13/95 16/95
Delete Depth 14.6 meters and legend
"Volcanic...(1977)" 15° 40′ S 173° 33′ W

Legend "(PA)" 16° 10′ S 173° 52′ W
16° 16′ S 173° 55′ W

Change Legend to
"Volcanic activity Rep (1977)" 15° 35′ S 173° 45′ W

Legend "Rep (1977) (PA)" to
"(ED)" 16° 23′ S 173° 48′ W

Add Depth 15 meters 15° 37′ S 173° 37′ W

Racon at light 16° 45′ S 179° 06′ W
(3(42)93 Auckland; NZ CH 14605; BA RA)

83500 1Ed. 4/25/87 LAST NM 16/95 18/95
Delete Depth 78 meters "Rep (1976)" 20° 46.2′ S 175° 10.0′ W

Substitute Depth 26 meters for
49 fathoms "Rep (1970)" 20° 42.0′ S 175° 10.8′ W

Add Depth 78 meters 20° 44.0′ S 175° 10.3′ W
(13(118)95 Auckland)

83500 1Ed. 4/25/87 LAST NM 18/95 28/95
Substitute Depth 451 meters for
576 meters 16° 04.7′ S 177° 55.6′ E
(21(166)95 Auckland)

83500 1Ed. 4/25/87 LAST NM 28/95 34/95
Substitute Islet with legend
"Volcanic island (1995)" for
danger circle "Volcanic...1993)" 19° 10′ S 174° 50′ W
(26(214)95 Auckland)

83500 1Ed. 4/25/87 LAST NM 34/95 35/95
Delete Depth 159 meters "Rep (1977)" (PA)
19° 35.0′ S 174° 59.7′ W

Add Depth 150 meters 19° 35.8′ S 175° 00.5′ W
(27(220)95 Auckland)

83500 1Ed. 4/25/87 LAST NM 35/95 38/95
Add Depth
420 meters 20° 37.0′ S 178° 18.5′ W
306 meters 21° 20.6′ S 178° 41.0′ W
(32(2647)95 Taunton)

83500 1Ed. 4/25/87 LAST NM 38/95 39/95
Add Depth 450 meters 21° 43.8′ S 175° 02.0′ W
(29(231)95 Auckland)

83500 1Ed. 4/25/87 LAST NM 39/95 43/95
Delete R Bn (AERO) 17° 47′ S 177° 25′ E
(BA RA)

83500 1Ed. 4/25/87 LAST NM 43/95 47/95
Add Depth 11.9 meters 15° 56.5′ S 179° 17.1′ W
(39(306)95 Auckland)

83500 1Ed. 4/25/87 LAST NM 47/95 30/96
Add Danger circle "Shoal rep (1996)" (PA) 20° 20′ S 177° 32′ W
19° 56′ S 177° 12′ W
17° 27′ S 176° 35′ W
(23(207)96 Auckland)

83500 1Ed. 4/25/87 LAST NM 30/96 26/97
Add Depth
520 meters 20° 35.0′ S 177° 10.0′ W
518 meters 20° 20.0′ S 175° 13.0′ W
(16(138)97 Auckland)

83500 1Ed. 4/25/87 LAST NM 26/97 3/98
Add Legend "Rep to lie 2 miles SW (1997)"
21° 04.0′ S 178° 55.0′ W
(34(3083)97 Taunton)

83500 1Ed. 4/25/87 LAST NM 3/98 41/98
Delete Depth 14.6 meters "Rep (1981)" 16° 00.0′ S 179° 17.1′ W

Substitute Depth 11.5 meters for 11.9 meters 15° 56.5′ S 179° 17.1′ W
(33(2948)98 Taunton)

83500 1Ed. 4/25/87 LAST NM 41/98 44/99
Add Depth 4.9 meters [I4] enclosed by
dotted-line circle with blue tint 18° 40.0′ S 178° 18.0′ W
(30(2667)98 Taunton)

83500 1Ed. 4/25/87 LAST NM 44/99 52/99
Add Danger circle "Shoal Rep (1999)" [I4]
19° 49.5′ S 176° 04.8′ W
(44(418)99 Auckland)

83500 1Ed. 4/25/87 LAST NM 52/99 16/01
Substitute Depth 7.6 meters for 10.9 meters 18° 10.0′ S 178° 18.7′ W
(32(3003)99 Taunton)

83500 1Ed. 4/25/87 LAST NM 16/01 9/02
Add Legend "Volcanic Activity (2001)" 18° 19.1′ S 174° 21.1′ W
(2(27)02 Wellington)

83500 1Ed. 4/25/87 LAST NM 9/02 12/02
Add Danger circle [K1] "Volcanic Activity Rep
(2001)" 18° 46.5′ S 179° 10.8′ E
(3(34)02 Wellington)

83500 1Ed. 4/25/87 LAST NM 12/02 23/04
Substitute Depth 8.8 meters for 5.5 meters 17° 53.8′ S 178° 56.1′ W
(36(3360)99 Taunton)

83500 1Ed. 4/25/87 LAST NM 23/04 15/05
Add Submarine cable [L30.1] joining 18° 10.0′ S 178° 28.1′ E
18° 17.0′ S 178° 25.2′ E
18° 25.8′ S 178° 21.3′ E
(5(55)04 Wellington)

83500 1Ed. 4/25/87 LAST NM 15/05 34/05
Delete Light 21° 04.0′ S 175° 19.2′ W
(10(103)05 Wellington)

★**83500** 1Ed. 4/25/87 LAST NM 34/05 39/05
Add Dashed-line circle with blue tint [Ke]
"Discol water (2000)" 20° 13.7′ S 176° 40.5′ E
(NTM0016/2005)

83500 1Ed. 4/25/87 LAST NM 39/05 46/05
Substitute Depth 22 meters for 33 meters 16° 40.5′ S 178° 37.7′ W
(NTM0031/2005)

83500 1Ed. 4/25/87 LAST NM 46/05 20/06
Substitute Depth 8 meters for 14.6 meters 16° 07.5′ S 173° 49.5′ W
(42(51)04 Brest)

83500 1Ed. 4/25/87 LAST NM 20/06 51/06
Add Island point enclosed by danger circle [K1]
with legend "Volcanic Activity (2006)"
centered 18° 57.4′ S 174° 46.2′ W
(NTM0045/2006)

83500 1Ed. 4/25/87 LAST NM 51/06 13/07
Change Legend "Volcanic Activity (2006)" to
"Volcanic Activity (2006)" (PA) 18° 57.4′ S 174° 46.2′ W
(See 51/06-83500)
(NTM0045/2006)

★**83500** 1Ed. 4/25/87 LAST NM 13/07 3/08
Substitute Depth 390 meters for 512 meters 16° 27.3′ S 177° 19.0′ W
(NTM0017/2007)

83500 1Ed. 4/25/87 LAST NM 3/08 10/09
Substitute Depth 988 meters for 1218 meters 20° 33.0′ S 177° 27.0′ E

Add Depth 764 meters 19° 56.0′ S 177° 43.0′ E
Depth 1260 meters 19° 38.0′ S 177° 28.0′ E
Depth 1832 meters 21° 04.0′ S 179° 54.0′ E
Depth 1465 meters 21° 01.0′ S 176° 47.0′ E
Depth 1250 meters 21° 38.0′ S 179° 06.0′ E
Depth 1212 meters 18° 46.0′ S 177° 13.0′ E
Depth 1148 meters 21° 16.0′ S 176° 29.0′ E
Depth 1298 meters 20° 46.0′ S 177° 04.0′ E
Depth 948 meters 20° 07.0′ S 177° 03.0′ E
Depth 1406 meters 20° 15.0′ S 177° 39.0′ E
Depth 962 meters 18° 35.0′ S 179° 04.0′ E
Depth 1341 meters 18° 35.0′ S 179° 23.0′ E
Depth 1664 meters 18° 46.0′ S 179° 17.0′ E
Depth 1335 meters 19° 08.0′ S 179° 26.0′ E
Depth 1270 meters 18° 26.0′ S 176° 42.0′ E
Depth 1189 meters 18° 26.0′ S 179° 59.0′ E
(NTM0038/2008)

83500 1Ed. 4/25/87 LAST NM 10/09 19/09
Add Danger circle [K1] "Volcanic activity (2009)"
20° 34.2′ S 175° 22.8′ W
(NTM0016/2009)

83500 1Ed. 4/25/87 LAST NM 19/09 22/09
Add Islet [K10] with legend "Volcanic Island
(2006)" 18° 59.8′ S 174° 46.0′ W
(14(140)07 Wellington)

★**83500** 1Ed. 4/25/87 LAST NM 22/09 4/10
Add "Depths to 503m rep (2009)" area bound by
shore and dashed-line greater arc of a circle,
radius 5 miles, centered 17° 01.0′ S 179° 59.0′ W
arc between 16° 56.0′ S 179° 58.3′ W
17° 00.4′ S 179° 55.8′ E

"Depths to 386m rep (2009)" area bound by
dashed-line circle, radius 7 miles, centered
17° 15.0′ S 173° 24.0′ W
"Depths to 459m rep (2009)" area bound by
dashed-line circle, radius 7 miles, centered
17° 34.0′ S 174° 43.0′ W
"Depths to 657m rep (2009)" area bound by
dashed-line circle, radius 5 miles, centered
18° 03.0′ S 173° 19.0′ W
"Depths to 514m rep (2009)" area bound by
dashed-line circle, radius 5 miles, centered
18° 05.0′ S 173° 41.0′ W
"Depths to 637m rep (2009)" area bound by
dashed-line circle, radius 5 miles, centered
19° 51.0′ S 178° 57.0′ W
"Depths to 567m rep (2009)" area bound by
dashed-line circle, radius 5 miles, centered
21° 19.0′ S 176° 59.0′ W
"Depths to 635m rep (2009)" area bound by
dashed-line circle, radius 5 miles, centered
21° 29.0′ S 178° 25.0′ W
"Depths to 642m rep (2009)" area bound by
dashed-line circle, radius 7 miles, centered
21° 39.0′ S 177° 19.0′ W
"Depths to 490m rep (2009)" area bound by
dashed-line circle, radius 8 miles, centered
15° 50.0′ S 179° 51.5′ E
"Depths to 514m rep (2009)" area bound by
dashed-line circle, radius 8 miles, centered
15° 59.0′ S 179° 26.0′ E

Depth 525 meters 17° 15.4′ S 173° 24.0′ W
Depth 469 meters 17° 35.2′ S 174° 43.4′ W
Depth 500 meters 18° 04.3′ S 173° 17.7′ W
Depth 551 meters 21° 26.9′ S 178° 32.2′ W
Depth 825 meters 21° 30.2′ S 178° 26.4′ W
(NTM0011/2009)

83500 1Ed. 4/25/87 LAST NM 4/10 7/10
Add "Shoal rep (2009)" area bound by dotted line joining
16° 43.0′ S 177° 09.5′ E
16° 43.0′ S 177° 20.0′ E
16° 35.0′ S 177° 29.0′ E
16° 40.0′ S 177° 34.5′ E
17° 00.0′ S 177° 16.0′ E
17° 00.0′ S 176° 53.0′ E
(NTM0011/2009)

★83555 4Ed. 9/8/84 NEW EDITION 47/84
(DMAHTC)

83555 4Ed. 9/8/84 LAST NM 47/84 2/85
Add Position circle "Raft" 18° 44.48′ N 174° 11.55′ W
(48(3195)84 Taunton)

83555 4Ed. 9/8/84 LAST NM 2/85 8/85
Add Position circle "Raft" 18° 44.48′ S 174° 11.55′ W
(Cancels 2/85-83555)
(48(3195)84 Taunton)

83555 4Ed. 9/8/84 LAST NM 8/85 33/85
Add Depth 6½ fathoms "Rep (1985)"
18° 44.09′ S 174° 02.17′ W
(22(1464)85 Taunton)

83555 4Ed. 9/8/84 LAST NM 33/85 34/85
Change Islet radius to 0.02 mile "Rep (1976)" centered 18° 42′ 48″S 174° 05′ 12″W
(HNNM7524/85)

83555 4Ed. 9/8/84 LAST NM 34/85 4/88
Delete Light 18° 39.0′ S 173° 59.2′ W
(BA LL)

83555 4Ed. 9/8/84 LAST NM 4/88 43/90
Change Light to Q(3) 10s 195ft 10M 18° 42′ 58″S 174° 08′ 24″W
(BA LL)

83555 4Ed. 9/8/84 LAST NM 43/90 33/91
Substitute Depth 7 fathoms (PA) for 9 fathoms
18° 55.7′ S 174° 02.9′ W
(23(1668)91 Taunton)

83555 4Ed. 9/8/84 LAST NM 33/91 3/93
Add Lights
QR, Iso R 18° 38.9′ S 173° 59.7′ W
L Fl 12s 29ft 10M 18° 37.7′ S 174° 04.3′ W
(17(1266)92 Taunton)

83555 4Ed. 9/8/84 LAST NM 3/93 22/94
Add Position circle "FAD" (PA) 18° 32.7′ S 174° 04.2′ W
18° 34.0′ S 174° 19.0′ W
18° 41.4′ S 174° 10.9′ W

Note
"Fish Aggregating Devices (FAD) Mariners should exercise caution when navigating in Vava'u Group waters as FADs have been moored in outlying deep water locations. The FADs are unlit and painted orange; concentrations of fishing vessels may be found in their vicinity." 18° 35.0′ S 174° 15.0′ W
(10(77)94 Auckland)

83555 4Ed. 9/8/84 LAST NM 22/94 10/05
Delete Legend "Foul ground" 18° 40′ 25″S 173° 59′ 44″W

Substitute Depth 3 fathoms for 2¾ fathoms
18° 39′ 00″S 174° 00′ 02″W

Add Position circle "Tr (R Lts) (262)"
18° 38′ 39″S 173° 58′ 35″W
Legend "Marine farms" 18° 40′ 24″S 173° 59′ 44″W

Dashed line between 18° 40′ 09″S 173° 59′ 38″W
18° 40′ 33″S 173° 59′ 38″W
(2(31)04 Wellington)

★83560 3Ed. 12/26/98 NEW EDITION 17/99
Delete Position circle and blue tint "FAD PA"
21° 11′ S 174° 53′ W
21° 11′ S 174° 55′ W
21° 21′ S 175° 01′ W
21° 21′ S 175° 02′ W
21° 00′ S 175° 20′ W
18° 47′ S 174° 44′ W
18° 41′ S 174° 11′ W
18° 33′ S 174° 04′ W
18° 34′ S 174° 19′ W
18° 33′ S 174° 21′ W

Position circle and blue tint "FAD"
21° 01′ S 175° 17′ W
21° 11′ S 175° 20′ W
21° 05′ S 174° 59′ W

R Bn (AERO) 21° 15′ S 175° 09′ W

Change Light to
Fl R 6s 4M 19° 46.3′ S 174° 21.7′ W
Fl G 5s 4M 19° 48.4′ S 174° 22.6′ W

Add Legend "CAUTION NO 6" 21° 06.2′ S 174° 51.7′ W
18° 45.0′ S 174° 41.0′ W
18° 31.3′ S 174° 11.7′ W

Light Fl 12s 10M 19° 57.3′ S 174° 41.3′ W
(NIMA; BA LL; NZ CH 8247, 8248)

83560 3Ed. 12/26/98 LAST NM 17/99 49/00
Change Light to Oc R 4s 10M 21° 20.4′ S 174° 57.3′ W

Legend at danger circle to "Volcanic activity Rep (1999)" 20° 51.5′ S 175° 33.1′ W
(35(327)99, 4(51)00 Wellington; BA LL)

83560 3Ed. 12/26/98 LAST NM 49/00 16/01
Add Dangerous wreck (Mast) [K25] 20° 08.3′ S 174° 55.5′ W
(4(58)00 Wellington)

83560 3Ed. 12/26/98 LAST NM 16/01 9/02
Add Legend "Volcanic Activity (2001)" 18° 19.1′ S 174° 21.1′ W
(2(27)02 Wellington)

83560 3Ed. 12/26/98 LAST NM 9/02 6/05
Delete Period from light 21° 20.4′ S 174° 57.3′ W
(3(41)04 Wellington)

83560 3Ed. 12/26/98 LAST NM 6/05 34/05
Delete Light 21° 04.0′ S 175° 19.7′ W
(10(103)05 Wellington)

83560 3Ed. 12/26/98 LAST NM 34/05 51/06
Add Island point enclosed by danger circle [K1] with legend "Volcanic Activity (2006)" centered 18° 57.4′ S 174° 46.2′ W
(NTM0045/2006)

83560 3Ed. 12/26/98 LAST NM 51/06 13/07
Change Legend "Volcanic Activity (2006)" to "Volcanic Activity (2006)" (PA) 18° 57.4′ S 174° 46.2′ W
(See 51/06-83560)
(NTM0045/2006)

83560 3Ed. 12/26/98 LAST NM 13/07 19/09
Change Legend to "Active volcano (2009)" 20° 35.0′ S 175° 20.0′ W
(NTM0016/2009)

83560 3Ed. 12/26/98 LAST NM 19/09 22/09
Add Islet [K10] with legend "Volcanic Island (2006)" 18° 59.8′ S 174° 46.0′ W and extend danger circle SE to enclose
(14(140)07 Wellington)

★83560 3Ed. 12/26/98 LAST NM 22/09 4/10
Add "Depths to 657m rep (2009)" area bound by dashed-line circle, radius 5 miles, centered
18° 03.0′ S 173° 19.0′ W
"Depths to 514m rep (2009)" area bound by dashed-line circle, radius 5 miles, centered
18° 05.0′ S 173° 41.0′ W

(continued on next page)

83560 (Continued) 4/10
Depth 500 meters enclosed by depth contour
(2000-meter) centered 18° 04.3′ S 173° 17.7′ W
(NTM0011/2009)

★83563 7Ed. 10/2/82 NEW EDITION 48/82
(DMAHTC)

83563 7Ed. 10/2/82 LAST NM 48/82 40/92
Change Characteristic of light to Fl(2) 5s
20° 16′ 03″S 174° 49′ 15″W
(MCC1157/92)

83563 7Ed. 10/2/82 LAST NM 40/92 3/93
(Plan Nomuka Harbor)
Change Light to Fl(2) 30ft 10M 20° 16′ 03″S 174° 49′ 15″W
(Cancels 40/92-83563)
(MCC1157/92)

83563 7Ed. 10/2/82 LAST NM 3/93 4/93
(Plan Eua Island)
Add Light L Fl 12s 13ft 10M, Fl G 5s 10ft 3M
21° 20′ 20″S 174° 57′ 27″W
(25(1835)92 Taunton)

83563 7Ed. 10/2/82 LAST NM 4/93 34/95
(Plan Eua Island)
Change Light to L Fl 12s 13ft 10M 21° 20′ 20″S 174° 57′ 27″W
(23(181)95 Auckland)

★83563 7Ed. 10/2/82 LAST NM 34/95 48/95
Delete Plan (Eua Island)
(DMA)

★83567 3Ed. 8/7/93 NEW EDITION 47/93
(And Plan)
Change Sectors of light to white 273° -278°,
red-273° 21° 06′ 12″S 175° 11′ 30″W
(DMAHTC; BA LL)

83567 3Ed. 8/7/93 LAST NM 47/93 48/93
Relocate Buoy "1" close S to 21° 00′ 13″S 175° 10′ 27″W
(40(280)93 Auckland)

83567 3Ed. 8/7/93 LAST NM 48/93 52/93
Relocate Beacon (Fl 4s) close NW to 21° 02′ 56″S 175° 12′ 10″W
and delete legend "PA"

Add Depth
4.9 meters 21° 03′ 22″S 175° 12′ 09″W
4.8 meters 21° 03′ 26″S 175° 13′ 20″W
(41(285)93 Auckland)

83567 3Ed. 8/7/93 LAST NM 52/93 3/94
(And Plan)
Add Stranded wreck 21° 08′ 18.7″S 175° 10′ 08.1″W

(Plan)
Delete Light 21° 06′ 57″S 175° 09′ 32″W

Substitute Light Fl G 4s 3m 1M for beacon
21° 07′ 08″S 175° 09′ 16″W

Change Buoy to black can 21° 06′ 44″S 175° 08′ 42″W

Add Beacon R, can topmark 21° 07′ 17.2″S 175° 09′ 21.4″W
(BA CH 2363)

83567 3Ed. 8/7/93 LAST NM 3/94 10/94
(Plan)
Add Dangerous wreck 21° 07′ 46.5″S 175° 09′ 47.0″W
(2(31)94 Auckland)

83567 3Ed. 8/7/93 LAST NM 10/94 22/94
Relocate Buoy "1"
(21° 00′ 13′ ′ S 175° 10′ 27′ ′ W) to
20° 59′ 58″S 175° 10′ 25″W
(Supersedes 48/93-83567)

Add Position circle "FAD" (PA) 21° 00.4′ S 175° 20.1′ W
21° 10.4′ S 174° 53.7′ W
21° 20.8′ S 175° 01.6′ W

Note
"Fish Aggregating Devices (FAD)
Mariners should exercise caution when navigating in Tongatapu Group waters as FADs have been moored in outlying deep water locations. The FADs are unlit and painted orange; concentrations of fishing vessels may be found in their vicinity." 21° 13.0′ S 175° 08.0′ W
(10(76, 77), 12(92)94 Auckland)

83567 3Ed. 8/7/93 LAST NM 22/94 48/94
Add Position circle
"FAD" 21° 01′ 14″S 175° 16′ 40″W
"FAD" 21° 05′ 20″S 174° 59′ 20″W
"FAD" (PA) 21° 21′ 30″S 175° 02′ 00″W

Pilot station symbol with legend
"Inner Pilot Station" 21° 03′ 21″S 175° 13′ 04″W
(40(298)94 Auckland)

83567 3Ed. 8/7/93 LAST NM 48/94 51/94
Substitute Depth 13.3 meters for
20 meters 21° 01′ 20″S 175° 06′ 40″W

Add Depth 10.8 meters 21° 00′ 49″S 175° 06′ 38″W
(MCC1306/94)

83567 3Ed. 8/7/93 LAST NM 51/94 1/95
(Plan)
Delete Bn 21° 07′ 03″S 175° 09′ 44″W

Substitute Depth
3.6 meters for 5.5 meters 21° 06′ 58″S 175° 09′ 45″W
6.4 meters for 9.1 meters 21° 05′ 33″S 175° 09′ 05″W

Add Beacon R, can topmark 21° 07′ 02.0″S 175° 09′ 51.5″W
(47(346)94 Auckland)

83567 3Ed. 8/7/93 LAST NM 1/95 3/95
Substitute Depth 3 meters for 3.6 meters 21° 01′ 03″S 175° 09′ 52″W

Add Depth
19.8 meters 20° 59′ 29″S 175° 06′ 43″W
17.3 meters 21° 00′ 48″S 175° 07′ 02″W
(48(352)94 Auckland)

83567 3Ed. 8/7/93 LAST NM 3/95 4/95
Add Depth
8.5 meters 21° 00′ 33″S 175° 13′ 15″W
8.2 meters 21° 00′ 26″S 175° 13′ 18″W
(49(363)94 Auckland)

83567 3Ed. 8/7/93 LAST NM 4/95 7/95
Delete Green tint area (swept area) and
green dashed lines (2) between 21° 02′ 25″S 175° 15′ 58″W
21° 03′ 40″S 175° 13′ 36″W
Note: Recommended track remains

Add Depth 8.5 meters 21° 02′ 29″S 175° 14′ 44″W
Light Fl 15s 10m 10M 21° 08′ 52″S 175° 01′ 56″W
(1(20, 21)95 Auckland)

83567 3Ed. 8/7/93 LAST NM 7/95 34/95
Change Light to L Fl 12s 4m 10M 21° 20.4′ S 174° 57.3′ W
(23(181)95 Auckland)

83567 3Ed. 8/7/93 LAST NM 34/95 21/96
Delete R Bn (AERO) (PA) 21° 11.2′ S 175° 12.6′ W
(BA RA)

83567 3Ed. 8/7/93 LAST NM 21/96 15/97
Add Dangerous wreck (PA) 21° 03′ 54″S 175° 13′ 22″W
(7(70)97 Auckland)

83567 3Ed. 8/7/93 LAST NM 15/97 33/97
Delete Depth 20 meters 21° 02′ 00″S 175° 12′ 13″W

Add Depth 4.9 meters 21° 02′ 06″S 175° 12′ 15″W
(27(233)97 Auckland)

83567 3Ed. 8/7/93 LAST NM 33/97 38/97
Delete Topmark from buoy "3" 21° 02′ 48″S 175° 12′ 30″W

Change Buoys, each to G, conical
"1" Fl 5s 20° 59′ 58″S 175° 10′ 25″W
"2" Fl G 5s 21° 01′ 36″S 175° 11′ 30″W

Add Depth 4.9 meters Wk marked by
buoy Y, spherical 21° 03′ 41″S 175° 13′ 18″W
(31(269)97 Auckland)

83567 3Ed. 8/7/93 LAST NM 38/97 52/97
(And Plan)
Add Dangerous wreck 21° 07′ 44″S 175° 11′ 47″W
(46(385)97 Auckland)

83567 3Ed. 8/7/93 LAST NM 52/97 29/98
(Plan)
Delete Bn 21° 06′ 44″S 175° 08′ 32″W
21° 06′ 40″S 175° 08′ 54″W

Buoy 21° 06′ 26″S 175° 08′ 58″W
(20(179)98 Auckland)

83567 3Ed. 8/7/93 LAST NM 29/98 49/00
Delete Position circle "FAD" (PA) 21° 00′ 24″S 175° 20′ 06″W

Change Light to Oc R 4s 10M 21° 20′ 24″S 174° 57′ 18″W
(35(327)99, 4(51)00 Wellington; BA LL)

83567 3Ed. 8/7/93 LAST NM 49/00 14/01
Add Position circle "R Mast (R Lts)"
21° 08′ 12″S 175° 11′ 43″W

(Plan)
Add Position circle "R Mast (R Lts) (61)"
21° 08′ 11.7″S 175° 11′ 42.6″W
(32(301)99 Wellington)

★**83567** 3Ed. 8/7/93 LAST NM 14/01 43/04
Delete Buoy "1" 20° 59′ 58″S 175° 10′ 25″W

Range lights (2), range line and legend
"Lts in line 236°" between 21° 04′ 11″S 175° 15′ 20″W
21° 02′ 26″S 175° 12′ 29″W

Buoy "3" 21° 02′ 48″S 175° 12′ 28″W
Light 21° 08′ 09″S 175° 10′ 45″W

Substitute Dashed line (recommended route) [M4] for
solid line between 21° 02′ 26″S 175° 12′ 29″W
21° 02′ 03″S 175° 11′ 52″W

Add Depth 2 meters 21° 02′ 48″S 175° 12′ 30″W
Depth 6 meters 21° 03′ 24″S 175° 13′ 24″W

(Plan)
Delete Light 21° 08′ 09.4″S 175° 10′ 45.4″W
(NTM0022/2004)

83567 3Ed. 8/7/93 LAST NM 43/04 6/05
Delete Period from light 21° 20′ 24″S 174° 57′ 18″W
(3(41)04 Wellington)

83567 3Ed. 8/7/93 LAST NM 6/05 34/05
Delete Light 21° 03′ 59″S 175° 19′ 55″W
(10(103)05 Wellington)

83567 3Ed. 8/7/93 LAST NM 34/05 11/06
(Plan)
Add Chartlet, depicting changes in hydrography,
topography and aids to navigation, from
Subsection I-2 21° 08′ 16.0″S 175° 10′ 49.0″W
(18(164)05 Wellington)

83567 3Ed. 8/7/93 LAST NM 11/06 44/07
(Plan)
Change Light to Fl G 3s 3m 4M 21° 08′ 17.0″S 175° 10′ 37.0″W
Light to Fl R 3s 3m 4M 21° 08′ 16.0″S 175° 10′ 35.0″W
(See 11/06-83567)
(14(139)07 Wellington)

83567 3Ed. 8/7/93 LAST NM 44/07 21/09
Add Depth 16.4 meters Wk [K26] 21° 07′ 13″S 175° 11′ 52″W
(Plan)
Add Depth 16.4 meters Wk [K26]
21° 07′ 12.6″S 175° 11′ 51.6″W
(9(102)09 Wellington)

83567 3Ed. 8/7/93 LAST NM 21/09 28/13
(Plan)
Delete Legend "Vuna Wharf" 21° 07′ 50.0″S 175° 11′ 55.0″W

Add Light Fl R 21° 07′ 48.8″S 175° 11′ 47.9″W
Light Fl G 21° 07′ 46.2″S 175° 11′ 51.0″W
Legend "Vuna Wharf" 21° 07′ 58.5″S 175° 11′ 54.5″W

Land tint to area (wharf) [F13] bound by shore
and solid line joining 21° 08′ 00.0″S 175° 11′ 48.5″W
21° 07′ 53.3″S 175° 11′ 44.5″W
21° 07′ 49.3″S 175° 11′ 48.8″W
21° 07′ 53.5″S 175° 11′ 51.6″W
21° 07′ 49.9″S 175° 11′ 57.5″W
21° 07′ 51.6″S 175° 11′ 58.7″W
and delete land tint area seaward of above

Double solid line with land tint
(pier extension) [F14] joining
21° 07′ 51.0″S 175° 11′ 48.7″W
21° 07′ 48.8″S 175° 11′ 47.9″W
21° 07′ 46.2″S 175° 11′ 51.0″W
(10(101)13 Wellington)

★**83570** 2Ed. 6/15/96 NEW EDITION 31/96
Delete Position circle 17° 47.2′ S 177° 25.2′ E

Change Characteristic of range light,
front to FG (Neon) 17° 40.8′ S 178° 50.1′ E
rear to FG (Neon) 17° 41.0′ S 178° 49.8′ E
and add light flare symbol

Legend to "Lts 010° 15′ " 18° 16.2′ S 178° 22.5′ E

Add Range line extending in 257° 17′
direction from rear light 17° 54.7′ S 177° 17.6′ E
dashed for 3.9 miles, thence
solid for 9 miles

Legend "Lts 077° 17′ " along above
range line 17° 57.4′ S 177° 04.5′ E
(DMA; BA CH 1670; BA LL)

83570 2Ed. 6/15/96 LAST NM 31/96 39/96
Delete Beacon 17° 36.3′ S 177° 24.2′ E

Add Light
Fl 5s 8m 6M 17° 40.4′ S 177° 20.2′ E
Fl 3s 7m 6M 17° 46.2′ S 177° 17.7′ E
Fl(4) 6s 7m 6M 17° 36.2′ S 177° 24.2′ E
(32(2721)96 Taunton)

83570 2Ed. 6/15/96 LAST NM 39/96 8/99
Add Depth 19.1 meters 17° 35.4′ S 177° 16.3′ E
(46(4162)98 Taunton)

83570 2Ed. 6/15/96 LAST NM 8/99 53/00
Add Submarine cable [L30.1] joining 18° 11.2′ S 178° 30.8′ E
18° 12.2′ S 178° 30.5′ E
18° 13.2′ S 178° 30.3′ E
18° 16.3′ S 178° 31.5′ E
(NTM0052/2000)

83570 2Ed. 6/15/96 LAST NM 53/00 21/01
Delete Light 17° 46.2′ S 177° 17.7′ E
(BA LL)

83570 2Ed. 6/15/96 LAST NM 21/01 39/01
Delete Light 17° 40.4′ S 177° 20.2′ E
(BA LL)

83570 2Ed. 6/15/96 LAST NM 39/01 5/02
Add Light AERO Fl 7s 3m 5M (PA) 17° 47.4′ S 177° 12.8′ E
(29(2941), 45(4500)01 Taunton; NZ LL)

83570 2Ed. 6/15/96 LAST NM 5/02 24/02
Add Submarine cable [L30.1] joining 18° 10.9′ S 178° 28.2′ E
18° 12.5′ S 178° 27.5′ E
18° 14.7′ S 178° 27.0′ E
18° 17.0′ S 178° 25.2′ E
18° 19.2′ S 178° 24.3′ E
(NTM0052/2000)

83570 2Ed. 6/15/96 LAST NM 24/02 34/04
Change Characteristic of light to Fl R 3s 18° 08.4′ S 178° 23.8′ E
Characteristic of light to Fl G 5s 18° 08.0′ S 178° 24.4′ E

Characteristic of range light, front to Q Bu
18° 06.6′ S 178° 24.5′ E
Characteristic of range light, rear to Iso Bu 4s
18° 05.9′ S 178° 24.6′ E
(BA LL)

83570 2Ed. 6/15/96 LAST NM 34/04 15/05
Add Submarine cable [L30.1] joining 18° 10.0′ S 178° 28.1′ E
18° 17.0′ S 178° 25.2′ E
18° 25.8′ S 178° 21.3′ E
(5(55)04 Wellington)

83570 2Ed. 6/15/96 LAST NM 15/05 27/06
Change Characteristic of range light, front to F Bu
17° 40.8′ S 178° 50.1′ E
Characteristic of range light, rear to F Bu
17° 41.0′ S 178° 49.8′ E
(23(2688)06 Taunton)

83570 2Ed. 6/15/96 LAST NM 27/06 10/09
Add Depth 1270 meters 18° 26.0′ S 176° 42.0′ E
Depth 1212 meters 18° 46.0′ S 177° 14.5′ E
(NTM0038/2008)

★83570 2Ed. 6/15/96 LAST NM 10/09 7/10
Add "Shoal rep (2009)" area bound by dotted line
joining 16° 43.0′ S 177° 09.5′ E
16° 43.0′ S 177° 20.0′ E
16° 35.0′ S 177° 29.0′ E
16° 40.0′ S 177° 34.5′ E
17° 00.0′ S 177° 16.0′ E
17° 00.0′ S 176° 53.0′ E
(NTM0011/2009)

83570 2Ed. 6/15/96 LAST NM 7/10 4/11
Change Characteristic of light to Fl R 5s 17° 55.3′ S 177° 12.8′ E
(25(213)10 Wellington)

★83572 2Ed. 7/17/10 NEW EDITION N42/10
(NGA)

★83574 3Ed. 9/4/10 NEW EDITION N49/10
(NGA)

83574 3Ed. 9/4/10 LAST NM N49/10 N4/11
(Panel B)
Change Characteristic of light to Fl R 5s
17° 55′ 24.0″S 177° 12′ 45.0″E
(25(213)10 Wellington)

★83580 2Ed. 5/18/96 NEW EDITION 33/96
Change Characteristic of range light,
front to FG (Neon) 17° 40.6′ S 178° 50.2′ E
rear to FG (Neon) 17° 40.7′ S 178° 50.0′ E
(DMA; BA LL)

83580 2Ed. 5/18/96 LAST NM 33/96 3/98
(Inset)
Add Legend "Rep to lie 2 miles SW (1997)"
21° 02.5′ S 178° 55.0′ W
(34(3083)97 Taunton)

83580 2Ed. 5/18/96 LAST NM 3/98 44/99
Delete Depth 225 meters 18° 09.8′ S 178° 19.0′ W

Add Depth 4.9 meters [I4] (PA) enclosed by
dotted-line circle with blue tint 18° 40.0′ S 178° 18.0′ W
(30(2667)98 Taunton)

83580 2Ed. 5/18/96 LAST NM 44/99 53/00
Add Submarine cable [L30.1] joining 18° 11.2′ S 178° 30.8′ E
18° 12.2′ S 178° 30.5′ E
18° 13.2′ S 178° 30.3′ E
18° 16.3′ S 178° 31.5′ E
(NTM0052/2000)

83580 2Ed. 5/18/96 LAST NM 53/00 16/01
Delete Depth 10.9 meters, blue tint, enclosing depth
contour (20-meter) and legend "Foul ground"
in vicinity 18° 10.5′ S 178° 18.7′ W

Add Depth 7.6 meters, blue tint and enclosing depth
contour (20-meter) 18° 10.0′ S 178° 18.7′ W
(32(3003)99 Taunton; BA CH 441)

83580 2Ed. 5/18/96 LAST NM 16/01 12/02
Add Danger circle [K1] "Volcanic Activity Rep
(2001)" 18° 46.5′ S 179° 10.8′ E
(3(34)02 Wellington)

83580 2Ed. 5/18/96 LAST NM 12/02 24/02
Add Submarine cable [L30.1] joining 18° 10.9′ S 178° 28.2′ E
18° 11.6′ S 178° 28.0′ E
18° 12.5′ S 178° 27.5′ E
18° 14.7′ S 178° 27.0′ E
18° 17.0′ S 178° 25.2′ E
18° 19.2′ S 178° 24.3′ E
(NTM0052/2000)

83580 2Ed. 5/18/96 LAST NM 24/02 8/03
Delete Depth 17.6 meters, blue tint and enclosing
danger circle centered 18° 30.2′ S 178° 27.3′ W

Depth 274 meters (no bottom found)
18° 28.9′ S 178° 32.5′ W
Depth 274 meters (no bottom found)
18° 31.0′ S 178° 32.7′ W
Depth 274 meters (no bottom found)
18° 33.1′ S 178° 33.0′ W

Add Depth 702 meters 18° 31.3′ S 178° 27.0′ W
Depth 404 meters 18° 33.0′ S 178° 24.0′ W
Depth 754 meters 18° 29.6′ S 178° 22.5′ W
Depth 465 meters 18° 25.7′ S 178° 18.1′ W
Depth 719 meters 18° 23.5′ S 178° 21.3′ W
Depth 682 meters 18° 22.4′ S 178° 24.2′ W
Depth 366 meters 18° 22.7′ S 178° 32.7′ W
Depth 896 meters 18° 24.8′ S 178° 38.2′ W
Depth 791 meters 18° 27.7′ S 178° 36.3′ W
Depth 483 meters 18° 26.7′ S 178° 34.0′ W
Depth 896 meters 18° 30.8′ S 178° 36.1′ W
Depth 690 meters 18° 31.8′ S 178° 33.0′ W
Depth 599 meters 18° 33.6′ S 178° 31.8′ W
(46(4246)99 Taunton)

83580 2Ed. 5/18/96 LAST NM 8/03 45/03
Add Stranded wreck [K24] 18° 14.1′ S 179° 18.4′ E
(19(127)03 Wellington)

83580 2Ed. 5/18/96 LAST NM 45/03 23/04
Substitute Depth 8.8 meters for 5.5 meters 17° 53.8′ S 178° 56.1′ W
(36(3360)99 Taunton)

83580 2Ed. 5/18/96 LAST NM 23/04 34/04
Change Characteristic of light to Fl R 3s 18° 08.2′ S 178° 23.6′ E
Characteristic of light to Fl G 5s 18° 07.8′ S 178° 24.2′ E

Characteristic of range light, front to Q Bu
18° 06.4′ S 178° 24.3′ E
Characteristic of range light, rear to Iso Bu 4s
18° 05.7′ S 178° 24.4′ E
(BA LL)

83580 2Ed. 5/18/96 LAST NM 34/04 15/05
Add Submarine cable [L30.1] joining 18° 10.0′ S 178° 28.1′ E
18° 17.0′ S 178° 25.2′ E
18° 25.8′ S 178° 21.3′ E
(5(55)04 Wellington)

83580 2Ed. 5/18/96 LAST NM 15/05 27/06
Change Characteristic of range light, front to F Bu
17° 40.6′ S 178° 50.2′ E
Characteristic of range light, rear to F Bu
17° 40.7′ S 178° 50.0′ E
(23(2688)06 Taunton)

83580 2Ed. 5/18/96 LAST NM 27/06 10/09
Add Depth 780 meters 17° 54.0′ S 179° 20.0′ E
Depth 1189 meters 18° 26.5′ S 179° 58.5′ E
Depth 962 meters 18° 35.0′ S 179° 04.0′ E
Depth 1341 meters 18° 35.0′ S 179° 23.0′ E
Depth 1664 meters 18° 46.0′ S 179° 17.0′ E
Depth 1335 meters 19° 08.0′ S 179° 26.5′ E
Depth 567 meters 19° 14.0′ S 179° 41.0′ E
(NTM0038/2008)

★83580 2Ed. 5/18/96 LAST NM 10/09 4/10
Add "Depths to 248fms rep (2009)" area bound by dashed-line circle, radius 5 miles, centered 19° 51.0′ S 178° 57.0′ W
(NTM0011/2009)

★83590 1Ed. 1/31/87 NEW CHART 14/87
(DMAHTC)

83590 1Ed. 1/31/87 LAST NM 14/87 20/87
Change Characteristic of light to Fl 10s 17° 23.8′ S 179° 22.2′ E
(BA LL)

83590 1Ed. 1/31/87 LAST NM 20/87 26/89
Add Depth 1.6 meters 16° 20.8′ S 179° 23.3′ E
(11(921)89 Taunton)

★83590 1Ed. 1/31/87 LAST NM 26/89 28/89
Change Longitude limit in upper right corner along neatline of border to "177° 34′ 00″ W"
(MCNM8186/89)

83590 1Ed. 1/31/87 LAST NM 28/89 52/93
Add Pilot station symbol 17° 40.8′ S 178° 52.0′ E
(BA CH 1244)

83590 1Ed. 1/31/87 LAST NM 52/93 23/94
Change Light to Fl(2) 10s 62m 18M and obscured sector to shore-250° 17° 23.8′ S 179° 22.0′ E
(8(699)94 Taunton; BA LL)

83590 1Ed. 1/31/87 LAST NM 23/94 16/95
Add Racon at light 16° 45.2′ S 179° 06.3′ W
(BA RA)

83590 1Ed. 1/31/87 LAST NM 16/95 37/95
Change Characteristic of light to Fl(2) 10s 17° 34.0′ S 178° 50.8′ E
(BA LL)

83590 1Ed. 1/31/87 LAST NM 37/95 47/95
Add Depth 11.9 meters 15° 56.5′ S 179° 17.1′ W
(39(306)95 Auckland)

83590 1Ed. 1/31/87 LAST NM 47/95 31/96
Change Characteristic of range light,
front to FG (Neon) 17° 41.0′ S 178° 50.2′ E
rear to FG (Neon) 17° 41.0′ S 178° 50.0′ E
(BA LL)

83590 1Ed. 1/31/87 LAST NM 31/96 43/96
Change Period of light to 7s 16° 45.2′ S 179° 06.3′ W
(BA LL)

83590 1Ed. 1/31/87 LAST NM 43/96 36/97
Change Period of light to 5s 16° 45.2′ S 179° 06.3′ W
(Supersedes 43/96-83590)
(BA LL)

83590 1Ed. 1/31/87 LAST NM 36/97 45/97
Delete Depth 64 meters 16° 39.3′ S 179° 49.9′ W

Add Dangerous submerged rock 16° 39.1′ S 179° 50.0′ W
Depth 22 meters 16° 32.9′ S 179° 24.3′ W
(27(2382)97 Taunton)

83590 1Ed. 1/31/87 LAST NM 45/97 1/98
Change Height of light to 49m 16° 07.8′ S 179° 57.2′ W
(Fr LL)

83590 1Ed. 1/31/87 LAST NM 1/98 30/98
Change Height of light to 33m 16° 05.5′ S 179° 09.0′ W
(BA LL)

83590 1Ed. 1/31/87 LAST NM 30/98 41/98
Delete Depth 14.6 meters "Rep (1981)" 16° 00.0′ S 179° 17.1′ W

Substitute Depth 11.5 meters for 11.9 meters 15° 56.5′ S 179° 17.1′ W
(33(2948)98 Taunton)

83590 1Ed. 1/31/87 LAST NM 41/98 14/99
Delete Depth 9.1 meters "Rep (1980)" 17° 00.0′ S 178° 46.5′ W

Substitute Depth
16 meters for 18 meters "Rep (1987)" 17° 08.2′ S 178° 33.3′ W
11.1 meters for 14.6 meters 16° 56.2′ S 178° 48.2′ W

Change Height of islet to 1.7 meters 17° 25.2′ S 179° 18.4′ W

Add Dangerous submerged rock 17° 03.5′ S 178° 56.9′ W

Depth
24.5 meters 16° 52.5′ S 178° 43.1′ W
6 meters 16° 59.9′ S 178° 46.8′ W
(Fiji CH 53)

83590 1Ed. 1/31/87 LAST NM 14/99 33/99
Add Chartlet A, depicting changes in hydrography, from Subsection I-2 17° 00′ 00″ S 179° 00′ 00″ W
Chartlet B, depicting changes in hydrography, from Subsection I-2 17° 00′ 00″ S 178° 40′ 00″ W
(Fiji CH 53)

83590 1Ed. 1/31/87 LAST NM 33/99 45/03
Add Stranded wreck [K24] 16° 43′ 42″ S 179° 45′ 39″ W
(19(127)03 Wellington)

83590 1Ed. 1/31/87 LAST NM 45/03 46/05
Substitute Depth 22 meters for 33 meters 16° 41.0′ S 178° 37.8′ W
(NTM0031/2005)

83590 1Ed. 1/31/87 LAST NM 46/05 27/06
Change Characteristic of range light, front to F Bu 17° 41.0′ S 178° 50.2′ E
Characteristic of range light, rear to F Bu 17° 41.0′ S 178° 50.0′ E
(23(2688)06 Taunton)

★83590 1Ed. 1/31/87 LAST NM 27/06 4/10
Add "Depths to 503m rep (2009)" area bound by shore and dashed-line greater arc of a circle, radius 5 miles, centered 17° 01′ 00″ S 179° 59′ 00″ W
arc between 16° 56′ 00″ S 179° 58′ 15″ W
17° 00′ 25″ S 179° 55′ 50″ E

"Depths to 490m rep (2009)" area bound by dashed-line circle, radius 8 miles, centered 15° 50′ 00″ S 179° 51′ 30″ E
"Depths to 514m rep (2009)" area bound by dashed-line circle, radius 8 miles, centered 15° 59′ 00″ S 179° 26′ 00″ E
(NTM0011/2009)

★83633 4Ed. 2/8/97 NEW EDITION 18/97
(NOS)

83633 4Ed. 2/8/97 LAST NM 18/97 27/97
Change Designation of buoy "A" to "R" 16° 40.3′ N 169° 32.7′ W
(NOS)

83633 4Ed. 2/8/97 LAST NM 27/97 40/01
Delete Buoy "R" 16° 40.3′ N 169° 32.8′ W
(35/01 CG14)

★83633 5Ed. 2/06 NEW EDITION 16/06
(NOS)

83633 5Ed. 2/06 LAST NM 16/06 25/09
Delete Range lights (2) and range line between 16° 45.1′ N 169° 31.1′ W
16° 42.7′ N 169° 31.1′ W
(21/09 CG14)

83633 5Ed. 2/06 LAST NM 25/09 29/09
Delete R Bn (AERO) 16° 43.9′ N 169° 32.0′ W
(NOS)

★83637 4Ed. 1/31/98 NEW EDITION 16/98
(Plan B)
Delete Beacon "12" 16° 44′ 06″N 169° 31′ 01″W
(NOS; 9/98 CG14)

★83637 4Ed. 1/31/98 LAST NM 16/98 27/98
(Plan B)
Add Buoy "12" R, nun 16° 44′ 05.3″N 169° 31′ 01.1″W
(21/98 CG14)

★83637 4Ed. 1/31/98 LAST NM 27/98 40/01
(Plan A)
Delete Buoy "R" 16° 40′ 12″N 169° 32′ 45″W
(35/01 CG14)

★83637 4Ed. 1/31/98 LAST NM 40/01 37/04
Delete Buoy "16" 16° 44′ 30.0″N 169° 31′ 01.0″W
(31/04 CG14)

★83637 4Ed. 1/31/98 LAST NM 37/04 38/04
(Plan B)
Add Beacon (articulated) "16" R
16° 44′ 30.1″N 169° 31′ 00.9″W
(Supersedes 37/04-83637)
(33/04 CG14)

★83637 4Ed. 1/31/98 LAST NM 38/04 22/06
(Plan B)
Delete Beacon (articulated) "11" 16° 44′ 05.2″N 169° 31′ 05.5″W

Add Buoy "11" G, can 16° 44′ 08.4″N 169° 31′ 06.3″W
(35/05 CG14)

★83637 4Ed. 1/31/98 LAST NM 22/06 25/09
Delete Range lights (2) and range line between
16° 44′ 58″N 169° 31′ 04″W
16° 42′ 57″N 169° 31′ 03″W

Buoy "11"	16° 44′ 08″N 169° 31′ 06″W
Buoy "12"	16° 44′ 05″N 169° 31′ 01″W
Buoy "4"	16° 43′ 16″N 169° 31′ 01″W
Buoy "5"	16° 43′ 31″N 169° 31′ 06″W
Buoy "2"	16° 42′ 44″N 169° 31′ 01″W
Buoy "17"	16° 44′ 22″N 169° 31′ 21″W
Buoy "18"	16° 44′ 37″N 169° 31′ 20″W
Buoy "20"	16° 44′ 26″N 169° 31′ 42″W
Buoy "22"	16° 44′ 14″N 169° 32′ 01″W
Beacon "16"	16° 44′ 30″N 169° 31′ 01″W
Beacon "10"	16° 43′ 54″N 169° 31′ 01″W
Beacon "13"	16° 44′ 14″N 169° 31′ 10″W
Beacon "14"	16° 44′ 18″N 169° 31′ 01″W
Beacon "6"	16° 43′ 31″N 169° 31′ 01″W
Beacon "7"	16° 43′ 44″N 169° 31′ 06″W
Beacon "9"	16° 43′ 54″N 169° 31′ 06″W
Beacon "23"	16° 44′ 00″N 169° 32′ 05″W

(Plan B)
Delete Range lights (2) and range line between
16° 44′ 57.7″N 169° 31′ 03.6″W
16° 42′ 38.0″N 169° 31′ 03.7″W
(21/09 CG14)

★83637 4Ed. 1/31/98 LAST NM 25/09 29/09
Delete R Bn (AERO) 16° 43′ 52″N 169° 31′ 59″W
Note B 16° 38′ 00″N 169° 36′ 44″W

(Plan B)
Delete R Bn (AERO) 16° 43′ 52.5″N 169° 31′ 59.3″W

Radio reporting point symbol and legend "See
Note B" 16° 41′ 43.0″N 169° 31′ 03.0″W
(NOS)

★**91004** 3Ed. 7/21/12 NEW EDITION 34/12
(NGA)

★**91005** 6Ed. 6/15/96 NEW EDITION 38/96
Change Light to Fl 22M 13° 13.7′ N 121° 49.0′ E
(Previously published 28/96)

Change Light to Fl(3) 23M 14° 23′ N 120° 35′ E
(Previously published 35/96)

Change Visibility (range) of light to 18M 11° 20.6′ N 124° 06.8′ E
Characteristic of light to Fl(3) 10° 25.1′ N 121° 55.2′ E
(Previously published 37/96)
(DMA)

91005 6Ed. 6/15/96 LAST NM 38/96 42/96
Change Characteristic of light to Fl 10° 25.1′ N 121° 55.2′ E
(See 38/96-91005)
(BA LL)

91005 6Ed. 6/15/96 LAST NM 42/96 47/96
Change Light to Fl(2) 16M 10° 28.9′ N 122° 28.3′ E
(BA LL)

91005 6Ed. 6/15/96 LAST NM 47/96 7/97
Change Characteristic of light to Fl 16° 19′ N 119° 47′ E
(BA LL)

91005 6Ed. 6/15/96 LAST NM 7/97 9/97
Change Visibility (range) of light to 23M 12° 50′ N 120° 46′ E
(GIMM010/97)

91005 6Ed. 6/15/96 LAST NM 9/97 10/97
Change Visibility (range) of light to 20M 15° 47′ N 119° 47′ E
(GIMM010/97)

91005 6Ed. 6/15/96 LAST NM 10/97 13/97
Change Visibility (range) of light to 9M 12° 50′ N 120° 46′ E
(Supersedes 9/97-91005)
(GIMM010/97)

91005 6Ed. 6/15/96 LAST NM 13/97 14/97
Change Characteristic of light to Fl 13° 53′ N 120° 01′ E
(GIMM010/97)

91005 6Ed. 6/15/96 LAST NM 14/97 1/98
Change Characteristic of light to
Fl(3) 10° 23′ N 124° 01′ E
Fl 13° 39′ N 124° 02′ E
Fl(3) 14° 45′ N 120° 11′ E
(GIMM066/97)

91005 6Ed. 6/15/96 LAST NM 1/98 29/98
Change Characteristic of light to Fl(3) 12° 50′ N 120° 46′ E
(GIMM066/97)

91005 6Ed. 6/15/96 LAST NM 29/98 39/99
Change Characteristic of light to Fl(3) 13° 35.9′ N 121° 15.7′ E
(4(Sect IV)98 Manila)

91005 6Ed. 6/15/96 LAST NM 39/99 51/99
Add Light Fl 16M 12° 47.9′ N 122° 01.0′ E
(37(3330)98 Taunton)

91005 6Ed. 6/15/96 LAST NM 51/99 14/00
Add Dangerous wreck 11° 13.9′ N 123° 32.0′ E
(12(61)99 Manila)

91005 6Ed. 6/15/96 LAST NM 14/00 15/00
Add Light Fl 17M 11° 18.1′ N 123° 53.5′ E
(5(12)99 Manila)

91005 6Ed. 6/15/96 LAST NM 15/00 16/00
Delete Light 9° 40.0′ N 123° 50.8′ E

Change Visibility (range) of light to 17M 9° 31.1′ N 123° 41.1′ E
(5(13, 17)99 Manila)

91005 6Ed. 6/15/96 LAST NM 16/00 30/00
Add Wreck [K29] 10° 20.0′ N 124° 06.0′ E
(2(4, Sect. IV)99 Manila)

91005 6Ed. 6/15/96 LAST NM 30/00 32/00
Add Wreck [K29] 13° 41.5′ N 120° 35.8′ E
(4(14)00 Manila)

91005 6Ed. 6/15/96 LAST NM 32/00 36/00
Change Light to Fl 17M 11° 53.4′ N 124° 16.6′ E
Light to Fl(3) 22M 14° 55.0′ N 120° 00.5′ E
(7(Sec IV)99 Manila)

91005 6Ed. 6/15/96 LAST NM 36/00 38/00
Change Light to Fl 9M 9° 55.5′ N 123° 20.5′ E
Light to Fl G 17M 11° 04.6′ N 123° 01.3′ E
Light to Fl 17M 10° 25.1′ N 121° 55.2′ E
Light to Fl 17M 12° 45.2′ N 124° 17.0′ E
Light to Fl 9M 10° 15.0′ N 124° 45.0′ E
Light to Fl 22M 16° 18.5′ N 119° 47.1′ E
(5(16, 18, 19), 7(Sec IV)99 Manila)

91005 6Ed. 6/15/96 LAST NM 38/00 39/00
Change Light to Fl 18M 14° 07.8′ N 123° 03.1′ E
Light to Fl 17M 12° 39.6′ N 120° 25.0′ E
(6(35, Sec IV)99 Manila; BA LL)

91005 6Ed. 6/15/96 LAST NM 39/00 41/00
Change Light to Fl(3) 20M 12° 36.1′ N 123° 14.2′ E
(48(4373)98 Taunton)

91005 6Ed. 6/15/96 LAST NM 41/00 42/00
Add Wreck [K29] 14° 28.5′ N 120° 21.9′ E
(9(46)99 Manila)

91005 6Ed. 6/15/96 LAST NM 42/00 35/01
Change Visibility (range) of light to 17M 11° 38.3′ N 123° 21.4′ E
(BA LL)

91005 6Ed. 6/15/96 LAST NM 35/01 37/01
Change Light to Fl 20M 10° 23.1′ N 124° 01.1′ E

Add Depth 7 fathoms "Rep (2001)", blue tint and enclosing depth contour (10-fathom)
10° 08.1′ N 118° 19.2′ E
(6(58)01 Manila; BA LL)

91005 6Ed. 6/15/96 LAST NM 37/01 7/02
Change Light to Fl 3M 10° 14.2′ N 123° 53.4′ E
(BA LL)

91005 6Ed. 6/15/96 LAST NM 7/02 10/02
Change Visibility (range) of light to 13M 10° 14.2′ N 123° 53.4′ E
Light to Fl R 15M 11° 29.2′ N 123° 43.6′ E
(See 7/02-91005)
(10(126), 11(145)01 Manila)

91005 6Ed. 6/15/96 LAST NM 10/02 11/02
Add Light Fl 15M 14° 57.8′ N 121° 34.0′ E
(12(162)01 Manila)

91005 6Ed. 6/15/96 LAST NM 11/02 45/02
Delete Dangerous submerged rock (ED) 9° 50.5′ N 116° 36.5′ E
Dangerous submerged rock (ED) 9° 47.0′ N 116° 40.8′ E
Dangerous submerged rock (ED) 9° 45.1′ N 116° 43.5′ E

Add Danger circle [K1] 11° 48.0′ N 117° 50.0′ E
Danger circle [K1] 11° 43.0′ N 117° 34.0′ E
(36(3833)02 Taunton)

91005 6Ed. 6/15/96 LAST NM 45/02 19/03
Change Visibility (range) of light to 15M 14° 29.8′ N 120° 55.0′ E
(BA LL)

91005 6Ed. 6/15/96 LAST NM 19/03 42/03
Change Characteristic of light to Fl(2) 11° 28.7′ N 123° 43.5′ E
(3(36)02 Manila)

91005 6Ed. 6/15/96 LAST NM 42/03 36/04
Add Depth 2 fathoms 4 feet "Rep (2003)" (PA), blue tint and enclosing depth contour (10-fathom) centered 10° 24.5′ N 119° 56.6′ E
(BA CH 3809)

91005 6Ed. 6/15/96 LAST NM 36/04 51/05
Change Visibility (range) of light to 17M 12° 28.7′ N 122° 17.2′ E
(BA LL)

91005 6Ed. 6/15/96 LAST NM 51/05 13/06
Change Light to Fl 22M 12° 39.7′ N 122° 09.1′ E
Light to Fl 15M 11° 29.3′ N 123° 43.5′ E

Add Light Fl R 7M 13° 39.4′ N 124° 22.5′ E
Light Fl 12M 14° 11.3′ N 121° 54.6′ E
(4(70, 72, 91, 98)02 Manila; BA LL)

91005 6Ed. 6/15/96 LAST NM 13/06 14/06
Change Light to Fl(3) 9M 9° 18.4′ N 126° 12.4′ E
Light to Fl(2) 22M 16° 18.5′ N 119° 48.0′ E

Add Light Fl 11° 46.0′ N 121° 50.6′ E
Light Fl R 10M 10° 54.9′ N 124° 24.9′ E
(5(102, 104, 114, 119)02 Manila; BA LL)

91005 6Ed. 6/15/96 LAST NM 14/06 41/06
Add Wreck [K29] 10° 15.5′ N 122° 29.2′ E
(8(153)06 Manila)

91005 6Ed. 6/15/96 LAST NM 41/06 42/06
Change Visibility (range) of light to 10M 9° 27.9′ N 123° 13.7′ E
Light to Fl 17M 13° 10.7′ N 124° 12.9′ E
Light to Fl 18M 10° 28.2′ N 123° 26.8′ E

Add Light Fl 10M 10° 55.0′ N 124° 41.6′ E
Light Fl 10M 10° 00.6′ N 123° 19.2′ E
Light Fl G 7M 12° 34.9′ N 122° 15.9′ E
(4(21, 24, 27, 28, 30, 38)01 Manila)

91005 6Ed. 6/15/96 LAST NM 42/06 47/06
Add Light Fl G 6M 9° 39.5′ N 123° 49.6′ E
Light Fl 8M 11° 08.8′ N 120° 56.4′ E
(8(170, 176)02 Manila; BA LL)

91005 6Ed. 6/15/96 LAST NM 47/06 50/06
Change Light to AL WG 15M 14° 29.9′ N 120° 55.0′ E

Add Light Fl 10M 10° 24.2′ N 122° 30.3′ E
Light Fl 10M 11° 51.7′ N 121° 17.5′ E
Light Fl 10M 10° 58.6′ N 123° 32.5′ E
(10(204, 205, 207, 214)02 Manila; BA LL)

91005 6Ed. 6/15/96 LAST NM 50/06 8/07
Change Light to Fl 15M 10° 59.5′ N 124° 06.1′ E
(2(21)03 Manila)

91005 6Ed. 6/15/96 LAST NM 8/07 10/07
Add Light Fl(2) 16M 12° 16.0′ N 122° 38.0′ E

Depth 307 fathoms enclosed by depth contour (500-fathom) 10° 15.9′ N 120° 37.0′ E
(5(70)03 Manila; BA LL)

91005 6Ed. 6/15/96 LAST NM 10/07 11/07
Add Light Fl(3) 7M 10° 44.3′ N 121° 56.1′ E
Light Fl 18M 11° 36.6′ N 122° 42.2′ E
(4(37, 52)03 Manila: BA LL)

91005 6Ed. 6/15/96 LAST NM 11/07 14/07
Add Light Fl 9M 11° 00.4′ N 124° 36.4′ E

Depth 377 fathoms enclosed by depth contour (400-fathom) centered 12° 28.6′ N 118° 48.5′ E
Depth 424 fathoms enclosed by depth contour (500-fathom) centered 11° 40.1′ N 118° 19.0′ E
Depth 85 fathoms enclosed by depth contour (100-fathom) centered 11° 32.3′ N 118° 55.1′ E
Depth 141 fathoms enclosed by depth contour (200-fathom) centered 11° 18.1′ N 118° 44.2′ E
(6(78), 7(92)03 Manila; BA LL))

91005 6Ed. 6/15/96 LAST NM 14/07 44/07
Change Characteristic of light to Fl(3) 12° 39.7′ N 122° 09.1′ E
(7(102)07 Manila)

91005 6Ed. 6/15/96 LAST NM 44/07 38/09
Add Depth 276 fathoms 15° 08.7′ N 117° 10.0′ E
(NTM0011/2009)

91005 6Ed. 6/15/96 LAST NM 38/09 13/10
Add Depth 25 fathoms enclosed by dotted-line circle 10° 12.8′ N 117° 25.8′ E
(2(75)10 Tianjin)

91005 6Ed. 6/15/96 LAST NM 13/10 32/10
Add Depth 184 fathoms 10° 45.0′ N 118° 02.0′ E

Depth 312 fathoms enclosed by depth contour (400-fathom) centered 10° 59.0′ N 117° 53.1′ E
Depth 152 fathoms enclosed by depth contour (200-fathom) centered 10° 23.1′ N 118° 32.3′ E
Depth 164 fathoms enclosed by depth contour (200-fathom) centered 12° 02.6′ N 118° 52.3′ E
Depth 174 fathoms enclosed by depth contour (200-fathom) centered 12° 25.2′ N 119° 05.4′ E
(NTM0001/2010)

91005 6Ed. 6/15/96 LAST NM 32/10 38/10
Delete Depth 3 fathoms 3 feet, blue tint, enclosing depth contour (10-fathom) and legend "Carnadic Shoal" in vicinity 10° 07.0′ N 117° 21.0′ E

Depth 8 fathoms, blue tint, enclosing depth contour (10-fathom) and legend "Lord Auckland Shoal" in vicinity 10° 21.0′ N 117° 17.0′ E

Depth 9 fathoms, blue tint and enclosing depth contour (10-fathom) centered 10° 38.0′ N 117° 38.0′ E

Dangerous submerged rock, blue tint, enclosing dotted-line circle and legend "Sandy Shoal" in vicinity 11° 02.3′ N 117° 38.2′ E

Dotted-line circle, blue tint and legend "Pennsylvania North Reef" in vicinity 10° 48.3′ N 116° 50.7′ E

Depth 25 fathoms and enclosing dotted-line circle centered 10° 12.8′ N 117° 25.8′ E
(Supersedes 13/10-91005)
(NTM0001/2010)

★**91005** 6Ed. 6/15/96 LAST NM 38/10 40/10
Delete Legend "Truro Shoal" 16° 20.0′ N 116° 55.0′ E

Depth 10 fathoms, blue tint and enclosing depth contour (10-fathom) centered 16° 19.8′ N 116° 43.5′ E
Depth 22 fathoms and enclosing depth contour (100-fathom) centered 16° 24.0′ N 116° 43.5′ E

Add Depth 2195 fathoms 16° 18.9′ N 116° 43.4′ E

Depth 110 fathoms enclosed by depth contour (200-fathom) centered 16° 37.0′ N 116° 43.0′ E
(NTM0001/2010)

91005 6Ed. 6/15/96 LAST NM 40/10 1/11
Add Light Fl 10M 10° 50.0′ N 123° 52.0′ E
(3(65)08 Manila; UKHO LL)

91005 6Ed. 6/15/96 LAST NM 1/11 7/11
Change Visibility (range) of light to 17M 11° 29.3′ N 123° 43.5′ E
(UKHO LL)

91005 6Ed. 6/15/96 LAST NM 7/11 8/11
Change Light to Fl 7M 10° 44.3′ N 121° 56.1′ E
(UKHO ARCS 4480-0)

91005 6Ed. 6/15/96 LAST NM 8/11 9/11
Change Light to Fl 11M 11° 35.9′ N 125° 30.0′ E
(UKHO ARCS 1622-2)

91005 6Ed. 6/15/96 LAST NM 9/11 11/11
Change Light to Fl(3) 12M 14° 07.8′ N 123° 03.1′ E

(continued on next page)

91005 (Continued) 11/11
Light to Fl 20M 12° 36.1′ N 123° 14.2′ E

Add Light Fl 22M 13° 56.9′ N 124° 21.2′ E
(UKHO ARCS 4412-0, 4487-0)

91005 6Ed. 6/15/96 LAST NM 11/11 12/11
Delete Depth 46 fathoms and enclosing depth contour (100-fathom) in vicinity 15° 02.0′ N 119° 47.0′ E
Depth 23 fathoms and enclosing depth contour (100-fathom) in vicinity 16° 53.0′ N 118° 00.0′ E
(NTM0008/2011)

91005 6Ed. 6/15/96 LAST NM 12/11 13/11
Delete Depth 2 fathoms 4 feet "Rep (2003)" (PA), blue tint and enclosing depth contour centered 10° 24.5′ N 119° 56.6′ E

Change Light to Fl(2) 22M 13° 53.0′ N 120° 01.0′ E

Add Depth 1¾ fathoms Rk [K14.2] 10° 24.9′ N 119° 56.4′ E
(6(125)06, 8(125)07 Manila; UKHO LL)

91005 6Ed. 6/15/96 LAST NM 13/11 15/11
Change Characteristic of light to Fl(2) 15s 13° 32.0′ N 121° 51.9′ E
(6(110)05 Manila)

91005 6Ed. 6/15/96 LAST NM 15/11 16/11
Change Visibility (range) of light to 20M 10° 28.9′ N 122° 28.3′ E
(UKHO LL)

91005 6Ed. 6/15/96 LAST NM 16/11 17/11
Change Visibility (range) of light to 10M 14° 35.2′ N 120° 58.0′ E
(UKHO LL)

91005 6Ed. 6/15/96 LAST NM 17/11 22/11
Add Light Fl R 18M 13° 35.5′ N 122° 19.3′ E
(1(31)05 Manila)

91005 6Ed. 6/15/96 LAST NM 22/11 27/11
Change Visibility (range) of light to 20M 11° 35.7′ N 121° 42.0′ E
(4(77)06 Manila; UKHO LL)

91005 6Ed. 6/15/96 LAST NM 27/11 30/11
Add Light Fl R 18M 14° 19.9′ N 122° 30.8′ E
(2(38)06 Manila; UKHO LL)

91005 6Ed. 6/15/96 LAST NM 30/11 34/11
Change Visibility (range) of light to 11M 13° 46.5′ N 120° 39.6′ E
(4(128)08 Manila; UKHO LL)

91005 6Ed. 6/15/96 LAST NM 34/11 37/11
Change Characteristic of light to Fl 11° 04.6′ N 123° 01.3′ E
(12(243)09 Manila)

91005 6Ed. 6/15/96 LAST NM 37/11 39/11
Change Characteristic of light to Fl R 9° 39.5′ N 123° 49.6′ E
(UKHO LL)

91005 6Ed. 6/15/96 LAST NM 39/11 42/11
Add Light Fl 24M 10° 44.7′ N 125° 00.8′ E
Light Fl 15M 10° 55.5′ N 121° 58.9′ E
(7(79)09 Manila; UKHO ARCS 4481-0; UKHO LL)

91005 6Ed. 6/15/96 LAST NM 42/11 46/11
Add Light Fl G 18M 12° 14.8′ N 121° 58.8′ E
(7(133)11 Manila; UKHO LL)

91005 6Ed. 6/15/96 LAST NM 46/11 53/11
Change Characteristic of light to Fl(3) 10° 23.1′ N 124° 01.1′ E
(UKHO LL)

91005 6Ed. 6/15/96 LAST NM 53/11 5/12
Change Characteristic of light to Fl G 9° 39.5′ N 123° 49.6′ E
(See 39/11-91005)
(11(244)11 Manila)

91005 6Ed. 6/15/96 LAST NM 5/12 10/12
Change Characteristic of light to Fl(3) 11° 53.4′ N 124° 16.6′ E
Characteristic of light to Fl(2) 14° 07.8′ N 123° 03.1′ E
(See 11/11-91005)

Add Wreck [K29] 13° 25.0′ N 124° 47.4′ E
(11(238, 245)10, 1(11)12 Manila)

91005 6Ed. 6/15/96 LAST NM 10/12 11/12
Add Light Fl 18M 13° 59.8′ N 122° 11.2′ E
Light Fl R 15M 13° 47.0′ N 122° 05.0′ E
(UKHO LL)

91005 6Ed. 6/15/96 LAST NM 11/12 13/12
Add Depth 330 fathoms enclosed by dashed-line circle centered 12° 02.6′ N 116° 28.5′ E
(UKHO ARCS 3489-0)

91005 6Ed. 6/15/96 LAST NM 13/12 22/12
Delete Stranded wreck (PA) 15° 08.1′ N 117° 50.3′ E

Add Stranded wreck [K24] with legend "(3 Wks)" 15° 13.5′ N 117° 43.5′ E
(36(4013)07 Taunton)

91005 6Ed. 6/15/96 LAST NM 22/12 26/12
Change Characteristic of light to Fl 11° 53.4′ N 124° 16.6′ E
(See 10/12-91005)

Add Depth 85 meters enclosed by depth contour (100-meter) centered 11° 21.5′ N 117° 10.9′ E
(30(1045)11 Tianjin; 5(98)12 Manila)

91005 6Ed. 6/15/96 LAST NM 26/12 30/12
Add Depth 46 fathoms enclosed by depth contour (100-fathom) centered 11° 21.5′ N 117° 10.9′ E
(30(1045)11 Tianjin)

91005 6Ed. 6/15/96 LAST NM 30/12 31/12
Delete Danger circle 11° 48.0′ N 117° 50.0′ E
Danger circle 11° 43.0′ N 117° 34.0′ E
(NTM0005/2012)

91005 6Ed. 6/15/96 LAST NM 31/12 44/12
Add Light Fl(3) 15M 9° 18.1′ N 123° 37.3′ E
(6(104)12 Manila)

91005 6Ed. 6/15/96 LAST NM 44/12 49/12
Change Visibility (range) of light to 15M 10° 28.2′ N 123° 26.8′ E
(3(49)12 Manila)

91005 6Ed. 6/15/96 LAST NM 49/12 4/13
Add Submarine cable (power) [L31.1] between 9° 32.1′ N 125° 51.6′ E
9° 34.3′ N 125° 56.3′ E
(3(27)12 Manila)

91005 6Ed. 6/15/96 LAST NM 4/13 6/13
Delete Dotted-line area, blue tint and legend "Shinko Shoal ED (1941)" in vicinity 10° 29.0′ N 116° 00.0′ E
(NTM0002/2013)

91005 6Ed. 6/15/96 LAST NM 6/13 13/13
Add Depth 14 fathoms, blue tint and enclosing depth contour (100-fathom) centered 14° 56.3′ N 123° 44.2′ E
(NTM0002/2013)

★**91008** 1Ed. 7/18/92 NEW CHART 38/92
Substitute Wreck for dangerous wreck 23° 23.0′ N 119° 04.8′ E
(DMAHTC; 31/91 Tso-ying)

91008 1Ed. 7/18/92 LAST NM 38/92 43/92
Add Wreck 24° 22.5′ N 122° 05.0′ E
(40/92 Tso-ying)

91008 1Ed. 7/18/92 LAST NM 43/92 45/92
Add Depth 182 meters "Rep (1977)" 22° 18.2′ N 121° 29.3′ E
(21(1525)92 Taunton)

91008 1Ed. 7/18/92 LAST NM 45/92 17/93
Add R Bn at light 22° 04.3′ N 121° 30.7′ E
(11/93 Tso-ying)

91008 1Ed. 7/18/92 LAST NM 17/93 19/93
Add Racon at light 23° 58′ N 120° 19′ E
(22/93 Tso-ying)

91008 1Ed. 7/18/92 LAST NM 19/93 29/93
Add Wreck (PA) 24° 24.0′ N 118° 41.0′ E
(10(66)93 Tianjin)

91008 1Ed. 7/18/92 LAST NM 29/93 32/93
Add Platform with light flare symbol and Racon 22° 31.7′ N 119° 24.0′ E
(42(GB 1968)92 Hamburg)

91008 1Ed. 7/18/92 LAST NM 32/93 35/93
Add Dangerous wreck (PA) 24° 20.1′ N 118° 32.6′ E
(31/93 Tso-ying)

91008 1Ed. 7/18/92 LAST NM 35/93 40/93
Add Depth 301 meters "Rep (1993)" 21° 25.5′ N 120° 55.1′ E
(MCC1167/92)

91008 1Ed. 7/18/92 LAST NM 40/93 42/93
Add Dangerous submerged rock "Rep (1993)" (PA) 24° 54.7′ N 119° 32.3′ E
(32(2773)93 Taunton)

91008 1Ed. 7/18/92 LAST NM 42/93 10/94
Delete Depth 7.4 meters "Rep (1961)" 21° 37′ N 121° 30′ E

Substitute Depth
1333 meters for 133 meters 21° 26′ N 121° 36′ E
28 meters for 31 meters 20° 06′ N 121° 50′ E
(MCC1301/94)

91008 1Ed. 7/18/92 LAST NM 10/94 33/94
Delete Platform and Racon 22° 32′ N 119° 24′ E
(MCC1365/94)

91008 1Ed. 7/18/92 LAST NM 33/94 12/95
Delete Islet and reef in vicinity 23° 24.5′ N 119° 39.5′ E
(MCC017/95)

91008 1Ed. 7/18/92 LAST NM 12/95 33/95
Add Light symbol 18° 37.7′ N 120° 47.3′ E
(MCC044/95; BA LL)

91008 1Ed. 7/18/92 LAST NM 33/95 34/95
Add Superbuoy Mo(U) 8s Ra Ref 24° 27.6′ N 125° 06.6′ E
(29(1246)95 Tokyo)

91008 1Ed. 7/18/92 LAST NM 34/95 35/95
Delete Danger circle "Breakers Rep (1950)" 21° 22′ N 120° 50′ E
Legend "Rapids Rep (1952)" 21° 19′ N 121° 03′ E

Depth
11.8 meters "Rep (1966)" 21° 13′ N 120° 44′ E
12.8 meters "Rep (1968)" 21° 12′ N 120° 53′ E
84 meters "Rep (1954)" 21° 07′ N 120° 51′ E
567 meters "Rep (1965)" 20° 59′ N 120° 56′ E

Add Depth
77 meters 21° 15.4′ N 120° 54.3′ E
56 meters 21° 12.9′ N 120° 52.8′ E
41 meters 21° 10.2′ N 120° 52.5′ E
480 meters 21° 04.6′ N 120° 52.0′ E
(MCC036/95; US CH 91170)

91008 1Ed. 7/18/92 LAST NM 35/95 50/95
Delete Depth 28 meters 21° 30.0′ N 120° 56.0′ E
(MCC034/95)

91008 1Ed. 7/18/92 LAST NM 50/95 5/96
Add Depth 29 meters 20° 02.1′ N 121° 51.3′ E
(47(3888)95 Taunton)

91008 1Ed. 7/18/92 LAST NM 5/96 13/96
Delete Dangerous wreck 23° 46′ N 119° 18′ E
(Cna CH 9314)

91008 1Ed. 7/18/92 LAST NM 13/96 2/97
Add Depth 19.8 meters "Rep (1996)" 23° 20.0′ N 118° 04.4′ E
(GIMM C04/96)

91008 1Ed. 7/18/92 LAST NM 2/97 5/97
Add Superbuoy Mo(U) 8s Ra Ref 24° 09.6′ N 124° 20.3′ E
(50(2347)96 Tokyo)

91008 1Ed. 7/18/92 LAST NM 5/97 23/97
Add Wreck (PA) 24° 25.0′ N 118° 47.0′ E
(8(80)97 Tianjin)

91008 1Ed. 7/18/92 LAST NM 23/97 14/98
Delete Depth 731 meters "Rep (1965)" (PA) 20° 27′ N 118° 05′ E

Add Depth 362 meters 20° 29.0′ N 117° 59.0′ E
(GIMM011/98)

91008 1Ed. 7/18/92 LAST NM 14/98 8/99
Add Depth 26 meters "Rep (1998)" 24° 01.3′ N 123° 35.5′ E
(GIMM007/99)

91008 1Ed. 7/18/92 LAST NM 8/99 13/99
Add Dangerous wreck (PA) 24° 09.0′ N 118° 32.7′ E
(24(252)98 Tianjin)

91008 1Ed. 7/18/92 LAST NM 13/99 21/99
Substitute Depth 18 meters Wk (unsurveyed) (K30) for wreck "Rep (1962)" 22° 37′ N 116° 24′ E
(29(2554)98 Taunton)

91008 1Ed. 7/18/92 LAST NM 21/99 35/99
Delete Dangerous wreck (PA) 24° 09.0′ N 118° 32.7′ E
(Supersedes 13/99-91008)

Add Dangerous wreck 24° 09.3′ N 118° 32.0′ E
Dangerous wreck "Rep (1998)" 23° 15.2′ N 117° 55.1′ E
(3(29), 11(137)99 Tianjin)

91008 1Ed. 7/18/92 LAST NM 35/99 3/00
Add Dotted-line circle "Well" [L21.1] 22° 35.2′ N 119° 19.8′ E
(67/99 Tso-ying)

91008 1Ed. 7/18/92 LAST NM 3/00 17/00
Add Dangerous wreck [K28] 23° 40.2′ N 119° 59.8′ E
(NTM0006/2000)

91008 1Ed. 7/18/92 LAST NM 17/00 24/00
Add Dangerous wreck [K28] (PA) 23° 17.2′ N 117° 57.2′ E
(4(381)99 Taunton)

91008 1Ed. 7/18/92 LAST NM 24/00 12/02
Add Wreck [K29] 24° 54.1′ N 121° 55.9′ E
(73/01 Tso-ying)

91008 1Ed. 7/18/92 LAST NM 12/02 29/02
Add Wreck [K29] 21° 44.0′ N 119° 48.0′ E
(30/02 Tso-ying)

91008 1Ed. 7/18/92 LAST NM 29/02 44/02
Add Wreck [K29] 22° 21.9′ N 121° 25.5′ E
(54/02 Tso-ying)

91008 1Ed. 7/18/92 LAST NM 44/02 48/02
Add Wreck [K29] 23° 26.3′ N 122° 12.0′ E
(62/02 Tso-ying)

91008 1Ed. 7/18/92 LAST NM 48/02 8/03
Add Wreck [K29] 20° 03.0′ N 118° 13.0′ E
(50(932)02 Tianjin)

91008 1Ed. 7/18/92 LAST NM 8/03 10/03
Add Wreck [K29] 21° 57.0′ N 118° 56.0′ E
Light symbol with Racon 23° 46.8′ N 120° 09.7′ E
(50, 70, 83/02 Tso-ying)

91008 1Ed. 7/18/92 LAST NM 10/03 12/03
Add Dangerous wreck [K28] 24° 16.4′ N 119° 43.0′ E
(2/03 Tso-ying)

91008 1Ed. 7/18/92 LAST NM 12/03 44/04
Add Dangerous wreck [K28] 23° 30.8′ N 119° 23.1′ E
(34(886)04 Tokyo)

91008 1Ed. 7/18/92 LAST NM 44/04 50/04
Add Wreck [K29] 21° 57.2′ N 121° 01.1′ E
(58/04 Tso-ying)

91008 1Ed. 7/18/92 LAST NM 50/04 52/04
Delete Depth 15.8 meters (PA) 21° 35.0′ N 120° 34.0′ E
Depth 20 meters "Rep" 21° 20.0′ N 121° 19.0′ E

Add Depth 65 meters 21° 12.0′ N 120° 51.0′ E
(43(1107)04 Tokyo)

91008 1Ed. 7/18/92 LAST NM 52/04 9/05
Delete Depth 20 meters "Rep" 21° 32.2′ N 121° 15.6′ E

Substitute Depth 134 meters for 24 meters "Rep (1981) PA" 21° 28.0′ N 120° 42.3′ E
(30(782)04 Tokyo)

91008 1Ed. 7/18/92 LAST NM 9/05 26/05
Add Wreck [K29] 22° 16.8′ N 119° 48.1′ E
(13/05 Tso-ying)

91008 1Ed. 7/18/92 LAST NM 26/05 1/06
Add Wreck [K29] 21° 56.9′ N 119° 27.7′ E
(67/05 Tso-ying)

91008 1Ed. 7/18/92 LAST NM 1/06 13/06
Add Light Fl 5s 12M 20° 17.2′ N 121° 53.0′ E
Light Fl 5s 12M 19° 57.6′ N 122° 08.5′ E
Light Fl 5s 19° 14.8′ N 121° 30.6′ E
(4(88, 97, 99)02 Manila; BA LL)

91008 1Ed. 7/18/92 LAST NM 13/06 14/06
Add Light symbol [P1] 20° 26.9′ N 121° 58.0′ E
(5(100)02 Manila)

91008 1Ed. 7/18/92 LAST NM 14/06 23/06
Add Wreck [K29] 22° 54.0′ N 120° 05.0′ E
(27/06 Tso-ying)

91008 1Ed. 7/18/92 LAST NM 23/06 25/06
Delete Depth 237 meters 24° 41.3′ N 122° 44.9′ E

Add Depth 249 meters 24° 42.5′ N 122° 45.5′ E
(10(305)06 Tokyo)

91008 1Ed. 7/18/92 LAST NM 25/06 27/06
Delete Depth 88 meters 18° 40.0′ N 121° 21.0′ E
Depth 100 meters 18° 40.0′ N 121° 32.0′ E
Depth 129 meters "Rep (1964)" 18° 41.5′ N 121° 47.0′ E
(NTM0023/2006)

91008 1Ed. 7/18/92 LAST NM 27/06 35/06
Add Purple dashed-line circle "Unexploded ordnance" (PA) 23° 29.1′ N 117° 34.6′ E

Stranded wreck [K24] (PA) 22° 51.3′ N 116° 26.8′ E
(17(317, 320)06 Tianjin)

91008 1Ed. 7/18/92 LAST NM 35/06 39/06
Add Wreck [K29] (PA) 23° 14.0′ N 117° 27.0′ E
(26(531)06 Tianjin)

91008 1Ed. 7/18/92 LAST NM 39/06 41/06
Add Light symbol [P1] 21° 07.2′ N 121° 56.8′ E
(5(101)02 Manila)

91008 1Ed. 7/18/92 LAST NM 41/06 42/06
Add Wreck [K29] 24° 30.8′ N 122° 00.0′ E
Wreck [K29] 24° 42.5′ N 122° 02.0′ E
(104, 108/06 Tso-ying)

91008 1Ed. 7/18/92 LAST NM 42/06 50/06
Add Wreck [K29] 21° 54.0′ N 119° 28.1′ E
(141/06 Tso-ying)

91008 1Ed. 7/18/92 LAST NM 50/06 8/07
Add Wreck [K29] 21° 59.0′ N 120° 17.0′ E
Wreck [K29] 21° 55.0′ N 119° 55.0′ E
(168, 171/06 Tso-ying)

91008 1Ed. 7/18/92 LAST NM 8/07 9/07
Delete R Bn and Racon at light 24° 01.0′ N 121° 38.5′ E
(68/01, 48/06 Tso-ying)

91008 1Ed. 7/18/92 LAST NM 9/07 10/07
Delete R Bn at light 22° 04.9′ N 121° 30.2′ E
R Bn at light 22° 40.0′ N 121° 28.0′ E
R Bn and Racon at light 22° 36.5′ N 120° 16.5′ E
(18/02, 118, 120, 147/06 Tso-ying)

91008 1Ed. 7/18/92 LAST NM 10/07 15/07
Add Wreck [K29] (PA) 22° 12.3′ N 116° 03.3′ E
(9(242)07 Tianjin)

91008 1Ed. 7/18/92 LAST NM 15/07 17/07
Add Dangerous wreck [K28] (PA) 23° 17.0′ N 117° 00.0′ E
(7(181)07 Tianjin)

91008 1Ed. 7/18/92 LAST NM 17/07 18/07
Add Dangerous wreck [K28] 23° 23.0′ N 117° 37.0′ E
(6(151)07 Tianjin)

91008 1Ed. 7/18/92 LAST NM 18/07 21/07
Add Stranded wreck [K24] 24° 58.0′ N 120° 48.0′ E
(91/05 Tso-ying)

91008 1Ed. 7/18/92 LAST NM 21/07 35/07
Add Dangerous wreck [K28] 23° 23.4′ N 117° 43.4′ E
(23(667)07 Tianjin)

91008 1Ed. 7/18/92 LAST NM 35/07 44/07
Add Wreck [K29] (PA) 22° 08.4′ N 120° 16.8′ E
(23/07 Tso-ying)

91008 1Ed. 7/18/92 LAST NM 44/07 7/08
Add Wreck [K29] 22° 25.4′ N 119° 31.7′ E
(132/07 Tso-ying)

91008 1Ed. 7/18/92 LAST NM 7/08 12/08
Add Depth 32 meters Wk [K26] 24° 51.8′ N 119° 27.5′ E
Depth 47 meters Wk [K26] 24° 50.1′ N 119° 27.8′ E
(2(20)08 Tianjin)

91008 1Ed. 7/18/92 LAST NM 12/08 16/08
Add Depth 4 meters Wk [K26] (PA) 24° 02.0′ N 119° 58.0′ E
(3, 13/08 Tso-ying)

91008 1Ed. 7/18/92 LAST NM 16/08 18/08
Add Depth 25 meters "Rep (2007)" [I3.2] 23° 12.8′ N 119° 10.8′ E
Depth 241 meters 20° 29.1′ N 121° 45.7′ E
(NTM0012/2008)

91008 1Ed. 7/18/92 LAST NM 18/08 19/08
Add Wreck [K29] (PA) 23° 13.0′ N 117° 20.0′ E
(4(68)08 Tianjin)

91008 1Ed. 7/18/92 LAST NM 19/08 30/08
Add Depth 1609 meters "Rep (2006)" [I3.2] 21° 27.1′ N 121° 49.4′ E
(NTM0006/2008)

91008 1Ed. 7/18/92 LAST NM 30/08 31/08
Delete Depth 4 meters Wk (PA) 24° 02.0′ N 119° 58.0′ E
(Supersedes 16/08-91008)

Add Wreck [K29] 22° 45.5′ N 116° 34.0′ E
(41/08 Tso-ying; 21(704)08 Tianjin)

91008 1Ed. 7/18/92 LAST NM 31/08 38/08
Add Light symbol [P1] with Racon 22° 37.2′ N 120° 15.4′ E
Light symbol [P1] with Racon 22° 33.1′ N 120° 18.0′ E
(59/08 Tso-ying)

91008 1Ed. 7/18/92 LAST NM 38/08 48/08
Add Wreck [K29] 24° 34.2′ N 122° 24.6′ E
(118/08 Tso-ying)

91008 1Ed. 7/18/92 LAST NM 48/08 52/08
Add Wreck [K29] 22° 27.1′ N 119° 26.0′ E
Wreck [K29] 22° 19.4′ N 121° 12.4′ E
Wreck [K29] 22° 12.3′ N 121° 03.3′ E
(131, 137/08 Tso-ying)

91008 1Ed. 7/18/92 LAST NM 52/08 2/09
Add Danger circle [K40] "Obstns Rep (2008)"
23° 36.5′ N 119° 51.0′ E
(NTM0005/2008)

91008 1Ed. 7/18/92 LAST NM 2/09 6/09
Add Wreck [K29] 22° 20.0′ N 116° 07.0′ E
(41(1506)08 Tianjin)

91008 1Ed. 7/18/92 LAST NM 6/09 8/09
Add Dangerous wreck [K28] (PA) 22° 42.0′ N 116° 21.0′ E
(38(823)05 Tianjin)

91008 1Ed. 7/18/92 LAST NM 8/09 15/09
Add Wreck [K29] (PA) 22° 37.0′ N 121° 35.0′ E
(176/08 Tso-ying)

91008 1Ed. 7/18/92 LAST NM 15/09 23/09
Add Depth 685 meters enclosed by depth contour
(1000-meter) centered 18° 49.7′ N 122° 12.7′ E
(NTM0006/2009)

91008 1Ed. 7/18/92 LAST NM 23/09 27/09
Add Superbuoy ODAS [Q58] Or, Fl R 4s
21° 54.0′ N 122° 42.0′ E
(58/06 Tso-ying)

91008 1Ed. 7/18/92 LAST NM 27/09 28/09
Add Depth 845 meters 20° 12.3′ N 117° 15.0′ E
Depth 642 meters 20° 12.5′ N 117° 19.7′ E
Depth 1048 meters 20° 10.8′ N 117° 17.8′ E
(NTM0011/2009)

91008 1Ed. 7/18/92 LAST NM 28/09 33/09
Substitute Depth 288 meters for 351 meters 19° 09.9′ N 121° 06.5′ E

Add Depth 235 meters 19° 03.7′ N 121° 41.6′ E
Depth 453 meters 18° 36.3′ N 121° 52.7′ E
Depth 93 meters 18° 41.3′ N 121° 06.0′ E
(NTM0006/2009)

91008 1Ed. 7/18/92 LAST NM 33/09 48/09
Delete Dangerous wreck 23° 46.2′ N 120° 03.9′ E

Add Stranded wreck [K24] 24° 18.7′ N 120° 01.9′ E
(Twn CH 356)

91008 1Ed. 7/18/92 LAST NM 48/09 31/10
Add Wreck [K29] (PA) 23° 14.0′ N 119° 53.0′ E
Wreck [K29] 22° 21.5′ N 121° 18.9′ E
Wreck [K29] 22° 26.6′ N 119° 39.0′ E
(74/09, 80, 82/10 Tso-ying)

91008 1Ed. 7/18/92 LAST NM 31/10 32/10
Substitute Depth 13.2 meters for 16.4 meters 20° 37.1′ N 121° 59.3′ E
(NTM0012/2008)

91008 1Ed. 7/18/92 LAST NM 32/10 33/10
Substitute Wreck [K29] for stranded wreck 24° 58.0′ N 120° 48.0′ E

Add Wreck [K29] 24° 02.1′ N 119° 57.9′ E
Wreck [K29] 23° 39.5′ N 119° 51.5′ E
Dangerous wreck [K28] (PD) 23° 16.2′ N 118° 18.0′ E
Buoy Or, conical, Fl R 4s 21° 02.5′ N 118° 49.8′ E
(137, 152, 168/09, 18, 71/10 Tso-ying)

91008 1Ed. 7/18/92 LAST NM 33/10 40/10
Add Buoy Or, conical, Fl R 4s 21° 58.2′ N 123° 35.9′ E
(131/09 Tso-ying)

91008 1Ed. 7/18/92 LAST NM 40/10 46/10
Add Wreck [K29] 22° 46.5′ N 119° 34.9′ E
(189/10 Tso-ying)

91008 1Ed. 7/18/92 LAST NM 46/10 51/10
Add Wreck [K29] 22° 06.2′ N 120° 57.4′ E
Wreck [K29] 24° 50.2′ N 120° 30.1′ E
Dangerous wreck [K28] 22° 59.3′ N 118° 48.8′ E
(198, 212/10 Tso-ying)

91008 1Ed. 7/18/92 LAST NM 51/10 1/11
Add Wreck [K29] 20° 35.4′ N 119° 29.4′ E
Wreck [K29] 22° 47.3′ N 120° 07.4′ E
(185, 223/10 Tso-ying)

91008 1Ed. 7/18/92 LAST NM 1/11 2/11
Add Depth 159 meters (PA) enclosed by
depth contour (200-meter) centered 18° 43.5′ N 121° 12.9′ E
(UKHO ARCS 3804-0)

91008 1Ed. 7/18/92 LAST NM 2/11 3/11
Add Wreck [K29] 22° 56.1′ N 121° 34.1′ E
(121/10 Tso-ying)

91008 1Ed. 7/18/92 LAST NM 3/11 4/11
Add Wreck [K29] (PA) 18° 40.5′ N 121° 09.3′ E

Buoy Y, pillar, "X" topmark, Mo(O) Y 12s
[Q130.6] 22° 20.0′ N 117° 20.4′ E
(5(99)10 Manila; 47(2102)10 Tianjin)

91008 1Ed. 7/18/92 LAST NM 4/11 5/11
Add Wreck [K29] 23° 50.9′ N 119° 09.9′ E
(232/10 Tso-ying)

91008 1Ed. 7/18/92 LAST NM 5/11 11/11
Add Wreck [K29] 20° 22.4′ N 119° 47.0′ E
Dangerous wreck [K28] 22° 48.0′ N 116° 43.0′ E
(250/10 Tso-ying; 20(426)04 Tianjin)

91008 1Ed. 7/18/92 LAST NM 11/11 36/11
Add Wreck [K29] 22° 11.4′ N 120° 58.1′ E
Wreck [K29] 22° 25.7′ N 121° 39.8′ E
(95, 98/11 Tso-ying)

91008 1Ed. 7/18/92 LAST NM 36/11 38/11
Substitute Depth 550 meters enclosed by depth contour
(1000-meter) for 201 meters "Rep (1965)" and
enclosing dotted-line circle centered
21° 13.0′ N 121° 33.0′ E
(NTM0008/2011)

91008 1Ed. 7/18/92 LAST NM 38/11 45/11
Add Wreck [K29] 22° 54.9′ N 119° 35.7′ E
(142/11 Tso-ying)

91008 1Ed. 7/18/92 LAST NM 45/11 47/11
Add Wreck [K29] (PA) 21° 08.0′ N 121° 58.0′ E
(4(46)10 Manila)

91008 1Ed. 7/18/92 LAST NM 47/11 50/11
Relocate Buoy from 21° 02.5′ N 118° 49.8′ E to
21° 02.5′ N 118° 45.0′ E
(54/11 Tso-ying)

91008 1Ed. 7/18/92 LAST NM 50/11 4/12
Add Wreck [K29] 21° 00.0′ N 119° 29.4′ E
(10(229)10 Manila)

91008 1Ed. 7/18/92 LAST NM 4/12 5/12
Add Wreck [K29] 23° 47.0′ N 119° 08.0′ E
(186/11 Tso-ying)

91008 1Ed. 7/18/92 LAST NM 5/12 9/12
Add Wreck [K29] 22° 38.0′ N 121° 48.0′ E
(201/11 Tso-ying)

91008 1Ed. 7/18/92 LAST NM 9/12 11/12
Add Wreck [K29] 19° 59.7′ N 118° 49.8′ E
(11(229)11 Manila)

91008 1Ed. 7/18/92 LAST NM 11/12 18/12
Add Danger circle "Obstn Rep (2007)" [K40] (PA)
24° 42.0′ N 119° 15.0′ E
(9(234)12 Tianjin)

91008 1Ed. 7/18/92 LAST NM 18/12 22/12
Delete Racon from light 23° 27.1′ N 120° 01.9′ E

Add Depth 3.5 meters, blue tint and enclosing
depth contour (20-meter) centered 23° 13.6′ N 119° 14.3′ E
Depth 4.8 meters, blue tint and enclosing
depth contour (20-meter) centered 23° 09.8′ N 119° 10.5′ E
(8, 12/12 Tso-ying; UKHO ARCS 1760-0)

91008 1Ed. 7/18/92 LAST NM 22/12 26/12
Add Wreck [K29] 22° 42.0′ N 119° 53.0′ E
(53/12 Tso-ying)

91008 1Ed. 7/18/92 LAST NM 26/12 31/12
Relocate Buoy from 21° 02.5′ N 118° 45.0′ E to
21° 01.4′ N 118° 50.0′ E
(See 50/11-91008)
(69/12 Tso-ying)

91008 1Ed. 7/18/92 LAST NM 31/12 37/12
Add Wreck [K29] 22° 24.3′ N 121° 15.4′ E
Buoy ODAS [Q58] Or, conical, Fl R 4s
21° 40.6′ N 124° 03.8′ E
(107, 116/12 Tso-ying)

91008 1Ed. 7/18/92 LAST NM 37/12 39/12
Delete Wreck 24° 50.2′ N 120° 30.1′ E

Add Wreck [K29] 24° 45.4′ N 120° 34.8′ E
(118/12 Tso-ying)

91008 1Ed. 7/18/92 LAST NM 39/12 49/12
Add Wreck [K29] 21° 38.1′ N 120° 55.2′ E
(142/12 Tso-ying)

91008 1Ed. 7/18/92 LAST NM 49/12 7/13
Add Stranded wreck [K24] 20° 46.0′ N 116° 52.0′ E
(201/12 Tso-ying)

91008 1Ed. 7/18/92 LAST NM 7/13 11/13
Add Dangerous wreck [K28] 24° 48.7′ N 118° 57.2′ E
(5(561)13 Taunton)

91008 1Ed. 7/18/92 LAST NM 11/13 33/13
Add Dangerous wreck [K28] "Rep (2013)" (PA)
22° 33.0′ N 116° 14.0′ E
(23(859)13 Tianjin)

91008 1Ed. 7/18/92 LAST NM 33/13 44/13
Add Dangerous wreck [K28] 22° 46.0′ N 116° 04.0′ E
(1(3)13 Tianjin)

91008 1Ed. 7/18/92 LAST NM 44/13 52/13
Add Wreck [K29] 22° 07.6′ N 120° 10.5′ E
Wreck [K29] 22° 23.1′ N 121° 20.0′ E
(144, 150/13 Tso-ying)

★91010 6Ed. 9/2/95 NEW EDITION 6/96
Delete Depth 28 meters 21° 30.0′ N 120° 56.0′ E
(Previously published 50/95)

Add Depth 29 meters 20° 02.1′ N 121° 51.3′ E
(Previously published 5/96)

Add Racon at light 23° 15′ N 117° 17′ E
23° 14′ N 116° 48′ E
(DMA; BA RA)

91010 6Ed. 9/2/95 LAST NM 6/96 13/96
Delete Dangerous wreck 23° 47′ N 119° 18′ E
(Cna CH 9314)

91010 6Ed. 9/2/95 LAST NM 13/96 2/97
Add Depth 19.8 meters "Rep (1996)" 23° 20.0′ N 118° 04.4′ E
(GIMM C04/96)

91010 6Ed. 9/2/95 LAST NM 2/97 5/97
Add Superbuoy Mo(U) 8s Ra Ref 24° 09.6′ N 124° 20.3′ E
(50(2347)96 Tokyo)

91010 6Ed. 9/2/95 LAST NM 5/97 23/97
Add Wreck (PA) 24° 25.0′ N 118° 47.0′ E
(8(80)97 Tianjin)

91010 6Ed. 9/2/95 LAST NM 23/97 14/98
Delete Depth 731 meters "Rep (1965)" (PA) 20° 27′ N 118° 05′ E

Add Depth 362 meters 20° 29.0′ N 117° 59.0′ E
(GIMM011/98)

91010 6Ed. 9/2/95 LAST NM 14/98 8/99
Add Depth 26 meters "Rep (1998)" 24° 01.3′ N 123° 35.5′ E
(GIMM007/99)

91010 6Ed. 9/2/95 LAST NM 8/99 13/99
Add Dangerous wreck (PA) 24° 09.0′ N 118° 32.7′ E
(24(252)98 Tianjin)

91010 6Ed. 9/2/95 LAST NM 13/99 21/99
Substitute Depth 18 meters Wk (unsurveyed) (K30)
for wreck "Rep (1962)" 22° 37′ N 116° 24′ E
(29(2554)98 Taunton)

91010 6Ed. 9/2/95 LAST NM 21/99 35/99
Delete Dangerous wreck (PA) 24° 09.0′ N 118° 32.7′ E
(Supersedes 13/99-91010)

Add Dangerous wreck 24° 09.3′ N 118° 32.0′ E
Dangerous wreck "Rep (1998)" 23° 15.2′ N 117° 55.1′ E
(3(29), 11(137)99 Tianjin)

91010 6Ed. 9/2/95 LAST NM 35/99 3/00
Add Dotted-line circle "Well" [L21.1] 22° 35.2′ N 119° 19.8′ E
(67/99 Tso-ying)

91010 6Ed. 9/2/95 LAST NM 3/00 17/00
Add Dangerous wreck [K28] 23° 40.2′ N 119° 59.8′ E
(NTM0006/2000)

91010 6Ed. 9/2/95 LAST NM 17/00 24/00
Add Dangerous wreck [K28] (PA) 23° 17.2′ N 117° 57.2′ E
(4(381)99 Taunton)

91010 6Ed. 9/2/95 LAST NM 24/00 36/00
Add Wreck [K29] (PA) 18° 00.0′ N 120° 18.0′ E
(2(5)99 Manila)

91010 6Ed. 9/2/95 LAST NM 36/00 29/02
Add Wreck [K29] 21° 44.0′ N 119° 48.0′ E
(30/02 Tso-ying)

91010 6Ed. 9/2/95 LAST NM 29/02 48/02
Add Wreck [K29] 23° 26.3′ N 122° 12.0′ E
(62/02 Tso-ying)

91010 6Ed. 9/2/95 LAST NM 48/02 10/03
Add Wreck [K29] 21° 57.0′ N 118° 56.0′ E
Light symbol with Racon 23° 46.8′ N 120° 09.7′ E
(50, 70, 83/02 Tso-ying)

91010 6Ed. 9/2/95 LAST NM 10/03 12/03
Add Dangerous wreck [K28] 24° 16.4′ N 119° 43.0′ E
(2/03 Tso-ying)

91010 6Ed. 9/2/95 LAST NM 12/03 44/04
Add Dangerous wreck [K28] 23° 30.8′ N 119° 23.1′ E
(34(886)04 Tokyo)

91010 6Ed. 9/2/95 LAST NM 44/04 52/04
Delete Depth 15.8 meters (PA) 21° 34.5′ N 120° 34.5′ E
Depth 20 meters "Rep" 21° 20.8′ N 121° 19.0′ E

Add Depth 65 meters 21° 12.0′ N 120° 51.0′ E
(43(1107)04 Tokyo)

91010 6Ed. 9/2/95 LAST NM 52/04 9/05
Delete Depth 20 meters "Rep" 21° 32.2′ N 121° 15.6′ E

Substitute Depth 134 meters for 24 meters "Rep (1981) PA" 21° 28.0′ N 120° 42.3′ E
(30(782)04 Tokyo)

91010 6Ed. 9/2/95 LAST NM 9/05 26/05
Add Wreck [K29] 22° 16.8′ N 119° 48.1′ E
(13/05 Tso-ying)

91010 6Ed. 9/2/95 LAST NM 26/05 1/06
Add Wreck [K29] 21° 56.9′ N 119° 27.7′ E
(67/05 Tso-ying)

91010 6Ed. 9/2/95 LAST NM 1/06 13/06
Add Light symbol [P1] 19° 14.8′ N 121° 30.6′ E
Light symbol [P1] 19° 57.6′ N 122° 08.5′ E
Light symbol [P1] 20° 17.2′ N 121° 53.0′ E
Light symbol [P1] 17° 23.1′ N 122° 14.2′ E
Light symbol [P1] 17° 08.5′ N 122° 30.4′ E
(4(88-90, 97, 99)02 Manila)

91010 6Ed. 9/2/95 LAST NM 13/06 14/06
Add Light symbol [P1] 20° 26.9′ N 121° 58.0′ E
(5(100)02 Manila)

91010 6Ed. 9/2/95 LAST NM 14/06 27/06
Delete Depth 88 meters 18° 40.0′ N 121° 21.0′ E
Depth 100 meters 18° 40.0′ N 121° 32.0′ E
Depth 129 meters "Rep (1964)" 18° 41.5′ N 121° 47.0′ E
(NTM0023/2006)

91010 6Ed. 9/2/95 LAST NM 27/06 35/06
Add Purple dashed-line circle "Unexploded ordnance" (PA) 23° 29.1′ N 117° 34.6′ E

Stranded wreck [K24] (PA) 22° 51.3′ N 116° 26.8′ E
(17(317, 320)06 Tianjin)

91010 6Ed. 9/2/95 LAST NM 35/06 39/06
Add Wreck [K29] (PA) 23° 14.0′ N 117° 27.0′ E
(26(531)06 Tianjin)

91010 6Ed. 9/2/95 LAST NM 39/06 41/06
Add Light symbol [P1] 21° 07.2′ N 121° 56.8′ E
(5(101)02 Manila)

91010 6Ed. 9/2/95 LAST NM 41/06 50/06
Add Wreck [K29] 21° 54.0′ N 119° 28.1′ E
(141/06 Tso-ying)

91010 6Ed. 9/2/95 LAST NM 50/06 8/07
Add Light symbol [P1] 16° 08.0′ N 119° 46.6′ E
Wreck [K29] 21° 59.0′ N 120° 17.0′ E
Wreck [K29] 21° 55.0′ N 119° 55.0′ E
(2(11)03 Manila; 168, 171/06 Tso-ying)

91010 6Ed. 9/2/95 LAST NM 8/07 9/07
Delete R Bn and Racon at light 24° 01.0′ N 121° 38.5′ E
(68/01, 148/06 Tso-ying)

91010 6Ed. 9/2/95 LAST NM 9/07 10/07
Delete R Bn at light 22° 04.0′ N 121° 30.2′ E
R Bn at light 22° 40.0′ N 121° 28.0′ E
R Bn and Racon at light 22° 36.5′ N 120° 16.0′ E
(18/02, 118, 120, 147/06 Tso-ying)

91010 6Ed. 9/2/95 LAST NM 10/07 11/07
Add Light Fl 5s 16° 30.5′ N 122° 14.7′ E
(4(39)03 Manila)

91010 6Ed. 9/2/95 LAST NM 11/07 14/07
Add Light symbol [P1] 16° 21.3′ N 120° 20.4′ E
Light symbol [P1] 17° 12.2′ N 120° 24.9′ E
(6(81, 82)03 Manila)

91010 6Ed. 9/2/95 LAST NM 14/07 15/07
Add Wreck [K29] (PA) 22° 12.3′ N 116° 03.3′ E
(9(242)07 Tianjin)

91010 6Ed. 9/2/95 LAST NM 15/07 17/07
Add Dangerous wreck [K28] (PA) 23° 17.0′ N 117° 00.0′ E
(7(181)07 Tianjin)

91010 6Ed. 9/2/95 LAST NM 17/07 18/07
Add Dangerous wreck [K28] 23° 23.0′ N 117° 37.0′ E
(6(151)07 Tianjin)

91010 6Ed. 9/2/95 LAST NM 18/07 35/07
Add Dangerous wreck [K28] 23° 23.4′ N 117° 43.4′ E
(23(667)07 Tianjin)

91010 6Ed. 9/2/95 LAST NM 35/07 44/07
Add Wreck [K29] (PA) 22° 08.4′ N 120° 16.8′ E
(23/07 Tso-ying)

91010 6Ed. 9/2/95 LAST NM 44/07 7/08
Add Wreck [K29] 22° 25.4′ N 119° 31.7′ E
(132/07 Tso-ying)

91010 6Ed. 9/2/95 LAST NM 7/08 16/08
Add Depth 4 meters Wk [K26] (PA) 24° 02.0′ N 119° 58.0′ E
(3, 13/08 Tso-ying)

91010 6Ed. 9/2/95 LAST NM 16/08 18/08
Add Depth 25 meters "Rep (2007)" [I3.2] 23° 12.8′ N 119° 10.8′ E
Depth 241 meters 20° 29.1′ N 121° 45.7′ E
(NTM0012/2008)

91010 6Ed. 9/2/95 LAST NM 18/08 19/08
Add Wreck [K29] (PA) 23° 13.0′ N 117° 20.0′ E
(4(68)08 Tianjin)

91010 6Ed. 9/2/95 LAST NM 19/08 30/08
Add Depth 1609 meters "Rep (2006)" [I3.2] 21° 27.1′ N 121° 49.4′ E
(NTM0006/2008)

91010 6Ed. 9/2/95 LAST NM 30/08 31/08
Delete Depth 4 meters Wk (PA) 24° 02.0′ N 119° 58.0′ E
(Supersedes 16/08-91010)

Add Wreck [K29] 22° 45.5′ N 116° 34.0′ E
(41/08 Tso-ying; 21(704)08 Tianjin)

91010 6Ed. 9/2/95 LAST NM 31/08 52/08
Add Wreck [K29] 22° 27.1′ N 119° 26.0′ E
Wreck [K29] 22° 19.4′ N 121° 12.4′ E
Wreck [K29] 22° 12.3′ N 121° 03.3′ E
(131, 137/08 Tso-ying)

91010 6Ed. 9/2/95 LAST NM 52/08 2/09
Add Danger circle [K40] "Obstns Rep (2008)" 23° 36.5′ N 119° 51.0′ E
(NTM0005/2008)

91010 6Ed. 9/2/95 LAST NM 2/09 6/09
Add Wreck [K29] 22° 20.0′ N 116° 07.0′ E
(41(1506)08 Tianjin)

91010 6Ed. 9/2/95 LAST NM 6/09 8/09
Add Dangerous wreck [K28] (PA) 22° 42.0′ N 116° 21.0′ E
(38(823)05 Tianjin)

91010 6Ed. 9/2/95 LAST NM 8/09 15/09
Add Wreck [K29] (PA) 22° 37.0′ N 121° 35.0′ E
(176/08 Tso-ying)

91010 6Ed. 9/2/95 LAST NM 15/09 23/09
Add Depth 685 meters enclosed by depth contour
(1000-meter) centered 18° 49.7′ N 122° 12.7′ E
(NTM0006/2009)

91010 6Ed. 9/2/95 LAST NM 23/09 27/09
Add Superbuoy ODAS [Q58] Or, Fl R 4s
21° 54.0′ N 122° 42.0′ E
(58/06 Tso-ying)

91010 6Ed. 9/2/95 LAST NM 27/09 28/09
Add Depth 845 meters 20° 12.3′ N 117° 15.0′ E
Depth 642 meters 20° 12.5′ N 117° 19.7′ E
Depth 1048 meters 20° 10.8′ N 117° 17.8′ E
(NTM0011/2009)

91010 6Ed. 9/2/95 LAST NM 28/09 33/09
Substitute Depth 288 meters for 351 meters 19° 09.9′ N 121° 06.5′ E

Add Depth 235 meters 19° 03.7′ N 121° 41.6′ E
Depth 453 meters 18° 36.3′ N 121° 52.7′ E
Depth 93 meters 18° 41.3′ N 121° 06.0′ E
(NTM0006/2009)

91010 6Ed. 9/2/95 LAST NM 33/09 48/09
Delete Dangerous wreck 23° 46.2′ N 120° 03.9′ E

Add Stranded wreck [K24] 24° 18.7′ N 120° 01.9′ E
(Twn CH 356)

91010 6Ed. 9/2/95 LAST NM 48/09 31/10
Add Wreck [K29] (PA) 23° 14.0′ N 119° 53.0′ E
Wreck [K29] 22° 21.5′ N 121° 18.9′ E
Wreck [K29] 22° 26.6′ N 119° 39.0′ E
(74/09, 80, 82/10 Tso-ying)

91010 6Ed. 9/2/95 LAST NM 31/10 32/10
Substitute Depth 13.2 meters for 16.4 meters 20° 37.1′ N 121° 59.3′ E
(NTM0012/2008)

91010 6Ed. 9/2/95 LAST NM 32/10 33/10
Add Wreck [K29] 24° 02.1′ N 119° 57.9′ E
Wreck [K29] 23° 39.5′ N 119° 51.5′ E
Dangerous wreck [K28] (PD) 23° 16.2′ N 118° 18.0′ E
Buoy Or, conical, Fl R 4s 21° 02.5′ N 118° 49.8′ E
(152, 168/09, 18, 71/10 Tso-ying)

91010 6Ed. 9/2/95 LAST NM 33/10 40/10
Delete Legend "Truro Shoal" 16° 21.0′ N 116° 51.0′ E

Depth 18.3 meters 16° 18.0′ N 116° 39.0′ E
Depth 18.3 meters 16° 19.0′ N 116° 43.0′ E

Blue tint area and enclosing depth contour
(20-meter) in vicinity 16° 18.0′ N 116° 42.0′ E

Depth 40 meters and enclosing depth contour
(200-meter) centered 16° 20.0′ N 116° 38.0′ E
Depth 40 meters and enclosing depth contour
(200-meter) centered 16° 24.0′ N 116° 42.0′ E
Depth 640 meters and enclosing depth contour
(1000-meter) centered 16° 26.0′ N 116° 39.0′ E

Add Depth 4014 meters 16° 18.9′ N 116° 43.4′ E

Depth 201 meters enclosed by depth contour
(1000-meter) centered 16° 37.0′ N 116° 43.0′ E
(NTM0001/2010)

91010 6Ed. 9/2/95 LAST NM 40/10 46/10
Add Wreck [K29] 22° 46.5′ N 119° 34.9′ E
(189/10 Tso-ying)

91010 6Ed. 9/2/95 LAST NM 46/10 51/10
Add Wreck [K29] 22° 06.2′ N 120° 57.4′ E
Dangerous wreck [K28] 22° 59.3′ N 118° 48.8′ E
(198, 212/10 Tso-ying)

91010 6Ed. 9/2/95 LAST NM 51/10 1/11
Add Wreck [K29] 20° 35.4′ N 119° 29.4′ E
Wreck [K29] 22° 47.3′ N 120° 07.4′ E
(185, 223/10 Tso-ying)

91010 6Ed. 9/2/95 LAST NM 1/11 3/11
Add Wreck [K29] 22° 56.1′ N 121° 34.1′ E
(121/10 Tso-ying)

91010 6Ed. 9/2/95 LAST NM 3/11 4/11
Add Wreck [K29] (PA) 18° 40.5′ N 121° 09.3′ E

Buoy Y, pillar, "X" topmark, Mo(O) Y 12s
[Q130.6] 22° 20.0′ N 117° 20.4′ E
(5(99)10 Manila; 47(2102)10 Tianjin)

91010 6Ed. 9/2/95 LAST NM 4/11 5/11
Add Wreck [K29] 23° 50.9′ N 119° 09.9′ E
(232/10 Tso-ying)

91010 6Ed. 9/2/95 LAST NM 5/11 11/11
Add Wreck [K29] 20° 22.4′ N 119° 47.0′ E
(250/10 Tso-ying)

91010 6Ed. 9/2/95 LAST NM 11/11 12/11
Delete Depth 42 meters and enclosing depth contour
(200-meter) in vicinity 16° 52.0′ N 117° 58.0′ E
(NTM0008/2011)

91010 6Ed. 9/2/95 LAST NM 12/11 36/11
Add Wreck [K29] 22° 11.4′ N 120° 58.1′ E
Wreck [K29] 22° 25.7′ N 121° 39.8′ E
(95, 98/11 Tso-ying)

91010 6Ed. 9/2/95 LAST NM 36/11 38/11
Substitute Depth 550 meters enclosed by depth contour
(1000-meter) for 201 meters "Rep (1965)" and
enclosing dotted-line circle centered
21° 13.0′ N 121° 33.0′ E
(NTM0008/2011)

91010 6Ed. 9/2/95 LAST NM 38/11 45/11
Add Wreck [K29] 22° 54.9′ N 119° 35.7′ E
(142/11 Tso-ying)

91010 6Ed. 9/2/95 LAST NM 45/11 50/11
Relocate Buoy from 21° 02.5′ N 118° 49.8′ E to
21° 02.5′ N 118° 45.0′ E
(54/11 Tso-ying)

91010 6Ed. 9/2/95 LAST NM 50/11 4/12
Add Wreck [K29] 21° 00.0′ N 119° 29.4′ E
(10(229)10 Manila)

91010 6Ed. 9/2/95 LAST NM 4/12 5/12
Add Wreck [K29] 23° 47.0′ N 119° 08.0′ E
(186/11 Tso-ying)

91010 6Ed. 9/2/95 LAST NM 5/12 9/12
Add Wreck [K29] 22° 38.0′ N 121° 48.0′ E
(201/11 Tso-ying)

91010 6Ed. 9/2/95 LAST NM 9/12 11/12
Add Wreck [K29] 19° 59.7′ N 118° 49.8′ E
(11(229)11 Manila)

91010 6Ed. 9/2/95 LAST NM 11/12 22/12
Delete Racon from light 23° 27.1′ N 120° 01.9′ E

(continued on next page)

91010 (Continued) 22/12
Add Depth 3.5 meters, blue tint and enclosing depth contour (20-meter) centered 23° 13.6′ N 119° 14.3′ E
Depth 4.8 meters, blue tint and enclosing depth contour (20-meter) centered 23° 09.8′ N 119° 10.5′ E
(8, 12/12 Tso-ying; UKHO ARCS 1760-0)

91010 6Ed. 9/2/95 LAST NM 22/12 26/12
Add Wreck [K29] 22° 42.0′ N 119° 53.0′ E
(53/12 Tso-ying)

91010 6Ed. 9/2/95 LAST NM 26/12 31/12
Relocate Buoy from 21° 02.5′ N 118° 45.0′ E to 21° 01.4′ N 118° 50.0′ E
(See 50/11-91010)
(69/12 Tso-ying)

91010 6Ed. 9/2/95 LAST NM 31/12 37/12
Add Wreck [K29] 22° 24.3′ N 121° 15.4′ E
Buoy ODAS [Q58] Or, conical, Fl R 4s 21° 40.6′ N 124° 03.8′ E
(107, 116/12 Tso-ying)

91010 6Ed. 9/2/95 LAST NM 37/12 49/12
Add Wreck [K29] 21° 38.1′ N 120° 55.2′ E
(142/12 Tso-ying)

91010 6Ed. 9/2/95 LAST NM 49/12 33/13
Add Dangerous wreck [K28] "Rep (2013)" (PA) 22° 33.0′ N 116° 14.0′ E
(23(859)13 Tianjin)

91010 6Ed. 9/2/95 LAST NM 33/13 52/13
Add Wreck [K29] 22° 07.6′ N 120° 10.5′ E
Wreck [K29] 22° 23.1′ N 121° 20.0′ E
(144, 150/13 Tso-ying)

★**91020** 6Ed. 11/9/13 NEW EDITION N8/14
(NGA)

★**91025** 8Ed. 10/5/96 NEW EDITION 7/97
(Previously Limited Distribution)

Change Characteristic of light to Fl 5s 16° 18.3′ N 119° 47.1′ E
(NIMA; BA LL)

91025 8Ed. 10/5/96 LAST NM 7/97 10/97
Change Visibility (range) of light to 20M 15° 47.6′ N 119° 47.7′ E
(GIMM010/97)

91025 8Ed. 10/5/96 LAST NM 10/97 13/97
Change Light to Fl 5s 14m 15M 16° 04.6′ N 120° 20.5′ E
(GIMM010/97)

91025 8Ed. 10/5/96 LAST NM 13/97 14/97
Change Characteristic of light to Fl 7s 13° 53.3′ N 120° 01.5′ E
(GIMM010/97)

91025 8Ed. 10/5/96 LAST NM 14/97 18/97
Add Submarine cable joining 14° 09.7′ N 120° 30.0′ E
14° 11.1′ N 120° 28.5′ E
14° 15.1′ N 120° 26.4′ E
14° 16.0′ N 120° 24.5′ E
14° 15.9′ N 120° 24.0′ E
14° 14.9′ N 120° 22.5′ E
14° 14.9′ N 120° 20.5′ E
(6(522)97 Taunton)

91025 8Ed. 10/5/96 LAST NM 18/97 52/97
Delete Stranded wrecks (2) in vicinity 16° 03.9′ N 120° 06.2′ E
(3(14)97 Manila)

91025 8Ed. 10/5/96 LAST NM 52/97 1/98
Change Characteristic of light to Fl(3) 10s 14° 45.1′ N 120° 11.4′ E
(GIMM066/97)

91025 8Ed. 10/5/96 LAST NM 1/98 17/99
Change Light to
Fl 10s 126m 10M 14° 03.5′ N 120° 29.5′ E
Fl(2) G 10s 7M 14° 25.8′ N 120° 29.1′ E
Fl 5s 63m 20M 14° 45.1′ N 120° 11.4′ E
(BA LL)

91025 8Ed. 10/5/96 LAST NM 17/99 36/00
Change Light to Fl(3) 15s 75m 22M 14° 54′ 57″N 120° 00′ 32″E
(7(Sec IV)99 Manila)

91025 8Ed. 10/5/96 LAST NM 36/00 38/00
Change Light to Fl(2) 10s 90m 22M 16° 18′ 26″N 119° 47′ 10″E
(7(Sec IV)99 Manila)

91025 8Ed. 10/5/96 LAST NM 38/00 42/00
Add Wreck [K29] (PA) 14° 28′ 25″N 120° 22′ 00″E
(9(46)99 Manila)

91025 8Ed. 10/5/96 LAST NM 42/00 44/00
Change Light to Oc 5s 66m 22M 13° 53′ 24″N 120° 01′ 18″E
(49(4483)98 Taunton)

91025 8Ed. 10/5/96 LAST NM 44/00 5/01
Change Characteristic of light to Fl 5s 16° 18′ 26″N 119° 47′ 10″E
(See 38/00-91025)
(9(Sec IV)00 Manila)

91025 8Ed. 10/5/96 LAST NM 5/01 9/01
Add Buoy "1" Y, spherical, "X" topmark 16° 33′ 45″N 120° 08′ 59″E
Buoy "21" Y, spherical, "X" topmark 16° 32′ 17″N 120° 03′ 05″E
Legend "FISHING GROUND (see note)" 16° 30′ 00″N 120° 04′ 00″E
Legend "FISHING GROUND (see note)" 16° 30′ 00″N 120° 13′ 00″E

Note
"FISHING GROUNDS
Municipal Fishing Grounds are marked by yellow buoys, approximately 2 miles apart and 10 miles offshore. Mariners should proceed with caution." 16° 24′ 00″N 120° 24′ 00″E
(7(29)00 Manila; 48(4701)00 Taunton)

91025 8Ed. 10/5/96 LAST NM 9/01 40/01
Change Light to Fl R 5s 7M 13° 49′ 00″N 120° 12′ 00″E
(BA LL)

91025 8Ed. 10/5/96 LAST NM 40/01 41/01
Change Light to Fl R 5s 7M 16° 21′ 18″N 120° 20′ 24″E
Light to Fl 5s 26m 15M 16° 22′ 42″N 119° 54′ 48″E

Add Visibility (range) 12M to light 16° 04′ 36″N 120° 06′ 42″E
Visibility (range) 10M to light 16° 16′ 00″N 120° 23′ 00″E
Visibility (range) 10M to light 16° 11′ 42″N 120° 00′ 00″E
(BA LL)

91025 8Ed. 10/5/96 LAST NM 41/01 47/01
Change Characteristic of light to Fl 10s 16° 18′ 26″N 119° 47′ 10″E
(8(100)01 Manila)

91025 8Ed. 10/5/96 LAST NM 47/01 7/02
Change Characteristic of light to Fl 5s 16° 21′ 18″N 120° 20′ 24″E
(See 41/01-91025)
(BA LL)

91025 8Ed. 10/5/96 LAST NM 7/02 10/02
Change Period of light to 5s 16° 18′ 26″N 119° 47′ 10″E
(See 47/01-91025)
(11(140)01 Manila)

91025 8Ed. 10/5/96 LAST NM 10/02 21/02
Add Submarine cable [L30.1] joining 14° 00.1′ N 120° 30.0′ E
13° 59.8′ N 120° 14.9′ E
13° 59.9′ N 120° 03.1′ E

Submarine cable [L30.1] between 14° 01.3′ N 120° 30.0′ E
14° 00.0′ N 120° 06.5′ E
(NTM0012/2002)

91025 8Ed. 10/5/96 LAST NM 21/02 22/02
Add Submarine cable [L30.1] joining 14° 09.1′ N 120° 03.2′ E
14° 06.2′ N 120° 07.5′ E
14° 05.2′ N 120° 08.4′ E
14° 04.4′ N 120° 10.0′ E
14° 03.0′ N 120° 12.4′ E
14° 02.7′ N 120° 13.0′ E
14° 02.4′ N 120° 16.0′ E
14° 02.4′ N 120° 18.0′ E
14° 02.0′ N 120° 24.6′ E
14° 02.2′ N 120° 25.5′ E
14° 02.2′ N 120° 28.0′ E
14° 02.0′ N 120° 30.0′ E
(5(22)00 Manila)

91025 8Ed. 10/5/96 LAST NM 22/02 46/03
Add Submarine cable [L30.1] joining 14° 07.5′ N 120° 25.2′ E
14° 06.1′ N 120° 14.3′ E
14° 06.3′ N 120° 11.1′ E
14° 07.4′ N 120° 08.2′ E
14° 08.3′ N 120° 06.7′ E
14° 08.4′ N 120° 05.5′ E
14° 07.6′ N 120° 03.6′ E

Submarine cable [L30.1] joining 14° 06.5′ N 120° 30.0′ E
14° 07.9′ N 120° 26.4′ E
14° 07.9′ N 120° 24.7′ E
14° 08.9′ N 120° 22.7′ E
14° 06.9′ N 120° 14.5′ E
14° 07.2′ N 120° 10.9′ E
14° 08.3′ N 120° 08.7′ E
14° 12.4′ N 120° 04.0′ E
(33(1280)03 Tokyo)

91025 8Ed. 10/5/96 LAST NM 46/03 14/06
Change Light to Fl(2) 10s 89m 22M 16° 18.5′ N 119° 47.1′ E
(5(102)02 Manila; BA LL)

91025 8Ed. 10/5/96 LAST NM 14/06 8/07
Add Light Fl G 5s 16° 08.0′ N 119° 46.6′ E
(2(11)03 Manila; BA LL)

91025 8Ed. 10/5/96 LAST NM 8/07 14/07
Change Characteristic of light to Fl R 5s 16° 21.3′ N 120° 20.4′ E
(6(81)03 Manila; BA LL)

91025 8Ed. 10/5/96 LAST NM 14/07 51/10
Add Depth 97 meters Wk [K26] 14° 12.2′ N 120° 28.3′ E
(NTM0023/2010)

91025 8Ed. 10/5/96 LAST NM 51/10 52/10
Add Depth 53 meters Wk [K26] 14° 21.8′ N 120° 26.7′ E
(NTM0023/2010)

91025 8Ed. 10/5/96 LAST NM 52/10 6/11
Change Light to Fl G 5s 10M 16° 08.0′ N 119° 46.6′ E
(UKHO LL)

91025 8Ed. 10/5/96 LAST NM 6/11 12/11
Delete Depth 87 meters "Rep (1960)" and enclosing
dotted-line circle centered 15° 02.3′ N 119° 47.4′ E
(NTM0008/2011)

91025 8Ed. 10/5/96 LAST NM 12/11 13/11
Change Light to Fl(2) 10s 22M 13° 53.4′ N 120° 01.3′ E
(8(125)07 Manila; UKHO LL)

91025 8Ed. 10/5/96 LAST NM 13/11 30/11
Add Submarine cable [L30.1] joining 14° 17.3′ N 120° 20.8′ E
14° 18.1′ N 120° 22.0′ E
14° 18.9′ N 120° 23.0′ E
14° 18.6′ N 120° 25.1′ E
14° 19.3′ N 120° 30.0′ E

Submarine cable [L30.1] joining 14° 03.2′ N 120° 13.1′ E
14° 02.9′ N 120° 22.6′ E
14° 04.1′ N 120° 26.1′ E
14° 09.1′ N 120° 30.0′ E
(10(212)05 Manila)

91025 8Ed. 10/5/96 LAST NM 30/11 47/11
Change Light to Fl(3) 5s 74m 22M 14° 54.9′ N 120° 00.5′ E
(4(68)10 Manila; UKHO LL)

91025 8Ed. 10/5/96 LAST NM 47/11 3/13
Substitute Depth 733 meters for 843 meters 14° 46.9′ N 120° 00.9′ E
Depth 78 meters for 86 meters 14° 46.6′ N 120° 03.6′ E
Depth 53 meters for 60 meters 14° 46.2′ N 120° 05.3′ E
Depth 36 meters for 40 meters 14° 46.3′ N 120° 07.1′ E

Add Depth 67 meters 14° 44.8′ N 120° 01.5′ E
(NTM0005/2012)

91025 8Ed. 10/5/96 LAST NM 3/13 52/13
Delete Wreck 14° 44.9′ N 120° 12.0′ E
(NTM0015/2013)

★**91030** 3Ed. 6/18/94 NEW EDITION 40/94
Change Light to
Fl 10s 218ft 21M 12° 36.1′ N 123° 14.2′ E
Fl 4s 49ft 13° 41.2′ N 122° 10.2′ E
Fl 5s 135ft 17M 12° 50.0′ N 123° 47.5′ E
Fl 15s 11M 12° 30.7′ N 124° 04.6′ E
Fl 5s 212ft 20M 12° 39.8′ N 122° 09.0′ E
(DMAHTC; BA LL)

91030 3Ed. 6/18/94 LAST NM 40/94 32/95
Add Light Fl(2) 15s 13° 10.0′ N 122° 35.7′ E
(5(21)95 Manila)

91030 3Ed. 6/18/94 LAST NM 32/95 33/95
Change Light to Fl(3) 15s 212ft 22M 12° 39.8′ N 122° 09.0′ E
Note: Obscured sector remains
(MCC044/95)

91030 3Ed. 6/18/94 LAST NM 33/95 42/95
Change Characteristic of light to Fl 5s 12° 18.6′ N 123° 48.5′ E
(BA LL)

91030 3Ed. 6/18/94 LAST NM 42/95 44/95
Add Light Iso 4s 13° 17.4′ N 123° 58.8′ E
(7(32)95 Manila)

91030 3Ed. 6/18/94 LAST NM 44/95 46/95
Add Light Fl(2) 5s 12° 21.8′ N 122° 41.0′ E
(8(37)95 Manila)

91030 3Ed. 6/18/94 LAST NM 46/95 4/96
Change Visibility (range) of light to 10M 13° 35.0′ N 124° 14.0′ E
(MCC044/95)

91030 3Ed. 6/18/94 LAST NM 4/96 9/96
Change Visibility (range) of light to 7M 13° 24.3′ N 123° 42.8′ E
(MCC044/95)

91030 3Ed. 6/18/94 LAST NM 9/96 23/96
Add Light Fl(2) 10s 12° 17.0′ N 122° 37.6′ E
(SMEA026/96)

91030 3Ed. 6/18/94 LAST NM 23/96 28/96
Change Period of light to 5s 12° 34.0′ N 122° 08.0′ E
(SMEA026/96)

91030 3Ed. 6/18/94 LAST NM 28/96 14/97
Change Characteristic of light to
Fl R 5s 14° 24.7′ N 122° 39.9′ E
Fl G 5s 14° 07.4′ N 123° 03.3′ E

Add Period 5s to light 12° 33.2′ N 123° 44.2′ E
(GIMM010/97)

91030 3Ed. 6/18/94 LAST NM 14/97 52/97
Delete Light 12° 22.8′ N 123° 36.5′ E

Change Period of light to 10s 12° 30.7′ N 124° 04.7′ E

Add Light Fl R 5s 12° 23.0′ N 123° 36.5′ E
(GIMM010, 066/97)

91030 3Ed. 6/18/94 LAST NM 52/97 1/98
Change Characteristic of light to Fl 4s 13° 39.8′ N 124° 01.5′ E

Add Light Fl 5s 13° 58.0′ N 123° 51.4′ E
(5(36)97 Manila; GIMM066/97)

91030 3Ed. 6/18/94 LAST NM 1/98 7/98
Add Submarine cable (power) between 12° 38.9′ N 124° 06.6′ E
12° 34.0′ N 124° 16.3′ E
(7(53)97 Manila)

91030 3Ed. 6/18/94 LAST NM 7/98 18/98
Add Submarine cable joining 12° 03.8′ N 124° 36.3′ E
12° 02.8′ N 124° 36.0′ E
12° 02.1′ N 124° 36.0′ E
12° 00.9′ N 124° 34.5′ E
12° 01.3′ N 124° 28.8′ E
12° 13.6′ N 124° 16.3′ E
12° 14.5′ N 124° 15.5′ E
12° 17.4′ N 124° 14.4′ E
12° 19.4′ N 124° 14.4′ E
12° 27.2′ N 124° 12.3′ E
12° 38.9′ N 124° 12.1′ E
12° 40.4′ N 124° 12.7′ E
12° 41.8′ N 124° 12.8′ E
12° 42.3′ N 124° 13.0′ E
12° 44.0′ N 124° 12.8′ E
12° 45.0′ N 124° 12.4′ E
12° 46.8′ N 124° 12.4′ E
12° 47.1′ N 124° 12.2′ E
12° 47.9′ N 124° 12.1′ E
12° 48.9′ N 124° 12.4′ E
12° 50.5′ N 124° 12.4′ E
12° 51.8′ N 124° 12.8′ E
12° 52.1′ N 124° 13.1′ E
12° 54.0′ N 124° 13.4′ E
12° 59.9′ N 124° 16.1′ E
13° 00.7′ N 124° 16.3′ E
13° 01.6′ N 124° 15.7′ E
13° 03.3′ N 124° 15.6′ E
13° 05.3′ N 124° 14.2′ E
13° 08.6′ N 124° 01.3′ E
13° 10.8′ N 123° 56.1′ E
13° 10.9′ N 124° 54.5′ E
13° 11.3′ N 123° 53.1′ E
13° 10.5′ N 123° 48.8′ E
13° 10.0′ N 123° 46.8′ E
13° 08.2′ N 123° 45.6′ E
(GIMM027/98)

91030 3Ed. 6/18/94 LAST NM 18/98 21/98
Add Submarine cable joining 13° 31.0′ N 123° 00.9′ E
13° 29.5′ N 122° 59.8′ E
13° 28.8′ N 122° 53.0′ E
13° 43.0′ N 122° 38.7′ E
13° 44.1′ N 122° 38.6′ E
13° 45.2′ N 122° 37.5′ E
13° 50.9′ N 122° 34.2′ E
13° 52.9′ N 122° 30.1′ E
13° 53.4′ N 122° 27.4′ E
(GIMM027/98)

91030 3Ed. 6/18/94 LAST NM 21/98 32/98
Change Light to
Fl R 5s 36ft 7M 12° 37.2′ N 122° 07.2′ E
Fl 10s 97ft 17M 12° 28.7′ N 122° 12.0′ E
(BA LL; Phil LL)

91030 3Ed. 6/18/94 LAST NM 32/98 34/98
Delete Submarine cable between 12° 38.9′ N 124° 06.6′ E
12° 34.0′ N 124° 16.3′ E
(Supersedes 7/98-91030)

Add Submarine cable (power) joining 12° 39.0′ N 124° 07.1′ E
12° 38.8′ N 124° 08.2′ E
12° 36.5′ N 124° 11.1′ E
12° 36.1′ N 124° 13.4′ E
12° 34.0′ N 124° 16.4′ E

Legend "(see Note)" 13° 35.0′ N 122° 47.0′ E
13° 07.0′ N 124° 09.0′ E
12° 36.0′ N 124° 15.5′ E
12° 06.0′ N 124° 24.5′ E

Note "SUBMARINE CABLE
Anchoring and fishing are prohibited in
the vicinity of submarine cable." 14° 02.0′ N 125° 15.0′ E
(12(91)97 Manila; GIMM027/98)

91030 3Ed. 6/18/94 LAST NM 34/98 39/99
Change Characteristic of light to Fl G 5s
13° 59′ 07″N 123° 49′ 25″E
(4(Sect IV)98 Manila)

91030 3Ed. 6/18/94 LAST NM 39/99 46/99
Change Characteristic of light to Fl R 4s 13° 44.9′ N 122° 07.9′ E
(8(Sect IV)98 Manila)

91030 3Ed. 6/18/94 LAST NM 46/99 13/00
Add Light Fl 3s 39ft 13° 43.7′ N 123° 12.8′ E
Light Fl 3s 16ft 6M 13° 19.7′ N 123° 13.5′ E
(10(50, 52, Sect IV)99 Manila)

91030 3Ed. 6/18/94 LAST NM 13/00 17/00
Change Light to Fl R 5s 37ft 10M 12° 54.4′ N 123° 35.4′ E
(1(Sect IV)00 Manila; BA LL)

91030 3Ed. 6/18/94 LAST NM 17/00 34/00
Change Characteristic of light to Fl R 5s 12° 30.7′ N 124° 04.7′ E
(2(Sec IV)00 Manila)

91030 3Ed. 6/18/94 LAST NM 34/00 35/00
Change Characteristic of light to Fl R 5s 12° 55.6′ N 124° 07.4′ E
Characteristic of light to Fl 10s 13° 41.2′ N 122° 10.2′ E
Characteristic of light to Fl 5s 13° 39.8′ N 124° 01.5′ E
Characteristic of light to Fl R 5s 13° 39.4′ N 124° 22.5′ E

Add Light Fl R 5s 34ft 11M 13° 44.1′ N 123° 06.8′ E
Light Fl 5s 16ft 7M 13° 13.5′ N 123° 52.3′ E
(1(Sec IV), 4(Sec IV), 6(Sec IV)99, 4(Sec IV)00 Manila; BA LL)

91030 3Ed. 6/18/94 LAST NM 35/00 38/00
Change Light to Fl 10s 136ft 17M 12° 45.2′ N 124° 17.0′ E
Light to Fl 5s 194ft 22M 13° 56.9′ N 124° 21.2′ E
Light to Fl 5s 41ft 9M 12° 30.3′ N 124° 17.0′ E
Characteristic of light to Fl 7s 12° 29.0′ N 124° 08.4′ E
Characteristic of light to Fl R 10s 13° 36.0′ N 124° 05.7′ E
(7(Sec IV)99 Manila)

91030 3Ed. 6/18/94 LAST NM 38/00 39/00
Change Characteristic of light to Fl(2) 5s 13° 27.4′ N 123° 08.8′ E
Light to Fl 5s 138ft 18M 14° 07.8′ N 123° 03.1′ E
Note: Visible sector unchanged

Characteristic of light to Fl 5s 13° 59.1′ N 123° 49.4′ E
(Supersedes 39/99-91030)
(6(Sec IV)99 Manila; BA LL)

91030 3Ed. 6/18/94 LAST NM 39/00 41/00
Change Light to Fl(3) 10s 218ft 20M 12° 36.1′ N 123° 14.2′ E
(48(4373)98 Taunton)

91030 3Ed. 6/18/94 LAST NM 41/00 8/01
Add Depth 4 1/2 fathoms enclosed by depth contour
(5-fathom) 12° 30.3′ N 122° 26.6′ E
(8(36)00 Manila)

91030 3Ed. 6/18/94 LAST NM 8/01 32/01
Change Light to Fl 5s 52ft 10M 13° 43.4′ N 123° 34.7′ E
Light to Fl 7s 307ft 18M 13° 10.7′ N 124° 12.8′ E

Add Light Fl 10s 151ft 10M 13° 00.6′ N 123° 19.2′ E
(4(27, 30, 31)01 Manila)

91030 3Ed. 6/18/94 LAST NM 32/01 34/01
Change Light to Fl 5s 39ft 10M 12° 55.6′ N 124° 07.4′ E
and delete obscured sector
(See 35/00-91030)
(4(25)01 Manila)

91030 3Ed. 6/18/94 LAST NM 34/01 35/01
Change Light to Fl 5s 7M 12° 37.2′ N 122° 07.2′ E
Visibility (range) of light to 10M 12° 18.6′ N 123° 48.5′ E
(BA LL)

91030 3Ed. 6/18/94 LAST NM 35/01 38/01
Change Light to Fl 5s 60ft 18M 14° 24.7′ N 122° 39.9′ E
Visibility (range) of light to 18M 14° 20.0′ N 122° 31.0′ E
Visibility (range) of light to 16M 12° 16.0′ N 122° 38.0′ E

Add Visibility (range) 16M to light 12° 32.6′ N 123° 22.7′ E
(BA LL)

91030 3Ed. 6/18/94 LAST NM 38/01 40/01
Change Light to Fl R 5s 32ft 7M 12° 36.7′ N 124° 26.0′ E
Light to Fl 10s 313ft 20M 12° 39.6′ N 125° 03.5′ E

Add Visibility (range) 12M to light 12° 29.9′ N 122° 29.5′ E
(BA LL)

91030 3Ed. 6/18/94 LAST NM 40/01 41/01
Change Characteristic of light to Fl R 5s 12° 04.0′ N 124° 35.5′ E
Visibility (range) of light to 15M 12° 34.2′ N 123° 44.1′ E
(BA LL)

91030 3Ed. 6/18/94 LAST NM 41/01 43/01
Change Light to Fl R 5s 36ft 18M 13° 35.6′ N 122° 19.2′ E

Add Visibility (range) 12M to light 14° 03.2′ N 124° 10.1′ E
(BA LL)

91030 3Ed. 6/18/94 LAST NM 43/01 47/01
Change Period of light to 10s 13° 27.4′ N 123° 08.8′ E
(BA LL)

91030 3Ed. 6/18/94 LAST NM 47/01 7/02
Change Light to Fl(2) 10s 33ft 16M 12° 16.0′ N 122° 38.0′ E
(See 38/01-91030)
(BA LL)

91030 3Ed. 6/18/94 LAST NM 7/02 10/02
Change Period of light to 4s 13° 39.9′ N 124° 01.5′ E
Visibility (range) of light to 7M 13° 24.0′ N 123° 42.3′ E
(10(118, 128)01 Manila)

91030 3Ed. 6/18/94 LAST NM 10/02 11/02
Change Light to Fl 5s 12° 41.8′ N 123° 23.0′ E
(BA LL)

91030 3Ed. 6/18/94 LAST NM 11/02 21/02
Delete Light 12° 17.0′ N 122° 37.6′ E
(16(1683)02 Taunton)

91030 3Ed. 6/18/94 LAST NM 21/02 42/03
Add Light Fl 5s 12° 11.1′ N 122° 41.8′ E
(3(46)02 Manila)

91030 3Ed. 6/18/94 LAST NM 42/03 7/06
Add Dangerous wreck [K28] (PA) 12° 50.0′ N 124° 10.0′ E
(11(177)03 Manila)

91030 3Ed. 6/18/94 LAST NM 7/06 9/06
Add Light Fl 5s 12° 14.1′ N 124° 22.5′ E
(11(230)02 Manila; BA LL)

91030 3Ed. 6/18/94 LAST NM 9/06 11/06
Add Light Fl 5s 35m 5M 12° 35.8′ N 122° 15.9′ E
(11(244)02 Manila; BA LL)

91030 3Ed. 6/18/94 LAST NM 11/06 13/06
Change Light to Fl 15s 212ft 22M 12° 39.7′ N 122° 09.1′ E
Visibility (range) of light to 7M 13° 39.2′ N 124° 22.5′ E

Add Light Fl R 5s 7M 12° 35.1′ N 122° 15.8′ E
(4(66, 70, 98)02 Manila; BA LL)

91030 3Ed. 6/18/94 LAST NM 13/06 14/06
Change Light to Fl R 10s 33ft 10M 12° 30.7′ N 124° 04.6′ E
(5(103)02 Manila)

91030 3Ed. 6/18/94 LAST NM 14/06 15/06
Add Light Fl G 5s 5m 7M 12° 34.9′ N 122° 15.8′ E
(4(67)02 Manila; BA LL)

91030 3Ed. 6/18/94 LAST NM 15/06 42/06
Change Light to Fl R 5s 35ft 12M 14° 03.1′ N 124° 10.1′ E
Light to Fl 7s 301ft 17M 13° 10.7′ N 124° 12.8′ E
Height of light to 147ft 13° 00.6′ N 123° 19.2′ E

Add Light Fl 5s 67ft 10M 12° 52.6′ N 124° 00.5′ E
(4(20, 26, 27, 30)01 Manila)

91030 3Ed. 6/18/94 LAST NM 42/06 46/06
Add Light Fl 5s 13° 20.8′ N 122° 30.8′ E
(6(138)02 Manila)

91030 3Ed. 6/18/94 LAST NM 46/06 10/07
Change Light to Fl R 5s 53ft 7M 13° 13.5′ N 123° 52.2′ E
(BA LL)

91030 3Ed. 6/18/94 LAST NM 10/07 14/07
Add Light Fl(2) 10s 12° 38.3′ N 124° 05.6′ E
(7(96)03 Manila)

91030 3Ed. 6/18/94 LAST NM 14/07 44/07
Change Characteristic of light to Fl(3) 15s 12° 39.7′ N 122° 09.1′ E
(7(102)07 Manila)

91030 3Ed. 6/18/94 LAST NM 44/07 10/08
Change Visibility (range) of light to 5M 12° 31.0′ N 124° 39.3′ E
(BA LL)

91030 3Ed. 6/18/94 LAST NM 10/08 47/09
Change Light to Fl(3) 5s 222ft 12M 12° 43.0′ N 123° 35.4′ E
Characteristic of light to Fl 5s 12° 34.0′ N 122° 08.0′ E
(8(140, 175)09 Manila)

91030 3Ed. 6/18/94 LAST NM 47/09 44/10
Change Period of light to 5s 12° 16.0′ N 122° 38.0′ E
(UKHO LL)

91030 3Ed. 6/18/94 LAST NM 44/10 46/10
Change Light to Fl(3) 10s 12° 41.8′ N 123° 23.0′ E
(UKHO ARCS 4487-0)

91030 3Ed. 6/18/94 LAST NM 46/10 47/10
Change Height of light to 207ft 12° 45.2′ N 124° 17.0′ E
(UKHO ARCS 4486-0)

91030 3Ed. 6/18/94 LAST NM 47/10 6/11
Add Light Fl(3) 10s 13° 20.5′ N 123° 12.8′ E
(UKHO ARCS 4488-0)

91030 3Ed. 6/18/94 LAST NM 6/11 10/11
Add Light Fl G 10s 43ft 9M 12° 32.0′ N 124° 29.1′ E
(10(206)09 Manila; UKHO LL)

91030 3Ed. 6/18/94 LAST NM 10/11 11/11
Change Light to Fl(3) 5s 138ft 12M 14° 07.8′ N 123° 03.1′ E
Height of light to 184ft 13° 56.9′ N 124° 21.2′ E
Characteristic of light to Fl 10s 12° 36.1′ N 123° 14.2′ E
(UKHO ARCS 4412-0, 4487-0)

91030 3Ed. 6/18/94 LAST NM 11/11 13/11
Change Light to Fl(2) R 5s 108ft 16M 12° 32.6′ N 123° 22.7′ E
(12(248)05 Manila; UKHO LL)

91030 3Ed. 6/18/94 LAST NM 13/11 23/11
Change Light to Fl 5s 49ft 7M 13° 41.2′ N 122° 10.2′ E
(2(38)05 Manila; UKHO LL)

91030 3Ed. 6/18/94 LAST NM 23/11 30/11
Change Light to Fl 5s 59ft 7M 13° 24.0′ N 123° 42.3′ E
(UKHO ARCS 4486-0)

91030 3Ed. 6/18/94 LAST NM 30/11 32/11
Change Characteristic of light to Fl 5s 13° 27.4′ N 123° 08.8′ E
(10(180)07 Manila)

91030 3Ed. 6/18/94 LAST NM 32/11 35/11
Change Light to Fl R 5s 52ft 7M 12° 23.0′ N 123° 36.5′ E
(10(234)08 Manila; UKHO LL)

91030 3Ed. 6/18/94 LAST NM 35/11 46/11
Change Light to Fl 5s 33ft 7M 13° 44.1′ N 123° 06.8′ E
Period of light to 5s 12° 30.7′ N 124° 04.6′ E
(7(137, 138)11 Manila; UKHO LL)

91030 3Ed. 6/18/94 LAST NM 46/11 47/11
Change Light to Fl 5s 307ft 17M 13° 10.7′ N 124° 12.8′ E
(4(39)10 Manila; UKHO LL)

91030 3Ed. 6/18/94 LAST NM 47/11 51/11
Add Buoy Y, spherical, Fl(5) Y 10s 13° 04.4′ N 122° 55.7′ E
(7(149)10 Manila; UKHO ARCS 4487-0)

91030 3Ed. 6/18/94 LAST NM 51/11 10/12
Change Characteristic of light to Fl(2) 10s 14° 07.8′ N 123° 03.1′ E
(See 11/11-91030)

Add Wreck [K29] 13° 25.0′ N 124° 47.4′ E
(11(245)10, 1(11)12 Manila)

91030 3Ed. 6/18/94 LAST NM 10/12 11/12
Add Light Fl 5s 31ft 18M 13° 59.8′ N 122° 10.9′ E
(UKHO LL)

91030 3Ed. 6/18/94 LAST NM 11/12 13/12
Add Light FR 13° 49.1′ N 123° 19.4′ E
(11(230)11 Manila)

91030 3Ed. 6/18/94 LAST NM 13/12 4/13
Add Depth 51 fathoms 12° 43.8′ N 123° 40.4′ E
(NTM0005/2012)

91030 3Ed. 6/18/94 LAST NM 4/13 8/13
Add Depth 59 fathoms 12° 41.6′ N 123° 40.4′ E
Depth 81 fathoms 12° 41.7′ N 123° 42.4′ E
(NTM0004/2013)

★**91040** 1Ed. 12/1/51 NEW CHART 1/52
(USHO)

91040 1Ed. 12/1/51 LAST NM 1/52 15/78
Change Lights to
Fl R 5sec 38ft 10M 13° 35.07′ N 124° 14.03′ E
Fl R 5sec 110ft 7M 13° 56.89′ N 123° 21.19′ E

Add Light Fl 5sec 70ft 10M 13° 39.38′ N 124° 22.31′ E
(US LL; Phil CH 4222)

91040 1Ed. 12/1/51 LAST NM 15/78 20/79
Add Light Fl R 5sec 13° 43′ 23″N 123° 34′ 42″E
(22(70)78 Manila)

★**91040** 1Ed. 12/1/51 LAST NM 20/79 32/84
Change DMA Stock No. to 91BCO91040
in lower right margin of chart
Note: Applicable to certain copies
of this chart only
(DMAHTC)

91040 1Ed. 12/1/51 LAST NM 32/84 39/90
Change Light to Fl R 5s 110ft 7M 13° 56.89′ N 124° 21.19′ E
(Phil CH 4222)

91040 1Ed. 12/1/51 LAST NM 39/90 35/91
Change Light to Fl 5s 108ft 8M 13° 56.89′ N 124° 21.19′ E

Characteristic of light to Fl G 5s 14° 03.15′ N 124° 10.10′ E
(7(25, 27)91 Manila)

91040 1Ed. 12/1/51 LAST NM 35/91 3/92
Change Light to Fl(2) R 10s 36ft 7M 13° 36.0′ N 124° 05.7′ E
(30(2179)91 Taunton)

91040 1Ed. 12/1/51 LAST NM 3/92 13/94
Change Characteristic of light to Fl R 5s
14° 03′ 09″N 124° 10′ 06″E
(2(2)94 Manila)

91040 1Ed. 12/1/51 LAST NM 13/94 29/95
Add Light
Fl(2) 5s 13° 54.78′ N 123° 48.80′ E
Fl 15s 13° 43.45′ N 123° 58.57′ E
(20(1629)95 Taunton)

91040 1Ed. 12/1/51 LAST NM 29/95 44/95
Add Light Fl(2) 5s 14° 03′ 31″N 124° 14′ 02″E
(MCC044/95)

91040 1Ed. 12/1/51 LAST NM 44/95 1/98
Change Characteristic of light to Fl 4s 13° 39′ 51″N 124° 01′ 29″E

Add Light Fl 5s 13° 57′ 57″N 123° 51′ 26″E
(5(36)97 Manila; GIMM066/97)

91040 1Ed. 12/1/51 LAST NM 1/98 39/99
Change Characteristic of light to Fl G 5s
13° 59′ 07″N 123° 49′ 25″E
(4(Sect IV)98 Manila)

91040 1Ed. 12/1/51 LAST NM 39/99 35/00
Delete Light 13° 39′ 23″N 124° 22′ 18″E

Change Characteristic of light to Fl 5s 13° 39′ 51″N 124° 01′ 29″E

Add Light Fl R 5s 70ft 10M 13° 39′ 23″N 124° 22′ 31″E
(4(Sec IV)99 Manila)

91040 1Ed. 12/1/51 LAST NM 35/00 38/00
Change Light to Fl 5s 194ft 22M 13° 56′ 54″N 124° 21′ 12″E
Characteristic of light to Fl R 10s
13° 36′ 00″N 124° 05′ 42″E
(7(Sec IV)99 Manila)

91040 1Ed. 12/1/51 LAST NM 38/00 39/00
Change Characteristic of light to Fl 5s 13° 59′ 07″N 123° 49′ 25″E
(Supersedes 39/99-91040)
(6(Sec IV)99 Manila)

91040 1Ed. 12/1/51 LAST NM 39/00 32/01
Change Light to Fl 5s 52ft 10M 13° 43′ 23″N 123° 34′ 42″E
(4(31)01 Manila)

91040 1Ed. 12/1/51 LAST NM 32/01 43/01
Change Period of light to 10s 14° 03′ 30″N 124° 14′ 00″E
Visibility (range) of light to 12M
14° 03′ 12″N 124° 10′ 06″E
(BA LL)

91040 1Ed. 12/1/51 LAST NM 43/01 48/01
Change Light to Fl(4) 20s 13° 54′ 46″N 123° 48′ 48″E
(BA LL)

91040 1Ed. 12/1/51 LAST NM 48/01 10/02
Change Period of light to 4s 13° 39′ 51″N 124° 01′ 29″E
Period of light to 5s 14° 03′ 30″N 124° 14′ 00″E
(See 43/01-91040)
(10(118), 11(142)01 Manila)

91040 1Ed. 12/1/51 LAST NM 10/02 11/02
Change Characteristic of light to Fl 5s 13° 54′ 46″N 123° 48′ 48″E
Period of light to 5s 13° 43′ 28″N 123° 58′ 33″E
(12(161)01 Manila; BA LL)

91040 1Ed. 12/1/51 LAST NM 11/02 13/06
Change Visibility (range) of light to 7M
13° 39′ 22″N 124° 22′ 31″E
(BA LL)

91040 1Ed. 12/1/51 LAST NM 13/06 47/10
Change Light to Fl(3) 15s 13° 54′ 46″N 123° 48′ 48″E
(UKHO ARCS 4412-0)

91040 1Ed. 12/1/51 LAST NM 47/10 11/11
Change Height of light to 184ft 13° 56′ 54″N 124° 21′ 12″E
(UKHO ARCS 4412-0)

91040 1Ed. 12/1/51 LAST NM 11/11 30/11
Change Period of light to 15s 13° 43′ 28″N 123° 58′ 33″E
(UKHO LL)

91040 1Ed. 12/1/51 LAST NM 30/11 41/11
Change Period of light to 10s 14° 03′ 30″N 124° 14′ 00″E
(4(72)11 Manila)

91040 1Ed. 12/1/51 LAST NM 41/11 22/12
Add Light Fl(2) 5s (PA) 13° 33′ 30″N 123° 32′ 21″E
(2(15)12 Manila)

★91060 2Ed. 8/31/13 NEW EDITION N51/13
(NGA)

★91080 4Ed. 2/3/96 NEW EDITION 11/96
Change Cautions note to
"CAUTIONS
1. Detailed information has been omitted or generalized in areas covered by larger scale charts. In such areas, only the principal aids to navigation are maintained on this chart by Notice to Mariners.
2. Anchoring or fishing within 500 meters of the cable is prohibited." 14° 02.7′ N 122° 41.5′ E

Add Legend "CAUTION NO 2" 14° 39.5′ N 122° 36.2′ E
14° 34.5′ N 122° 09.0′ E
14° 34.1′ N 121° 44.8′ E
(DMA; 12(50)95 Manila)

91080 4Ed. 2/3/96 LAST NM 11/96 14/97
Change Characteristic of light to Fl R 5s 14° 24.5′ N 122° 40.0′ E
(GIMM010/97)

91080 4Ed. 2/3/96 LAST NM 14/97 52/97
Substitute Light Fl R 5s for position circle "Tr"
14° 40.2′ N 121° 36.5′ E

Add Light Fl(2) 10s 7M 14° 46.4′ N 121° 39.5′ E
Visibility (range) 7M to light 14° 41.7′ N 121° 43.9′ E
(GIMM010, 066/97)

91080 4Ed. 2/3/96 LAST NM 52/97 1/98
Add Light
Fl G 5s 14° 45.0′ N 122° 13.9′ E
Fl 5s 14° 41.8′ N 122° 19.0′ E
(GIMM066/97)

91080 4Ed. 2/3/96 LAST NM 1/98 37/99
Add Light Fl(3) 10s 14° 41.1′ N 122° 23.1′ E
(4(16)98 Manila)

91080 4Ed. 2/3/96 LAST NM 37/99 43/99
Relocate Light from 14° 51′ 00″N 121° 58′ 38″E to
14° 51′ 04″N 121° 58′ 47″E

Add Light Fl 5s 15° 01′ 40″N 121° 52′ 07″E
(5(21), 6(24)98 Manila)

91080 4Ed. 2/3/96 LAST NM 43/99 17/00
Change Visibility (range) of light to 7M
14° 42′ 59″N 121° 56′ 10″E
Characteristic of light to Fl(3) 5s
14° 55′ 49″N 121° 48′ 40″E
(3(Sect IV)99 Manila)

91080 4Ed. 2/3/96 LAST NM 17/00 39/00
Change Characteristic of light to Fl 5s 14° 18′ 41″N 122° 39′ 10″E
(6(Sec IV)99 Manila)

91080 4Ed. 2/3/96 LAST NM 39/00 38/01
Change Light to FR 14° 40′ 15″N 121° 36′ 36″E
Light to Fl 5s 18m 18M 14° 24′ 30″N 122° 40′ 00″E
Light to Fl R 5s 10m 5M 14° 11′ 30″N 121° 55′ 24″E
Visibility (range) of light to 18M
14° 20′ 15″N 122° 31′ 00″E
Visibility (range) of light to 18M
13° 59′ 47″N 122° 11′ 00″E
Characteristic of light to Fl R 2s
14° 06′ 08″N 122° 00′ 40″E

Add Visibility (range) 7M to light 13° 57′ 30″N 122° 01′ 24″E
(BA LL)

91080 4Ed. 2/3/96 LAST NM 38/01 48/01
Add Visibility (range) 7M to light 14° 51′ 04″N 121° 58′ 47″E
Visibility (range) 10M to light 14° 12′ 08″N 121° 45′ 08″E
(BA LL)

91080 4Ed. 2/3/96 LAST NM 48/01 11/02
Add Light Fl 5s 15M 14° 57′ 49″N 121° 34′ 01″E
(12(162)01 Manila)

91080 4Ed. 2/3/96 LAST NM 11/02 21/02
Add Light Fl 5s 14° 57′ 04″N 122° 03′ 49″E
(12(1269)02 Taunton)

91080 4Ed. 2/3/96 LAST NM 21/02 13/06
Add Light Fl 5s 12M 14° 11′ 18″N 121° 54′ 35″E
(4(72)02 Manila)

91080 4Ed. 2/3/96 LAST NM 13/06 46/06
Change Light to Fl(2) 10s 17m 12M 14° 14′ 40″N 121° 54′ 00″E

Add Light Fl 3s 14° 08′ 15″N 122° 02′ 46″E
(6(134, 137)02 Manila; BA LL)

91080 4Ed. 2/3/96 LAST NM 46/06 50/06
Change Light to Fl 10s 14° 41′ 12″N 122° 23′ 00″E
(10(211)02 Manila; BA LL)

91080 4Ed. 2/3/96 LAST NM 50/06 8/07
Delete Light 14° 46′ 30″N 121° 39′ 29″E
(3(28)03 Manila)

91080 4Ed. 2/3/96 LAST NM 8/07 11/07
Add Light Fl 7s 14° 41′ 43″N 121° 40′ 18″E
(4(40)03 Manila)

91080 4Ed. 2/3/96 LAST NM 11/07 5/11
Change Period of light to 5s 14° 08′ 15″N 122° 02′ 46″E
Light to Fl 5s 17m 12M 14° 14′ 40″N 121° 54′ 00″E
(9(189), 11(235)10 Manila)

91080 4Ed. 2/3/96 LAST NM 5/11 41/11
Add Visibility (range) 7M to light 14° 41′ 43″N 121° 40′ 18″E
(UKHO LL)

91080 4Ed. 2/3/96 LAST NM 41/11 10/12
Change Period of light to 5s 14° 06′ 08″N 122° 00′ 40″E
(1(3)12 Manila)

91080 4Ed. 2/3/96 LAST NM 10/12 11/12
Add Height 45m to light 13° 56′ 30″N 122° 14′ 37″E
(UKHO LL)

91080 4Ed. 2/3/96 LAST NM 11/12 43/12
Delete Light 14° 00′ 14″N 121° 55′ 18″E

Add Light Fl 3s 4m 14° 00′ 07″N 121° 55′ 48″E
(8(168)12 Manila)

★91081 1Ed. 7/13/85 NEW CHART 37/85
(DMAHTC)

91081 1Ed. 7/13/85 LAST NM 37/85 9/91
(Panel A)
Add Rock awash 13° 59′ 42″N 122° 09′ 33″E
13° 59′ 30″N 122° 10′ 36″E
(23(63)90 Manila)

91081 1Ed. 7/13/85 LAST NM 9/91 38/01
(Panel A)
Change Visibility (range) of light to 18M
13° 59′ 54.0″N 122° 10′ 55.0″E
(BA LL)

91081 1Ed. 7/13/85 LAST NM 38/01 11/12
(Panel B)
Add Height 148ft to light 13° 56′ 47.0″N 122° 14′ 25.8″E
(UKHO LL)

★91096 1Ed. 8/1/51 NEW CHART 51/54
(USHO)

91096 1Ed. 8/1/51 LAST NM 51/54 9/71
Add Light FR 6M 14° 42′ 18″N 122° 19′ 52″E
(46(162)70 Manila)

91096 1Ed. 8/1/51 LAST NM 9/71 10/85
Add Light Fl 5s 14° 51′ 22″N 121° 58′ 38″E
(5(5)84 Manila)

91096 1Ed. 8/1/51 LAST NM 10/85 32/95
Add Light Fl(3) 10s 14° 55′ 54″N 121° 48′ 35″E
(3(9)95 Manila)

91096 1Ed. 8/1/51 LAST NM 32/95 9/96
Add Submarine cable with legend
"SEE CAUTION" joining 14° 33′ 46″N 121° 47′ 00″E
14° 33′ 05″N 121° 51′ 55″E
14° 33′ 36″N 121° 59′ 55″E
14° 34′ 09″N 122° 05′ 36″E
14° 34′ 52″N 122° 15′ 29″E
14° 35′ 41″N 122° 19′ 19″E
14° 35′ 26″N 122° 19′ 55″E
14° 35′ 33″N 122° 22′ 02″E
14° 36′ 21″N 122° 27′ 55″E
14° 37′ 06″N 122° 33′ 00″E

Note
"CAUTION
Anchoring or fishing with 500 meters of
the cable is prohibited." 14° 42′ 30″N 122° 23′ 00″E
(12(50)95 Manila)

91096 1Ed. 8/1/51 LAST NM 9/96 1/98
Add Light
Fl G 5s 14° 45′ 04″N 122° 13′ 49″E
Fl 5s 14° 41′ 55″N 122° 18′ 53″E
(GIMM066/97)

91096 1Ed. 8/1/51 LAST NM 1/98 37/99
Add Light Fl(3) 10s 14° 41′ 12″N 122° 23′ 00″E
(4(16)98 Manila)

91096 1Ed. 8/1/51 LAST NM 37/99 43/99
Relocate Light from 14° 51′ 22″N 121° 58′ 38″E to
14° 51′ 10″N 121° 58′ 42″E

Add Light Fl 5s 15° 01′ 45″N 121° 52′ 02″E
(5(21), 6(24)98 Manila)

91096 1Ed. 8/1/51 LAST NM 43/99 17/00
Change Visibility (range) of light to 7M
14° 43′ 04″N 121° 56′ 05″E

Characteristic of light to Fl(3) 5s
14° 55′ 54″N 121° 48′ 35″E
(3(Sect IV)99 Manila)

91096 1Ed. 8/1/51 LAST NM 17/00 48/01
Add Visibility (range) 7M to light 14° 51′ 10″N 121° 58′ 42″E
(BA LL)

91096 1Ed. 8/1/51 LAST NM 48/01 21/02
Add Light Fl 5s 14° 57′ 09″N 122° 03′ 44″E
(12(1269)02 Taunton)

91096 1Ed. 8/1/51 LAST NM 21/02 50/06
Change Light to Fl 10s 14° 41′ 12″N 122° 23′ 00″E
(10(211)02 Manila; BA LL)

91096 1Ed. 8/1/51 LAST NM 50/06 13/11
Add Light Fl 5s 15° 03′ 30″N 121° 55′ 48″E
(7(136)05 Manila)

91096 1Ed. 8/1/51 LAST NM 13/11 15/11
Add Light Fl G 5s 15° 02′ 42″N 121° 58′ 24″E
(6(130)05 Manila)

★91100 3Ed. 9/30/95 NEW EDITION 47/95
(Plan)
Substitute Dotted line for dashed line
between 16° 26′ 04″N 122° 13′ 00″E
16° 25′ 12″N 122° 12′ 05″E
between 16° 27′ 08″N 122° 14′ 07″E
16° 27′ 29″N 122° 13′ 34″E
(DMA)

91100 3Ed. 9/30/95 LAST NM 47/95 25/97
Delete Depth 33 meters 16° 11.3′ N 122° 27.4′ E
(BA CH 3806)

91100 3Ed. 9/30/95 LAST NM 25/97 37/06
Substitute Depth 1746 meters for 649 meters
16° 00′ 30″N 122° 02′ 48″E
(Manila CH 4278)

91100 3Ed. 9/30/95 LAST NM 37/06 11/07
Add Light Fl 5s 16° 30′ 30″N 122° 14′ 40″E
(4(39)03 Manila)

91100 3Ed. 9/30/95 LAST NM 11/07 4/12
Delete Legend "wrecks" 16° 15′ 16″N 122° 07′ 52″E

Substitute Depth 0.4 meter for 4.5 meters 16° 12′ 58″N 122° 06′ 39″E
Depth 39 meters for 33 meters 16° 10′ 46″N 122° 04′ 30″E

Depth 5.8 meters, blue tint and enclosing
depth contour (20-meter) for 6.4 meters
16° 09′ 10″N 122° 00′ 53″E
(10(204)10 Manila)

★91116 1Ed. 2/22/60 NEW CHART 16/60
(USHO)

91116 1Ed. 2/22/60 LAST NM 16/60 7/77
Add Buoy "N4", red 13° 12′ 32.3″N 124° 02′ 29.0″E
Bn "3", black 13° 13′ 32.8″N 124° 03′ 22.6″E

Track line "185 ½°" between
13° 13′ 40.0″N 124° 05′ 39.0″E
13° 14′ 37.0″N 124° 05′ 45.7″E

Range bns, each black,
front in 13° 13′ 18.8″N 124° 05′ 37.5″E
rear 13° 13′ 07.4″N 124° 05′ 36.9″E
Dashed line extending in 005 ½°
direction
from rear bn 13° 13′ 07.4″N 124° 05′ 36.9″E
thru front bn to 13° 13′ 40.0″N 124° 05′ 39.0″E
(Phil CH 4259)

★91116 1Ed. 2/22/60 LAST NM 7/77 32/84
Change DMA Stock No. to 91XCO91116
Note: Applicable to certain copies
of this chart only
(DMAHTC)

★91120 3Ed. 8/30/97 NEW EDITION 48/97
(NIMA)

91120 3Ed. 8/30/97 LAST NM 48/97 35/00
Delete Light 18° 23.8′ N 122° 08.0′ E

Add Light Fl G 5s 10M 18° 23.8′ N 122° 07.6′ E
(4(Sec IV)99 Manila; BA LL)

91120 3Ed. 8/30/97 LAST NM 35/00 39/00
Add Light Fl 5s 17° 23.0′ N 122° 14.3′ E
Light Fl 5s 17° 08.4′ N 122° 30.5′ E
(4(Sec IV)99 Manila)

91120 3Ed. 8/30/97 LAST NM 39/00 41/01
Change Visibility (range) of light to 18M 18° 34.7′ N 122° 08.2′ E

Add Visibility (range) 7M to light 18° 28.2′ N 122° 08.5′ E
(BA LL)

91120 3Ed. 8/30/97 LAST NM 41/01 33/09
Delete Depth 971 meters 18° 36′ 25″N 121° 54′ 22″E

Add Depth 453 meters 18° 36′ 19″N 121° 52′ 42″E
(NTM0006/2009)

91120 3Ed. 8/30/97 LAST NM 33/09 37/11
Change Characteristic of light to Fl(3) 5s
18° 28′ 05″N 122° 08′ 32″E
(7(123)10 Manila)

91120 3Ed. 8/30/97 LAST NM 37/11 14/12
Change Characteristic of light to Fl 5s 18° 28′ 05″N 122° 08′ 32″E
(Supersedes 37/11-91120)
(2(26)12 Manila)

★91120 3Ed. 8/30/97 LAST NM 14/12 19/13
Add "Depths to 86 meters rep (2007)" area bound
by dashed line joining 18° 20′ 00″N 122° 21′ 00″E
18° 20′ 00″N 122° 32′ 00″E
18° 15′ 00″N 122° 32′ 00″E
18° 15′ 00″N 122° 21′ 00″E
(NTM0005/2013)

★91140 5Ed. 12/3/11 NEW EDITION 16/12
Change Characteristic of light to Fl 5s 18° 28′ 14″N 122° 08′ 30″E
(NGA; 2(26)12 Manila)

91140 5Ed. 12/3/11 LAST NM 16/12 39/12
Add Dangerous wreck [K28] (PA) 18° 22′ 42″N 121° 38′ 30″E
(3(31)12 Manila)

★91151 3Ed. 12/23/95 NEW EDITION 24/96
(DMA)

91151 3Ed. 12/23/95 LAST NM 24/96 18/00
Add Light Fl G 5s 18° 21′ 43.8″N 121° 37′ 48.2″E
(10(Sect IV)99 Manila)

91151 3Ed. 12/23/95 LAST NM 18/00 34/00
Delete Light "Linao Light" 18° 22′ 32.8″N 121° 35′ 38.2″E

Add Light "Linao Light" Fl 5s 11m 9M
18° 22′ 18.8″N 121° 35′ 47.2″E
(3(8)00 Manila)

91151 3Ed. 12/23/95 LAST NM 34/00 10/10
Delete Light 18° 21′ 43.8″N 121° 37′ 48.2″E

Add Light Fl 5s 18° 21′ 43.8″N 121° 37′ 44.5″E
(9(189)09 Manila)

91151 3Ed. 12/23/95 LAST NM 10/10 39/12
Add Dangerous wreck [K28] (PA)
18° 22′ 42.0″N 121° 38′ 30.0″E
(3(31)12 Manila)

★91160 4Ed. 11/5/11 NEW EDITION 5/12
(NGA)

★91160 4Ed. 11/5/11 LAST NM 5/12 9/12
Delete Depth 552 meters 19° 39′ 54″N 122° 11′ 33″E
Depth 838 meters 19° 29′ 04″N 121° 49′ 45″E

Add Depth 448 meters 19° 40′ 02″N 122° 11′ 44″E
Depth 541 meters 19° 28′ 03″N 122° 01′ 26″E
Depth 447 meters 19° 34′ 28″N 122° 05′ 34″E
Depth 600 meters 19° 29′ 16″N 121° 49′ 56″E
(NTM0005/2012)

★91160 4Ed. 11/5/11 LAST NM 9/12 10/12
Delete Depth 262 meters and depth contour in vicinity
19° 16′ 02″N 121° 18′ 20″E

Blue tint area and enclosing danger line in
vicinity 20° 14′ 00″N 121° 48′ 00″E

Depth 385 meters 19° 14′ 45″N 121° 35′ 12″E

Add Depth 172 meters enclosed by depth contour
(200-meter) centered 19° 16′ 11″N 121° 18′ 20″E

Depth 104 meters 19° 16′ 25″N 121° 16′ 42″E
Depth 104 meters 19° 16′ 08″N 121° 14′ 13″E
Depth 64 meters 20° 02′ 59″N 121° 47′ 48″E
Depth 236 meters 19° 14′ 56″N 121° 34′ 58″E
Depth 465 meters 19° 40′ 30″N 121° 55′ 42″E
Depth 445 meters 20° 06′ 24″N 121° 41′ 52″E
Depth 332 meters 20° 04′ 16″N 121° 45′ 31″E
Depth 314 meters 20° 12′ 27″N 121° 49′ 10″E
Depth 332 meters 20° 12′ 03″N 121° 52′ 20″E
Depth 336 meters 20° 13′ 42″N 121° 53′ 43″E
Depth 248 meters 20° 36′ 02″N 121° 59′ 53″E
Depth 347 meters 20° 21′ 48″N 121° 46′ 25″E
Depth 358 meters 20° 23′ 51″N 121° 50′ 20″E
Depth 371 meters 20° 26′ 20″N 121° 49′ 42″E
Depth 375 meters 20° 29′ 54″N 121° 50′ 23″E
Depth 360 meters 20° 31′ 20″N 121° 50′ 43″E
Depth 377 meters 20° 32′ 13″N 121° 51′ 21″E
Depth 216 meters 20° 32′ 43″N 121° 52′ 45″E
(NTM0005/2012)

★91160 4Ed. 11/5/11 LAST NM 10/12 10/13
Substitute Depth 646 meters for 777 meters
20° 36′ 37″N 121° 42′ 21″E
Depth 12 meters for 13.2 meters
20° 37′ 06″N 121° 59′ 18″E
Depth 552 meters for 704 meters
20° 40′ 18″N 121° 56′ 18″E
Depth 525 meters for 587 meters
20° 41′ 17″N 121° 51′ 58″E
Depth 305 meters for 351 meters
20° 43′ 16″N 121° 53′ 43″E

Depth 196 meters enclosed by depth contour
(200-meter) for 264 meters 20° 49′ 13″N 121° 55′ 24″E

Depth 691 meters for 768 meters
20° 52′ 31″N 121° 52′ 48″E
Depth 263 meters for 311 meters
20° 53′ 36″N 121° 57′ 26″E

Depth 89 meters enclosed by depth contour
(100-meter) for 143 meters 20° 53′ 37″N 121° 56′ 31″E
Depth 81 meters enclosed by depth contour
(100-meter) for 148 meters 20° 53′ 58″N 121° 57′ 01″E

Depth 143 meters for 205 meters
20° 54′ 27″N 121° 56′ 43″E
and extend depth contour (200-meter) N to
enclose

Depth 71 meters for 106 meters
20° 59′ 09″N 121° 54′ 05″E
and extend depth contour (100-meter) SE to
enclose

Depth 63 meters for 84 meters 20° 59′ 26″N 121° 53′ 32″E

Add Depth 988 meters enclosed by depth contour
(1000-meter) centered 20° 28′ 51″N 121° 38′ 40″E

Depth 558 meters 20° 36′ 43″N 121° 42′ 53″E
Depth 108 meters 20° 45′ 12″N 121° 56′ 25″E

Depth 92 meters enclosed by depth contour
(100-meter) centered 21° 00′ 03″N 121° 55′ 05″E

Depth 1003 meters 21° 03′ 35″N 121° 46′ 08″E
(NTM0004/2013)

★91170 3Ed. 5/11/13 NEW EDITION N34/13
(NGA)

★91175 3Ed. 9/20/08 NEW EDITION 1/09
Delete Depth contour in vicinity 19° 50.5′ N 122° 02.7′ E

Add Depth contour (200-meter) centered
20° 14.0′ N 121° 55.0′ E
Legend "Tide Rips" 20° 04.5′ N 121° 49.5′ E
(NGA)

91175 3Ed. 9/20/08 LAST NM 1/09 23/09
Add Depth 685 meters enclosed by depth contour
(1000-meter) centered 18° 49.7′ N 122° 12.7′ E
(NTM0006/2009)

91175 3Ed. 9/20/08 LAST NM 23/09 33/09
Delete Depth 668 meters 19° 03.8′ N 121° 40.9′ E
Depth 1135 meters 19° 08.3′ N 121° 46.5′ E
Depth 1534 meters 19° 08.6′ N 121° 50.4′ E

Add Depth 235 meters 19° 03.7′ N 121° 41.6′ E
Depth 328 meters 19° 09.8′ N 121° 38.1′ E

(continued on next page)

91175 (Continued) 33/09
Depth 836 meters 19° 10.3′ N 121° 48.1′ E
and extend depth contour (1000-meter) close N
to enclose

Depth 408 meters 18° 47.9′ N 121° 07.1′ E
Depth 283 meters 18° 41.7′ N 121° 03.4′ E
Depth 230 meters 18° 45.1′ N 121° 12.3′ E
Depth 93 meters 18° 41.3′ N 121° 06.0′ E
Depth 288 meters 19° 09.9′ N 121° 06.5′ E
(NTM0006/2009)

91175 3Ed. 9/20/08 LAST NM 33/09 2/11
Add Depth 159 meters (PA) enclosed by
depth contour (200-meter) centered 18° 43.5′ N 121° 12.9′ E
(UKHO ARCS 3804-0)

91175 3Ed. 9/20/08 LAST NM 2/11 4/11
Add Wreck [K29] (PA) 18° 40.5′ N 121° 09.3′ E
(5(99)10 Manila)

91175 3Ed. 9/20/08 LAST NM 4/11 23/11
Add Light Fl 5s 7M 20° 20.5′ N 121° 52.3′ E
(2(40)05 Manila; UKHO LL)

91175 3Ed. 9/20/08 LAST NM 23/11 14/12
Add Light Fl 5s 7M 18° 28.3′ N 122° 08.6′ E
(2(26)12 Manila; UKHO LL)

91175 3Ed. 9/20/08 LAST NM 14/12 19/13
Add "Depths to 86 meters rep (2007)" area bound
by dashed line joining 18° 20.0′ N 122° 21.0′ E
18° 20.0′ N 122° 32.0′ E
18° 15.0′ N 122° 32.0′ E
18° 15.0′ N 122° 21.0′ E
(NTM0005/2013)

★91220 3Ed. 8/8/98 NEW EDITION 47/98
Delete Buoyage note 16° 52.5′ N 120° 34.2′ E

Change Visibility (range) of light to
20M 18° 30.7′ N 120° 35.8′ E
7M 17° 12.1′ N 120° 25.1′ E

Light to Fl R 5s 12m 15M 17° 46.3′ N 120° 25.6′ E

Add Visibility (range) 12M to light 16° 49.2′ N 120° 20.3′ E
(NIMA; BA LL; GIMM047/98)

91220 3Ed. 8/8/98 LAST NM 47/98 13/00
Delete Depth 140 meters 17° 37′ 00″N 120° 02′ 24″E
(NTM0017/2000)

91220 3Ed. 8/8/98 LAST NM 13/00 35/00
Change Characteristic of light to Iso R 15s
17° 19′ 54″N 120° 27′ 35″E
(1(Sec IV)99 Manila)

91220 3Ed. 8/8/98 LAST NM 35/00 36/00
Add Wreck [K29] (PA) 17° 59′ 54″N 120° 18′ 05″E
(2(5)99 Manila)

91220 3Ed. 8/8/98 LAST NM 36/00 39/00
Add Light Fl 5s 17° 51′ 18″N 120° 26′ 47″E
(4(Sec IV)99 Manila)

91220 3Ed. 8/8/98 LAST NM 39/00 30/04
Add Depth 95 meters 16° 54′ 36″N 120° 20′ 33″E
Depth 106 meters 16° 55′ 06″N 120° 19′ 12″E
(10(1022)00 Taunton)

91220 3Ed. 8/8/98 LAST NM 30/04 47/10
Change Period of light to 5s 17° 19′ 54″N 120° 27′ 35″E
(UKHO LL)

91220 3Ed. 8/8/98 LAST NM 47/10 51/11
Add Height 10m to light 16° 49′ 13″N 120° 20′ 17″E
(7(121)10 Manila; UKHO LL)

★91240 5Ed. 3/23/96 NEW EDITION 19/96
Change Note to
"BUOYAGE
IALA Buoyage System (Region B) is in
effect for the area covered by this
Chart. See Chart No. 1." 15° 05.5′ N 120° 22.0′ E
(DMA)

91240 5Ed. 3/23/96 LAST NM 19/96 7/97
Change Characteristic of light to Fl 5s 16° 18.3′ N 119° 47.1′ E
(BA LL)

91240 5Ed. 3/23/96 LAST NM 7/97 10/97
Change Visibility (range) of light to 20M 15° 47.6′ N 119° 47.7′ E
(GIMM010/97)

91240 5Ed. 3/23/96 LAST NM 10/97 13/97
Change Light to Fl 5s 14m 15M 16° 04.6′ N 120° 20.5′ E
(GIMM010/97)

91240 5Ed. 3/23/96 LAST NM 13/97 52/97
Delete Stranded wrecks (2) in vicinity 16° 04.2′ N 120° 06.2′ E
(3(14)97 Manila)

91240 5Ed. 3/23/96 LAST NM 52/97 32/98
Delete Buoy 15° 32.1′ N 119° 54.6′ E
15° 30.0′ N 119° 54.5′ E
Beacon 15° 31.4′ N 119° 55.2′ E

Change Buoy "2" to R, conical 15° 31.9′ N 119° 54.2′ E

Add Bearing line extending in 316°
direction from beacon 15° 31.6′ N 119° 54.7′ E
dashed for 0.9 mile, thence
solid for 2 miles

Legend "136°" along bearing line 15° 33.3′ N 119° 52.7′ E
Pilot station symbol 15° 32.9′ N 119° 53.2′ E
(GIMM039/98)

91240 5Ed. 3/23/96 LAST NM 32/98 47/99
Add Position circle "Piles" 16° 12.0′ N 120° 24.4′ E
Buoy (mooring) 16° 12.0′ N 120° 24.5′ E
(8(27)98 Manila)

91240 5Ed. 3/23/96 LAST NM 47/99 48/99
Add Buoy, spherical, Fl 10s 16° 08.0′ N 120° 07.0′ E
(10(35)98 Manila)

91240 5Ed. 3/23/96 LAST NM 48/99 13/00
Add Pilot station symbol [T1.1] 16° 08.3′ N 120° 08.1′ E
(6(31)99 Manila)

91240 5Ed. 3/23/96 LAST NM 13/00 36/00
Change Light to Fl(3) 15s 75m 22M 14° 54.9′ N 120° 00.5′ E
(7(Sec IV)99 Manila)

91240 5Ed. 3/23/96 LAST NM 36/00 38/00
Change Light to Fl(2) 10s 90m 22M 16° 18.3′ N 119° 47.2′ E
(7(Sec IV)99 Manila)

91240 5Ed. 3/23/96 LAST NM 38/00 5/01
Change Characteristic of light to Fl 5s 16° 18.3′ N 119° 47.2′ E
(See 38/00-91240)
(9(Sec IV)00 Manila)

91240 5Ed. 3/23/96 LAST NM 5/01 9/01
Add Buoy "1" Y, spherical, "X" topmark
16° 33′ 45″N 120° 08′ 59″E
Buoy "2" Y, spherical, "X" topmark
16° 32′ 01″N 120° 10′ 05″E
Buoy "3" Y, spherical, "X" topmark
16° 29′ 54″N 120° 10′ 14″E
Buoy "4" Y, spherical, "X" topmark
16° 27′ 58″N 120° 10′ 35″E
Buoy "5" Y, spherical, "X" topmark
16° 25′ 06″N 120° 11′ 26″E
Buoy "6" Y, spherical, "X" topmark
16° 24′ 04″N 120° 11′ 03″E
Buoy "7" Y, spherical, "X" topmark
16° 22′ 04″N 120° 11′ 10″E

(continued on next page)

91240 (Continued) 9/01
Buoy "8" Y, spherical, "X" topmark
16° 20′ 07″N 120° 11′ 38″E
Buoy "9" Y, spherical, "X" topmark
16° 18′ 09″N 120° 11′ 57″E
Buoy "10" Y, spherical, "X" topmark
16° 16′ 09″N 120° 12′ 09″E
Buoy "11" Y, spherical, "X" topmark
16° 14′ 46″N 120° 12′ 35″E
Buoy "12" Y, spherical, "X" topmark
16° 16′ 28″N 120° 10′ 44″E
Buoy "13" Y, spherical, "X" topmark
16° 18′ 27″N 120° 10′ 26″E
Buoy "14" Y, spherical, "X" topmark
16° 20′ 24″N 120° 10′ 13″E
Buoy "15" Y, spherical, "X" topmark
16° 22′ 22″N 120° 09′ 21″E
Buoy "16" Y, spherical, "X" topmark
16° 24′ 12″N 120° 08′ 59″E
Buoy "17" Y, spherical, "X" topmark
16° 25′ 59″N 120° 07′ 55″E
Buoy "18" Y, spherical, "X" topmark
16° 27′ 12″N 120° 06′ 53″E
Buoy "19" Y, spherical, "X" topmark
16° 29′ 21″N 120° 05′ 38″E
Buoy "20" Y, spherical, "X" topmark
16° 31′ 02″N 120° 04′ 35″E
Buoy "21" Y, spherical, "X" topmark
16° 32′ 17″N 120° 03′ 05″E
Legend "FISHING GROUNDS (see note)"
16° 10′ 30″N 120° 13′ 00″E
Legend "FISHING GROUNDS (see note)"
16° 26′ 30″N 120° 15′ 00″E
Legend "FISHING GROUNDS (see note)"
16° 24′ 30″N 120° 05′ 00″E
Note
"FISHING GROUNDS
Municipal Fishing Grounds are marked by yellow buoys, approximately 2 miles apart and 10 miles offshore. Mariners should proceed with caution." 16° 30′ 00″N 120° 25′ 00″E
(7(29)00 Manila; 48(4701)00 Taunton)

91240 5Ed. 3/23/96 LAST NM 9/01 41/01
Change Light to Fl R 5s 7M 16° 21′ 18″N 120° 20′ 24″E
Light to Fl 5s 26m 15M 16° 22′ 42″N 119° 54′ 48″E
Visibility (range) of light to 20M
16° 36′ 54″N 120° 16′ 48″E
(BA LL)

91240 5Ed. 3/23/96 LAST NM 41/01 44/01
(Plan)
Add Pilot station symbol [T1.1] 15° 45′ 41.0″N 119° 52′ 30.0″E
(14(1464)00 Taunton)

91240 5Ed. 3/23/96 LAST NM 44/01 45/01
Add Visibility (range) 4M to light 16° 38′ 47″N 120° 18′ 56″E
(BA LL)

91240 5Ed. 3/23/96 LAST NM 45/01 47/01
Change Period of light to 10s 16° 18′ 26″N 119° 47′ 10″E
(8(100)01 Manila)

91240 5Ed. 3/23/96 LAST NM 47/01 7/02
Change Characteristic of light to Fl 5s 16° 21′ 18″N 120° 20′ 24″E
(See 41/01-91240)
(BA LL)

91240 5Ed. 3/23/96 LAST NM 7/02 10/02
Change Period of light to 5s 16° 18′ 26″N 119° 47′ 10″E
(Supersedes 47/01-91240)

Add Light Fl G 5s 10M 16° 07′ 54″N 119° 46′ 39″E
(10(120), 11(140)01 Manila)

91240 5Ed. 3/23/96 LAST NM 10/02 14/06
Change Light to Fl(2) 10s 89m 22M 16° 18′ 32″N 119° 47′ 05″E
(5(102)02 Manila; BA LL)

91240 5Ed. 3/23/96 LAST NM 14/06 8/07
Change Light to Fl G 5s 16° 08′ 00″N 119° 46′ 34″E
(2(11)03 Manila)

91240 5Ed. 3/23/96 LAST NM 8/07 14/07
Change Characteristic of light to Fl R 5s
16° 21′ 18″N 120° 20′ 24″E
(6(81)03 Manila; BA LL)

91240 5Ed. 3/23/96 LAST NM 14/07 47/10
Add Light Fl G 5s 10M 16° 11′ 35″N 120° 00′ 13″E
(2(26)09 Manila; UKHO LL)

91240 5Ed. 3/23/96 LAST NM 47/10 6/11
Change Light to Fl G 5s 10M 16° 08′ 00″N 119° 46′ 34″E

Add Light Fl R 5s 12M 16° 04′ 36″N 120° 06′ 42″E
(UKHO ARCS 3806-0; UKHO LL)

91240 5Ed. 3/23/96 LAST NM 6/11 10/11
Add Light Fl R 5s 10M 16° 16′ 18″N 120° 23′ 36″E
(UKHO ARCS 3806-0)

91240 5Ed. 3/23/96 LAST NM 10/11 12/11
Delete Depth 87 meters "Rep (1960)" and enclosing depth contour (100-meter) in vicinity
15° 02′ 15″N 119° 47′ 30″E
(NTM0008/2011)

91240 5Ed. 3/23/96 LAST NM 12/11 47/11
Change Light to Fl(3) 5s 74m 22M 14° 54′ 57″N 120° 00′ 30″E
(4(68)10 Manila; UKHO LL)

91240 5Ed. 3/23/96 LAST NM 47/11 51/11
Change Light to Fl G 5s 10m 12M 16° 49′ 07″N 120° 20′ 05″E
(7(121)10 Manila; UKHO LL)

91240 5Ed. 3/23/96 LAST NM 51/11 8/12
Add Light Fl G 5s 16° 18′ 50″N 120° 00′ 49″E
(8(174)11 Manila)

91240 5Ed. 3/23/96 LAST NM 8/12 51/13
Add Submarine cable [L30.1] joining
16° 32′ 44″N 120° 19′ 12″E
16° 32′ 03″N 120° 16′ 07″E
16° 34′ 59″N 120° 11′ 02″E

Submarine cable [L30.1] joining
16° 32′ 44″N 120° 19′ 11″E
16° 33′ 08″N 120° 15′ 45″E
16° 35′ 49″N 120° 12′ 26″E
(5(78)10 Port Klang; UKHO ARCS 4411-0)

★91247 6Ed. 2/7/09 NEW EDITION N14/09
(NGA)

★91273 4Ed. 6/16/12 NEW EDITION N37/12
(NGA)

★91280 8Ed. 3/31/12 NEW EDITION N29/12
(NGA)

★91280 8Ed. 3/31/12 LAST NM N29/12 N3/13
Substitute Depth 733 meters for 823 meters 14° 46.9′ N 120° 00.9′ E
Depth 67 meters for 91 meters 14° 44.8′ N 120° 01.5′ E
Depth 78 meters for 84 meters 14° 46.6′ N 120° 03.6′ E
Depth 52 meters for 59 meters 14° 48.0′ N 120° 04.3′ E
Depth 53 meters for 66 meters 14° 46.2′ N 120° 05.3′ E
Depth 45 meters for 51 meters 14° 45.4′ N 120° 05.7′ E
Depth 36 meters for 40 meters 14° 46.3′ N 120° 07.1′ E

Depth 13.1 meters, blue tint and enclosing depth contour (20-meter) for 35 meters
14° 48.5′ N 120° 05.9′ E

Depth 197 meters for 311 meters and extend depth contour (200-meter) W to enclose 14° 47.5′ N 120° 01.7′ E
(NTM0005/2012)

★91280 8Ed. 3/31/12 LAST NM N3/13 N4/13
Substitute Wreck [K29] for swept depth 18.6 meters Wk
14° 25.6′ N 120° 36.5′ E
(NTM0005/2012)

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★**91280** 8Ed. 3/31/12 LAST NM N4/13 N5/13
Delete Wreck 14° 29.9′ N 120° 45.1′ E

Depth 0.2 meter "Rep" and enclosing
dotted-line circle centered 14° 47.6′ N 120° 12.4′ E

Add Depth 34 meters Obstn [K41] 14° 27.6′ N 120° 42.6′ E
Depth 45 meters Wk [K26] 14° 24.1′ N 120° 36.0′ E
Depth 48 meters Wk [K26] 14° 24.0′ N 120° 35.4′ E
Depth 23.7 meters Rk [K14.2] 14° 22.4′ N 120° 31.3′ E
Depth 57 meters Wk [K26] 14° 20.9′ N 120° 28.7′ E
Depth 40 meters Wk [K26] 14° 19.5′ N 120° 37.3′ E
Depth 68 meters Wk [K26] 14° 14.6′ N 120° 32.0′ E
Depth 60 meters Wk [K26] 14° 15.3′ N 120° 32.6′ E
Depth 63 meters Wk [K26] 14° 16.8′ N 120° 32.1′ E
Depth 52 meters Wks [K26] 14° 21.1′ N 120° 28.3′ E
Depth 47 meters Obstn [K41] 14° 21.5′ N 120° 30.2′ E
Depth 18.6 meters Wk [K26] 14° 22.1′ N 120° 34.8′ E
Depth 53 meters Wk [K26] 14° 21.2′ N 120° 37.2′ E
Depth 0.5 meter Wk [K26] 14° 22.3′ N 120° 34.3′ E
Depth 52 meters Wk [K26] 14° 21.2′ N 120° 30.8′ E
Depth 78 meters Wk [K26] 14° 18.9′ N 120° 25.7′ E
Depth 79 meters Wk [K26] 14° 19.9′ N 120° 25.4′ E
Depth 52 meters Wk [K26] 14° 07.9′ N 120° 31.7′ E
Depth 70 meters Wk [K26] 14° 20.2′ N 120° 26.3′ E
Depth 44 meters Wk [K26] 14° 23.8′ N 120° 31.3′ E
Depth 47 meters Wk [K26] 14° 23.0′ N 120° 29.8′ E
Depth 49 meters Obstns [K41] 14° 23.1′ N 120° 30.6′ E
Depth 95 meters Obstn [K41] 14° 16.1′ N 120° 29.5′ E
Depth 65 meters Obstn [K41] 14° 09.4′ N 120° 32.5′ E
Depth 72 meters Wk [K26] 14° 12.4′ N 120° 31.8′ E
Depth 65 meters Wk [K26] 14° 18.9′ N 120° 29.1′ E
(NTM0005/2012)

★**91280** 8Ed. 3/31/12 LAST NM N5/13 N8/13
Substitute Depth 318 meters for 393 meters 14° 16.6′ N 120° 27.4′ E
Depth 137 meters for 165 meters 14° 15.6′ N 120° 28.9′ E
(NTM0004/2013)

91280 8Ed. 3/31/12 LAST NM N8/13 N52/13
Delete Buoy 14° 46.5′ N 120° 12.2′ E
Wreck 14° 44.9′ N 120° 12.1′ E
(NTM0015/2013; 7(100)13 Manila)

★**91286** 11Ed. 12/3/11 NEW EDITION N17/12
Add Light Fl R 5s 14° 48′ 45.4″N 120° 17′ 20.8″E

Buoy Y, conical, "X" topmark, Fl Y 4s
[Q130.6] 14° 47′ 43.1″N 120° 12′ 27.3″E
Buoy Y, conical, "X" topmark, Fl Y 4s
[Q130.6] 14° 48′ 07.8″N 120° 12′ 35.9″E
(Previously published 8/12)

Add Light Fl R 5s 14° 48′ 30.4″N 120° 17′ 37.9″E
Light 2 Fl R 5s 14° 49′ 01.1″N 120° 17′ 36.5″E
Light Fl G 4s 14° 49′ 12.2″N 120° 17′ 25.7″E
Light Fl R 4s 14° 49′ 11.9″N 120° 17′ 29.3″E

Purple tint area (traffic separation zone) [M13]
bound by limit joining 14° 46′ 47.9″N 120° 12′ 47.3″E
14° 48′ 55.1″N 120° 15′ 13.5″E
14° 48′ 53.5″N 120° 15′ 14.9″E
14° 46′ 46.1″N 120° 12′ 49.1″E

(Plan A)
Add Light Fl R 5s 14° 48′ 45.4″N 120° 17′ 20.8″E
(Previously published 8/12)

Change Period of light to 4s 14° 49′ 12.5″N 120° 17′ 25.6″E
Period of light to 4s 14° 49′ 11.8″N 120° 17′ 29.8″E

Add Light Fl R 5s 14° 48′ 30.6″N 120° 17′ 36.9″E
Light 2 Fl R 5s 14° 49′ 01.1″N 120° 17′ 36.5″E
(NGA; 11(228)11 Manila; UKHO ARCS 983-0)

91286 11Ed. 12/3/11 LAST NM N17/12 N22/12
Add Solid line (jetty) [F14] between
14° 47′ 40.8″N 120° 17′ 11.5″E
14° 47′ 46.5″N 120° 17′ 15.4″E
(2(13)12 Manila)

91286 11Ed. 12/3/11 LAST NM N22/12 N51/12
Delete Buoy "No 1" 14° 46′ 08.1″N 120° 15′ 06.2″E
Buoy "No 2" 14° 48′ 02.8″N 120° 17′ 11.7″E
Buoy (mooring) "No 19" 14° 48′ 24.3″N 120° 17′ 09.3″E
Buoy (mooring) "No 29" 14° 47′ 58.5″N 120° 17′ 21.7″E
Buoy (mooring) "No 26" 14° 46′ 25.7″N 120° 15′ 41.4″E
Buoy (mooring) "No 38" 14° 47′ 48.9″N 120° 17′ 21.2″E
Buoy (mooring) 14° 48′ 05.5″N 120° 15′ 24.2″E
Buoy (mooring) 14° 48′ 05.4″N 120° 15′ 29.9″E
Buoy (mooring) 14° 47′ 58.9″N 120° 15′ 32.4″E
Buoy (mooring) 14° 48′ 15.3″N 120° 16′ 08.7″E
Buoy (mooring) 14° 48′ 13.8″N 120° 15′ 57.4″E
Buoy (mooring) 14° 48′ 11.9″N 120° 17′ 11.1″E
Buoy (mooring) 14° 48′ 12.3″N 120° 17′ 34.6″E
Buoy (mooring) 14° 48′ 10.6″N 120° 17′ 36.2″E
Buoy (mooring) 14° 47′ 56.3″N 120° 17′ 15.0″E
Buoy 14° 48′ 32.7″N 120° 15′ 47.7″E
Buoy 14° 48′ 16.8″N 120° 16′ 50.3″E
(6(108)12 Manila)

★**91286** 11Ed. 12/3/11 LAST NM N51/12 N5/13
Delete Dangerous submerged rock 14° 46′ 03.5″N 120° 13′ 21.5″E

Depth 0.6 meter "Shoal Rep (2000)", blue tint
and enclosing dotted-line circle centered
14° 47′ 36.2″N 120° 12′ 33.0″E

Depth 33 meters 14° 46′ 05.9″N 120° 13′ 16.1″E

Add Depth 32 meters Wk [K26] 14° 46′ 05.8″N 120° 13′ 15.6″E
Depth 48 meters Wk [K26] 14° 46′ 25.2″N 120° 12′ 54.5″E

Depth 25 meters Obstn [K41]
14° 46′ 38.9″N 120° 13′ 16.5″E
Danger circle "Obstns" [K40]
14° 46′ 43.1″N 120° 13′ 26.6″E
Danger circle "Obstn" [K40]
14° 46′ 37.2″N 120° 13′ 34.4″E
Danger circle "Obstn" [K40]
14° 47′ 07.8″N 120° 13′ 42.4″E
Danger circle "Obstn" [K40]
14° 46′ 44.3″N 120° 13′ 53.0″E

Wreck [K29] 14° 47′ 39.7″N 120° 14′ 38.4″E

Danger circle "Obstn" [K40]
14° 47′ 31.4″N 120° 14′ 31.2″E
Danger circle "Obstn" [K40]
14° 48′ 00.3″N 120° 15′ 15.4″E
(NTM0005/2012)

★**91286** 11Ed. 12/3/11 LAST NM N5/13 N8/13
Substitute Depth 14.4 meters for 16.3 meters
14° 45′ 35.6″N 120° 13′ 54.9″E

Add Depth 10.3 meters 14° 47′ 49.9″N 120° 14′ 54.8″E

Depth 5.6 meters enclosed by depth contour
(10-meter) centered 14° 47′ 46.2″N 120° 12′ 12.5″E
Depth 6 meters enclosed by depth contour
(10-meter) centered 14° 47′ 43.4″N 120° 12′ 12.8″E
Depth 26 meters enclosed by depth contour
(30-meter) centered 14° 47′ 26.4″N 120° 12′ 20.5″E

Depth 4.6 meters, blue tint and enclosing
depth contour (5-meter) centered
14° 46′ 45.2″N 120° 12′ 03.1″E

Depth 16.2 meters enclosed by depth contour
(20-meter) centered 14° 45′ 37.0″N 120° 13′ 51.6″E
Depth 10 meters enclosed by depth contour
(10-meter) centered 14° 45′ 19.1″N 120° 13′ 38.4″E
(NTM0004/2013)

91286 11Ed. 12/3/11 LAST NM N8/13 N52/13
Delete Buoy 14° 46′ 30.0″N 120° 12′ 15.5″E
Wreck 14° 44′ 55.1″N 120° 12′ 05.1″E
(NTM0015/2013; 7(100)13 Manila)

★**91289** 19Ed. 5/30/92 NEW EDITION 31/92
(DMAHTC)

91289 19Ed. 5/30/92 LAST NM 31/92 21/93
Delete Floating dock 14° 49.1′ N 120° 17.3′ E
14° 48.7′ N 120° 17.1′ E
(MCC1245/93)

91289 19Ed. 5/30/92 LAST NM 21/93 1/98
Change Characteristic of light to Fl(3) 10s 14° 45.1′ N 120° 11.3′ E

Add Light Fl 5s 14° 50′ 08″N 120° 14′ 11″E
(GIMM066/97)

91289 19Ed. 5/30/92 LAST NM 1/98 36/98
Add Submarine cable joining 14° 45′ 53″N 120° 14′ 58″E
14° 46′ 09″N 120° 14′ 57″E
14° 46′ 57″N 120° 14′ 00″E
14° 46′ 57″N 120° 13′ 21″E
14° 46′ 39″N 120° 12′ 48″E
14° 45′ 49″N 120° 12′ 22″E
14° 42′ 28″N 120° 12′ 47″E
14° 40′ 05″N 120° 12′ 36″E
14° 38′ 52″N 120° 12′ 43″E
14° 37′ 37″N 120° 12′ 58″E
14° 36′ 30″N 120° 13′ 34″E

Legend "(see Note)" 14° 47′ 03″N 120° 13′ 42″E
14° 43′ 09″N 120° 12′ 45″E

Note "SUBMARINE CABLES
Anchoring and fishing are prohibited in
the vicinity of the submarine cable."
14° 42′ 00″N 120° 16′ 33″E
(GIMM027/98)

91289 19Ed. 5/30/92 LAST NM 36/98 17/99
Change Characteristic of light to Fl 5s 14° 45.1′ N 120° 11.3′ E
(BA LL)

91289 19Ed. 5/30/92 LAST NM 17/99 18/00
Add Depth 0.6 meter [I3.2] "Shoal Rep (2000)"
14° 47′ 36.0″N 120° 12′ 33.0″E
(NTM0001/2000)

91289 19Ed. 5/30/92 LAST NM 18/00 13/02
Delete Depth 8.5 meters 14° 50′ 06.0″N 120° 13′ 56.0″E

Add Light Fl 5s to position circle
14° 49′ 55.2″N 120° 14′ 05.2″E
and delete legend "Tr"

Buoy, spar, IQG 14° 48′ 20.4″N 120° 14′ 18.6″E
Dangerous submerged rock 14° 50′ 07.2″N 120° 13′ 58.2″E
Depth 6.4 meters 14° 50′ 45.0″N 120° 14′ 43.2″E

Depth 0.4 meter, blue tint and enclosing
dotted-line circle 14° 50′ 56.4″N 120° 13′ 48.6″E

Solid line (jetty) [F14] between
14° 52′ 36.0″N 120° 13′ 51.2″E
14° 52′ 25.8″N 120° 13′ 49.2″E

Solid line (jetty) [F14] joining
14° 52′ 25.2″N 120° 13′ 47.4″E
14° 52′ 27.0″N 120° 13′ 51.6″E
14° 52′ 30.0″N 120° 13′ 52.2″E

Solid line (jetty extension) [F14] between
14° 52′ 57.6″N 120° 14′ 33.6″E
14° 52′ 54.6″N 120° 14′ 35.4″E

Legend "Port Dizon (PA)" 14° 50′ 53.0″N 120° 14′ 30.0″E
(20(2061)01, 1(27)02 Taunton)

91289 19Ed. 5/30/92 LAST NM 13/02 19/02
Delete Solid line between 14° 52′ 57.6″N 120° 14′ 33.6″E
14° 52′ 54.6″N 120° 14′ 35.4″E

Add Solid line (jetty extension) [F14] between
14° 50′ 57.6″N 120° 14′ 33.6″E
14° 50′ 54.6″N 120° 14′ 35.4″E
(See 13/02-91289)
(20(2061)01Taunton)

91289 19Ed. 5/30/92 LAST NM 19/02 20/02
Delete Visibility (range) from light 14° 49′ 25.0″N 120° 16′ 05.0″E
(BA LL)

91289 19Ed. 5/30/92 LAST NM 20/02 43/03
Add Fish trap symbol [K44.2] 14° 43′ 00.6″N 120° 14′ 12.6″E
(3(58)02 Manila)

91289 19Ed. 5/30/92 LAST NM 43/03 50/08
Delete Dashed line joining 14° 51′ 50.0″N 120° 13′ 20.0″E
14° 50′ 53.0″N 120° 13′ 21.0″E
14° 48′ 36.0″N 120° 14′ 36.0″E

Dashed line between 14° 48′ 35.0″N 120° 14′ 39.0″E
14° 48′ 58.0″N 120° 15′ 08.0″E

Dashed line joining 14° 51′ 52.0″N 120° 13′ 03.4″E
14° 50′ 45.5″N 120° 13′ 04.8″E
14° 48′ 21.0″N 120° 14′ 21.0″E
14° 47′ 06.0″N 120° 12′ 47.0″E

Dashed line between 14° 48′ 38.0″N 120° 15′ 23.0″E
14° 46′ 47.0″N 120° 13′ 04.0″E

Buoy "7" 14° 48′ 32.0″N 120° 12′ 55.0″E
Buoy 14° 48′ 20.4″N 120° 14′ 18.6″E
Buoy "S" 14° 48′ 32.0″N 120° 14′ 36.5″E
Buoy "A" 14° 48′ 45.0″N 120° 15′ 14.0″E
Buoy "6" 14° 47′ 49.0″N 120° 14′ 38.0″E
Buoy "4" 14° 50′ 57.5″N 120° 13′ 23.0″E
Buoy "5" 14° 50′ 59.0″N 120° 12′ 59.0″E
Buoy "1" 14° 46′ 08.5″N 120° 15′ 04.0″E
Buoy "2" 14° 49′ 44.2″N 120° 14′ 00.0″E

Change Buoy "4" to (undesignated) R, pillar, Fl(2) R 4s
14° 46′ 35.0″N 120° 13′ 10.0″E

Buoy "3" to (undesignated) G, pillar,
can topmark, Fl G 4s 14° 46′ 29.0″N 120° 12′ 15.0″E

Buoy "8" to (undesignated) R, pillar,
cone topmark, Fl R 4s 14° 48′ 28.6″N 120° 15′ 34.4″E

Buoy "2" to (undesignated) R, pillar,
cone topmark, Fl R 4s 14° 45′ 05.0″N 120° 13′ 28.0″E

Light to Fl G 6s 14° 49′ 55.2″N 120° 14′ 05.2″E
Color of buoy "3" to B 14° 46′ 02.5″N 120° 15′ 19.1″E

Add Dashed line (outside channel limit) between
14° 46′ 36.2″N 120° 13′ 10.1″E
14° 48′ 37.8″N 120° 15′ 29.7″E

Dashed line (inside channel limit) between
14° 46′ 47.1″N 120° 12′ 48.5″E
14° 48′ 54.4″N 120° 15′ 14.2″E

Dashed line (outside channel limit) joining
14° 46′ 58.2″N 120° 12′ 26.4″E
14° 48′ 31.6″N 120° 14′ 13.3″E
14° 50′ 26.6″N 120° 13′ 09.3″E
14° 50′ 57.9″N 120° 13′ 02.9″E
14° 51′ 53.3″N 120° 13′ 02.7″E

Dashed line (outside channel limits) joining
14° 49′ 11.1″N 120° 14′ 58.6″E
14° 48′ 47.5″N 120° 14′ 31.6″E
14° 49′ 39.5″N 120° 14′ 00.2″E
14° 50′ 57.9″N 120° 13′ 19.4″E
14° 51′ 53.4″N 120° 13′ 19.2″E

Buoy R, pillar, cone topmark, Fl R 4s
14° 45′ 49.6″N 120° 13′ 19.4″E
Buoy RW, pillar, ball topmark, Iso 2s [Q130.5]
14° 46′ 47.1″N 120° 12′ 48.3″E
Buoy G, pillar, can topmark, Fl(2) G 4s
14° 46′ 58.1″N 120° 12′ 26.1″E
Buoy R, pillar, cone topmark, Fl R 4s
14° 47′ 17.1″N 120° 13′ 57.1″E
Buoy R, pillar, cone topmark, Fl(2) R 4s
14° 47′ 57.9″N 120° 14′ 43.4″E
Buoy RW, pillar, ball topmark, Iso 2s [Q130.5]
14° 48′ 42.1″N 120° 15′ 00.1″E
Buoy R, pillar, cone topmark, Fl R 4s
14° 49′ 36.6″N 120° 14′ 04.0″E
Buoy G, pillar, can topmark, Fl G 4s
14° 48′ 19.3″N 120° 13′ 02.0″E
Buoy G, pillar, can topmark, Fl G 4s
14° 48′ 31.2″N 120° 14′ 13.9″E
Buoy G, pillar, can topmark, Fl G 4s
14° 50′ 26.2″N 120° 13′ 09.9″E
Buoy R, pillar, cone topmark, Fl(2) R 4s
14° 50′ 58.8″N 120° 13′ 20.8″E
Buoy G, pillar, can topmark, Fl(2) G 4s
14° 50′ 58.8″N 120° 13′ 03.8″E
Buoy G, pillar, can topmark, Fl G 4s
14° 51′ 53.8″N 120° 13′ 03.4″E
Buoy Y, pillar, "X" topmark, Fl Y 4s [Q130.6]
14° 48′ 01.4″N 120° 17′ 29.5″E
Buoy Y, pillar, "X" topmark, Fl Y 4s [Q130.6]
14° 48′ 30.1″N 120° 16′ 30.0″E
Buoy Y, pillar, "X" topmark, Fl Y 4s [Q130.6]
14° 48′ 09.8″N 120° 17′ 10.1″E
Buoy Y, pillar, "X" topmark, Fl Y 4s [Q130.6]
14° 46′ 33.2″N 120° 15′ 15.2″E

Buoy "1" G, pillar, Fl G 14° 46′ 08.0″N 120° 15′ 06.2″E
Light Fl(2) 10s 12M 14° 46′ 29.5″N 120° 13′ 24.2″E

(continued on next page)

91289 (Continued) 50/08
Visibility (range) 8M to light
14° 45′ 51.0″N 120° 15′ 14.5″E
Fish trap symbol [K44.2] 14° 50′ 19.0″N 120° 12′ 49.0″E

"Fishing traps" area [K45] bound by
dashed line joining 14° 51′ 05.0″N 120° 12′ 38.0″E
14° 51′ 18.0″N 120° 12′ 36.0″E
14° 51′ 32.0″N 120° 12′ 36.0″E
14° 51′ 32.0″N 120° 12′ 52.0″E
14° 51′ 18.0″N 120° 12′ 58.0″E
14° 51′ 05.0″N 120° 12′ 50.0″E
(1(18), 2(57)05, 2(37), 8(147), 9(164), 12(226-230)06, 7(174)08 Manila; BA LL)

91289 19Ed. 5/30/92 LAST NM 50/08 8/12
Add Buoy Y, conical, "X" topmark, Fl Y 4s
[Q130.6] 14° 47′ 43.1″N 120° 12′ 27.3″E
Buoy Y, conical, "X" topmark, Fl Y 4s
[Q130.6] 14° 48′ 07.8″N 120° 12′ 35.9″E
(11(227)11 Manila)

91289 19Ed. 5/30/92 LAST NM 8/12 51/12
Delete Buoy "1" 14° 46′ 08.0″N 120° 15′ 06.2″E
Buoy (mooring) "19" 14° 48′ 24.6″N 120° 17′ 08.9″E
Buoy 14° 48′ 02.4″N 120° 17′ 11.9″E
(6(108)12 Manila)

91289 19Ed. 5/30/92 LAST NM 51/12 5/13
Add Depth 32 meters Wk [K26] 14° 46′ 05.8″N 120° 13′ 15.6″E
Depth 48 meters Wk [K26] 14° 46′ 25.2″N 120° 12′ 54.5″E

Depth 25 meters Obstn [K41]
14° 46′ 38.9″N 120° 13′ 16.5″E
Danger circle "Obstns" [K40]
14° 46′ 43.1″N 120° 13′ 26.6″E
Danger circle "Obstn" [K40]
14° 46′ 37.2″N 120° 13′ 34.4″E
Danger circle "Obstn" [K40]
14° 47′ 07.8″N 120° 13′ 42.4″E
Danger circle "Obstn" [K40]
14° 46′ 44.3″N 120° 13′ 53.0″E

Wreck [K29] 14° 47′ 39.7″N 120° 14′ 38.4″E

Danger circle "Obstn" [K40]
14° 47′ 31.4″N 120° 14′ 31.2″E
Danger circle "Obstn" [K40]
14° 48′ 00.3″N 120° 15′ 15.4″E
(NTM0005/2012)

★**91289** 19Ed. 5/30/92 LAST NM 5/13 8/13
Add Depth 10.3 meters 14° 47′ 49.9″N 120° 14′ 54.8″E

Depth 4.6 meters 14° 46′ 45.2″N 120° 12′ 03.1″E
and extend depth contour (5-meter) E to
enclose

Depth 14.4 meters 14° 45′ 35.6″N 120° 13′ 54.9″E
and extend depth contour (20-meter) with blue
tint S to enclose

Depth 9.9 meters 14° 44′ 43.1″N 120° 14′ 24.3″E
and extend depth contour (10-meter) S to
enclose

Depth 12.1 meters, blue tint and enclosing
depth contour (20-meter) centered
14° 43′ 37.5″N 120° 14′ 34.0″E
(NTM0004/2013)

91289 19Ed. 5/30/92 LAST NM 8/13 52/13
Delete Buoy 14° 46′ 29.0″N 120° 12′ 15.0″E
(7(100)13 Manila)

★**91292** 4Ed. 9/12/98 NEW EDITION 48/98
(NIMA)

91292 4Ed. 9/12/98 LAST NM 48/98 42/01
Add Buoy "1", pillar 14° 30′ 00.6″N 120° 37′ 17.1″E
Buoy "2", pillar 14° 29′ 49.6″N 120° 37′ 18.1″E
Position circle "Pole" [Q90]
14° 29′ 49.6″N 120° 37′ 05.1″E
(7(81)01 Manila)

91292 4Ed. 9/12/98 LAST NM 42/01 52/07
Delete Legend "Ruins" 14° 32′ 47.0″N 120° 36′ 23.0″E
Add Pilot station symbol [T1.1] 14° 32′ 46.0″N 120° 37′ 48.0″E
(51(5022)00 Taunton)

91292 4Ed. 9/12/98 LAST NM 52/07 31/11
Add Pilot station symbol [T1.1] 14° 29′ 25.0″N 120° 38′ 05.0″E
(7(139)06 Manila)

★**91294** 9Ed. 3/3/12 NEW EDITION N27/12
(NGA)

91294 9Ed. 3/3/12 LAST NM N27/12 N49/12
Add Light Fl 10s 32m 14° 34′ 51.6″N 120° 58′ 23.1″E
(3(28)12 Manila)

★**91297** 10Ed. 4/2/11 NEW EDITION N33/11
(NGA)

91297 10Ed. 4/2/11 LAST NM N33/11 N2/12
Delete Buoy "No 1" 14° 36′ 24.9″N 120° 55′ 25.3″E
Buoy "No 2" 14° 36′ 33.9″N 120° 55′ 18.9″E
Buoy "No 3" 14° 37′ 12.8″N 120° 56′ 16.9″E
Buoy "No 4" 14° 37′ 22.7″N 120° 56′ 12.9″E

Add Buoy "No 1" G, conical, Q(3) G 5s
14° 36′ 32.0″N 120° 55′ 19.7″E
Buoy "No 2" R, conical, Q(3) R 5s
14° 36′ 25.5″N 120° 55′ 24.0″E
Buoy "No 3" G, conical, Q(3) G 5s
14° 37′ 21.5″N 120° 56′ 15.0″E
Buoy "No 4" R, conical, Q(3) R 5s
14° 37′ 13.5″N 120° 56′ 15.0″E
(9(203)11 Manila)

91297 10Ed. 4/2/11 LAST NM N2/12 N4/12
Add "Spoil Ground" area [N62.1] bound by
dashed line joining 14° 34′ 46.0″N 120° 56′ 35.0″E
14° 34′ 33.0″N 120° 57′ 13.0″E
14° 34′ 18.0″N 120° 57′ 07.0″E
14° 34′ 32.0″N 120° 56′ 30.0″E
(10(205)10 Manila)

91297 10Ed. 4/2/11 LAST NM N4/12 N8/12
Add Submarine cable [L30.1] between
14° 33′ 05.2″N 120° 58′ 47.6″E
14° 32′ 41.0″N 120° 58′ 14.9″E

Submarine cable [L30.1] joining
14° 33′ 11.4″N 120° 58′ 45.8″E
14° 32′ 47.0″N 120° 57′ 59.5″E
14° 32′ 46.5″N 120° 57′ 55.3″E
14° 32′ 42.4″N 120° 57′ 55.1″E
14° 32′ 41.0″N 120° 57′ 51.9″E

(Plan)
Add Buoy G, conical, Fl(2) G 5s 14° 29′ 53.2″N 120° 55′ 23.7″E
Buoy G, conical, Fl(2) G 5s 14° 28′ 52.3″N 120° 55′ 25.4″E
Beacon Fl(2) R 5s 5m 3M 14° 29′ 51.4″N 120° 55′ 11.6″E
Beacon Fl(2) R 5s 5m 3M 14° 28′ 51.4″N 120° 55′ 17.7″E
Light Fl(2) R 3s 14° 29′ 26.0″N 120° 54′ 23.9″E
(8(176), 12(247, 248)11 Manila; UKHO ARCS 3932-0)

91297 10Ed. 4/2/11 LAST NM N8/12 N49/12
Add Light Fl 10s 32m 14° 34′ 51.6″N 120° 58′ 23.1″E
(3(28)12 Manila)

★**91300** 3Ed. 7/26/80 NEW EDITION 40/80
(DMAHTC)

91300 3Ed. 7/26/80 LAST NM 40/80 1/82
Add Depth 161 meters "Rep (1981)" 13° 30.42′ N 121° 18.00′ E
(41(2410)81 Taunton)

91300 3Ed. 7/26/80 LAST NM 1/82 24/82
Delete Stranded wreck 13° 31′ 22″N 120° 59′ 14″E

Add Stranded wreck 13° 31′ 20″N 120° 59′ 07″E
(19(38)81 Manila; Phil CH 4344)

91300 3Ed. 7/26/80 LAST NM 24/82 18/84
Delete Depth 7.3 meters Wk 13° 45.3′ N 121° 02.2′ E

(continued on next page)

91300 (Continued) 18/84
Dangerous wrecks 13° 45.2′ N 121° 02.5′ E
13° 44.9′ N 121° 02.5′ E

Light 13° 46.2′ N 121° 01.6′ E
(Phil CH 4256A)

91300 3Ed. 7/26/80 LAST NM 18/84 15/86
Change Light to Fl 8s 7M 13° 27.8′ N 120° 44.9′ E
(Phil CH 4214)

91300 3Ed. 7/26/80 LAST NM 15/86 25/86
Delete Light 13° 27.8′ N 120° 44.9′ E
(Supersedes 15/86-91300)
(BA LL)

91300 3Ed. 7/26/80 LAST NM 25/86 5/90
Change Characteristic of lights to
Al Fl(2+1) WG 20s 13° 36.0′ N 121° 15.7′ E
Fl 10s 13° 26.8′ N 120° 18.0′ E
(40(1390, 1391)89 Tokyo; BA LL)

91300 3Ed. 7/26/80 LAST NM 5/90 40/90
Change Period of light to 20s 13° 46′ 18″N 120° 39′ 12″E

Add Lights
Fl 3s 10M 13° 34′ 22″N 121° 05′ 06″E
Fl 5s 15M 13° 37′ 12″N 121° 04′ 42″E
(BA LL; 7(23, 24)90 Manila)

91300 3Ed. 7/26/80 LAST NM 40/90 6/91
Change Lights to
Fl(2) 10s 9m 7M 13° 45.4′ N 121° 02.4′ E
Fl(2) 20s 56m 20M 13° 36.0′ N 121° 15.7′ E
(40(2882, 2883)90 Taunton)

91300 3Ed. 7/26/80 LAST NM 6/91 39/91
Add Anchoring berths
"A" 13° 46.3′ N 120° 58.4′ E
"B" 13° 46.0′ N 120° 58.5′ E
"C" 13° 45.7′ N 120° 58.1′ E
"D" 13° 44.9′ N 120° 58.0′ E
(10(36)91 Manila)

91300 3Ed. 7/26/80 LAST NM 39/91 47/91
Add Light Fl R 5s 7M 13° 37′ 58″N 121° 02′ 05″E
(11(39)91 Manila)

91300 3Ed. 7/26/80 LAST NM 47/91 12/92
Change Characteristic of light to Fl 5s 13° 26.8′ N 120° 18.0′ E
(48(3425)91 Taunton)

91300 3Ed. 7/26/80 LAST NM 12/92 26/92
Change Period of light to 5s 13° 45.6′ N 120° 57.3′ E
(BA LL)

91300 3Ed. 7/26/80 LAST NM 26/92 45/92
Change Characteristic of light to Fl(2) 5s 13° 37.7′ N 120° 57.9′ E
(BA LL)

91300 3Ed. 7/26/80 LAST NM 45/92 9/93
Change Characteristic of light to Fl 15s 14° 03.4′ N 120° 29.5′ E
(45(3330)92 Taunton)

91300 3Ed. 7/26/80 LAST NM 9/93 5/94
Add Purple dashed line (outside limit of traffic lane)
joining 13° 36′ 43″N 120° 54′ 22″E
13° 36′ 43″N 121° 05′ 22″E
13° 35′ 13″N 121° 15′ 34″E
13° 32′ 25″N 121° 18′ 40″E

joining 13° 32′ 37″N 120° 54′ 22″E
13° 32′ 31″N 121° 00′ 10″E
13° 28′ 49″N 121° 03′ 10″E
13° 30′ 13″N 121° 12′ 10″E
13° 28′ 13″N 121° 14′ 22″E

Purple dashed line (inside limit of traffic lane) joining 13° 34′ 25″N 121° 02′ 34″E
13° 33′ 32″N 121° 02′ 00″E
13° 30′ 56″N 121° 04′ 08″E
13° 31′ 21″N 121° 06′ 43″E
13° 32′ 56″N 121° 05′ 52″E
13° 34′ 39″N 121° 05′ 52″E
13° 34′ 48″N 121° 02′ 48″E
13° 34′ 25″N 121° 02′ 34″E

Purple tint area (traffic separation zone) 0.3 mile wide on centerline between 13° 34′ 31″N 120° 54′ 22″E
13° 34′ 25″N 121° 02′ 34″E

joining 13° 32′ 56″N 121° 05′ 52″E
13° 32′ 49″N 121° 13′ 45″E
13° 30′ 13″N 121° 16′ 28″E

Open-outlined arrow indicating flow of traffic oriented
270° 13° 35′ 36″N 120° 57′ 00″E
314° 13° 33′ 18″N 121° 15′ 36″E
090° 13° 33′ 36″N 120° 57′ 00″E
134° 13° 30′ 36″N 121° 14′ 00″E

Note
"NOTE
The Traffic Separation Scheme(s) on this chart is not IMO approved." 13° 47′ 30″N 121° 13′ 30″E
(16(22)93 Manila)

91300 3Ed. 7/26/80 LAST NM 5/94 32/95
Change Light to Fl 7s 57m 18M 13° 37.6′ N 120° 25.2′ E
Note: Obscured sector unchanged
(MCC044/95; BA LL)

91300 3Ed. 7/26/80 LAST NM 32/95 33/95
Add Light Fl(3) 5s 13° 39′ 18″N 121° 25′ 10″E
(6(24)95 Manila)

91300 3Ed. 7/26/80 LAST NM 33/95 38/95
Change Characteristic of light to QG 13° 30.8′ N 120° 57.6′ E
Fl 5s 13° 30.1′ N 120° 57.3′ E
(30(2443)95 Taunton)

91300 3Ed. 7/26/80 LAST NM 38/95 42/95
Add Light Fl 10s 14° 05′ 01″N 120° 37′ 19″E
(5(18)95 Manila; BA LL)

91300 3Ed. 7/26/80 LAST NM 42/95 9/96
Change Characteristic of light to Fl(3) G 15s
13° 45.4′ N 121° 02.4′ E
(MCC044/95)

91300 3Ed. 7/26/80 LAST NM 9/96 20/96
Change Light to Fl(2) 10s 27m 15M 13° 46′ 20″N 120° 39′ 12″E
(MCC044/95)

91300 3Ed. 7/26/80 LAST NM 20/96 9/97
Add "ANCH AREA" bound by dashed line joining 13° 44′ 03″N 121° 02′ 49″E
13° 45′ 52″N 121° 01′ 48″E
13° 45′ 33″N 121° 01′ 14″E
13° 43′ 45″N 121° 02′ 14″E
(5(9)96 Manila)

91300 3Ed. 7/26/80 LAST NM 9/97 18/97
Add Submarine cable joining 14° 04′ 13″N 120° 37′ 28″E
14° 04′ 36″N 120° 35′ 53″E
14° 05′ 01″N 120° 35′ 11″E
14° 05′ 04″N 120° 34′ 44″E
14° 07′ 00″N 120° 32′ 45″E
(6(522)97 Taunton)

91300 3Ed. 7/26/80 LAST NM 18/97 52/97
Add Light
Fl 5s 7M 13° 27′ 52″N 120° 44′ 58″E
Fl 3s 13° 45′ 22″N 121° 02′ 33″E
(GIMM066/97; BA LL)

91

91300 3Ed. 7/26/80 LAST NM 52/97 16/98
Add Submarine cable joining 14° 04′ 13″N 120° 37′ 28″E
14° 04′ 06″N 120° 36′ 59″E
14° 03′ 23″N 120° 35′ 21″E
14° 03′ 02″N 120° 34′ 57″E
14° 02′ 58″N 120° 34′ 21″E
14° 02′ 23″N 120° 34′ 06″E
14° 01′ 43″N 120° 33′ 19″E
13° 57′ 37″N 120° 30′ 43″E
13° 52′ 08″N 120° 29′ 25″E
13° 47′ 48″N 120° 30′ 08″E
13° 43′ 39″N 120° 33′ 02″E
13° 37′ 23″N 120° 45′ 10″E
13° 35′ 11″N 120° 52′ 55″E
13° 34′ 03″N 120° 56′ 54″E
13° 33′ 44″N 120° 59′ 27″E
13° 29′ 33″N 121° 04′ 55″E
13° 29′ 37″N 121° 06′ 31″E
13° 30′ 15″N 121° 09′ 39″E
13° 31′ 12″N 121° 11′ 45″E
13° 31′ 10″N 121° 12′ 25″E
13° 30′ 52″N 121° 13′ 07″E
13° 30′ 10″N 121° 14′ 10″E
13° 27′ 48″N 121° 19′ 48″E
13° 23′ 00″N 121° 24′ 42″E
(GIMM027/98)

91300 3Ed. 7/26/80 LAST NM 16/98 29/98
Add Light Fl 5s 13° 50′ 25″N 120° 36′ 18″E
(2(7)98 Manila)

91300 3Ed. 7/26/80 LAST NM 29/98 36/98
Add Submarine cable joining 14° 04′ 13″N 120° 37′ 31″E
14° 04′ 35″N 120° 36′ 29″E
14° 05′ 13″N 120° 35′ 07″E
14° 05′ 18″N 120° 34′ 46″E
14° 07′ 00″N 120° 32′ 54″E

Legend "(see Note)" 14° 05′ 15″N 120° 34′ 18″E
13° 40′ 42″N 120° 39′ 06″E
13° 24′ 06″N 121° 23′ 18″E

Note "SUBMARINE CABLES
Anchoring and fishing are prohibited in
the vicinity of the submarine cables."
13° 47′ 00″N 121° 13′ 30″E
(See 16/98-91300)
(GIMM027/98)

91300 3Ed. 7/26/80 LAST NM 36/98 17/99
Change Light to
Fl 10s 126m 10M 14° 03.4′ N 120° 29.5′ E
Fl G 5s 7M 14° 05.0′ N 120° 37.5′ E
(BA LL)

91300 3Ed. 7/26/80 LAST NM 17/99 39/99
Change Characteristic of light to Fl(3) 15s
13° 36′ 00″N 121° 15′ 42″E
(4(Sect IV)98 Manila)

91300 3Ed. 7/26/80 LAST NM 39/99 42/99
Add Submarine cable [L30.1] joining
14° 04′ 13″N 120° 37′ 31″E
14° 04′ 13″N 120° 35′ 50″E
14° 04′ 17″N 120° 34′ 26″E
14° 05′ 00″N 120° 33′ 34″E
14° 05′ 44″N 120° 32′ 22″E
14° 07′ 07″N 120° 31′ 12″E
(4(14)98 Manila)

91300 3Ed. 7/26/80 LAST NM 42/99 32/00
Add Wreck [K29] 13° 41′ 25″N 120° 35′ 55″E
(4(14)00 Manila)

91300 3Ed. 7/26/80 LAST NM 32/00 38/00
Delete Light 13° 27′ 52″N 120° 44′ 58″E

Add Light Fl(3) 15s 12M 13° 27′ 49″N 120° 44′ 59″E
(5(27)99 Manila)

91300 3Ed. 7/26/80 LAST NM 38/00 5/01
Add Stranded wreck [K24] 13° 45′ 40″N 120° 57′ 34″E
(6(25)00 Manila)

91300 3Ed. 7/26/80 LAST NM 5/01 24/01
Add Submarine pipeline (gas) [L40.1] joining
13° 23′ 00″N 121° 19′ 36″E
13° 26′ 36″N 121° 15′ 07″E
13° 26′ 53″N 121° 14′ 41″E
13° 27′ 33″N 121° 10′ 53″E
13° 27′ 20″N 121° 10′ 00″E
13° 27′ 03″N 121° 09′ 28″E
13° 26′ 47″N 121° 08′ 35″E
13° 26′ 48″N 121° 08′ 10″E
13° 27′ 08″N 121° 06′ 45″E
13° 28′ 51″N 121° 05′ 07″E
13° 29′ 03″N 121° 04′ 54″E
13° 29′ 52″N 121° 03′ 57″E
13° 30′ 05″N 121° 03′ 48″E
13° 31′ 15″N 121° 03′ 17″E
13° 31′ 32″N 121° 03′ 05″E
13° 31′ 47″N 121° 02′ 51″E
13° 34′ 06″N 121° 00′ 23″E
13° 34′ 34″N 121° 00′ 06″E
13° 35′ 44″N 120° 59′ 52″E
13° 39′ 15″N 121° 01′ 19″E
13° 39′ 42″N 121° 01′ 23″E
13° 40′ 18″N 121° 01′ 30″E
13° 41′ 36″N 121° 01′ 55″E
13° 41′ 53″N 121° 02′ 05″E
13° 43′ 02″N 121° 03′ 40″E
(NTM0019/2001)

91300 3Ed. 7/26/80 LAST NM 24/01 29/01
Change Light to Fl(3) 15s 12m 10M 13° 45′ 22″N 121° 02′ 33″E
(BA LL)

91300 3Ed. 7/26/80 LAST NM 29/01 37/01
Change Light to Fl 5s 13m 10M 13° 37′ 41″N 120° 57′ 53″E
Light to Fl 8s 10M 13° 37′ 58″N 121° 02′ 05″E
(BA LL)

91300 3Ed. 7/26/80 LAST NM 37/01 38/01
Change Visibility (range) of light to 10M
13° 37′ 12″N 121° 04′ 42″E
(BA LL)

91300 3Ed. 7/26/80 LAST NM 38/01 40/01
Change Characteristic of light to Fl R 3s
13° 30′ 48″N 120° 57′ 36″E
Light to Fl 10s 41m 18M 13° 31′ 18″N 120° 59′ 30″E
Light to Fl G 5s 26m 7M 13° 30′ 06″N 120° 57′ 18″E
(BA LL)

91300 3Ed. 7/26/80 LAST NM 40/01 48/01
Change Light to Fl 5s 11m 10M 13° 25′ 47″N 121° 11′ 42″E
(BA LL)

91300 3Ed. 7/26/80 LAST NM 48/01 10/02
Change Characteristic of light to Fl(3) 15s
13° 37′ 41″N 120° 57′ 53″E
(See 37/01-91300)
(11(136)01 Manila)

91300 3Ed. 7/26/80 LAST NM 10/02 21/02
Add Submarine cable [L30.1] joining
14° 04′ 04″N 120° 37′ 34″E
14° 03′ 07″N 120° 35′ 55″E
14° 01′ 48″N 120° 35′ 01″E
14° 00′ 46″N 120° 33′ 05″E
14° 00′ 31″N 120° 31′ 45″E
13° 59′ 42″N 120° 28′ 54″E
13° 59′ 41″N 120° 26′ 35″E
13° 59′ 36″N 120° 25′ 46″E
13° 59′ 51″N 120° 22′ 11″E
13° 59′ 44″N 120° 15′ 00″E

Submarine cable [L30.1] joining
14° 04′ 05″N 120° 37′ 34″E
14° 03′ 20″N 120° 35′ 53″E
14° 02′ 43″N 120° 35′ 12″E
14° 02′ 13″N 120° 33′ 27″E
14° 00′ 38″N 120° 27′ 38″E
14° 00′ 21″N 120° 17′ 01″E
14° 00′ 16″N 120° 16′ 00″E
14° 00′ 17″N 120° 15′ 00″E
(NTM0012/2002)

91300 3Ed. 7/26/80 LAST NM 21/02 22/02
Add Submarine cable [L30.1] joining
14° 02′ 33″N 120° 15′ 00″E
14° 02′ 23″N 120° 16′ 00″E
14° 02′ 24″N 120° 18′ 00″E
14° 02′ 02″N 120° 24′ 36″E
14° 02′ 12″N 120° 25′ 30″E
14° 02′ 12″N 120° 28′ 00″E
14° 01′ 53″N 120° 30′ 22″E
14° 02′ 00″N 120° 30′ 47″E
14° 03′ 16″N 120° 33′ 14″E
14° 03′ 51″N 120° 34′ 10″E
14° 03′ 57″N 120° 35′ 08″E
14° 03′ 58″N 120° 35′ 50″E
14° 04′ 13″N 120° 37′ 31″E
(5(22)00 Manila)

91300 3Ed. 7/26/80 LAST NM 22/02 46/03
Add Submarine cable [L30.1] joining
14° 04′ 12″N 120° 34′ 00″E
14° 06′ 24″N 120° 30′ 18″E
14° 07′ 00″N 120° 28′ 36″E
(33(1280)03 Tokyo)

91300 3Ed. 7/26/80 LAST NM 46/03 6/06
Add Stranded wreck [K24] 13° 46′ 41″N 121° 00′ 25″E
(12(182)04 Manila)

91300 3Ed. 7/26/80 LAST NM 6/06 42/06
Delete Sector limits from light 13° 46′ 20″N 120° 39′ 12″E
(4(39)01 Manila)

91300 3Ed. 7/26/80 LAST NM 42/06 11/07
Add Platform with light flare symbol [L10]
13° 43′ 25″N 121° 03′ 18″E
(10(195)06 Manila)

91300 3Ed. 7/26/80 LAST NM 11/07 7/11
Change Light to Fl 5s 12M 13° 27′ 49″N 120° 44′ 59″E
(8(190)08 Manila; UKHO LL)

91300 3Ed. 7/26/80 LAST NM 7/11 10/11
Change Characteristic of light to Fl 3s 13° 45′ 22″N 121° 02′ 33″E
Light to Fl 5s 9m 7M 13° 45′ 23″N 121° 02′ 26″E
(UKHO ARCS 3558-0)

91300 3Ed. 7/26/80 LAST NM 10/11 18/11
Add Submarine cable [L30.1] joining
14° 04′ 04″N 120° 37′ 34″E
14° 03′ 06″N 120° 34′ 24″E
14° 01′ 43″N 120° 31′ 40″E
14° 01′ 46″N 120° 28′ 55″E
14° 01′ 33″N 120° 25′ 26″E
14° 01′ 43″N 120° 24′ 06″E
14° 01′ 31″N 120° 16′ 07″E
14° 01′ 28″N 120° 15′ 00″E

Submarine cable [L30.1] joining
14° 04′ 05″N 120° 37′ 34″E
14° 01′ 34″N 120° 35′ 48″E
14° 01′ 10″N 120° 35′ 51″E
13° 58′ 39″N 120° 34′ 10″E
13° 56′ 36″N 120° 32′ 35″E
13° 53′ 56″N 120° 31′ 50″E
13° 51′ 02″N 120° 32′ 07″E
(11(178)03 Manila; UKHO ARCS 4490-0)

91300 3Ed. 7/26/80 LAST NM 18/11 34/11
Change Light to Fl(2) 10s 27m 11M with obscured sector 150°-252° 13° 46′ 20″N 120° 39′ 12″E

Add Obscured sector 088°-133° to light
13° 37′ 41″N 120° 57′ 53″E
(4(128)08 Manila; UKHO LL)

91300 3Ed. 7/26/80 LAST NM 34/11 37/11
Change Period of light to 10s 13° 39′ 18″N 121° 25′ 10″E
(12(242)09 Manila)

91300 3Ed. 7/26/80 LAST NM 37/11 38/11
Add Wreck [K29] (PA) 13° 31′ 24″N 121° 07′ 48″E
(12(266)09 Manila)

91300 3Ed. 7/26/80 LAST NM 38/11 42/11
Add Light Fl 3s 13° 45′ 40″N 120° 55′ 35″E
(UKHO ARCS 4490-0)

91300 3Ed. 7/26/80 LAST NM 42/11 3/12
Add Precautionary area symbol [M16]
13° 44′ 10″N 121° 00′ 47″E

Purple heavy dashed line (outside limit of traffic lane) [M15] joining 13° 42′ 43″N 120° 58′ 53″E
13° 41′ 37″N 120° 58′ 47″E
13° 37′ 37″N 120° 58′ 47″E

Purple heavy dashed line (outside limit of traffic lane) [M15] joining 13° 42′ 25″N 121° 01′ 11″E
13° 41′ 13″N 121° 01′ 05″E
13° 37′ 37″N 121° 01′ 05″E

Purple tint area (traffic separation zone) [M13] bound by limit joining 13° 37′ 37″N 120° 59′ 47″E
13° 41′ 25″N 120° 59′ 47″E
13° 42′ 37″N 120° 59′ 53″E
13° 42′ 31″N 121° 00′ 11″E
13° 41′ 19″N 121° 00′ 05″E
13° 37′ 37″N 121° 00′ 05″E

Open-outlined arrow indicating flow of traffic [M10] oriented 186° 13° 42′ 06″N 120° 59′ 18″E
Open-outlined arrow indicating flow of traffic [M10] oriented 180° 13° 40′ 12″N 120° 59′ 15″E
Open-outlined arrow indicating flow of traffic [M10] oriented 006° 13° 41′ 44″N 121° 00′ 39″E
Open-outlined arrow indicating flow of traffic [M10] oriented 000° 13° 39′ 38″N 121° 00′ 32″E
(5(69)09 Manila)

91300 3Ed. 7/26/80 LAST NM 3/12 8/12
Change Period of light to 5s 13° 45′ 40″N 120° 55′ 35″E
(See 42/11-91300)

Add Submarine cable [L30.1] joining
14° 04′ 13″N 120° 37′ 31″E
14° 03′ 56″N 120° 33′ 48″E
14° 05′ 09″N 120° 29′ 45″E
14° 07′ 00″N 120° 26′ 26″E
(7(144)06, 8(170)11 Manila; UKHO ARCS 4491-0)

91300 3Ed. 7/26/80 LAST NM 8/12 44/12
Change Characteristic of light to Fl(2) 13° 52′ 32″N 120° 54′ 45″E
(7(162)12 Manila)

★91309 4Ed. 3/26/94 NEW EDITION 19/94
(DMAHTC)

91309 4Ed. 3/26/94 LAST NM 19/94 9/96
Change Characteristic of light to Fl(3) G 15s
13° 45′ 20″N 121° 02′ 28″E
(MCC044/95)

91309 4Ed. 3/26/94 LAST NM 9/96 11/97
Delete "Anchorage (large vessels)" area in vicinity 13° 44′ 25″N 121° 02′ 07″E

Add Dashed line (anchorage limit) joining 13° 44′ 03.6″N 121° 02′ 49.0″E
13° 45′ 51.4″N 121° 01′ 48.1″E
13° 45′ 33.0″N 121° 01′ 13.2″E
13° 43′ 44.7″N 121° 02′ 14.5″E

between 13° 44′ 30.5″N 121° 02′ 34.0″E
13° 44′ 11.6″N 121° 01′ 59.0″E

between 13° 44′ 57.0″N 121° 02′ 18.5″E
13° 44′ 38.0″N 121° 01′ 44.0″E

between 13° 45′ 24.9″N 121° 02′ 03.2″E
13° 45′ 06.0″N 121° 01′ 28.5″E

Legend
"A" 13° 44′ 09.0″N 121° 02′ 24.0″E
"B" 13° 44′ 36.0″N 121° 02′ 09.0″E
"C" 13° 45′ 03.0″N 121° 01′ 51.0″E
"D" 13° 45′ 30.0″N 121° 01′ 36.0″E
(5(09)96 Manila)

91309 4Ed. 3/26/94 LAST NM 11/97 52/97
Add Light Fl 3s 13° 45′ 21.8″N 121° 02′ 33.1″E
(GIMM066/97)

91309 4Ed. 3/26/94 LAST NM 52/97 36/00

Delete Dashed line joining 13°44′ 57.0″N 121°02′ 18.5″E
13°44′ 38.0″N 121°01′ 44.0″E
13°44′ 11.6″N 121°01′ 59.0″E
13°44′ 30.5″N 121°02′ 34.0″E
13°44′ 57.0″N 121°02′ 18.5″E

Legend "B" 13°44′ 36.0″N 121°02′ 09.0″E

Add Purple dashed line (fairway limit) between
13°44′ 25.0″N 121°01′ 51.5″E
13°44′ 43.7″N 121°02′ 26.3″E

Purple dashed line (fairway limit) between
13°44′ 57.0″N 121°02′ 18.5″E
13°44′ 38.0″N 121°01′ 44.0″E

Legend "FAIRWAY (Note No 3)"
13°44′ 48.0″N 121°02′ 06.0″E

Note No. 3 to NOTES
"3. Anchoring restricted in fairway. Fairway shall be utilized for fastcraft and RORO vessels." 13°46′ 30.0″N 121°03′ 18.0″E

Dashed line (anchorage limit) joining
13°44′ 43.7″N 121°02′ 26.3″E
13°44′ 30.5″N 121°02′ 34.0″E
13°44′ 11.6″N 121°01′ 59.0″E
13°44′ 25.0″N 121°01′ 51.5″E

Legend "B" 13°44′ 28.0″N 121°02′ 12.0″E

(7(41)99 Manila)

91309 4Ed. 3/26/94 LAST NM 36/00 24/01

Add Submarine pipeline (gas) [L40.1] joining
13°42′ 59.0″N 121°03′ 36.5″E
13°42′ 09.1″N 121°02′ 21.0″E
13°42′ 04.7″N 121°02′ 15.3″E
13°41′ 53.2″N 121°02′ 04.5″E
13°41′ 36.0″N 121°01′ 55.4″E
13°40′ 30.0″N 121°01′ 33.3″E

(NTM0019/2001)

91309 4Ed. 3/26/94 LAST NM 24/01 29/01

Change Light to Fl(3) 15s 12m 10M
13°45′ 21.8″N 121°02′ 33.1″E

(BA LL)

91309 4Ed. 3/26/94 LAST NM 29/01 13/02

Delete Depth 1.5 meters 13°45′ 05.2″N 121°02′ 33.8″E

Relocate Light from 13°45′ 21.8″N 121°02′ 33.1″E to
13°45′ 21.0″N 121°02′ 35.0″E

Add Land tint to area bound by shore and solid line joining 13°45′ 32.5″N 121°02′ 29.2″E
13°45′ 28.5″N 121°02′ 24.0″E
13°45′ 22.8″N 121°02′ 27.5″E
13°45′ 22.4″N 121°02′ 26.5″E

Land tint to area bound by shore and solid line joining 13°45′ 12.6″N 121°02′ 30.8″E
13°45′ 11.6″N 121°02′ 31.2″E
13°45′ 13.0″N 121°02′ 34.0″E
13°45′ 10.8″N 121°02′ 35.5″E
13°45′ 09.0″N 121°02′ 32.0″E
13°45′ 06.7″N 121°02′ 33.2″E
13°45′ 07.0″N 121°02′ 34.0″E
13°45′ 01.0″N 121°02′ 37.0″E
13°45′ 02.5″N 121°02′ 39.2″E
13°45′ 06.0″N 121°02′ 37.8″E
13°45′ 08.0″N 121°02′ 41.0″E
and delete depths and blue tint within above areas

Double solid line with land tint (pier) [F14] between 13°45′ 06.2″N 121°02′ 29.5″E
13°45′ 07.8″N 121°02′ 32.6″E

Solid line (pier) between 13°45′ 04.6″N 121°02′ 32.0″E
13°45′ 05.5″N 121°02′ 34.2″E

Solid line (pier) between 13°45′ 03.5″N 121°02′ 33.3″E
13°45′ 04.0″N 121°02′ 35.4″E

Solid line (pier) between 13°45′ 01.9″N 121°02′ 34.2″E
13°45′ 02.6″N 121°02′ 36.2″E

Solid line (pier) between 13°44′ 59.6″N 121°02′ 32.8″E
13°45′ 01.0″N 121°02′ 36.9″E

(20(2062)01, 1(28)02 Taunton)

91309 4Ed. 3/26/94 LAST NM 13/02 6/06

Add Stranded wreck [K24] 13°46′ 41.4″N 121°00′ 25.3″E

(12(182)04 Manila)

91309 4Ed. 3/26/94 LAST NM 6/06 11/07

Add Platform with light flare symbol [L10]
13°43′ 29.9″N 121°03′ 14.0″E

(10(195)06 Manila)

91309 4Ed. 3/26/94 LAST NM 11/07 10/11

Change Characteristic of light to Fl 3s
13°45′ 21.0″N 121°02′ 35.0″E

Characteristic of light to Fl 5s
13°45′ 20.0″N 121°02′ 28.0″E

(UKHO ARCS 3558-0)

91309 4Ed. 3/26/94 LAST NM 10/11 29/11

Delete Buoys (mooring) (2) in vicinity
13°46′ 14.6″N 121°01′ 09.0″E

Buoys (mooring) (2) in vicinity
13°46′ 11.0″N 121°01′ 17.0″E

Add Double solid line with land tint (T-head pier) between 13°45′ 56.8″N 121°02′ 01.0″E
13°45′ 51.9″N 121°01′ 57.0″E

Buoy R, spar, FR 13°45′ 44.8″N 121°02′ 04.2″E
Buoy R, spar, FR 13°45′ 49.0″N 121°02′ 03.0″E
Buoy Or, spar, FR 13°45′ 57.2″N 121°01′ 53.0″E
Buoy Or, spar, FR 13°45′ 58.5″N 121°01′ 50.5″E
Buoy R, can 13°43′ 46.0″N 121°03′ 07.9″E
Buoy W, can 13°46′ 11.5″N 121°01′ 18.1″E
Buoy W, can, FR 13°46′ 18.0″N 121°00′ 56.5″E
Buoy W, can, FR 13°46′ 21.0″N 121°00′ 54.9″E
Buoy W, can, FR 13°46′ 26.9″N 121°00′ 46.1″E
Buoy W, can, FR 13°46′ 27.8″N 121°00′ 42.2″E
Dolphin [F20] 13°41′ 16.1″N 121°02′ 57.5″E
Dolphin [F20] 13°41′ 18.4″N 121°02′ 58.0″E
Dolphin [F20] 13°41′ 22.5″N 121°03′ 00.0″E
Dolphin [F20] 13°41′ 25.0″N 121°02′ 59.5″E
Dolphin [F20] 13°41′ 28.8″N 121°02′ 57.4″E
Dolphin [F20] 13°41′ 31.1″N 121°02′ 58.3″E
Dolphin [F20] 13°41′ 33.5″N 121°02′ 59.0″E
Dolphin [F20] 13°41′ 35.0″N 121°02′ 59.4″E
Dolphin [F20] 13°42′ 25.3″N 121°03′ 34.1″E
Dolphin [F20] 13°42′ 37.2″N 121°03′ 37.8″E
Dolphin [F20] 13°42′ 39.0″N 121°03′ 38.7″E
Dolphin [F20] 13°46′ 36.0″N 121°00′ 36.0″E
Dolphin [F20] 13°46′ 37.0″N 121°00′ 37.3″E
Dolphin [F20] 13°46′ 37.0″N 121°00′ 32.3″E
Dolphin [F20] 13°46′ 39.6″N 121°00′ 32.9″E

(3(71, 73, 74)05 Manila; UKHO ARCS 3558-0)

91309 4Ed. 3/26/94 LAST NM 29/11 3/12

Add Precautionary area symbol [M16]
13°44′ 09.8″N 121°00′ 47.1″E

Purple heavy dashed line (outside limit of traffic lane) [M15] joining 13°42′ 24.8″N 121°01′ 11.1″E
13°41′ 12.8″N 121°01′ 05.1″E
13°40′ 30.0″N 121°01′ 05.1″E

Purple tint area (traffic separation zone) [M13] bound by limit joining 13°42′ 34.5″N 121°00′ 00.0″E
13°42′ 30.8″N 121°00′ 11.1″E
13°41′ 18.8″N 121°00′ 05.1″E
13°40′ 30.0″N 121°00′ 05.1″E

Note: Area extends beyond chart border

Open-outlined arrow indicating flow of traffic [M10] oriented 000° 13°40′ 44.5″N 121°00′ 15.5″E
Open-outlined arrow indicating flow of traffic [M10] oriented 000° 13°41′ 00.0″N 121°00′ 49.5″E
Open-outlined arrow indicating flow of traffic [M10] oriented 004° 13°41′ 37.0″N 121°00′ 18.5″E
Open-outlined arrow indicating flow of traffic [M10] oriented 004° 13°41′ 49.6″N 121°00′ 51.3″E

Note No. 4 to NOTES
"4. The Traffic Separation Scheme(s) on this chart is not adopted by the International Maritime Organization (IMO)."
13°46′ 23.5″N 121°03′ 18.0″E

(5(69)09 Manila)

★91314 3Ed. 10/26/85 NEW EDITION 7/86

(DMAHTC)

★**91314** 3Ed. 10/26/85 LAST NM 7/86 43/87
Add Stranded wreck (PA) 13° 52.7′ N 120° 01.8′ E
(MCNM7987/87)

91314 3Ed. 10/26/85 LAST NM 43/87 33/93
Change Characteristic of light to F 13° 53.4′ N 120° 01.3′ E
(BA LL)

91314 3Ed. 10/26/85 LAST NM 33/93 32/95
Change Light to Fl 7s 186ft 18M 13° 37′ 40″N 120° 25′ 04″E
Note: Obscured sector unchanged
(MCC044/95; BA LL)

91314 3Ed. 10/26/85 LAST NM 32/95 40/95
Change Characteristic of light to Oc 5s 13° 53.4′ N 120° 01.3′ E
(33(2756)95 Taunton)

91314 3Ed. 10/26/85 LAST NM 40/95 14/97
Change Characteristic of light to Fl 7s 13° 53.4′ N 120° 01.3′ E
(GIMM010/97)

91314 3Ed. 10/26/85 LAST NM 14/97 44/00
Change Light to Oc 5s 216ft 22M 13° 53′ 24″N 120° 01′ 18″E
(49(4483)98 Taunton)

91314 3Ed. 10/26/85 LAST NM 44/00 40/01
Change Light to Fl R 5s 7M 13° 49′ 10″N 120° 12′ 00″E
(BA LL)

91314 3Ed. 10/26/85 LAST NM 40/01 13/11
Change Light to Fl(2) 10s 216ft 22M 13° 53′ 24″N 120° 01′ 18″E
(8(125)07 Manila; UKHO LL)

★**91320** 4Ed. 2/18/84 NEW EDITION 16/84
(DMAHTC)

91320 4Ed. 2/18/84 LAST NM 16/84 46/93
Change Light to Al Fl WR 5s 130ft 27M 12° 39.7′ N 120° 24.9′ E
(36(3074)93 Taunton)

91320 4Ed. 2/18/84 LAST NM 46/93 31/95
Add Light Fl(2) 10s 12° 12.75′ N 120° 23.42′ E
(21(1706)95 Taunton)

91320 4Ed. 2/18/84 LAST NM 31/95 47/99
Change Characteristic of light to Fl 3s 12° 39′ 46″N 120° 24′ 47″E
(8(Sect IV)98 Manila)

91320 4Ed. 2/18/84 LAST NM 47/99 39/00
Change Light to Fl 10s 115ft 17M 12° 39′ 46″N 120° 24′ 47″E
(Supersedes 47/99-91320)
(6(35)99 Manila)

91320 4Ed. 2/18/84 LAST NM 39/00 14/11
Change Characteristic of light to Fl(3) 10s
12° 12′ 45″N 120° 23′ 25″E
(4(66)06 Manila)

★**91323** 2Ed. 5/19/12 NEW EDITION N34/12
(NGA)

★**91326** 2Ed. 5/29/76 NEW EDITION 35/76
Delete Dangerous wreck (Mast) 12° 01.2′ N 119° 58.1′ E
Bns (4) W, WNW, ENE, SE of 12° 02.5′ N 120° 19.6′ E
(DMAHC; Phil CH 4314)

★**91326** 2Ed. 5/29/76 LAST NM 35/76 32/84
Change DMA Stock No. to 91BHA91326
in lower right margin of chart
Note: Applicable to certain copies
of this chart only
(DMAHTC)

91326 2Ed. 5/29/76 LAST NM 32/84 4/96
Add Light Mo(A) 6s 11° 49′ 44″N 120° 18′ 38″E
(10(46)95 Manila)

91326 2Ed. 5/29/76 LAST NM 4/96 52/97
Add Visibility (range) 9M to light 11° 59′ 36″N 120° 12′ 36″E
Light Fl 5s 11° 59′ 02″N 120° 13′ 24″E
(GIMM066/97; BA LL)

91326 2Ed. 5/29/76 LAST NM 52/97 18/00
Change Light to Fl R 5s 115ft 7M 11° 53′ 37″N 120° 01′ 22″E
Note: Visible sector unchanged
(10(Sect IV)99 Manila)

91326 2Ed. 5/29/76 LAST NM 18/00 24/01
Add Submarine pipeline (gas) [L40.1] between
11° 42′ 42″N 120° 24′ 18″E
11° 43′ 18″N 120° 26′ 00″E
(NTM0019/2001)

91326 2Ed. 5/29/76 LAST NM 24/01 40/01
Delete Visibility (range) 9M from light
11° 59′ 36″N 120° 12′ 36″E
(BA LL)

★**91330** 1Ed. 8/2/86 NEW CHART 40/86
(Panel A)
Change Cautions note to
"CAUTION
Local magnetic disturbances are
reported to exist in this vicinity." 11° 31.0′ N 120° 42.5′ E

(Panel B)
Change Legend to "SEE CAUTION" 12° 32.0′ N 120° 24.2′ E
(DMAHTC)

91330 1Ed. 8/2/86 LAST NM 40/86 45/88
(Panel A)
Add Note
"Cancellation of Loran-C Rate 9970-Z.
Loran-C Station 9970-Z on Yap was
moved to Guam. Lines of position for
9970-Z drawn on this chart are no
longer valid and should not be used." 10° 28′ N 120° 27′ E
(MCNM8161/88)

★**91330** 1Ed. 8/2/86 LAST NM 45/88 27/89
(Panel A)
Add Depth 45 meters "Rep (1987)" 11° 06′ 15″N 120° 31′ 06″E
(MCNM1069/89)

91330 1Ed. 8/2/86 LAST NM 27/89 20/90
(Panel A)
Change Characteristic of light to FG 10° 51.2′ N 121° 00.3′ E
(BA LL)

91330 1Ed. 8/2/86 LAST NM 20/90 20/91
(Panel A)
Change Light to Fl 5s 111m 15M 10° 29.7′ N 119° 59.6′ E
(6(437)91 Taunton)

91330 1Ed. 8/2/86 LAST NM 20/91 9/93
(Panel B)
Change Characteristic of light to Fl(2) 5s 12° 12.6′ N 121° 00.7′ E
(44(3249)92 Taunton)

91330 1Ed. 8/2/86 LAST NM 9/93 34/93
Delete All reference to Loran-C rate 9970-Z
Note: Station permanently discontinued
(MCC1267/93)

91330 1Ed. 8/2/86 LAST NM 34/93 46/93
(Panel B)
Change Light to Al Fl WR 5s 40m 27M 12° 39.7′ N 120° 24.9′ E
(36(3074)93 Taunton)

91330 1Ed. 8/2/86 LAST NM 46/93 52/93
(Panel B)
Change Characteristic of light to Fl 5s 12° 12.6′ N 121° 00.7′ E
(Supersedes 9/93-91330)
(42(3594)93 Taunton)

91330 1Ed. 8/2/86 LAST NM 52/93 40/94
(Panel B)
Add Depth 33 meters "Rep (1994)" 12° 02.8′ N 120° 39.8′ E
(32(2711)94 Taunton)

91330 1Ed. 8/2/86 LAST NM 40/94 31/95
(Panel B)
Add Light Fl(2) 10s 12° 12.7′ N 120° 23.5′ E
(21(1706)95 Taunton)

91330 1Ed. 8/2/86 LAST NM 31/95 4/96
(Panel B)
Add Light Mo(A) 6s 11° 49.7′ N 120° 18.6′ E
(10(46)95 Manila)

91330 1Ed. 8/2/86 LAST NM 4/96 15/96
(Panel B)
Substitute Depth 4.2 meters "Rep (1977)" for depth 30 meters 12° 37.2′ N 120° 35.3′ E
(9(787)96 Taunton)

91330 1Ed. 8/2/86 LAST NM 15/96 23/96
(Panel A)
Change Characteristic of light to Fl R 5s 10° 51.2′ N 121° 00.3′ E

Add Light Fl(2) 5s 11° 38.0′ N 119° 58.1′ E
(SMEA026/96)

91330 1Ed. 8/2/86 LAST NM 23/96 52/97
(Panel B)
Add Light Fl 5s 11° 59.3′ N 120° 13.3′ E
(GIMM066/97)

91330 1Ed. 8/2/86 LAST NM 52/97 7/98
(Panel A)
Change Characteristic of light to Fl(2) 6s 10° 51.2′ N 121° 00.3′ E
(GIMM066/97)

91330 1Ed. 8/2/86 LAST NM 7/98 23/99
Change Light to Fl(2) 10s 59m 10M with visible sector 209° -217° 11° 18.5′ N 120° 40.5′ E
(49(4484)98 Taunton; GIMM047/98)

91330 1Ed. 8/2/86 LAST NM 23/99 47/99
(Panel B)
Change Characteristic of light to Fl 3s 12° 39.7′ N 120° 24.9′ E
(8(Sect IV)98 Manila)

91330 1Ed. 8/2/86 LAST NM 47/99 48/99
(Panel A)
Change Characteristic of light to Fl 5s 11° 38.0′ N 119° 58.1′ E
Period of light to 10s 10° 51.2′ N 121° 00.3′ E
(12(Sect IV)98 Manila)

91330 1Ed. 8/2/86 LAST NM 48/99 18/00
(Panel A)
Change Characteristic of light to Fl(2) 10s 11° 38.0′ N 119° 58.1′ E
(10(Sect IV)99 Manila)

91330 1Ed. 8/2/86 LAST NM 18/00 39/00
(Panel B)
Change Light to Fl 10s 35m 17M 12° 39.7′ N 120° 24.9′ E
(Supersedes 47/99-91330)
(6(35)99 Manila)

91330 1Ed. 8/2/86 LAST NM 39/00 24/01
(Panel A)
Add Submarine pipeline (gas) [L40.1] joining
11° 37.5′ N 119° 57.0′ E
11° 36.3′ N 120° 00.1′ E
11° 34.9′ N 120° 09.3′ E
11° 35.4′ N 120° 09.6′ E
11° 35.9′ N 120° 10.3′ E
11° 36.2′ N 120° 11.2′ E
11° 39.4′ N 120° 16.2′ E
11° 39.7′ N 120° 17.6′ E
11° 40.0′ N 120° 18.2′ E
11° 40.5′ N 120° 19.2′ E
11° 41.4′ N 120° 20.3′ E
11° 42.5′ N 120° 23.9′ E
11° 43.0′ N 120° 25.3′ E

(Panel B)
Add Submarine pipeline (gas) [L40.1] joining
11° 35.6′ N 120° 10.0′ E
11° 35.9′ N 120° 10.3′ E
11° 36.2′ N 120° 11.2′ E
11° 39.4′ N 120° 16.2′ E
11° 39.7′ N 120° 17.6′ E
11° 40.5′ N 120° 19.2′ E
11° 41.4′ N 120° 20.3′ E
11° 47.1′ N 120° 36.1′ E
11° 47.2′ N 120° 38.1′ E
11° 49.4′ N 120° 46.0′ E
11° 55.8′ N 120° 56.3′ E
11° 57.2′ N 121° 03.0′ E
(NTM0019/2001)

91330 1Ed. 8/2/86 LAST NM 24/01 40/01
(Panel B)
Change Light to FR 9m 11° 59.1′ N 120° 12.6′ E
(BA LL)

91330 1Ed. 8/2/86 LAST NM 40/01 44/01
(Panel A)
Change Height of light to 61m and delete obscured sector 11° 18.5′ N 120° 40.5′ E
(BA LL)

91330 1Ed. 8/2/86 LAST NM 44/01 47/06
(Panel A)
Change Light to Fl(2) 5s 11° 38.1′ N 119° 58.1′ E
(8(177)02 Manila)

91330 1Ed. 8/2/86 LAST NM 47/06 10/10
(Panel A)
Change Period of light to 3s 11° 38.1′ N 119° 58.1′ E
Light to Fl 3s 111m 16M 10° 29.7′ N 119° 59.6′ E
(9(187, 188)09 Manila; UKHO LL)

91330 1Ed. 8/2/86 LAST NM 10/10 6/11
(Panel A)
Delete Depth 38 meters 11° 40.0′ N 120° 15.6′ E

Add Depth 27 meters enclosed by depth contour (30-meter) centered 11° 39.7′ N 120° 15.5′ E

(Panel B)
Delete Depth 38 meters 11° 39.9′ N 120° 15.6′ E

Add Depth 27 meters enclosed by depth contour (30-meter) centered 11° 39.7′ N 120° 15.5′ E
(UKHO ARCS 4482-0)

91330 1Ed. 8/2/86 LAST NM 6/11 7/11
(Panel A)
Add Depth 41 meters enclosed by depth contour (50-meter) centered 11° 42.6′ N 120° 22.2′ E

(Panel B)
Add Depth 41 meters enclosed by depth contour (50-meter) centered 11° 42.6′ N 120° 22.2′ E
(UKHO ARCS 4482-0)

91330 1Ed. 8/2/86 LAST NM 7/11 14/11
(Panel B)
Change Characteristic of light to Fl(3) 10s 12° 12.7′ N 120° 23.5′ E
(4(66)06 Manila)

91330 1Ed. 8/2/86 LAST NM 14/11 23/11
(Panel B)
Change Light to Fl 5s 11° 59.1′ N 120° 12.6′ E
(2(35)05 Manila)

91330 1Ed. 8/2/86 LAST NM 23/11 44/12
(Panel A)
Change Period of light to 5s 10° 29.7′ N 119° 59.6′ E
(6(128)12 Manila)

★91331 3Ed. 8/23/86 NEW EDITION 46/86
(DMAHTC)

91331 3Ed. 8/23/86 LAST NM 46/86 45/88
Add Note in upper left margin of chart "Cancellation of Loran-C Rate 9970-Z. Loran-C Station 9970-Z on Yap was moved to Guam. Lines of position for 9970-Z drawn on this chart are no longer valid and should not be used."
(MCNM8161/88)

91331 3Ed. 8/23/86 LAST NM 45/88 40/90
Add Lights
Fl 3s 10M 13° 34.4′ N 121° 05.1′ E
Fl 5s 15M 13° 37.2′ N 121° 04.7′ E
(7(23, 24)90 Manila)

91331 3Ed. 8/23/86 LAST NM 40/90 6/91
Change Lights to
Fl(2) 20s 184ft 20M 13° 36.0′ N 121° 15.7′ E
Fl R 5s 35ft 7M 13° 02.3′ N 121° 29.5′ E
(40(2883, 2885)90 Taunton)

91331 3Ed. 8/23/86 LAST NM 6/91 10/91
Change Light to Fl 10s 157ft 9M 12° 49.8′ N 120° 45.8′ E
(48(3457)90 Taunton)

91331 3Ed. 8/23/86 LAST NM 10/91 12/91
Change Light to Fl(3) 10s 158ft 16M 12° 49.8′ N 120° 45.8′ E
(Supersedes 10/91-91331)
(24(69)90 Manila)

91331 3Ed. 8/23/86 LAST NM 12/91 47/91
Add Light Fl R 5s 7M 13° 38.0′ N 121° 02.1′ E
(11(39)91 Manila)

91331 3Ed. 8/23/86 LAST NM 47/91 48/91
Add Light Fl R 5s 7M 12° 54′ 04″N 121° 43′ 23″E
(13(44)91 Manila)

91331 3Ed. 8/23/86 LAST NM 48/91 12/92
Change Characteristic of light to Fl 5s 13° 26.8′ N 120° 18.1′ E
(48(3425)91 Taunton)

91331 3Ed. 8/23/86 LAST NM 12/92 45/92
Change Characteristic of light to Fl(2) 5s 13° 37.7′ N 120° 57.9′ E
(BA LL)

91331 3Ed. 8/23/86 LAST NM 45/92 9/93
Change Characteristic of light to Fl(2) 5s 12° 12.6′ N 121° 00.5′ E
(44(3249)92 Taunton)

91331 3Ed. 8/23/86 LAST NM 9/93 34/93
Delete All reference to Loran-C rate 9970-Z
Note: Station permanently discontinued
(MCC1267/93)

91331 3Ed. 8/23/86 LAST NM 34/93 46/93
(Panel B)
Change Light to Al Fl WR 5s 40m 27M 12° 39.7′ N 120° 24.9′ E
(36(3074)93 Taunton)

91331 3Ed. 8/23/86 LAST NM 46/93 50/93
Change Light to Fl R 5s 10M 12° 20.0′ N 121° 05.0′ E
(12(15)93 Manila)

91331 3Ed. 8/23/86 LAST NM 50/93 52/93
Change Characteristic of light to Fl 5s 12° 12.6′ N 121° 00.5′ E
(Supersedes 9/93-91331)
(42(3594)93 Taunton)

91331 3Ed. 8/23/86 LAST NM 52/93 5/94
Add Purple dashed line (outside limit of traffic lane)
joining 13° 36.8′ N 120° 54.3′ E
13° 36.8′ N 121° 05.3′ E
13° 35.3′ N 121° 15.5′ E
13° 32.5′ N 121° 18.6′ E

joining 13° 32.7′ N 120° 54.3′ E
13° 32.6′ N 121° 00.1′ E
13° 28.9′ N 121° 03.1′ E
13° 30.3′ N 121° 12.1′ E
13° 28.3′ N 121° 14.3′ E

Purple dashed line (inside limit of traffic lane) joining 13° 34.5′ N 121° 02.5′ E
13° 33.6′ N 121° 01.9′ E
13° 31.0′ N 121° 04.0′ E
13° 31.4′ N 121° 06.6′ E
13° 33.0′ N 121° 05.8′ E
13° 34.7′ N 121° 05.8′ E
13° 34.9′ N 121° 02.7′ E
13° 34.5′ N 121° 02.5′ E

Purple tint area (traffic separation zone) 0.3 mile wide on centerline between 13° 34.6′ N 120° 54.3′ E
13° 34.5′ N 121° 02.5′ E

joining 13° 33.0′ N 121° 05.8′ E
13° 32.9′ N 121° 13.7′ E
13° 30.3′ N 121° 16.4′ E

Open-outlined arrow indicating flow of traffic oriented
270° 13° 35.7′ N 120° 57.0′ E
314° 13° 33.4′ N 121° 15.6′ E
090° 13° 33.7′ N 120° 57.0′ E
134° 13° 31.0′ N 121° 13.7′ E

Note
"NOTE
The Traffic Separation Scheme(s) on this chart is not IMO approved." 12° 49.0′ N 121° 02.5′ E
(16(22)93 Manila)

91331 3Ed. 8/23/86 LAST NM 5/94 40/94
Add Depth 18 fathoms "Rep (1994)" 12° 02.8′ N 120° 39.8′ E
(32(2711)94 Taunton)

91331 3Ed. 8/23/86 LAST NM 40/94 31/95
Change Light to Fl 5s 157ft 16M 12° 49.8′ N 120° 45.9′ E

Add Light Fl(2) 10s 12° 12.8′ N 120° 23.4′ E
(21(1706)95 Taunton)

91331 3Ed. 8/23/86 LAST NM 31/95 32/95
Change Light to Fl 7s 186ft 18M with obscured sector 096° -185° 13° 37.7′ N 120° 25.1′ E

Add Light Fl(4) 20s 13° 13.6′ N 120° 31.5′ E
(4(14)95 Manila; MCC044/95; BA LL)

91331 3Ed. 8/23/86 LAST NM 32/95 33/95
Add Light Fl(3) 5s 13° 39.4′ N 121° 25.2′ E
(6(24)95 Manila)

91331 3Ed. 8/23/86 LAST NM 33/95 38/95
Change Light to
QG 59ft 7M 13° 31.0′ N 120° 57.6′ E
Fl 5s 85ft 3M 13° 30.2′ N 120° 57.3′ E
(30(2443)95 Taunton)

91331 3Ed. 8/23/86 LAST NM 38/95 44/95
Add Light
Fl(2) 15s 11° 54.7′ N 121° 34.5′ E
Fl(3) 15s 12° 36.5′ N 121° 33.3′ E
(7(30, 31)95 Manila)

91331 3Ed. 8/23/86 LAST NM 44/95 3/96
Add Light
Fl 10s 12° 54.3′ N 121° 43.3′ E
Fl G 5s 12° 55.9′ N 121° 40.9′ E
(9(43, 44)95 Manila)

91331 3Ed. 8/23/86 LAST NM 3/96 4/96
Add Light Mo(A) 6s 11° 49′ 44″N 120° 18′ 38″E
(10(46)95 Manila)

91331 3Ed. 8/23/86 LAST NM 4/96 9/96
Change Visibility (range) of light to 12M 12° 54.1′ N 121° 43.4′ E
(MCC044/95)

91331 3Ed. 8/23/86 LAST NM 9/96 15/96
Delete Depth 16 fathoms 12° 37.2′ N 120° 35.1′ E

Add Depth 2½ fathoms "Rep (1977)" 12° 37.1′ N 120° 35.3′ E
(9(787)96 Taunton)

91331 3Ed. 8/23/86 LAST NM 15/96 9/97
Change Light to Fl 6s 157ft 23M 12° 49.9′ N 120° 45.9′ E
(GIMM010/97)

91331 3Ed. 8/23/86 LAST NM 9/97 13/97
Change Light to Fl 10s 157ft 9M 12° 49.9′ N 120° 45.9′ E
(Supersedes 9/97-91331)
(GIMM010/97)

91331 3Ed. 8/23/86 LAST NM 13/97 52/97
Add Light Fl 5s 7M 13° 27.9′ N 120° 44.9′ E
(GIMM066/97; BA LL)

91331 3Ed. 8/23/86 LAST NM 52/97 16/98
Add Submarine cable
joining 13° 40.0′ N 120° 39.8′ E
13° 37.4′ N 120° 45.2′ E
13° 34.1′ N 120° 56.9′ E
13° 33.7′ N 120° 59.5′ E
13° 29.6′ N 121° 04.9′ E
13° 29.6′ N 121° 06.5′ E
13° 30.0′ N 121° 07.1′ E
13° 30.2′ N 121° 09.6′ E
13° 31.2′ N 121° 11.8′ E
13° 31.2′ N 121° 12.4′ E
13° 30.9′ N 121° 13.1′ E
13° 30.1′ N 121° 14.2′ E
13° 27.8′ N 121° 19.8′ E
13° 17.3′ N 121° 27.4′ E
13° 15.0′ N 121° 30.5′ E
13° 07.6′ N 121° 34.3′ E
13° 06.8′ N 121° 34.3′ E
13° 06.1′ N 121° 34.3′ E
13° 05.1′ N 121° 34.6′ E
13° 03.8′ N 121° 34.5′ E
13° 03.5′ N 121° 34.7′ E
13° 01.9′ N 121° 33.0′ E
13° 02.0′ N 121° 31.4′ E
13° 01.8′ N 121° 29.3′ E

joining 13° 01.8′ N 121° 29.3′ E
12° 59.8′ N 121° 36.5′ E
12° 44.8′ N 121° 39.3′ E
12° 18.9′ N 121° 43.2′ E
12° 17.5′ N 121° 45.0′ E
(GIMM027/98)

91331 3Ed. 8/23/86 LAST NM 16/98 29/98
Change Characteristic of light to Fl(3) 10s 12° 49.9′ N 120° 45.9′ E

Add Light Fl R 5s 12° 51.5′ N 121° 29.4′ E
(GIMM066/97; 1(Sec V)98 Manila)

91331 3Ed. 8/23/86 LAST NM 29/98 39/99
Change Characteristic of light to Fl(3) 15s
13° 36′ 00″N 121° 15′ 42″E
(4(Sect IV)98 Manila)

91331 3Ed. 8/23/86 LAST NM 39/99 44/99
Change Light to Fl R 5s 32ft 10M 12° 44.9′ N 121° 29.3′ E
(6(Sect IV)98 Manila)

91331 3Ed. 8/23/86 LAST NM 44/99 47/99
Change Characteristic of light to Fl 3s 12° 39.7′ N 120° 24.9′ E
(8(Sect IV)98 Manila)

91331 3Ed. 8/23/86 LAST NM 47/99 50/99
Add Submarine cable [L30.1] joining 12° 31.3′ N 121° 26.3′ E
12° 31.0′ N 121° 26.3′ E
12° 30.8′ N 121° 26.8′ E
12° 28.1′ N 121° 31.1′ E
12° 27.1′ N 121° 33.6′ E
12° 24.7′ N 121° 40.2′ E
12° 25.0′ N 121° 42.3′ E
12° 26.5′ N 121° 45.0′ E

Submarine cable [L30.1] joining 13° 04.8′ N 121° 45.0′ E
13° 06.2′ N 121° 44.1′ E
13° 07.7′ N 121° 43.0′ E
13° 09.9′ N 121° 42.2′ E
13° 11.4′ N 121° 41.6′ E
13° 17.5′ N 121° 39.3′ E
13° 40.0′ N 121° 39.3′ E

Submarine cable [L30.1] joining 12° 31.3′ N 121° 26.3′ E
12° 30.9′ N 121° 26.4′ E
12° 28.8′ N 121° 28.5′ E
12° 27.7′ N 121° 29.6′ E
12° 27.3′ N 121° 30.0′ E
12° 25.1′ N 121° 32.4′ E
12° 22.7′ N 121° 34.6′ E
12° 15.3′ N 121° 41.1′ E
12° 12.1′ N 121° 42.8′ E
12° 09.5′ N 121° 45.0′ E
(GIMM066/98)

91331 3Ed. 8/23/86 LAST NM 50/99 13/00
Add Light Fl R 5s 3M 13° 04.0′ N 121° 31.2′ E
(10(54, Sect IV)99 Manila)

91331 3Ed. 8/23/86 LAST NM 13/00 34/00
Delete Light 13° 04.0′ N 121° 31.2′ E
(See 13/00-91331)

Change Period of light to 5s 12° 54.3′ N 121° 43.3′ E
Light to Fl 10s 12° 36.5′ N 121° 33.3′ E

Add Light Fl 5s 3M 13° 04.0′ N 121° 31.5′ E
(3(Sec IV)00 Manila)

91331 3Ed. 8/23/86 LAST NM 34/00 35/00
Change Characteristic of light to Fl(2) 5s 13° 07.3′ N 121° 33.2′ E
(6(Sec IV)99 Manila)

91331 3Ed. 8/23/86 LAST NM 35/00 38/00
Change Characteristic of light to Fl R 10s 12° 55.9′ N 121° 40.9′ E
Light to Fl(3) 15s 12M 13° 27.9′ N 120° 44.9′ E
Light to Fl(2) 10s 42ft 9M 12° 44.9′ N 121° 29.3′ E
(See 44/99-91331)
(5(26, 27), 7(Sec IV)99 Manila)

91331 3Ed. 8/23/86 LAST NM 38/00 39/00
Change Light to Fl 10s 115ft 17M 12° 39.7′ N 120° 24.9′ E
(Supersedes 47/99-91331)
(6(35)99 Manila)

91331 3Ed. 8/23/86 LAST NM 39/00 43/00
Add Caution No. 4 to CAUTIONS note
"4. Anchoring, fishing and other marine activities in the vicinity of submarine cables are prohibited." 12° 51.0′ N 121° 03.0′ E
(4(16)00 Manila)

91331 3Ed. 8/23/86 LAST NM 43/00 8/01
Substitute Depth 12 fathoms enclosed by depth contour (20-fathom) for 67 fathoms 11° 53.6′ N 121° 35.7′ E
(8(35)00 Manila)

91331 3Ed. 8/23/86 LAST NM 8/01 24/01
Add Submarine pipeline (gas) [L40.1] joining
11° 45.0′ N 120° 30.0′ E
11° 47.2′ N 120° 36.0′ E
11° 47.3′ N 120° 38.0′ E
11° 49.5′ N 120° 45.9′ E
11° 55.9′ N 120° 56.2′ E
11° 57.2′ N 121° 02.8′ E
11° 58.3′ N 121° 04.0′ E
12° 04.1′ N 121° 07.9′ E
12° 05.3′ N 121° 09.5′ E
12° 07.2′ N 121° 14.9′ E
12° 09.8′ N 121° 17.9′ E
12° 14.0′ N 121° 25.3′ E
12° 15.7′ N 121° 29.2′ E
12° 26.5′ N 121° 39.2′ E
12° 27.1′ N 121° 39.5′ E
12° 32.3′ N 121° 39.0′ E
12° 33.8′ N 121° 39.5′ E
12° 38.7′ N 121° 42.3′ E
12° 39.3′ N 121° 42.5′ E
12° 42.2′ N 121° 42.6′ E
12° 54.2′ N 121° 38.5′ E
12° 54.8′ N 121° 38.3′ E
13° 07.6′ N 121° 36.9′ E
13° 09.1′ N 121° 36.2′ E
13° 11.6′ N 121° 33.7′ E
13° 12.4′ N 121° 32.5′ E
13° 12.7′ N 121° 30.8′ E
13° 13.5′ N 121° 29.3′ E
13° 20.4′ N 121° 22.9′ E
13° 26.7′ N 121° 15.0′ E
13° 26.6′ N 121° 10.8′ E
13° 26.9′ N 121° 07.5′ E
13° 29.1′ N 121° 04.8′ E
13° 31.9′ N 121° 02.8′ E
13° 35.8′ N 120° 59.8′ E
13° 40.0′ N 121° 01.0′ E
(NTM0019/2001)

91331 3Ed. 8/23/86 LAST NM 24/01 37/01
Change Light to Fl 5s 44ft 10M 13° 37.7′ N 120° 57.9′ E
Light to Fl 8s 10M 13° 38.0′ N 121° 02.1′ E
(BA LL)

91331 3Ed. 8/23/86 LAST NM 37/01 38/01
Change Visibility (range) of light to 10M 13° 37.2′ N 121° 04.7′ E
(BA LL)

91331 3Ed. 8/23/86 LAST NM 38/01 39/01
Change Visibility (range) of light to 7M 12° 20.0′ N 121° 05.2′ E
(BA LL)

91331 3Ed. 8/23/86 LAST NM 39/01 40/01
Change Characteristic of light to Fl R 3s 13° 30.8′ N 120° 57.6′ E
Light to Fl 10s 136ft 18M 13° 31.5′ N 120° 59.3′ E
Light to Fl G 5s 85ft 7M 13° 30.1′ N 120° 57.3′ E
(BA LL)

91331 3Ed. 8/23/86 LAST NM 40/01 48/01
Change Light to Fl 5s 36ft 10M 13° 26.0′ N 121° 11.6′ E
(BA LL)

91331 3Ed. 8/23/86 LAST NM 48/01 10/02
Change Characteristic of light to Fl(3) 15s 13° 37.7′ N 120° 57.9′ E
(See 37/01-91331)
(11(136)01 Manila)

91331 3Ed. 8/23/86 LAST NM 10/02 21/02
Change Buoy to R, conical 12° 18.7′ N 121° 04.6′ E

Add Solid line (jetty) [F14] between 12° 03.2′ N 121° 21.3′ E
12° 03.2′ N 121° 22.0′ E

Pilot station symbol [T1.1] 12° 03.7′ N 121° 20.6′ E
Anchorage symbol [N10] 12° 03.5′ N 121° 20.9′ E
Depth 6 1/4 fathoms Wk [K26] 12° 21.0′ N 121° 02.9′ E
Depth 16 fathoms Wk [K26] 12° 18.2′ N 121° 04.4′ E
Pile [F22] 12° 15.8′ N 121° 05.8′ E
(BA CH 971)

91331 3Ed. 8/23/86 LAST NM 21/02 42/03
Change Light to Fl 7s 12M 12° 56.0′ N 121° 41.0′ E
(3(57)02 Manila; BA LL)

91331 3Ed. 8/23/86 LAST NM 42/03 51/05
Add Light Fl 5s 110m 10M 12° 00.9′ N 121° 24.1′ E
Light Fl 10s 56m 10M 12° 05.8′ N 121° 34.6′ E
(9(188, 189)02 Manila)

91331 3Ed. 8/23/86 LAST NM 51/05 47/06
Add Light Fl 5s 46m 6M 13° 14.3′ N 121° 25.2′ E
(8(171)02 Manila; BA LL)

91331 3Ed. 8/23/86 LAST NM 47/06 50/06
Add Light Fl 10s 10M 11° 51.7′ N 121° 17.5′ E
(10(205)02 Manila)

91331 3Ed. 8/23/86 LAST NM 50/06 8/07
Change Light to Fl 5s 12° 51.6′ N 121° 29.3′ E
(3(25)03 Manila)

91331 3Ed. 8/23/86 LAST NM 8/07 23/09
Add Depth 301 fathoms 11° 56′ 02″N 121° 44′ 23″E
Depth 219 fathoms 12° 07′ 24″N 121° 44′ 19″E
(NTM0006/2009)

91331 3Ed. 8/23/86 LAST NM 23/09 47/09
Change Characteristic of light to Fl 10s 12° 44′ 54″N 121° 29′ 18″E
(8(145)09 Manila)

91331 3Ed. 8/23/86 LAST NM 47/09 44/10
Change Period of light to 7s 11° 51′ 42″N 121° 17′ 30″E
(UKHO LL)

91331 3Ed. 8/23/86 LAST NM 44/10 45/10
Add Light Fl(2) 5s 13° 09′ 23″N 121° 26′ 17″E
(2(45)08 Manila)

91331 3Ed. 8/23/86 LAST NM 45/10 46/10
Add Light Fl 5s 11° 50′ 28″N 121° 24′ 53″E
(UKHO LL)

91331 3Ed. 8/23/86 LAST NM 46/10 3/11
Add Light Fl R 10s 13° 18′ 43″N 121° 19′ 59″E
(UKHO ARCS 4489-0)

91331 3Ed. 8/23/86 LAST NM 3/11 7/11
Change Light to Fl 5s 12M 13° 27′ 54″N 120° 44′ 54″E
(8(190)08 Manila; UKHO LL)

91331 3Ed. 8/23/86 LAST NM 7/11 14/11
Change Characteristic of light to Fl(3) 10s
12° 12′ 48″N 120° 23′ 24″E
(4(66)06 Manila)

91331 3Ed. 8/23/86 LAST NM 14/11 18/11
Add Submarine cable [L30.1] joining 13° 13.3′ N 120° 35.6′ E
13° 12.7′ N 120° 33.7′ E
13° 12.3′ N 120° 33.1′ E

Submarine cable [L30.1] joining 13° 13.3′ N 120° 35.6′ E
13° 12.0′ N 120° 34.4′ E
13° 11.1′ N 120° 34.0′ E

Submarine cable [L30.1] joining 12° 21.5′ N 121° 03.0′ E
12° 18.3′ N 121° 00.7′ E
12° 17.0′ N 120° 59.5′ E
12° 12.7′ N 120° 57.7′ E
12° 12.0′ N 120° 57.8′ E
12° 10.7′ N 120° 58.8′ E
12° 08.4′ N 120° 59.7′ E
12° 06.5′ N 121° 01.9′ E
11° 59.2′ N 121° 19.4′ E
11° 59.2′ N 121° 20.1′ E
11° 58.1′ N 121° 22.3′ E
11° 58.3′ N 121° 23.9′ E
12° 01.2′ N 121° 33.3′ E
12° 01.0′ N 121° 33.9′ E
12° 01.2′ N 121° 36.5′ E
12° 02.5′ N 121° 43.6′ E
12° 02.1′ N 121° 45.0′ E
(11(178)03 Manila; UKHO ARCS 4483-0)

91331 3Ed. 8/23/86 LAST NM 18/11 34/11
Add Height 33ft to light 12° 20.0′ N 121° 05.2′ E
Obscured sector 088°-133° to light 13° 37.7′ N 120° 57.9′ E
(UKHO ARCS 4484-0, UKHO LL)

91331 3Ed. 8/23/86 LAST NM 34/11 37/11
Change Period of light to 10s 13° 39.4′ N 121° 25.2′ E
(12(242)09 Manila)

91331 3Ed. 8/23/86 LAST NM 37/11 38/11
Add Wreck [K29] (PA) 13° 31.4′ N 121° 07.8′ E
(12(266)09 Manila)

91331 3Ed. 8/23/86 LAST NM 38/11 42/11
Change Height of light to 361ft 12° 00.9′ N 121° 24.1′ E
Period of light to 10s 11° 51.7′ N 121° 17.5′ E
(See 44/10-91331)
(6(128)11 Manila; UKHO LL)

91331 3Ed. 8/23/86 LAST NM 42/11 45/11
Change Period of light to 10s 12° 54.3′ N 121° 43.3′ E
(7(149)11 Manila)

91331 3Ed. 8/23/86 LAST NM 45/11 3/12
Add Purple heavy dashed line (outside limit of
traffic lane) [M15] between 13° 37.8′ N 120° 58.7′ E
13° 40.0′ N 120° 58.7′ E

Purple heavy dashed line (outside limit of
traffic lane) [M15] between 13° 37.8′ N 121° 01.0′ E
13° 40.0′ N 121° 01.0′ E

Purple tint line (traffic separation line) [M12]
0.2 mile wide on centerline between
13° 37.8′ N 120° 59.8′ E
13° 40.0′ N 120° 59.8′ E

(continued on next page)

91331 (Continued) 3/12
Open-outlined arrow indicating flow of traffic
[M10] oriented 180° 13° 38.8′ N 120° 59.3′ E
Open-outlined arrow indicating flow of traffic
[M10] oriented 000° 13° 39.3′ N 121° 00.4′ E
(5(69)09 Manila; UKHO ARCS 4490-0)

91331 3Ed. 8/23/86 LAST NM 3/12 10/12
Delete Height from light 13° 02.3′ N 121° 29.5′ E

Add Height 33ft to light 12° 56.0′ N 121° 41.0′ E
(UKHO LL)

★91338 2Ed. 8/31/85 NEW EDITION 48/85
(DMAHTC)

91338 2Ed. 8/31/85 LAST NM 48/85 13/91
(Plan B)
Change Characteristic of light to Fl G 5s 12° 14.8′ N 121° 58.8′ E
(46(3317)90 Taunton)

91338 2Ed. 8/31/85 LAST NM 13/91 24/01
(Plan A)
Add Submarine pipeline (gas) [L40.1] joining
12° 11′ 00″N 121° 20′ 36″E
12° 11′ 57″N 121° 22′ 41″E
12° 14′ 01″N 121° 25′ 19″E
12° 15′ 11″N 121° 28′ 00″E
(NTM0019/2001)

91338 2Ed. 8/31/85 LAST NM 24/01 39/01
(Plan B)
Change Visibility (range) of light to 18M
12° 14′ 48″N 121° 58′ 48″E
(BA LL)

91338 2Ed. 8/31/85 LAST NM 39/01 40/01
(Plan B)
Change Light to Fl R 5s 6M 12° 13′ 36″N 122° 00′ 14″E
(BA LL)

★91340 3Ed. 10/29/83 NEW EDITION 2/84
(DMAHTC)

★91340 3Ed. 10/29/83 LAST NM 2/84 10/84
Add Depth 30 fathoms "Rep (1984)" 13° 06.4′ N 122° 10.6′ E
(NVS7196/84)

91340 3Ed. 10/29/83 LAST NM 10/84 20/87
Add Buoys,
red 13° 31.9′ N 122° 03.2′ E
back 13° 32.1′ N 122° 03.7′ E
(2(2)87 Manila)

91340 3Ed. 10/29/83 LAST NM 20/87 45/88
Add Note
"Cancellation of Loran-C Rate 9970-Z.
Loran-C Station 9970-Z on Yap was
moved to Guam. Lines of position for
9970-Z drawn on this chart are no
longer valid and should not be used." 13° 45′ N 122° 20′ E
(MCNM8161/88)

91340 3Ed. 10/29/83 LAST NM 45/88 28/89
Change Period of light to 10s 13° 13.6′ N 121° 48.6′ E
(19(592)89 Tokyo)

91340 3Ed. 10/29/83 LAST NM 28/89 40/90
Substitute Depths
15 1/4 fathoms for 19 fathoms 12° 37.8′ N 122° 11.6′ E
13 3/4 fathoms for 18 fathoms 12° 37.5′ N 122° 12.5′ E
(7(21, 22)90 Manila)

91340 3Ed. 10/29/83 LAST NM 40/90 4/91
Change Characteristic of light to Fl 10s 12° 36.1′ N 123° 14.2′ E
(39(2807)90 Taunton)

91340 3Ed. 10/29/83 LAST NM 4/91 6/91
Change Lights to
Fl 5s 37ft 8M 13° 19.6′ N 121° 50.6′ E
Fl R 5s 35ft 7M 13° 02.3′ N 121° 29.6′ E
(40(2884, 2885)90 Taunton)

91340 3Ed. 10/29/83 LAST NM 6/91 9/91
Change Period of light to 5s 13° 13.7′ N 121° 48.8′ E
(BA LL)

91340 3Ed. 10/29/83 LAST NM 9/91 30/91
Add Light Fl 4s 49ft 13° 41′ 15″N 122° 10′ 10″E
(6(20)91 Manila)

91340 3Ed. 10/29/83 LAST NM 30/91 34/91
Change Light to Fl 5s 212ft 20M 12° 39.7′ N 122° 09.1′ E
(13(961)91 Taunton)

91340 3Ed. 10/29/83 LAST NM 34/91 48/91
Add Light Fl R 5s 7M 12° 54′ 04″N 121° 43′ 23″E
(13(44)91 Manila)

91340 3Ed. 10/29/83 LAST NM 48/91 4/92
Change Characteristic of light to Fl R 5s 13° 35.6′ N 122° 19.2′ E
(31(2253)91 Taunton)

91340 3Ed. 10/29/83 LAST NM 4/92 2/93
Add Depth 3 1/2 fathoms 13° 43′ 49″N 122° 05′ 28″E
(26(1924)92 Taunton)

91340 3Ed. 10/29/83 LAST NM 2/93 14/93
Add Legend "Uncharted coral reef
Rep (1992)" between 13° 45′ N 122° 03′ E
13° 42′ N 122° 07′ E
(45(3331)92 Taunton)

91340 3Ed. 10/29/83 LAST NM 14/93 34/93
Delete All reference to Loran-C rate 9970-Z
Note: Station permanently discontinued
(MCC1267/93)

91340 3Ed. 10/29/83 LAST NM 34/93 24/94
Add Light Fl(3) 10s 12° 41.8′ N 123° 23.0′ E
(3(4)94 Manila)

91340 3Ed. 10/29/83 LAST NM 24/94 28/94
Add Light
Fl(2) 5s 13° 30.1′ N 123° 02.1′ E
Fl 10s 13° 27.3′ N 123° 08.8′ E
(21(1739)94 Taunton)

91340 3Ed. 10/29/83 LAST NM 28/94 29/95
Add Light
Fl 5s 12° 50.7′ N 123° 12.0′ E
Fl(2) 10s 12° 37.7′ N 122° 09.8′ E
(20(1632, 1633)95 Taunton)

91340 3Ed. 10/29/83 LAST NM 29/95 32/95
Add Light
Fl 10s 13° 08.9′ N 122° 59.0′ E
Fl(2) 15s 13° 10.0′ N 122° 35.7′ E
(5(21)95 Manila; MCC044/95; BA LL)

91340 3Ed. 10/29/83 LAST NM 32/95 33/95
Change Light to Fl(3) 15s 212ft 22M 12° 39.7′ N 122° 09.1′ E
Note: Obscured sectors remain

Add Light Fl(3) 5s 13° 39.4′ N 121° 25.2′ E

(And Plan)
Add Light Iso G 3s 13° 53′ 55″N 122° 27′ 00″E
(6(22, 24)95 Manila; MCC044/95)

91340 3Ed. 10/29/83 LAST NM 33/95 44/95
Add Light Fl(3) 15s 12° 36.5′ N 121° 33.3′ E
(7(31)95 Manila)

91340 3Ed. 10/29/83 LAST NM 44/95 3/96
Add Light
Fl 10s 12° 54.3′ N 121° 43.3′ E
Fl G 5s 12° 55.9′ N 121° 40.9′ E
(9(43, 44)95 Manila)

91340 3Ed. 10/29/83 LAST NM 3/96 9/96
Change Visibility (range) of light to 12M 12° 54.1′ N 121° 43.4′ E
(MCC044/95)

91340 3Ed. 10/29/83 LAST NM 9/96 28/96
Change Light to Fl 6s 417ft 22M 13° 13.7′ N 121° 48.8′ E
(SMEA026/96)

91340 3Ed. 10/29/83 LAST NM 28/96 10/97
Change Period of light to 10s 13° 19.6′ N 121° 50.6′ E
(GIMM010/97)

91340 3Ed. 10/29/83 LAST NM 10/97 14/97
Change Characteristic of light to Fl R 5s 13° 47.0′ N 122° 05.2′ E
(GIMM010/97)

91340 3Ed. 10/29/83 LAST NM 14/97 16/98
Add Submarine cable
joining 13° 27.8′ N 121° 20.0′ E
13° 19.3′ N 121° 27.4′ E
13° 14.9′ N 121° 30.5′ E
13° 07.6′ N 121° 34.3′ E
13° 06.1′ N 121° 34.3′ E
13° 05.1′ N 121° 34.6′ E
13° 03.8′ N 121° 34.5′ E
13° 03.5′ N 121° 34.7′ E
13° 01.9′ N 121° 33.0′ E
13° 02.0′ N 121° 31.4′ E
13° 01.8′ N 121° 29.3′ E

joining 13° 01.8′ N 121° 29.3′ E
13° 01.6′ N 121° 30.0′ E
13° 01.3′ N 121° 30.7′ E
12° 59.8′ N 121° 36.5′ E
12° 59.1′ N 121° 37.8′ E
12° 44.8′ N 121° 39.3′ E
12° 40.0′ N 121° 40.9′ E
(GIMM027/98)

91340 3Ed. 10/29/83 LAST NM 16/98 21/98
Add Submarine cable joining 13° 31.0′ N 123° 00.9′ E
13° 30.6′ N 123° 00.7′ E
13° 30.3′ N 123° 00.6′ E
13° 29.5′ N 122° 59.8′ E
13° 29.5′ N 122° 59.4′ E
13° 28.8′ N 122° 53.0′ E
13° 38.0′ N 122° 43.5′ E
13° 39.6′ N 122° 41.5′ E
13° 40.3′ N 122° 40.8′ E
13° 43.0′ N 122° 38.7′ E
13° 43.2′ N 122° 38.5′ E
13° 43.7′ N 122° 38.5′ E
13° 44.1′ N 122° 38.6′ E
13° 45.2′ N 122° 37.5′ E
13° 50.9′ N 122° 34.2′ E
13° 52.9′ N 122° 30.1′ E
13° 53.6′ N 122° 28.6′ E
13° 53.4′ N 122° 27.4′ E

(Plan)
Add Submarine cable joining 13° 53′ 26″N 122° 27′ 24″E
13° 53′ 38″N 122° 28′ 33″E
13° 52′ 55″N 122° 30′ 04″E
13° 52′ 38″N 122° 30′ 47″E
(GIMM027/98)

91340 3Ed. 10/29/83 LAST NM 21/98 29/98
Change Characteristic of light to Fl 10s 12° 47.9′ N 122° 01.1′ E

Add Light Fl R 5s 12° 51.5′ N 121° 29.4′ E
(1(Sec V)98 Manila)

91340 3Ed. 10/29/83 LAST NM 29/98 32/98
Change Characteristic of light to
Fl 5s 12° 35.8′ N 122° 15.8′ E
Fl R 5s 12° 37.2′ N 122° 07.2′ E
(BA LL)

91340 3Ed. 10/29/83 LAST NM 32/98 39/99
Change Period of light to 15s 13° 31′ 58″N 121° 51′ 55″E
(4(Sect IV)98 Manila)

91340 3Ed. 10/29/83 LAST NM 39/99 44/99
Change Light to Fl R 5s 32ft 10M 12° 45.0′ N 121° 29.3′ E
(6(Sect IV)98 Manila)

91340 3Ed. 10/29/83 LAST NM 44/99 46/99
Change Characteristic of light to Fl R 4s 13° 44.9′ N 122° 07.9′ E
(8(Sect IV)98 Manila)

91340 3Ed. 10/29/83 LAST NM 46/99 50/99
Add Submarine cable [L30.1] joining 13° 54.1′ N 121° 36.9′ E
13° 53.7′ N 121° 37.5′ E
13° 52.8′ N 121° 37.6′ E
13° 51.0′ N 121° 38.1′ E
13° 50.6′ N 121° 38.1′ E
13° 50.3′ N 121° 37.9′ E
13° 49.7′ N 121° 37.8′ E
13° 49.1′ N 121° 37.9′ E
13° 48.6′ N 121° 37.9′ E
13° 44.7′ N 121° 38.2′ E
13° 43.4′ N 121° 38.7′ E
13° 41.9′ N 121° 39.3′ E
13° 17.4′ N 121° 39.3′ E
13° 11.4′ N 121° 41.6′ E
13° 09.9′ N 121° 42.2′ E
13° 07.7′ N 121° 43.0′ E
13° 06.2′ N 121° 44.1′ E
13° 02.8′ N 121° 48.4′ E
13° 01.6′ N 121° 49.5′ E
13° 00.4′ N 121° 49.9′ E
13° 00.1′ N 121° 49.7′ E
12° 58.4′ N 121° 49.4′ E
12° 56.8′ N 121° 49.2′ E
12° 35.0′ N 121° 46.2′ E
(GIMM066/98)

91340 3Ed. 10/29/83 LAST NM 50/99 51/99
Change Visibility (range) of light to 16M 12° 47.9′ N 122° 01.1′ E
(37(3330)98 Taunton)

91340 3Ed. 10/29/83 LAST NM 51/99 13/00
Add Light Fl R 5s 3M 13° 04.0′ N 121° 31.2′ E
Light Fl 3s 16ft 6M 13° 19.7′ N 123° 13.5′ E
(10(50, 54, Sect IV)99 Manila)

91340 3Ed. 10/29/83 LAST NM 13/00 34/00
Delete Light 13° 04.0′ N 121° 31.2′ E
(See 13/00-91340)

Change Period of light to 5s 12° 54.3′ N 121° 43.3′ E
Light to Fl 10s 12° 36.5′ N 121° 33.3′ E

Add Light Fl 5s 3M 13° 04.0′ N 121° 31.5′ E
(3(Sec IV)00 Manila)

91340 3Ed. 10/29/83 LAST NM 34/00 35/00
Change Light to Fl 10s 49ft 7M 13° 41.2′ N 122° 10.2′ E
(6(Sec IV)99 Manila; BA LL)

91340 3Ed. 10/29/83 LAST NM 35/00 38/00
Change Characteristic of light to Fl R 10s 12° 55.9′ N 121° 40.9′ E
Light to Fl(2) 10s 42ft 9M 12° 45.0′ N 121° 29.3′ E
(See 44/99-91340)
(5(26), 7(Sec IV)99 Manila)

91340 3Ed. 10/29/83 LAST NM 38/00 39/00
Change Characteristic of light to Fl(2) 5s 13° 27.3′ N 123° 08.8′ E
(6(Sec IV)99 Manila)

91340 3Ed. 10/29/83 LAST NM 39/00 41/00
Change Light to Fl(3) 10s 218ft 20M 12° 36.0′ N 123° 14.3′ E
(48(4373)98 Taunton)

91340 3Ed. 10/29/83 LAST NM 41/00 9/01
Change Period of light to 10s 13° 13.7′ N 121° 48.8′ E
(10(Sec IV)00 Manila)

91340 3Ed. 10/29/83 LAST NM 9/01 24/01
Add Submarine pipeline (gas) [L40.1] joining
12° 35.0′ N 121° 40.2′ E
12° 39.2′ N 121° 42.6′ E
12° 42.1′ N 121° 42.7′ E
12° 54.1′ N 121° 38.6′ E
12° 54.7′ N 121° 38.4′ E
13° 07.5′ N 121° 37.0′ E
13° 08.3′ N 121° 36.7′ E
13° 09.0′ N 121° 36.2′ E
13° 10.3′ N 121° 35.0′ E
13° 11.5′ N 121° 33.8′ E
13° 12.3′ N 121° 32.5′ E
13° 12.6′ N 121° 30.9′ E
13° 13.5′ N 121° 29.4′ E
13° 15.0′ N 121° 28.2′ E
13° 18.2′ N 121° 25.2′ E
13° 22.6′ N 121° 20.0′ E
(NTM0019/2001)

91340 3Ed. 10/29/83 LAST NM 24/01 32/01
Add Light Fl 10s 151ft 10M 13° 00.6′ N 123° 19.2′ E
(4(27)01 Manila)

91340 3Ed. 10/29/83 LAST NM 32/01 35/01
Change Light to Fl 5s 36ft 7M 12° 37.2′ N 122° 07.2′ E
(BA LL)

91340 3Ed. 10/29/83 LAST NM 35/01 40/01
Change Light to Fl R 5s 7M 12° 35.2′ N 122° 15.8′ E
(BA LL)

91340 3Ed. 10/29/83 LAST NM 40/01 43/01
Change Light to Fl R 5s 28ft 8M 13° 26.3′ N 121° 49.0′ E
Visibility (range) of light to 10M 13° 54.0′ N 121° 36.0′ E
Visibility (range) of light to 18M 13° 35.5′ N 122° 19.2′ E
(BA LL)

91340 3Ed. 10/29/83 LAST NM 43/01 45/01
Change Visibility (range) of light to 15M 13° 47.0′ N 122° 05.2′ E
(BA LL)

91340 3Ed. 10/29/83 LAST NM 45/01 47/01
Change Period of light to 10s 13° 27.3′ N 123° 08.8′ E
(BA LL)

91340 3Ed. 10/29/83 LAST NM 47/01 11/02
Change Light to Fl 5s 12° 41.8′ N 123° 23.0′ E
(BA LL)

91340 3Ed. 10/29/83 LAST NM 11/02 19/02
Change Period of light to 5s 13° 53.9′ N 122° 27.0′ E

(Plan)
Change Period of light to 5s 13° 53′ 55″N 122° 27′ 00″E
(2(25)02 Manila)

91340 3Ed. 10/29/83 LAST NM 19/02 21/02
Change Visibility (range) of light to 23M 13° 13.7′ N 121° 48.8′ E
(16(1683)02 Taunton)

91340 3Ed. 10/29/83 LAST NM 21/02 42/03
Change Light to Fl 7s 12M 12° 56.0′ N 121° 41.0′ E
(3(57)02 Manila; BA LL)

91340 3Ed. 10/29/83 LAST NM 42/03 13/06
Change Light to Fl 15s 212ft 22M 12° 39.7′ N 122° 09.1′ E
(4(70)02 Manila; BA LL)

91340 3Ed. 10/29/83 LAST NM 13/06 42/06
Change Height of light to 147ft 13° 00.6′ N 123° 19.2′ E
(4(27)01 Manila)

91340 3Ed. 10/29/83 LAST NM 42/06 46/06
Add Light Fl 5s 13° 20.8′ N 122° 30.8′ E
(6(138)02 Manila)

91340 3Ed. 10/29/83 LAST NM 46/06 47/06
Add Light Fl 5s 46m 6M 13° 14.3′ N 121° 25.2′ E
(8(171)02 Manila; BA LL)

91340 3Ed. 10/29/83 LAST NM 47/06 8/07
Change Light to Fl 5s 12° 51.5′ N 121° 29.4′ E
(3(25)03 Manila)

91340 3Ed. 10/29/83 LAST NM 8/07 29/07
Change Characteristic of light to Fl(2) 5s 12° 37.6′ N 122° 09.8′ E
(10(149)04 Manila; BA LL)

91340 3Ed. 10/29/83 LAST NM 29/07 44/07
Change Characteristic of light to Fl(3) 15s 12° 39.7′ N 122° 09.1′ E
(7(102)07 Manila)

★**91340** 3Ed. 10/29/83 LAST NM 44/07 23/09
Add Depth 109 fathoms 12° 49′ 29″N 121° 52′ 23″E
Depth 162 fathoms 12° 51′ 59″N 121° 59′ 35″E
Depth 157 fathoms 12° 47′ 57″N 121° 53′ 05″E
(NTM0006/2009)

91340 3Ed. 10/29/83 LAST NM 23/09 47/09
Change Characteristic of light to Fl 10s 12° 45′ 00″N 121° 29′ 18″E
(8(145)09 Manila)

★**91340** 3Ed. 10/29/83 LAST NM 47/09 51/09
Add Depth 4 fathoms enclosed by depth contour
(10-fathom) centered 13° 16′ 01″N 121° 50′ 59″E

Depth 51 fathoms 13° 16′ 30″N 121° 50′ 23″E

Depth 57 fathoms enclosed by depth contour
(100-fathom) centered 13° 12′ 14″N 121° 54′ 38″E
Depth 95 fathoms enclosed by depth contour
(100-fathom) centered 13° 13′ 12″N 121° 51′ 22″E

Depth 149 fathoms 13° 00′ 56″N 121° 50′ 19″E
(NTM0006/2009)

91340 3Ed. 10/29/83 LAST NM 51/09 44/10
Add Wreck [K29] (PA) 13° 03′ 18″N 121° 59′ 55″E
(8(167)10 Manila)

91340 3Ed. 10/29/83 LAST NM 44/10 45/10
Add Light Fl(2) 5s 13° 09′ 20″N 121° 26′ 19″E
(2(45)08 Manila)

91340 3Ed. 10/29/83 LAST NM 45/10 46/10
Change Light to Fl(3) 10s 12° 41′ 48″N 123° 23′ 00″E
(UKHO ARCS 4487-0)

91340 3Ed. 10/29/83 LAST NM 46/10 6/11
Add Light Fl(3) 10s 13° 20′ 32″N 123° 12′ 50″E
(UKHO ARCS 4488-0)

91340 3Ed. 10/29/83 LAST NM 6/11 11/11
Change Characteristic of light to Fl 10s 12° 36′ 00″N 123° 14′ 18″E
(UKHO ARCS 4487-0)

91340 3Ed. 10/29/83 LAST NM 11/11 15/11
Change Characteristic of light to Fl(2) 15s
13° 31′ 58″N 121° 51′ 55″E
(6(110)05 Manila)

91340 3Ed. 10/29/83 LAST NM 15/11 23/11
Change Period of light to 5s 13° 41.2′ N 122° 10.2′ E
(2(38)05 Manila)

91340 3Ed. 10/29/83 LAST NM 23/11 24/11
Change Period of light to 10s 12° 37.6′ N 122° 09.8′ E
(12(272)10 Manila)

91340 3Ed. 10/29/83 LAST NM 24/11 32/11
Change Characteristic of light to Fl 5s 13° 27.3′ N 123° 08.8′ E
(10(180)07 Manila)

91340 3Ed. 10/29/83 LAST NM 32/11 35/11
Change Period of light to 3s 13° 53.9′ N 122° 27.0′ E

(Plan)
Change Period of light to 3s 13° 53′ 55″N 122° 27′ 00″E
(10(265)08 Manila)

91340 3Ed. 10/29/83 LAST NM 35/11 37/11
Change Period of light to 10s 13° 39.4′ N 121° 25.2′ E
(12(242)09 Manila)

91340 3Ed. 10/29/83 LAST NM 37/11 38/11
Change Period of light to 5s 12° 47.9′ N 122° 01.1′ E
(12(244)09 Manila)

91340 3Ed. 10/29/83 LAST NM 38/11 45/11
Change Period of light to 10s 12° 54.3′ N 121° 43.3′ E
(7(149)11 Manila)

91340 3Ed. 10/29/83 LAST NM 45/11 51/11
Add Buoy Y, spherical, Fl(5) Y 10s 13° 04.5′ N 122° 55.6′ E
(7(149)10 Manila; UKHO ARCS 4487-0)

91340 3Ed. 10/29/83 LAST NM 51/11 3/12
Change Period of light to 6s 13° 13.7′ N 121° 48.8′ E
(5(102)11 Manila)

91340 3Ed. 10/29/83 LAST NM 3/12 10/12
Delete Height from light 13° 02.3′ N 121° 29.6′ E

Add Height 33ft to light 12° 56.0′ N 121° 41.0′ E
(UKHO LL)

★91350 1Ed. 8/3/13 NEW CHART N43/13
(NGA)

★91355 1Ed. 6/1/13 NEW CHART N34/13
(NGA)

★91360 3Ed. 6/8/13 NEW EDITION N35/13
(NGA)

★91380 3Ed. 6/2/12 NEW EDITION N37/12
(NGA)

★91400 3Ed. 12/24/11 NEW EDITION N17/12
(NGA)

91400 3Ed. 12/24/11 LAST NM N17/12 N22/12
Add Light Fl(2) 5s (PA) 13° 33′ 30″N 123° 32′ 21″E
(2(15)12 Manila)

★91407 2Ed. 12/18/76 NEW EDITION 6/77
(DMAHC)

91407 2Ed. 12/18/76 LAST NM 6/77 32/77
Delete Lights 13° 23′ 54″N 123° 42′ 17″E
13° 24′ 19″N 123° 42′ 48″E

Add Range lights,
front FR 36ft 7M in 13° 24′ 19″N 123° 42′ 50″E
rear FR 8M 13° 23′ 59″N 123° 42′ 15″E

Range line extending in 058° 55′
direction from above rear light
dashed for 2.9 miles, thence
solid for 5.2 miles
Note: Lights in line 238° 55′
(Phil CH 4221)

91407 2Ed. 12/18/76 LAST NM 32/77 41/77
Change Lights to
Fl R 5sec 36ft 9M 13° 24′ 19″N 123° 42′ 50″E
Fl G 5sec 9M 13° 23′ 59″N 123° 42′ 15″E
(See 32/77-91407)
(25(051, 052)77 Manila)

91407 2Ed. 12/18/76 LAST NM 41/77 20/79
Change Light to Fl R 5sec 53ft 7M 13° 13′ 32″N 123° 52′ 15″E
(22(67)78 Manila)

★91407 2Ed. 12/18/76 LAST NM 20/79 13/87
Delete Buoys
"1" 13° 11′ 14″N 123° 48′ 27″E
"6" 13° 09′ 30″N 123° 47′ 49″E
(MCNM7904/87)

91407 2Ed. 12/18/76 LAST NM 13/87 31/90
Delete Bns 13° 15′ 45″N 123° 54′ 12″E
13° 15′ 46″N 123° 53′ 58″E
13° 16′ 04″N 123° 53′ 54″E

Note 13° 15′ 10″N 123° 56′ 27″E

Buoys
"2" 13° 15′ 18″N 123° 54′ 52″E
"4" 13° 15′ 38″N 123° 54′ 40″E
"6" 13° 15′ 52″N 123° 54′ 43″E
"3" 13° 15′ 43″N 123° 54′ 29″E
(4(9, 10)90 Manila)

91407 2Ed. 12/18/76 LAST NM 31/90 45/90
Add Pilot station symbols 13° 12′ 30″N 123° 46′ 48″E
13° 26′ 30″N 123° 46′ 48″E
(9(24, 25)90 Manila)

91407 2Ed. 12/18/76 LAST NM 45/90 4/91
(And Plan)
Change Characteristic of light to Fl R 5s
13° 09′ 29″N 123° 45′ 13″E
(39(2804)90 Taunton)

91407 2Ed. 12/18/76 LAST NM 4/91 30/91
Change Light to FR 60ft 9M 13° 23′ 59″N 123° 42′ 15″E
(6(23)91 Manila)

91407 2Ed. 12/18/76 LAST NM 30/91 39/91
Add Anchorage symbol (large vessels)
13° 09′ 39″N 123° 46′ 00″E
13° 21′ 30″N 123° 45′ 00″E
(10(37, 38)91 Manila)

91407 2Ed. 12/18/76 LAST NM 39/91 3/92
Change Light to FR 36ft 9M 13° 24′ 19″N 123° 42′ 50″E
(30(2180)91 Taunton)

91407 2Ed. 12/18/76 LAST NM 3/92 17/94
Add Light Fl(2) G 4s 13° 24′ 20″N 123° 45′ 45″E
(3(3)94 Manila)

91407 2Ed. 12/18/76 LAST NM 17/94 33/94
Delete Random mark at depth 9 fathoms
13° 25′ 50″N 123° 45′ 10″E
(Phil CH 4237)

91407 2Ed. 12/18/76 LAST NM 33/94 9/96
Change Visibility (range) of range light,
front to 7M 13° 24′ 19″N 123° 42′ 50″E
(MCC044/95)

91407 2Ed. 12/18/76 LAST NM 9/96 9/97
Add Anchorage symbol (large vessels)
13° 09′ 00″N 123° 46′ 18″E
(6(12)96 Manila)

91407 2Ed. 12/18/76 LAST NM 9/97 18/98
Add Submarine cable joining 13° 09′ 50″N 123° 57′ 50″E
13° 10′ 04″N 123° 57′ 00″E
13° 10′ 52″N 123° 56′ 04″E
13° 10′ 56″N 123° 54′ 31″E
13° 11′ 15″N 123° 53′ 04″E
13° 10′ 37″N 123° 49′ 53″E
13° 10′ 33″N 123° 48′ 55″E
13° 10′ 12″N 123° 47′ 06″E
13° 10′ 00″N 123° 46′ 45″E
13° 09′ 22″N 123° 46′ 16″E
13° 08′ 46″N 123° 45′ 57″E
13° 08′ 26″N 123° 45′ 50″E
13° 08′ 21″N 123° 45′ 45″E
13° 08′ 14″N 123° 45′ 37″E
(GIMM027/98)

91407 2Ed. 12/18/76 LAST NM 18/98 13/00
Add Light Fl 5s 16ft 13° 17′ 57″N 123° 47′ 38″E
(10(53, Sect IV)99 Manila)

91407 2Ed. 12/18/76 LAST NM 13/00 35/00
Change Characteristic of light to Fl 5s 13° 13′ 32″N 123° 52′ 15″E
(4(Sec IV)00 Manila)

91407 2Ed. 12/18/76 LAST NM 35/00 43/01
Change Visibility (range) of light to 13M
13° 09′ 30″N 123° 45′ 12″E

(Plan)
Change Visibility (range) of light to 13M
13° 09′ 29.2″N 123° 45′ 12.8″E
(BA LL)

91407 2Ed. 12/18/76 LAST NM 43/01 10/02
Change Visibility (range) of light to 7M
13° 24′ 00″N 123° 42′ 18″E
(10(128)01 Manila)

91407 2Ed. 12/18/76 LAST NM 10/02 8/07
Delete Pilot station symbol 13° 12′ 30″N 123° 46′ 48″E

Add Pilot station symbol [T1.1] 13° 12′ 53″N 123° 48′ 14″E
(2(19)03 Manila)

91407 2Ed. 12/18/76 LAST NM 8/07 10/07
Change Characteristic of light to Fl R 5s
13° 13′ 32″N 123° 52′ 15″E
(BA LL)

91407 2Ed. 12/18/76 LAST NM 10/07 30/11
Change Characteristic of light to Fl 5s 13° 24′ 00″N 123° 42′ 18″E
(UKHO ARCS 4486-0)

★**92006** 5Ed. 3/13/99 NEW EDITION 32/99
Change Line 4 of Caution No. 1 to
"this area; see Sailing Directions." 2° 33.0′ N 115° 42.0′ E

Add Legend "MINED AREA CAUTION NO 4"
7° 28.0′ N 117° 17.0′ E

Caution No. 4 to CAUTIONS note
"4. A Mine Danger Area exists between
Mangsee Danger Reef and Pulau Banggi.
For details, see Sailing Directions." 2° 05.0′ N 115° 42.0′ E
(NIMA)

92006 5Ed. 3/13/99 LAST NM 32/99 43/99
Add Light symbol 7° 30.4′ N 117° 18.4′ E
(5(20)98 Manila)

92006 5Ed. 3/13/99 LAST NM 43/99 51/99
Delete Depth 16.4 meters 5° 33.3′ N 120° 26.1′ E

Add Depth 11 meters 5° 33.5′ N 120° 26.3′ E
Depth 13 meters "Rep (1994)" 5° 33.8′ N 120° 30.3′ E
(37(3331)98 Taunton)

92006 5Ed. 3/13/99 LAST NM 51/99 16/00
Delete Light 9° 40.0′ N 123° 50.8′ E
(5(13)99 Manila)

92006 5Ed. 3/13/99 LAST NM 16/00 39/00
Add Light symbol 9° 07.3′ N 123° 40.8′ E
(6(32)99 Manila)

92006 5Ed. 3/13/99 LAST NM 39/00 45/02
Delete Rock which covers and uncovers (ED)
9° 50.5′ N 116° 36.5′ E
Dangerous submerged rock (ED) 9° 47.0′ N 116° 40.8′ E
Rock which covers and uncovers (ED)
9° 45.1′ N 116° 43.5′ E
(36(3833)02 Taunton)

92006 5Ed. 3/13/99 LAST NM 45/02 46/02
Add Light symbol [P1] 3° 28.0′ N 117° 52.4′ E
(38(4071)02 Taunton)

92006 5Ed. 3/13/99 LAST NM 46/02 5/03
Add Depth 5.5 meters, blue tint and enclosing
depth contour (20-meter) 8° 25.7′ N 116° 58.0′ E

Depth 66 meters 8° 29.4′ N 116° 49.7′ E
(49(4563)99 Taunton)

92006 5Ed. 3/13/99 LAST NM 5/03 10/04
Add Purple dashed line with legend "ASL (see
Note)" joining 4° 32.2′ N 125° 10.4′ E
4° 12.1′ N 126° 01.0′ E
2° 00.0′ N 126° 50.1′ E

Purple dashed line with legend "ASL (see
Note)" between 3° 01.0′ N 127° 30.0′ E
2° 00.0′ N 127° 05.5′ E

Note from Subsection I-2 2° 30.0′ N 117° 00.0′ E
(NTM0009/2003)

92006 5Ed. 3/13/99 LAST NM 10/04 36/04
Add Wreck [K29] 3° 43.0′ N 126° 47.0′ E
(17(121)04 Jakarta)

92006 5Ed. 3/13/99 LAST NM 36/04 42/04
Delete Dangerous submerged rocks (2) and legend
"Glasgow Bank ED Rep (1863)" 8° 22.0′ N 115° 29.0′ E
Dangerous submerged rocks (2) and legend
"North Viper Shoal PD" 8° 02.0′ N 115° 22.0′ E
(51(5012)00 Taunton)

92006 5Ed. 3/13/99 LAST NM 42/04 43/04
Delete Depth 44 meters and enclosing depth contour
(200-meter) centered 7° 50.0′ N 116° 31.6′ E
(51(5020)00 Taunton)

92006 5Ed. 3/13/99 LAST NM 43/04 12/06
Add Wreck [K29] 7° 59.6′ N 116° 40.2′ E
Wreck [K29] 7° 42.9′ N 116° 45.1′ E
Light symbol [P1] 9° 07.4′ N 125° 31.8′ E
Light symbol [P1] 9° 15.4′ N 124° 42.9′ E
(7(158), 11(243)02 Manila; NTM0015/2006)

92006 5Ed. 3/13/99 LAST NM 12/06 15/06
Add Light symbol [P1] 8° 54.6′ N 125° 01.3′ E
(4(82)02 Manila)

92006 5Ed. 3/13/99 LAST NM 15/06 47/06
Add Light symbol [P1] 9° 39.5′ N 123° 49.6′ E
(8(170)02 Manila)

92006 5Ed. 3/13/99 LAST NM 47/06 10/07
Add Depth 234 meters 8° 47.7′ N 123° 24.0′ E
(5(71)03 Manila)

92006 5Ed. 3/13/99 LAST NM 10/07 11/07
Add Light symbol [P1] 8° 13.9′ N 124° 13.9′ E
Light symbol [P1] 8° 14.7′ N 126° 27.3′ E
(4(36)03, 10(197)06 Manila)

92006 5Ed. 3/13/99 LAST NM 11/07 21/07
Add Depth 12.3 meters "Rep (2006)" [I3.2]
7° 29.1′ N 118° 09.5′ E
(10(137)06 Kuala Lumpur)

92006 5Ed. 3/13/99 LAST NM 21/07 27/07
Add Light symbol [P1] 7° 21.4′ N 124° 13.2′ E
(3(34)07 Manila)

92006 5Ed. 3/13/99 LAST NM 27/07 29/07
Add Light symbol [P1] 8° 58.0′ N 124° 46.2′ E
(10(144)04 Manila)

92006 5Ed. 3/13/99 LAST NM 29/07 45/07
Add Platform with light flare symbol [L10]
6° 21.6′ N 115° 18.2′ E

Submarine pipeline (gas) [L40.1] between
6° 21.6′ N 115° 18.2′ E
6° 21.0′ N 115° 40.0′ E
(48(5242)03 Taunton; 6(99)04 Kuala Lumpur)

92006 5Ed. 3/13/99 LAST NM 45/07 36/08
Add Depth 50 meters Wk [K26] 6° 57.3′ N 116° 24.9′ E
(NTM0005/2008)

92006 5Ed. 3/13/99 LAST NM 36/08 23/09
Add Depth 399 meters 4° 04.4′ N 125° 33.0′ E
Depth 283 meters 4° 34.5′ N 125° 33.7′ E
(NTM0006/2009)

92006 5Ed. 3/13/99 LAST NM 23/09 4/11
Add Light symbol [P1] 8° 31.6′ N 124° 45.0′ E
(UKHO ARCS 4472-0)

92006 5Ed. 3/13/99 LAST NM 4/11 11/11
Add Depth 965 meters "Rep (2011)" [I4] 8° 22.5′ N 119° 26.0′ E
(NTM0008/2011)

92006 5Ed. 3/13/99 LAST NM 11/11 14/11
Delete Dangerous submerged rock 5° 29.5′ N 122° 03.0′ E

Dangerous submerged rock and legend
"Director ED" 8° 30.0′ N 115° 55.2′ E
(12(172)04 Manila)

92006 5Ed. 3/13/99 LAST NM 14/11 23/11
Add Purple circle and legend "AIS" to light
7° 03.0′ N 116° 45.0′ E
(UKHO LL)

92006 5Ed. 3/13/99 LAST NM 23/11 24/11
Add Dangerous submerged rock [K13] "Rep
(2005)" 8° 54.2′ N 119° 55.2′ E
(UKHO ARCS 3811-0)

92006 5Ed. 3/13/99 LAST NM 24/11 39/11
Add Light symbol [P1] 4° 13.5′ N 125° 41.6′ E
Light symbol [P1] 4° 39.3′ N 125° 25.5′ E
(45(333, 334)03 Jakarta)

92006 5Ed. 3/13/99 LAST NM 39/11 52/11
Add Light symbol [P1] 4° 40.5′ N 125° 25.1′ E
(44(382)07 Jakarta)

92006 5Ed. 3/13/99 LAST NM 52/11 31/12
Delete Dangerous submerged rock (ED), blue tint and enclosing dotted-line contour in vicinity 9° 11.9′ N 116° 22.7′ E
Note: Legend "Investigator Northeast Shoal" remains

Dangerous submerged rock (ED), blue tint area and enclosing dotted-line contour in vicinity 8° 49.0′ N 115° 15.0′ E
Dangerous submerged rock (ED), blue tint and enclosing dotted-line contour in vicinity 9° 05.0′ N 115° 17.5′ E

Add Depth 1130 meters 9° 12.1′ N 116° 23.3′ E
Depth 421 meters 9° 54.4′ N 115° 04.8′ E
(NTM0005/2012)

92006 5Ed. 3/13/99 LAST NM 31/12 44/12
Add Light symbol [P1] 9° 18.1′ N 123° 37.3′ E
Light symbol [P1] 9° 09.3′ N 123° 30.8′ E
(6(104, 105)12 Manila)

92006 5Ed. 3/13/99 LAST NM 44/12 2/13
Add Light symbol [P1] 8° 35.9′ N 123° 45.4′ E
(5(97)12 Manila)

92006 5Ed. 3/13/99 LAST NM 2/13 5/13
Delete Depth 547 meters 9° 08.3′ N 119° 50.3′ E
Depth 287 meters 8° 41.2′ N 119° 47.1′ E
Stranded wreck 8° 54.4′ N 120° 01.0′ E
Stranded wreck (PA) 8° 47.5′ N 119° 48.5′ E
(UKHO ARCS 967-0)

92006 5Ed. 3/13/99 LAST NM 5/13 14/13
Relocate Light from 8° 44.0′ N 119° 49.4′ E to 8° 44.9′ N 119° 49.2′ E
(NTM0009/2013)

★**92010** 3Ed. 5/14/83 NEW EDITION 29/83
Delete Depth 5 ¼ fathoms "Rep (1979)" 5° 46.4′ N 119° 10.4′ E

Substitute Depth 5 ¼ fathoms "Rep (1979)" for 5 fathoms 5° 45.5′ N 119° 09.8′ E

Add Latitude designation 50′ in chart border 4° 50.0′ N 122° 07.0′ E
(DMAHTC; 8(515)79 Taunton)

92010 3Ed. 5/14/83 LAST NM 29/83 6/84
Substitute Isolated danger light: Fl(2) 8s 46ft 9M for beacon 5° 46.5′ N 118° 49.7′ E

Add Note
"CHANGES IN BUOYAGE
Certain buoys, lights and beacons within the area of this chart will be affected by the implementation of the conversion to IALA Maritime Buoyage System in Region A. For further explanation, see annual NM 1(6) and Chart No. 1." 5° 20′ N 118° 55′ E
(51(3355)83 Taunton; NVS6577/82)

92010 3Ed. 5/14/83 LAST NM 6/84 16/84
Change Buoy to isolated danger buoy: BRB, pillar, double ball topmark, Fl(2) 10s 5° 35.0′ N 119° 08.8′ E
(10(631)84 Taunton)

92010 3Ed. 5/14/83 LAST NM 16/84 32/85
Add Depth 122 fathoms "Rep (1984)" 5° 47.3′ N 119° 51.5′ E
(HNNM7516/85)

92010 3Ed. 5/14/83 LAST NM 32/85 46/88
Change Characteristic of light to Fl 5s 6° 34.0′ N 12° 41.8′ E
(BA LL)

92010 3Ed. 5/14/83 LAST NM 46/88 19/89
Delete Legend "Continued on 92035" in upper left border of chart
(DMAHTC)

92010 3Ed. 5/14/83 LAST NM 19/89 27/89
Change Characteristic of light to Fl 5s 6° 34.0′ N 121° 41.8′ E
(Cancels 46/88-92010)
(BA LL)

92010 3Ed. 5/14/83 LAST NM 27/89 20/90
Change Characteristic of light to F 5° 02.2′ N 119° 46.4′ E
Note:Obscured sector unchanged
(BA LL)

92010 3Ed. 5/14/83 LAST NM 20/90 3/91
Change Period of light to 15s 6° 53.1′ N 122° 02.5′ E
(38(2730)90 Taunton)

92010 3Ed. 5/14/83 LAST NM 3/91 9/91
Change Lights to
Fl R 5s 10M 6° 58.1′ N 118° 31.4′ E
Fl 5s 15M 5° 49.9′ N 119° 44.2′ E
(23(62, 65)90 Manila)

92010 3Ed. 5/14/83 LAST NM 9/91 12/91
Change Characteristic of light to Fl 5s 5° 02.2′ N 119° 46.4′ E
(24(68)90 Manila)

92010 3Ed. 5/14/83 LAST NM 12/91 27/91
Change Period of light to 5s 6° 54.2′ N 122° 04.4′ E
(BA LL)

92010 3Ed. 5/14/83 LAST NM 27/91 29/91
Add Dangerous wreck (PA) 5° 02′ 30″N 119° 02′ 00″E
(1(26)91 Kuala Lumpur)

92010 3Ed. 5/14/83 LAST NM 29/91 34/91
Change Light to Fl R 5s 36ft 7M 6° 44.7′ N 121° 59.4′ E
(13(962)91 Taunton)

92010 3Ed. 5/14/83 LAST NM 34/91 52/91
Change Light to Fl 6s 85ft 25M 5° 25.1′ N 119° 12.9′ E
(30(2181)91 Taunton)

92010 3Ed. 5/14/83 LAST NM 52/91 16/94
Add Depth 7 fathoms "Rep (1993)" 5° 34.3′ N 119° 29.8′ E
(9(777)94 Taunton)

92010 3Ed. 5/14/83 LAST NM 16/94 9/95
Add Racon at light 4° 34.8′ N 118° 57.0′ E
(12(162)94 Kuala Lumpur)

92010 3Ed. 5/14/83 LAST NM 9/95 47/95
Add Depth
27 fathoms 6° 38.3′ N 118° 32.6′ E
23 fathoms 6° 33.4′ N 118° 27.9′ E
(38(3143)95 Taunton)

92010 3Ed. 5/14/83 LAST NM 47/95 14/96
Substitute Depth 8 fathoms for 9 fathoms 6° 16.2′ N 121° 42.9′ E
(8(702)96 Taunton)

92010 3Ed. 5/14/83 LAST NM 14/96 40/96
Delete R Bn (AERO) 5° 01.5′ N 118° 20.8′ E
(BA RA)

92010 3Ed. 5/14/83 LAST NM 40/96 1/98
Change Characteristic of light to
Fl R 5s 6° 03.5′ N 120° 59.9′ E
Fl 5s 6° 58.1′ N 118° 31.4′ E
(GIMM066/97)

92010 3Ed. 5/14/83 LAST NM 1/98 5/98
Add Wreck "Rep (1991)" 6° 55.0′ N 121° 57.3′ E

Submarine cable with legend "See Note" joining 6° 54.8′ N 122° 03.5′ E
6° 53.6′ N 122° 04.2′ E
6° 51.8′ N 122° 07.0′ E

Note
"SUBMARINE CABLES
Anchoring and fishing are prohibited in the vicinity of the submarine cable." 5° 15.0′ N 118° 55.0′ E
(9(65)97 Manila; GIMM009/98)

92010 3Ed. 5/14/83 LAST NM 5/98 50/98
Add Dashed line with legend "Harbor Limit" between 4° 55.6′ N 118° 28.5′ E
4° 56.5′ N 118° 18.0′ E
(12(187)97 Kuala Lumpur)

92010 3Ed. 5/14/83 LAST NM 50/98 51/99
Delete Depth 9 fathoms 5° 33.2′ N 120° 26.3′ E

Add Depth 6 fathoms 5° 33.6′ N 120° 26.2′ E
Depth 7 fathoms "Rep (1994)" 5° 33.9′ N 120° 30.2′ E
(37(3331)98 Taunton)

92010 3Ed. 5/14/83 LAST NM 51/99 34/01
Change Light to Fl 5s 387ft 10M 6° 58.1′ N 118° 31.4′ E
(5(57)01 Manila; BA LL)

92010 3Ed. 5/14/83 LAST NM 34/01 40/01
Change Visibility (range) of light to 12M 6° 58.1′ N 118° 31.4′ E
(See 34/01-92010)
(7(84)01 Manila)

92010 3Ed. 5/14/83 LAST NM 40/01 45/01
Change Visibility (range) of light to 20M 6° 53.1′ N 122° 02.5′ E
Visibility (range) of light to 18M 6° 10.5′ N 120° 27.5′ E
Visibility (range) of light to 18M 6° 03.5′ N 120° 59.9′ E

Add Light Fl 5s 95ft 20M 4° 35.4′ N 119° 28.1′ E
(BA CH 928; BA LL)

92010 3Ed. 5/14/83 LAST NM 45/01 19/02
Change Characteristic of light to Fl 5s 6° 53.1′ N 122° 02.5′ E
(See 45/01-92010)
(2(20)02 Manila)

92010 3Ed. 5/14/83 LAST NM 19/02 4/06
Add Dangerous wreck [K28] 6° 55.9′ N 121° 59.2′ E
(8(125)03 Manila)

92010 3Ed. 5/14/83 LAST NM 4/06 27/07
Change Characteristic of light to Fl(3) 15s 6° 53.1′ N 122° 02.5′ E
(9(131)03 Manila; BA LL)

92010 3Ed. 5/14/83 LAST NM 27/07 32/09
Add "Marine Reserve" area [N22] bound by purple dashed line joining 4° 42.0′ N 118° 37.0′ E
4° 33.0′ N 118° 37.0′ E
4° 33.0′ N 118° 46.0′ E
4° 36.0′ N 118° 51.0′ E
4° 40.0′ N 118° 51.0′ E

Note
"Marine Reserve
Due to the irregular nature of the bottom, the possibility of the existence of uncharted rocky pinnacles and coral reefs in this area cannot be entirely disregarded." 5° 31.5′ N 118° 28.0′ E
(10(199)08 Kuala Lumpur)

92010 3Ed. 5/14/83 LAST NM 32/09 14/11
Delete Dangerous submerged rock and legend "From Spanish charts of 1874" 5° 29.5′ N 122° 03.0′ E
(12(172)04 Manila)

★**92020** 2Ed. 2/8/86 NEW EDITION 29/86
(Previously Distribution Limited)

Add Depths
115 fathoms "Rep (1981)" 9° 28.3′ N 121° 03.0′ E
143 fathoms "Rep (1980)" 9° 27.5′ N 121° 04.0′ E
244 fathoms "Rep (1981)" 9° 30.8′ N 121° 05.0′ E
(Previously published 10/86)

Delete R Bn (AERO) 6° 55.6′ N 122° 03.3′ E
Note 9° 10.5′ N 122° 18.0′ E
(DMAHTC)

92020 2Ed. 2/8/86 LAST NM 29/86 13/87
Add Depth 140 meters 10° 10.7′ N 121° 32.2′ E
(Jpn CH 1608)

★**92020** 2Ed. 2/8/86 LAST NM 13/87 14/87
Delete Depths
115 fathoms "Rep (1981)" 9° 28.3′ N 121° 03.0′ E
143 fathoms "Rep (1980)" 9° 27.5′ N 121° 04.0′ E
244 fathoms "Rep (1981)" 9° 30.8′ N 121° 05.0′ E
(See 29/86-92020)

Add Depth
206 meters 9° 30.7′ N 121° 05.5′ E
215 meters "Rep (1981)" 9° 28.3′ N 121° 03.0′ E
268 meters "Rep (1980)" 9° 27.5′ N 121° 04.0′ E
(HNNM7698/86)

92020 2Ed. 2/8/86 LAST NM 14/87 52/87
Change Legends
"(65)" to "(20)" 9° 36.0′ N 120° 59.0′ E
"(100)" to "(30)" 9° 15.8′ N 120° 51.0′ E
"(60)" to "(18)" 9° 13.3′ N 120° 47.2′ E
(MCNM8007/87)

★**92020** 2Ed. 2/8/86 LAST NM 52/87 7/88
Add Depth 294 meters 9° 31.2′ N 121° 06.8′ E
(MCNM8053/88)

92020 2Ed. 2/8/86 LAST NM 7/88 46/88
Change Light to Fl 5s 6° 34.0′ N 12° 41.8′ E
(BA LL)

92020 2Ed. 2/8/86 LAST NM 46/88 27/89
Change Light to Fl 5s 6° 34.0′ N 121° 41.8′ E
(Cancels 46/88-92020)
(BA LL)

92020 2Ed. 2/8/86 LAST NM 27/89 22/90
Change Characteristic of light to Fl(4) 15s 10° 29.1′ N 122° 28.8′ E
(8(665)90 Taunton)

92020 2Ed. 2/8/86 LAST NM 22/90 3/91
Change Period of light to 15s 6° 53.1′ N 122° 02.5′ E
(38(2730)90 Taunton)

92020 2Ed. 2/8/86 LAST NM 3/91 4/91
Change Characteristic of light to Fl 8s 10° 25.1′ N 121° 55.2′ E
(39(2810)90 Taunton)

92020 2Ed. 2/8/86 LAST NM 4/91 9/91
Change Light to Fl 5s 15M 5° 49.9′ N 119° 44.2′ E
(23(65)90 Manila)

92020 2Ed. 2/8/86 LAST NM 9/91 13/91
Change Characteristic of light to Fl(3) 10s 10° 25.1′ N 121° 55.2′ E
(46(3318)90 Taunton)

92020 2Ed. 2/8/86 LAST NM 13/91 20/91
Change Light to Fl 5s 111m 15M 10° 29.7′ N 119° 59.6′ E
(6(437)91 Taunton)

92020 2Ed. 2/8/86 LAST NM 20/91 27/91
Change Period of light to 5s 6° 54.2′ N 122° 04.4′ E
(BA LL)

92020 2Ed. 2/8/86 LAST NM 27/91 34/91
Change Light to Fl R 5s 11m 7M 6° 44.7′ N 121° 59.4′ E
(13(962)91 Taunton)

92020 2Ed. 2/8/86 LAST NM 34/91 24/95
Add Depth
567 meters 8° 22.0′ N 119° 31.8′ E
158 meters 10° 05.4′ N 120° 07.8′ E
(15(1279)95 Taunton)

92020 2Ed. 2/8/86 LAST NM 24/95 44/95
Add Light Fl(3) 8s 7° 06.5′ N 121° 53.8′ E
(7(34)95 Manila)

92020 2Ed. 2/8/86 LAST NM 44/95 45/95
Delete Depth 1810 meters 9° 04.4′ N 119° 40.1′ E

Substitute Depth 275 meters for 962 meters 9° 04.8′ N 119° 42.6′ E

Add Depth 547 meters 9° 08.2′ N 119° 50.3′ E
(38(3142)95 Taunton)

92020 2Ed. 2/8/86 LAST NM 45/95 14/96
Substitute Depth 14.6 meters for 16.4 meters 6° 16.2′ N 121° 42.9′ E
(8(702)96 Taunton)

92020 2Ed. 2/8/86 LAST NM 14/96 23/96
Change Visibility (range) of light to 15M 8° 43.8′ N 119° 48.9′ E
Characteristic of light to Fl 10s 10° 25.2′ N 121° 55.2′ E

Add Light
Q(2) 2s 7° 45.6′ N 122° 06.3′ E
Fl(3) 6s 7° 35.2′ N 122° 08.3′ E
(1(3), 2(5)96 Manila; SMEA026/96; BA LL)

92020 2Ed. 2/8/86 LAST NM 23/96 37/96
Change Characteristic of light to Fl(3) 10s 10° 25.2′ N 121° 55.2′ E
(See 23/96-92020)
(BA LL)

92020 2Ed. 2/8/86 LAST NM 37/96 42/96
Change Characteristic of light to Fl 10s 10° 25.2′ N 121° 55.2′ E
(Supersedes 37/96-92020)
(BA LL)

92020 2Ed. 2/8/86 LAST NM 42/96 47/96
Change Characteristic of light to Fl(2) 10s 10° 29.1′ N 122° 28.1′ E
(BA LL)

92020 2Ed. 2/8/86 LAST NM 47/96 14/97
Change Characteristic of light to Fl(3) 10s 8° 43.8′ N 119° 48.9′ E

Add Light Fl(2) 10s 9° 58.4′ N 122° 27.4′ E
(GIMM010/97)

92020 2Ed. 2/8/86 LAST NM 14/97 1/98
Change Characteristic of light to Fl R 5s 6° 03.3′ N 120° 59.9′ E
(GIMM066/97)

92020 2Ed. 2/8/86 LAST NM 1/98 5/98
Add Wreck "Rep (1991)" 6° 55.0′ N 121° 57.3′ E
(GIMM009/98)

92020 2Ed. 2/8/86 LAST NM 5/98 28/98
Change Period of light to 5s 10° 25.2′ N 121° 55.2′ E
(GIMM066/97)

92020 2Ed. 2/8/86 LAST NM 28/98 37/99
Change Characteristic of light to Fl 5s 8° 43.9′ N 119° 49.1′ E
(3(Sec IV)98 Manila)

92020 2Ed. 2/8/86 LAST NM 37/99 48/99
Change Characteristic of light to Fl(2) 10s 8° 43.8′ N 119° 48.9′ E
(12(Sect IV)98 Manila)

92020 2Ed. 2/8/86 LAST NM 48/99 14/00
Add Light Fl 5s 9m 9M 10° 19.0′ N 119° 21.1′ E
(7(38)99 Manila)

92020 2Ed. 2/8/86 LAST NM 14/00 35/00
Add Wreck [K29] 6° 59.2′ N 122° 18.5′ E
(4(Sec IV)99 Manila)

92020 2Ed. 2/8/86 LAST NM 35/00 38/00
Change Light to Fl 10s 30m 17M 10° 25.2′ N 121° 55.2′ E
(5(19)99 Manila)

92020 2Ed. 2/8/86 LAST NM 38/00 9/01
Change Light to Fl 15s 34m 20M 10° 29.0′ N 122° 28.4′ E
(10(Sec IV)00 Manila; BA LL)

92020 2Ed. 2/8/86 LAST NM 9/01 45/01
Change Visibility (range) of light to 20M 6° 53.1′ N 122° 02.5′ E
Visibility (range) of light to 18M 6° 10.5′ N 120° 27.5′ E
Visibility (range) of light to 18M 6° 03.3′ N 120° 59.9′ E
(BA LL)

92020 2Ed. 2/8/86 LAST NM 45/01 47/01
Change Height of light to 35m 10° 25.2′ N 121° 55.2′ E
(BA LL)

92020 2Ed. 2/8/86 LAST NM 47/01 19/02
Change Characteristic of light to Fl 5s 6° 53.1′ N 122° 02.5′ E
(See 45/01-92020)
(2(20)02 Manila)

92020 2Ed. 2/8/86 LAST NM 19/02 36/04
Add Depth 5 meters "Rep (2003)" (PA), blue tint
and enclosing depth contour (5-meter) centered
10° 24.5′ N 119° 56.6′ E
(BA CH 3809)

92020 2Ed. 2/8/86 LAST NM 36/04 4/06
Add Dangerous wreck [K28] 6° 55.9′ N 121° 59.2′ E
(8(125)03 Manila)

92020 2Ed. 2/8/86 LAST NM 4/06 11/06
Change Period of light to 15s 7° 35.2′ N 122° 08.3′ E
(11(238)02 Manila)

92020 2Ed. 2/8/86 LAST NM 11/06 12/06
Add Height 19m to light 6° 34.0′ N 121° 41.8′ E
(BA LL)

92020 2Ed. 2/8/86 LAST NM 12/06 41/06
Add Wreck [K29] 10° 15.5′ N 122° 29.2′ E
(8(153)06 Manila)

92020 2Ed. 2/8/86 LAST NM 41/06 48/06
Add Light Fl 5s 10M 10° 24.2′ N 122° 30.3′ E
(10(204)02 Manila; BA LL)

92020 2Ed. 2/8/86 LAST NM 48/06 14/07
Change Characteristic of light to Fl 5s 8° 44.0′ N 119° 48.9′ E
(6(72)03 Manila)

92020 2Ed. 2/8/86 LAST NM 14/07 27/07
Change Characteristic of light to Fl(3) 15s 6° 53.1′ N 122° 02.5′ E
(9(131)03 Manila; BA LL)

92020 2Ed. 2/8/86 LAST NM 27/07 10/10
Change Light to Fl 3s 111m 16M 10° 29.7′ N 119° 59.6′ E
(9(188)09 Manila; UKHO LL)

92020 2Ed. 2/8/86 LAST NM 10/10 2/11
Add Light Fl 5s 72m 7M 6° 40.3′ N 122° 09.6′ E
(UKHO ARCS 4470-0)

92020 2Ed. 2/8/86 LAST NM 2/11 11/11
Add Depth 965 meters "Rep (2011)" [I4] 8° 22.5′ N 119° 26.0′ E
(NTM0008/2011)

92020 2Ed. 2/8/86 LAST NM 11/11 12/11
Add Light Fl 7s 11m 15M 8° 07.0′ N 122° 26.7′ E
(UKHO ARCS 3811-0)

92020 2Ed. 2/8/86 LAST NM 12/11 13/11
Delete Depth 5 meters "Rep (2003)" (PA), blue tint and enclosing depth contour centered 10° 24.5′ N 119° 56.6′ E

Add Depth 3.2 meters Rk [K14.2] 10° 24.9′ N 119° 56.4′ E
(6(125)06 Manila)

92020 2Ed. 2/8/86 LAST NM 13/11 14/11
Change Period of light to 6s 7° 35.2′ N 122° 08.3′ E
(4(69)06 Manila)

92020 2Ed. 2/8/86 LAST NM 14/11 16/11
Change Characteristic of light to Fl(2) 10s 10° 29.0′ N 122° 28.4′ E
(5(154)08 Manila)

92020 2Ed. 2/8/86 LAST NM 16/11 24/11
Add Dangerous submerged rock [K13] "Rep (2005)" 8° 54.2′ N 119° 55.2′ E
(12(278)05 Manila; UKHO ARCS 3811-0)

92020 2Ed. 2/8/86 LAST NM 24/11 51/11
Delete Height from light 10° 19.0′ N 119° 21.1′ E
(UKHO LL)

92020 2Ed. 2/8/86 LAST NM 51/11 44/12
Change Period of light to 5s 10° 29.7′ N 119° 59.6′ E
(6(128)12 Manila)

92020 2Ed. 2/8/86 LAST NM 44/12 5/13
Delete Depth 547 meters 9° 08.2′ N 119° 50.3′ E
Stranded wreck 8° 53.8′ N 120° 01.0′ E
Stranded wreck "Rep (1975)" 8° 47.7′ N 119° 48.6′ E

Substitute Depth 134 meters for 287 meters 8° 41.0′ N 119° 46.6′ E

Change Title to "CAUTIONS" and first line to "1. Detailed information, including minor navigational aids;" 8° 33.0′ N 122° 22.0′ E

Add Stranded wreck [K24] 8° 52.4′ N 119° 54.7′ E
Depth 251 meters 9° 07.7′ N 119° 49.6′ E
Depth 472 meters 9° 04.6′ N 119° 52.5′ E

Marine reserve area [N22] bound by purple composite line joining 9° 06.2′ N 119° 48.3′ E
9° 04.9′ N 119° 46.1′ E
8° 43.2′ N 119° 45.7′ E
8° 41.6′ N 119° 50.6′ E
8° 53.5′ N 120° 03.4′ E
8° 58.2′ N 120° 03.1′ E

Depth 125 meters 8° 42.4′ N 119° 47.9′ E

Legend "CAUTION NO 2" between 8° 51.5′ N 119° 38.0′ E
8° 51.5′ N 119° 43.5′ E

Caution No. 2 to CAUTIONS note "2. Reefs reported to extend 1.5 miles seaward (2005)." 8° 28.0′ N 122° 22.0′ E
(UKHO ARCS 967-0)

92020 2Ed. 2/8/86 LAST NM 5/13 14/13
Relocate Light from 8° 44.0′ N 119° 48.9′ E to 8° 44.9′ N 119° 49.2′ E
(NTM0009/2013)

★92025 3Ed. 2/11/84 NEW EDITION 16/84
Delete Omega note "All users...propagation paths." 8° 29′ N 125° 00′ E

Change Characteristic of lights to Fl(2) R 10s
9° 47.0′ N 125° 29.9′ E
11° 36.9′ N 125° 26.2′ E
11° 26.5′ N 124° 51.1′ E
(DMAHTC)

92025 3Ed. 2/11/84 LAST NM 16/84 35/86
Add Depths
27 fathoms "Rep (1986)" 10° 32.5′ N 125° 47.8′ E
27 fathoms "Rep (1986)" 10° 32.7′ N 125° 49.5′ E
35 fathoms "Rep (1986)" 10° 32.7′ N 125° 54.2′ E
22 fathoms "Rep (1986)" 10° 33.7′ N 125° 50.6′ E
24 fathoms "Rep (1986)" 10° 33.4′ N 125° 46.8′ E
(25(1815), 28(2032)86 Taunton)

92025 3Ed. 2/11/84 LAST NM 35/86 24/88
Delete Legend "tide rips" 10° 30.1′ N 125° 36.2′ E

Add Legend "Breakers Rep (1988)" 10° 29.1′ N 125° 37.3′ E
(MCNM8106/88)

92025 3Ed. 2/11/84 LAST NM 24/88 31/88
Change Characteristic of light to Fl R 5s 8° 30.3′ N 124° 39.6′ E
(BA LL)

92025 3Ed. 2/11/84 LAST NM 31/88 10/90
Add Light Fl 3s 9° 09.0′ N 124° 48.0′ E
(22(51)89 Manila)

92025 3Ed. 2/11/84 LAST NM 10/90 20/90
Change Characteristic of lights to
Fl(2) R 10s 11° 05.2′ N 124° 01.6′ E
Fl 5s 10° 15.0′ N 124° 45.0′ E
(BA LL)

92025 3Ed. 2/11/84 LAST NM 20/90 22/90
Change Characteristic of light to Fl(3) 15s 11° 35.9′ N 125° 30.1′ E
Light to Fl R 5s 42ft 7M 9° 15.3′ N 124° 42.9′ E
(8(662, 666)90 Taunton)

92025 3Ed. 2/11/84 LAST NM 22/90 26/90
Change Characteristic of lights to
Fl(4) 15s 10° 20.2′ N 123° 59.2′ E
Fl G 5s 9° 37.4′ N 123° 54.7′ E
Fl R 5s 11° 46.8′ N 124° 52.7′ E
Note: Obscured sector unchanged
(10(829, 835, 838) Taunton)

92025 3Ed. 2/11/84 LAST NM 26/90 47/90
Add Depths
27 fathoms 10° 32.8′ N 125° 30.3′ E
20 fathoms 10° 33.7′ N 125° 48.0′ E
(13(36)90 Manila)

92025 3Ed. 2/11/84 LAST NM 47/90 4/91
Change Characteristic of lights to
Fl(2) 10s 11° 20.7′ N 124° 06.4′ E
Fl R 3s 10° 09.6′ N 125° 00.1′ E
Fl G 4s 10° 20.2′ N 123° 59.2′ E
(See 26/90-92025)
(39(2811, 2813, 2815)90 Taunton)

92025 3Ed. 2/11/84 LAST NM 4/91 6/91
Change Characteristic of light to Fl R 5s 8° 59.1′ N 125° 19.8′ E
(44(3171)90 Taunton)

92025 3Ed. 2/11/84 LAST NM 6/91 42/91
Add Depths
19 fathoms "Rep (1991)" 10° 32.8′ N 125° 48.0′ E
21 fathoms "Rep (1991)" 10° 32.4′ N 125° 45.6′ E

Sandwaves symbol 10° 32.9′ N 125° 47.0′ E
10° 33.0′ N 125° 51.0′ E
(17(1250)91 Taunton)

92025 3Ed. 2/11/84 LAST NM 42/91 48/91
Add Depths
26 fathoms 10° 31.4′ N 125° 45.7′ E
25 fathoms 10° 31.4′ N 125° 46.7′ E
26 fathoms 10° 31.3′ N 125° 47.6′ E
27 fathoms 10° 31.3′ N 125° 48.2′ E
26 fathoms 10° 31.3′ N 125° 49.5′ E
(MCNM1079/91)

92025 3Ed. 2/11/84 LAST NM 48/91 33/92
Change Characteristic of light to Fl 5s 11° 46.8′ N 124° 52.7′ E
(2(3)92 Manila)

92025 3Ed. 2/11/84 LAST NM 33/92 47/92
Change Lights to
Fl 5s 13ft 9M 11° 05.2′ N 124° 01.6′ E
Fl 5s 94ft 7M 8° 59.1′ N 125° 19.8′ E
Fl(3) 10s 282ft 15M 11° 53.4′ N 124° 16.7′ E
Fl R 5s 136ft 11M 11° 35.9′ N 125° 30.2′ E

Add Light Fl 5s 10M 12° 01.0′ N 125° 33.1′ E
(5(8), 6(10), 7(12), 9(15), 14(21)92 Manila)

92025 3Ed. 2/11/84 LAST NM 47/92 9/93
Change Characteristic of light to Fl R 5s 11° 59.0′ N 124° 41.4′ E
(43(3167)92 Taunton)

92025 3Ed. 2/11/84 LAST NM 9/93 27/93
Change Light to
Fl(2) 10s 30ft 11M 10° 20.2′ N 123° 59.1′ E
Fl 10s 36ft 7M 8° 52.7′ N 126° 20.5′ E
and delete legend
"(Temp...1982)"
(3(3), 4(4)93 Manila)

92025 3Ed. 2/11/84 LAST NM 27/93 46/93
Add Depth 13 fathoms "Rep (1993)" 11° 16.6′ N 124° 15.1′ E
(36(3075)93 Taunton)

92025 3Ed. 2/11/84 LAST NM 46/93 4/94
Add Depth 8 ¾ fathoms "Rep (1993)" (PA)
11° 33.5′ N 124° 03.6′ E
(47(4057)93 Taunton)

92025 3Ed. 2/11/84 LAST NM 4/94 17/94
Add Light Fl(2) G 5s 10° 52.5′ N 124° 30.0′ E
(4(6)94 Manila)

92025 3Ed. 2/11/84 LAST NM 17/94 26/94
Change Characteristic of light to Fl(2) 8s 9° 57.7′ N 125° 03.7′ E

Add Light Fl(2) 5s 10° 15.4′ N 125° 14.9′ E
(20(1646, 1647)94 Taunton)

92025 3Ed. 2/11/84 LAST NM 26/94 3/95
Add Depth 11 fathoms 11° 05.5′ N 125° 09.6′ E
(46(3859)94 Taunton)

92025 3Ed. 2/11/84 LAST NM 3/95 9/95
Change Characteristic of light to Fl(3) 15s 10° 45.4′ N 125° 57.8′ E
(MCC013/95)

92025 3Ed. 2/11/84 LAST NM 9/95 22/95
Change Characteristic of light
to Fl G 10s 8° 30.3′ N 124° 39.6′ E
(2(7)95 Manila)

92025 3Ed. 2/11/84 LAST NM 22/95 32/95
Change Characteristic of light
to Fl R 5s 11° 46.8′ N 124° 52.7′ E

Light to Fl R 3s 32ft 5M 10° 44.8′ N 125° 00.7′ E

Add Light Fl 5s 11° 21.0′ N 125° 37.8′ E
(3(10)95 Manila; MCC044/95; BA LL)

92025 3Ed. 2/11/84 LAST NM 32/95 33/95
Change Light to
Fl R 5s 51ft 15M 11° 15.2′ N 125° 00.2′ E
Fl R 5s 416ft 15M 11° 04.1′ N 125° 02.3′ E

Add Light Fl(3) 15s 9° 55.0′ N 125° 26.5′ E
(MCC044/95; BA LL)

92025 3Ed. 2/11/84 LAST NM 33/95 42/95
Change Period of light to 2s 9° 33.7′ N 125° 56.0′ E
(BA LL)

92025 3Ed. 2/11/84 LAST NM 42/95 44/95
Add Light Fl(4) 10s 9° 54.9′ N 125° 16.9′ E
(7(35)95 Manila)

92025 3Ed. 2/11/84 LAST NM 44/95 45/95
Substitute Depth 5 ½ fathoms "Rep (1995)"
for 13 fathoms "Rep (1993)" 11° 16.6′ N 124° 15.1′ E
(38(3140)95 Taunton)

92025 3Ed. 2/11/84 LAST NM 45/95 46/95
Add Light Fl(3) 6s 10° 09.0′ N 124° 37.0′ E
(8(40)95 Manila)

92025 3Ed. 2/11/84 LAST NM 46/95 2/96
Add Light Fl(3) 15s 11° 43.3′ N 124° 03.9′ E
(MCC044/95)

92025 3Ed. 2/11/84 LAST NM 2/96 3/96
Add Light Mo(U) 10s 9° 29.5′ N 123° 55.2′ E
(9(45)95 Manila)

92025 3Ed. 2/11/84 LAST NM 3/96 4/96
Add Light Fl(3) R 8s 9° 46.0′ N 124° 35.5′ E
(10(47)95 Manila)

92025 3Ed. 2/11/84 LAST NM 4/96 9/96
Change Characteristic of light to FG 11° 18.2′ N 124° 41.0′ E
Visibility (range) of light to 10M 10° 08.0′ N 124° 50.4′ E
(MCC044/95)

92025 3Ed. 2/11/84 LAST NM 9/96 20/96
Add Light Fl(3) 15s 10° 23.0′ N 124° 58.7′ E
(MCC044/95)

92025 3Ed. 2/11/84 LAST NM 20/96 21/96
Add Light Fl(2) G 4s 9° 36.3′ N 124° 15.8′ E
(SMEA001/96; BA LL)

92025 3Ed. 2/11/84 LAST NM 21/96 23/96
Add Light
Fl(2) G 5s 11° 31.0′ N 124° 06.0′ E
Fl G 3s 10M 10° 03.0′ N 124° 28.0′ E
(SMEA026/96)

92025 3Ed. 2/11/84 LAST NM 23/96 24/96
Add Depth 16 fathoms 9° 48.3′ N 125° 40.6′ E
(16(1362)96 Taunton)

92025 3Ed. 2/11/84 LAST NM 24/96 28/96
Change Light to Fl(2) 5s 11° 31.0′ N 124° 06.0′ E
(See 23/96-92025)

Add Light Fl 5s 11° 53.5′ N 124° 27.9′ E
(SMEA026/96)

92025 3Ed. 2/11/84 LAST NM 28/96 37/96
Change Visibility (range) of light to 18M 11° 20.7′ N 124° 06.4′ E
(BA LL)

92025 3Ed. 2/11/84 LAST NM 37/96 9/97
Change Characteristic of light to Fl R 5s 11° 26.5′ N 124° 51.1′ E

Add Light Fl 5s 15M 11° 25.8′ N 124° 57.6′ E
(GIMM010/97; BA LL)

92025 3Ed. 2/11/84 LAST NM 9/97 13/97
Change Light to
Fl R 5s 35ft 7M 10° 40.5′ N 124° 47.9′ E
Fl(2) 10s 11° 43.3′ N 124° 03.9′ E
(GIMM010/97)

92025 3Ed. 2/11/84 LAST NM 13/97 14/97
Change Characteristic of light to Fl R 5s 11° 00.4′ N 124° 36.4′ E

Add Light
Fl(4) 12s 10° 26.5′ N 125° 36.7′ E
Fl(3) 10s 10° 03.6′ N 126° 03.4′ E
(GIMM010/97)

92025 3Ed. 2/11/84 LAST NM 14/97 52/97
Add Light
Fl R 5s 11° 41.0′ N 124° 21.3′ E
Fl 5s 10° 16.0′ N 125° 10.5′ E
(GIMM066/97)

92025 3Ed. 2/11/84 LAST NM 52/97 1/98
Change Characteristic of light to Fl(3) 15s 10° 23.0′ N 124° 01.0′ E

Add Submarine cable (power) with legend
"See Note" joining 11° 16.9′ N 124° 03.4′ E
11° 17.9′ N 124° 11.2′ E
11° 21.2′ N 124° 19.9′ E

(continued on next page)

92025 (Continued) 1/98

joining 11° 17.6′ N 124° 21.2′ E
11° 14.3′ N 124° 12.4′ E
11° 13.1′ N 124° 03.9′ E

Note
"SUBMARINE CABLES
Anchoring and fishing are prohibited in the vicinity of the submarine cables." 8° 33.0′ N 125° 02.0′ E

(7(52)97 Manila; GIMM066/97)

92025 3Ed. 2/11/84 LAST NM 1/98 2/98

Change Period of light to
20s 9° 54.9′ N 125° 16.9′ E
5s 9° 47.0′ N 125° 29.9′ E

Light to Fl 10s 11° 31.0′ N 124° 06.0′ E

(GIMM066/97)

92025 3Ed. 2/11/84 LAST NM 2/98 7/98

Change Characteristic of light to Fl 5s 9° 00.8′ N 125° 31.3′ E

(GIMM066/97)

92025 3Ed. 2/11/84 LAST NM 7/98 17/98

Add Submarine cable
joining 11° 14.6′ N 123° 59.7′ E
11° 13.8′ N 123° 54.4′ E
11° 12.0′ N 123° 53.7′ E

joining 11° 15.1′ N 123° 59.6′ E
11° 15.7′ N 123° 58.3′ E
11° 17.4′ N 123° 57.6′ E
11° 18.5′ N 123° 58.1′ E
11° 18.9′ N 123° 59.3′ E
11° 21.9′ N 124° 05.6′ E
11° 22.6′ N 124° 07.3′ E
11° 22.3′ N 124° 08.0′ E
11° 20.4′ N 124° 08.5′ E
11° 17.6′ N 124° 09.5′ E
11° 09.5′ N 124° 10.7′ E
10° 57.4′ N 124° 10.6′ E
10° 29.4′ N 124° 04.3′ E
10° 25.4′ N 124° 01.8′ E
10° 24.7′ N 124° 00.0′ E

(GIMM027/98)

92025 3Ed. 2/11/84 LAST NM 17/98 18/98

Add Submarine cable
joining 10° 24.5′ N 123° 59.8′ E
10° 25.5′ N 124° 01.2′ E
10° 24.1′ N 124° 02.4′ E
10° 24.4′ N 124° 04.0′ E
10° 31.0′ N 124° 08.5′ E
10° 35.1′ N 124° 09.8′ E
10° 37.5′ N 124° 11.4′ E
10° 40.3′ N 124° 12.1′ E
10° 43.5′ N 124° 13.6′ E
10° 46.4′ N 124° 18.3′ E
10° 47.2′ N 124° 22.3′ E
10° 48.2′ N 124° 27.7′ E
10° 48.2′ N 124° 28.5′ E
10° 48.9′ N 124° 29.2′ E
10° 51.8′ N 124° 34.4′ E
10° 53.2′ N 124° 35.6′ E
10° 56.2′ N 124° 35.4′ E
10° 57.9′ N 124° 35.9′ E
10° 59.0′ N 124° 36.0′ E
10° 59.7′ N 124° 37.1′ E

joining 12° 03.8′ N 124° 36.3′ E
12° 02.8′ N 124° 36.0′ E
12° 02.1′ N 124° 36.0′ E
12° 00.9′ N 124° 34.5′ E
12° 01.3′ N 124° 28.8′ E
12° 05.0′ N 124° 25.0′ E

(GIMM027/98)

92025 3Ed. 2/11/84 LAST NM 18/98 22/98

Add Submarine cable joining 8° 45.1′ N 123° 53.7′ E
8° 44.0′ N 123° 54.6′ E
8° 42.5′ N 123° 55.1′ E
8° 41.0′ N 123° 54.8′ E
8° 39.6′ N 123° 55.4′ E
8° 28.0′ N 123° 57.3′ E

(GIMM027/98)

92025 3Ed. 2/11/84 LAST NM 22/98 28/98

Delete Submarine cable and legend "See Note"
in vicinity 11° 17.9′ N 124° 11.2′ E
11° 14.3′ N 124° 12.4′ E

(See 1/98-92025)

Add "SUBMARINE POWER CABLES-
ANCHORING AND FISHING
PROHIBITED" area bound by shore
and purple composite line
joining 11° 16.9′ N 124° 03.5′ E
11° 17.9′ N 124° 11.2′ E
11° 21.4′ N 124° 20.3′ E

joining 11° 17.7′ N 124° 21.8′ E
11° 14.3′ N 124° 12.4′ E
11° 13.1′ N 124° 02.5′ E

Legend "(see Note)" 11° 02.5′ N 124° 11.0′ E
10° 48.0′ N 124° 24.0′ E

(11(78)97 Manila; GIMM027/98)

92025 3Ed. 2/11/84 LAST NM 28/98 29/98

Change Characteristic of light to Fl R 5s 11° 07.1′ N 123° 56.4′ E
Legend "SANDWAVES SEE CAUTION"
10° 32.0′ N 126° 03.0′ E

Caution note "CAUTION
Vessels are advised to exercise caution in the area SE of Homonhon Island (10° 43′ N 125° 46′ E) as sandwaves are present. Depths are subject to change and may be less than charted." 8° 40.0′ N 125° 52.0′ E

(GIMM066/97)

92025 3Ed. 2/11/84 LAST NM 29/98 34/98

Add Depth 197 fathoms 8° 35.5′ N 124° 40.5′ E

Submarine cable (power) joining 10° 08.8′ N 124° 36.9′ E
10° 09.0′ N 124° 37.5′ E
10° 10.7′ N 124° 40.5′ E
10° 09.8′ N 124° 45.4′ E

Legend "(see Note)" 10° 11.0′ N 124° 41.8′ E

(12(93)97 Manila; 5(388)98 Taunton)

92025 3Ed. 2/11/84 LAST NM 34/98 35/98

Add Submarine cable
joining 8° 28.7′ N 124° 41.1′ E
8° 29.7′ N 124° 40.9′ E
8° 31.9′ N 124° 41.0′ E
8° 32.8′ N 124° 40.3′ E
8° 36.0′ N 124° 36.1′ E
8° 37.1′ N 124° 35.7′ E
8° 42.5′ N 124° 30.6′ E
8° 43.4′ N 124° 29.0′ E
8° 41.6′ N 124° 19.8′ E
8° 39.7′ N 124° 16.8′ E
8° 28.0′ N 124° 07.5′ E

joining 8° 28.7′ N 124° 41.1′ E
8° 31.0′ N 124° 42.2′ E
8° 32.7′ N 124° 41.7′ E
8° 35.6′ N 124° 40.5′ E
8° 37.1′ N 124° 40.2′ E
8° 39.6′ N 124° 38.8′ E
8° 44.6′ N 124° 37.8′ E
9° 00.6′ N 124° 43.2′ E
9° 02.6′ N 124° 46.1′ E
9° 04.2′ N 124° 50.6′ E
9° 04.6′ N 124° 52.6′ E
9° 05.6′ N 124° 53.3′ E
9° 06.2′ N 124° 54.9′ E
9° 06.1′ N 124° 55.6′ E
9° 10.8′ N 125° 08.7′ E
9° 11.1′ N 125° 10.4′ E
9° 10.7′ N 125° 14.9′ E
9° 05.0′ N 125° 21.5′ E
9° 02.0′ N 125° 22.5′ E
9° 00.0′ N 125° 23.1′ E
8° 59.0′ N 125° 22.0′ E
9° 02.0′ N 125° 23.4′ E
9° 07.7′ N 125° 22.9′ E
9° 09.8′ N 125° 22.1′ E
9° 17.7′ N 125° 17.6′ E
9° 33.8′ N 125° 10.6′ E
9° 35.7′ N 125° 08.8′ E
9° 36.9′ N 125° 08.7′ E
9° 39.7′ N 125° 08.0′ E
9° 48.5′ N 125° 04.6′ E

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92025 (Continued) 35/98
9° 49.8′ N 125° 00.1′ E
9° 54.3′ N 124° 57.6′ E
9° 57.1′ N 124° 57.1′ E
9° 58.6′ N 124° 55.3′ E
10° 01.0′ N 124° 54.4′ E
10° 04.9′ N 124° 52.0′ E
10° 06.5′ N 124° 51.7′ E
10° 07.6′ N 124° 51.8′ E

Legend "(see Note)" 8° 36.0′ N 124° 13.5′ E
9° 09.2′ N 125° 02.0′ E
9° 26.0′ N 125° 14.5′ E
(GIMM027/98)

92025 3Ed. 2/11/84 LAST NM 35/98 36/98
Change Characteristic of light to
Fl G 5s 9° 07.2′ N 125° 31.2′ E
Fl(3) 8s 9° 18.2′ N 126° 12.2′ E

Period of light to
5s 11° 40.0′ N 124° 58.3′ E
4s 11° 27.1′ N 124° 28.5′ E

Add Submarine cable joining 10° 07.6′ N 124° 51.8′ E
10° 06.7′ N 124° 51.4′ E
10° 06.0′ N 124° 50.8′ E
10° 05.4′ N 124° 50.3′ E
10° 04.8′ N 124° 49.0′ E
10° 05.0′ N 124° 47.4′ E
10° 05.5′ N 124° 46.4′ E
10° 05.4′ N 124° 45.0′ E
10° 06.0′ N 124° 44.6′ E
10° 07.4′ N 124° 43.9′ E
10° 10.0′ N 124° 42.4′ E
10° 15.0′ N 124° 42.7′ E
10° 16.6′ N 124° 42.4′ E
10° 17.1′ N 124° 42.1′ E
10° 19.0′ N 124° 41.9′ E
10° 21.8′ N 124° 40.0′ E
10° 22.8′ N 124° 38.7′ E
10° 25.0′ N 124° 36.6′ E
10° 30.0′ N 124° 34.7′ E
10° 31.6′ N 124° 33.9′ E
10° 34.0′ N 124° 34.1′ E
10° 35.7′ N 124° 34.7′ E
10° 42.0′ N 124° 35.2′ E
10° 46.8′ N 124° 36.4′ E
10° 48.5′ N 124° 36.6′ E
10° 49.4′ N 124° 37.1′ E
10° 53.1′ N 124° 37.9′ E
10° 54.7′ N 124° 37.6′ E
10° 59.7′ N 124° 37.1′ E

Legend "(see Note)" 10° 26.5′ N 124° 34.8′ E
(See 18, 35/98-92025)
(GIMM027/98; BA LL)

92025 3Ed. 2/11/84 LAST NM 36/98 38/98
Change Characteristic of light to
Fl 10s 10° 59.5′ N 124° 06.3′ E
Fl(2) R 10s 11° 05.2′ N 124° 01.6′ E

Light to
Fl G 7M 10° 20.2′ N 123° 59.1′ E
Fl 10s 53ft 12M 10° 14.2′ N 123° 53.4′ E
(GIMM047/98)

92025 3Ed. 2/11/84 LAST NM 38/98 40/98
Delete Light 9° 36.3′ N 124° 15.8′ E

Add Light Fl(2) 4s 9° 36.0′ N 124° 15.6′ E
(GIMM047/98)

92025 3Ed. 2/11/84 LAST NM 40/98 7/99
Change Light to
Fl G 5s 7M 9° 09.0′ N 124° 47.8′ E
Fl R 5s 7M 10° 09.7′ N 125° 07.2′ E

Period of light to 5s 9° 33.7′ N 125° 56.0′ E
(BA LL; GIMM047/98)

92025 3Ed. 2/11/84 LAST NM 7/99 44/99
Change Period of light to 20s 11° 53′ 25″N 124° 16′ 38″E
(6(Sect IV)98 Manila)

92025 3Ed. 2/11/84 LAST NM 44/99 46/99
Add Light Fl 5s 9° 44.8′ N 126° 01.8′ E
(7(26)98 Manila)

92025 3Ed. 2/11/84 LAST NM 46/99 48/99
Change Period of light to 5s 10° 59.5′ N 124° 06.3′ E
(12(Sect IV)98 Manila)

92025 3Ed. 2/11/84 LAST NM 48/99 2/00
Add Submarine cable [L30.1] joining 8° 56.7′ N 123° 53.8′ E
8° 56.1′ N 123° 59.8′ E
8° 53.2′ N 124° 12.2′ E
8° 52.8′ N 124° 13.4′ E
8° 50.9′ N 124° 21.2′ E
8° 50.1′ N 124° 24.3′ E
8° 45.4′ N 124° 31.9′ E
8° 39.6′ N 124° 37.0′ E
8° 37.5′ N 124° 38.2′ E
8° 35.2′ N 124° 37.7′ E
8° 32.7′ N 124° 36.2′ E
8° 32.0′ N 124° 35.3′ E
8° 31.2′ N 124° 34.7′ E
(GIMM066/98)

92025 3Ed. 2/11/84 LAST NM 2/00 3/00
Change Light to Fl(3) G 11M 10° 20.2′ N 123° 59.1′ E

Add Light Al Fl WG 15M R Bn (AERO)
10° 19.3′ N 123° 58.7′ E
(47(4382)99 Taunton)

92025 3Ed. 2/11/84 LAST NM 3/00 14/00
Delete Depth 5½ fathoms "Rep (1995)" 11° 16.6′ N 124° 15.1′ E

Add Depth 5½ fathoms 11° 16.7′ N 124° 15.1′ E
Light Fl(3) 15s 16ft 9M 10° 15.7′ N 124° 39.2′ E
Light Fl 5s 16ft 17M 10° 14.7′ N 124° 42.1′ E
(7(36, 37), 10(55)99 Manila)

92025 3Ed. 2/11/84 LAST NM 14/00 16/00
Add Light Fl G 3s 7ft 3M 10° 03.6′ N 123° 59.0′ E
Light Fl R 3s 7ft 3M 10° 00.6′ N 123° 56.8′ E
(5(14)99 Manila)

92025 3Ed. 2/11/84 LAST NM 16/00 17/00
Change Characteristic of light to Fl 5s 10° 23.0′ N 124° 58.7′ E
Light to Fl 5s 36ft 9M 8° 52.7′ N 126° 20.4′ E
Characteristic of light to Fl 3s 9° 54.9′ N 125° 16.9′ E
Characteristic of light to Fl R 10s 9° 15.4′ N 124° 42.9′ E
(3(Sect IV), 10(Sect IV)99 Manila; BA LL)

92025 3Ed. 2/11/84 LAST NM 17/00 30/00
Add Wreck [K29] (PA) 10° 20.0′ N 124° 06.0′ E
(2(4, Sect. IV)99 Manila)

92025 3Ed. 2/11/84 LAST NM 30/00 34/00
Change Characteristic of light to Fl(2) 10s 9° 36.0′ N 124° 15.6′ E

Add Light Fl 5s 32ft 6M 9° 44.7′ N 126° 02.6′ E
Light Fl R 3s 10M 10° 09.1′ N 124° 19.5′ E
(2(Sec IV)99, 2(Sec IV)00 Manila; BA LL)

92025 3Ed. 2/11/84 LAST NM 34/00 35/00
Change Light to Fl(2) 10s 11° 31.0′ N 124° 06.0′ E
(6(Sec IV)99 Manila)

92025 3Ed. 2/11/84 LAST NM 35/00 36/00
Change Light to Fl 10s 231ft 17M 11° 53.4′ N 124° 16.6′ E
Characteristic of light to Fl(3) R 15s
11° 15.2′ N 125° 00.2′ E
(7(Sec IV)99 Manila)

92025 3Ed. 2/11/84 LAST NM 36/00 38/00
Change Light to Fl 5s 30ft 9M 10° 40.5′ N 124° 47.9′ E
Characteristic of light to Fl G 5s 11° 18.2′ N 124° 41.1′ E
Light to Fl 5s 78ft 9M 10° 15.0′ N 124° 45.0′ E
Light to Fl 5s 39ft 9M 11° 00.4′ N 124° 36.4′ E
Period of light to 6s 9° 46.0′ N 124° 35.5′ E
Light to Fl 5s 77ft 23M 10° 44.8′ N 125° 00.7′ E
(5(15), 7(Sec IV), 11(Sec IV)99 Manila)

92025 3Ed. 2/11/84 LAST NM 38/00 39/00
Change Light to Fl 5s 30ft 9M 9° 34.0′ N 125° 56.0′ E
Light to Fl 5s 66ft 9M 11° 26.2′ N 124° 51.1′ E
(6(33, 34)99 Manila)

92025 3Ed. 2/11/84 LAST NM 39/00 5/01
Change Light to Fl G 5s 30ft 6M 10° 20.2′ N 123° 59.1′ E
Light to Fl(2) G 5s 11° 31.0′ N 124° 06.0′ E
(See 35/00-92025)
(6(Sec IV), 9(Sec IV)00 Manila)

92025 3Ed. 2/11/84 LAST NM 5/01 7/01
Change Visibility (range) of light to 11M 9° 47.6′ N 125° 35.0′ E
Characteristic of light to Fl 5s 10° 03.6′ N 126° 03.4′ E

Add Light Fl 10s 10° 16.4′ N 124° 21.8′ E
(7(31, Sec IV)00 Manila)

92025 3Ed. 2/11/84 LAST NM 7/01 32/01
Change Light to Fl 5s 36ft 10M 11° 36.9′ N 125° 26.2′ E

Add Light Fl 10s 39ft 10M 10° 55.0′ N 124° 41.6′ E
(4(21, 22)01 Manila)

92025 3Ed. 2/11/84 LAST NM 32/01 34/01
Change Light to Fl 15s 9° 55.0′ N 125° 26.5′ E
(5(44)01 Manila)

92025 3Ed. 2/11/84 LAST NM 34/01 37/01
Change Light to Fl 5s 146ft 20M 10° 23.0′ N 124° 01.0′ E
(BA LL)

92025 3Ed. 2/11/84 LAST NM 37/01 39/01
Change Light to Fl 7s 18M 11° 34.3′ N 124° 15.7′ E
Visibility (range) of light to 16M 9° 07.5′ N 125° 31.3′ E
(BA LL)

92025 3Ed. 2/11/84 LAST NM 39/01 40/01
Change Period of light to 4s 11° 04.4′ N 125° 09.3′ E
(7(74)01 Manila)

92025 3Ed. 2/11/84 LAST NM 40/01 41/01
Change Visibility (range) of light to 12M 11° 59.0′ N 124° 41.5′ E
Characteristic of light to Fl R 5s 12° 04.0′ N 124° 35.5′ E
Light to Fl 5s 170ft 10M 11° 18.3′ N 124° 03.7′ E
Visibility (range) of light to 7M 11° 07.1′ N 123° 56.4′ E
Visibility (range) of light to 11M 11° 03.2′ N 124° 22.9′ E
Characteristic of light to Fl(3) 10s 10° 59.5′ N 124° 06.3′ E
Light to Fl R 5s 3M 9° 37.5′ N 123° 54.7′ E
(BA LL)

92025 3Ed. 2/11/84 LAST NM 41/01 43/01
Change Visibility (range) of light to 10M 11° 40.0′ N 124° 58.3′ E
Visibility (range) of light to 10M 11° 46.8′ N 124° 52.7′ E
Period of light to 5s 8° 30.3′ N 124° 39.6′ E
Height of light to 141ft 9° 34.0′ N 125° 56.0′ E
Characteristic of light to Fl 5s 11° 35.9′ N 125° 30.2′ E
(43(4185)00 Taunton; BA LL)

92025 3Ed. 2/11/84 LAST NM 43/01 47/01
Change Height of light to 105ft 11° 26.2′ N 124° 51.1′ E
Visibility (range) of light to 2M 11° 18.2′ N 124° 41.1′ E
Characteristic of light to Fl G 3s 10° 09.1′ N 124° 19.5′ E
Height of light to 43ft 10° 40.5′ N 124° 47.9′ E
Height of light to 36ft 10° 14.7′ N 124° 42.1′ E
Characteristic of light to Fl R 3s 10° 03.6′ N 123° 59.0′ E
Visibility (range) of light to 9M 10° 44.8′ N 125° 00.7′ E
Characteristic of light to Fl(4) 20s 9° 54.9′ N 125° 16.9′ E
Characteristic of light to Fl R 5s 9° 00.8′ N 125° 31.3′ E
Visibility (range) of light to 15M 8° 52.7′ N 126° 20.4′ E
Period of light to 4s 9° 36.0′ N 124° 15.6′ E
Characteristic of light to Fl(3) 8s 9° 46.0′ N 124° 35.5′ E
(8(98)01 Manila; BA LL)

92025 3Ed. 2/11/84 LAST NM 47/01 10/02
Change Characteristic of light to Fl G 3s 10° 03.6′ N 123° 59.0′ E
Visibility (range) of light to 13M 10° 14.2′ N 123° 53.4′ E
(See 47/01-92025)
(10(113, 126)01 Manila)

92025 3Ed. 2/11/84 LAST NM 10/02 11/02
Change Characteristic of light to Fl 5s 9° 18.2′ N 126° 12.2′ E
(12(168)01 Manila)

92025 3Ed. 2/11/84 LAST NM 11/02 13/02
Change Light to Fl(3) 15s 9° 55.0′ N 125° 26.5′ E
(Supersedes 34/01-92025)
(1(7)02 Manila)

92025 3Ed. 2/11/84 LAST NM 13/02 21/02
Change Visibility (range) of light to 12M 11° 15.6′ N 125° 04.5′ E
(BA LL)

92025 3Ed. 2/11/84 LAST NM 21/02 42/03
Change Characteristic of light to Fl(2) 10s 11° 31.0′ N 124° 06.0′ E
(3(35)02 Manila)

92025 3Ed. 2/11/84 LAST NM 42/03 49/05
Add Light Fl 5s 61m 10M 10° 28.4′ N 125° 13.6′ E
Light Fl 7s 36m 10M 10° 03.9′ N 125° 08.6′ E
Light Fl 5s 211m 10M 10° 07.5′ N 125° 12.9′ E
Light Fl 7s 14m 10M 9° 46.9′ N 125° 44.2′ E
(9(185-187, 190)02 Manila)

92025 3Ed. 2/11/84 LAST NM 49/05 51/05
Add Light Fl(2) 9s 11m 10M 9° 48.7′ N 125° 42.9′ E
Light Fl 7s 18m 10M 10° 10.3′ N 125° 27.7′ E
Light Fl 10s 14m 10M 10° 27.6′ N 125° 27.9′ E
Light Fl 10s 20m 10M 9° 05.6′ N 125° 12.4′ E
(9(192-194)02 Manila; BA LL)

92025 3Ed. 2/11/84 LAST NM 4/06 6/06
Add Light Fl 10s 9° 33.9′ N 125° 25.1′ E
(11(220)02 Manila)

92025 3Ed. 2/11/84 LAST NM 6/06 9/06
Add Light Fl(2) 10s 10° 48.3′ N 124° 34.0′ E
Light Fl 10s 8° 37.0′ N 124° 28.6′ E
Light Fl 7s 10° 37.8′ N 124° 24.7′ E
Light Fl 10s 8° 42.4′ N 124° 44.8′ E
Light Fl(2) 7s 9° 05.0′ N 124° 46.1′ E
(11(221, 223, 224, 228, 229)02 Manila; BA LL)

92025 3Ed. 2/11/84 LAST NM 9/06 11/06
Delete Light 10° 03.7′ N 126° 03.3′ E

Change Light to Fl 7s 33ft 16M 9° 07.4′ N 125° 31.8′ E

Add Light Fl G 5s 36ft 10M 10° 26.2′ N 124° 43.5′ E
Light Fl(2) 10s 10° 03.7′ N 126° 03.9′ E
(11(242, 243, 246)02 Manila; BA LL)

92025 3Ed. 2/11/84 LAST NM 11/06 12/06
Change Period of light to 5s 9° 15.4′ N 124° 42.9′ E
(7(158)02 Manila)

92025 3Ed. 2/11/84 LAST NM 12/06 14/06
Change Light to Fl(3) 8s 36ft 9M 9° 18.4′ N 126° 12.4′ E

Add Light Fl R 5s 10M 10° 54.9′ N 124° 24.9′ E
(5(114, 119)02 Manila; BA LL)

92025 3Ed. 2/11/84 LAST NM 14/06 15/06
Add Visibility (range) 7M to light 8° 54.6′ N 125° 01.3′ E
(4(82)02 Manila)

92025 3Ed. 2/11/84 LAST NM 15/06 8/07
Change Light to Fl 10s 98ft 15M 10° 59.5′ N 124° 06.1′ E
(2(21)03 Manila)

92025 3Ed. 2/11/84 LAST NM 8/07 11/07
Add Light Fl 5s 11° 44.2′ N 124° 42.8′ E
(4(48)03 Manila)

92025 3Ed. 2/11/84 LAST NM 11/07 14/07
Add Light Fl(3) 15s 10° 36.0′ N 124° 18.8′ E
(7(84)03 Manila)

92025 3Ed. 2/11/84 LAST NM 14/07 29/07
Add Light Fl 5s 10m 15M 8° 58.0′ N 124° 46.2′ E
(10(144)04 Manila; BA LL)

92025 3Ed. 2/11/84 LAST NM 29/07 45/10
Change Visibility (range) of light to 11M 10° 20.2′ N 123° 59.1′ E
(2(9)08 Manila; UKHO LL)

92025 3Ed. 2/11/84 LAST NM 45/10 1/11
Change Characteristic of light to Fl R 3s 10° 09.1′ N 124° 19.5′ E
(3(79)08 Manila)

92025 3Ed. 2/11/84 LAST NM 1/11 3/11
Change Light to Fl(3) 10s 10ft 7M 9° 47.6′ N 125° 35.0′ E
Characteristic of light to Fl(2) 10s 10° 52.5′ N 124° 30.0′ E
(UKHO LL)

92025 3Ed. 2/11/84 LAST NM 3/11 4/11
Change Period of light to 5s 11° 05.2′ N 124° 01.6′ E

Add Light Fl 4s 142ft 11M 8° 31.6′ N 124° 45.0′ E
(11(234)10 Manila; UKHO ARCS 4472-0)

92025 3Ed. 2/11/84 LAST NM 4/11 7/11
Change Light to Fl 3s 9° 54.9′ N 125° 16.9′ E
(UKHO ARCS 4475-0)

92025 3Ed. 2/11/84 LAST NM 7/11 8/11
Change Characteristic of light to Fl 5s 9° 48.7′ N 125° 42.9′ E
(UKHO ARCS 4475-0)

92025 3Ed. 2/11/84 LAST NM 8/11 14/11
Change Characteristic of light to Fl 5s 8° 30.3′ N 124° 39.6′ E
(4(68)06 Manila)

92025 3Ed. 2/11/84 LAST NM 14/11 26/11
Change Light to Fl 5s 7M 11° 02.0′ N 125° 43.5′ E
(8(157)05 Manila; UKHO LL)

92025 3Ed. 2/11/84 LAST NM 26/11 27/11
Change Light to Fl R 5s 52ft 15M 11° 15.2′ N 125° 00.2′ E
Period of light to 10s 11° 15.6′ N 125° 04.5′ E
(4(88, 89)06 Manila; UKHO LL)

92025 3Ed. 2/11/84 LAST NM 27/11 34/11
Change Characteristic of light to Fl(2) 6s 9° 15.4′ N 124° 42.9′ E
(4(105)08 Manila)

92025 3Ed. 2/11/84 LAST NM 34/11 35/11
Change Characteristic of light to Fl 5s 10° 15.4′ N 125° 14.9′ E
(10(241)08 Manila)

92025 3Ed. 2/11/84 LAST NM 35/11 39/11
Change Light to Fl 3s 170ft 18M 11° 18.3′ N 124° 03.7′ E
(4(51)09 Manila; UKHO LL)

92025 3Ed. 2/11/84 LAST NM 39/11 41/11
Change Height of light to 10m 10° 10.3′ N 125° 27.7′ E
(UKHO LL)

92025 3Ed. 2/11/84 LAST NM 41/11 42/11
Change Visibility (range) of light to 24M 10° 44.8′ N 125° 00.7′ E
(7(79)09 Manila; UKHO LL)

92025 3Ed. 2/11/84 LAST NM 42/11 53/11
Change Characteristic of light to Fl(3) 15s 10° 23.0′ N 124° 01.0′ E
(UKHO LL)

92025 3Ed. 2/11/84 LAST NM 53/11 10/12
Change Characteristic of light to Fl(3) 20s 11° 53.4′ N 124° 16.6′ E
(11(238)10 Manila)

92025 3Ed. 2/11/84 LAST NM 10/12 11/12
Change Period of light to 5s 8° 42.4′ N 124° 44.8′ E
(8(164)11 Manila)

92025 3Ed. 2/11/84 LAST NM 11/12 12/12
Add Light Fl(2) 10s 9° 00.8′ N 125° 10.2′ E
(11(249)10 Manila)

92025 3Ed. 2/11/84 LAST NM 12/12 26/12
Change Characteristic of light to Fl 10s 11° 53.4′ N 124° 16.6′ E
(See 10/12-92025)

Add Light Fl R 5s 7M 10° 16.8′ N 125° 08.2′ E
(5(98, 99)12 Manila; UKHO LL)

92025 3Ed. 2/11/84 LAST NM 26/12 4/13
Add Submarine cable (power) [L31.1] between
9° 32.1′ N 125° 51.6′ E
9° 34.3′ N 125° 56.3′ E

Light Fl(2) 10s 11° 48.6′ N 123° 54.6′ E
(3(27), 9(170)12 Manila; UKHO LL)

92025 3Ed. 2/11/84 LAST NM 4/13 29/13
Add Depth 26 fathoms "Rep (2007)" enclosed by
dotted-line circle centered [I3.2] 10° 16.2′ N 125° 50.7′ E
(NTM0015/2013)

92025 3Ed. 2/11/84 LAST NM 29/13 35/13
Change Legend to "Rep (2008)" 10° 16.2′ N 125° 50.7′ E
(See 29/13-92025)
(NTM0015/2013)

★**92030** 4Ed. 1/22/83 NEW EDITION 12/83
(DMAHTC)

92030 4Ed. 1/22/83 LAST NM 12/83 33/84
Add Depth 4½ fathoms "Rep (1984)" (PA)
12° 14.4′ N 122° 49.0′ E
(NVS7301/84)

92030 4Ed. 1/22/83 LAST NM 33/84 15/86
Change Light to Fl 12M 11° 36.6′ N 122° 42.3′ E
(3(Sec IV)86 Manila)

92030 4Ed. 1/22/83 LAST NM 15/86 50/86
Delete Dangerous wreck 10° 37.0′ N 122° 26.6′ E
(15(15)86 Manila)

92030 4Ed. 1/22/83 LAST NM 50/86 13/87
Add Depth 76 fathoms 10° 10.4′ N 121° 32.2′ E
(Jpn CH 1608)

92030 4Ed. 1/22/83 LAST NM 13/87 16/87
Change Light to Fl 16M 12° 18.8′ N 123° 48.3′ E
(BA LL)

92030 4Ed. 1/22/83 LAST NM 16/87 46/88
Change Characteristic of lights
to Fl 5s 10° 22.8′ N 123° 37.9′ E
Fl(3) 10° 28.2′ N 123° 26.8′ E
(BA LL)

92030 4Ed. 1/22/83 LAST NM 46/88 20/90
Change Lights to
Fl 17M 11° 29.4′ N 123° 43.4′ E
QR 7M 11° 18.2′ N 123° 43.6′ E
Fl R 12M 9° 39.3′ N 123° 49.3′ E
Fl(2) R 10s 9M 11° 05.3′ N 124° 01.4′ E
(BA LL)

92030 4Ed. 1/22/83 LAST NM 20/90 22/90
Change Lights to
Q(3) 5s 3M 10° 44.3′ N 121° 56.2′ E
Fl(4) 16M 10° 29.0′ N 122° 28.6′ E
(8(664, 665)90 Taunton)

92030 4Ed. 1/22/83 LAST NM 22/90 26/90
Change Lights to
Fl(3) 20M 11° 50.5′ N 123° 07.2′ E
Fl(2) G 7M 11° 11.0′ N 123° 42.7′ E
Fl(4) 7M 10° 20.3′ N 123° 59.1′ E
Fl G 7M 9° 37.3′ N 123° 54.7′ E
Fl 14M 11° 38.3′ N 123° 21.2′ E
(10(830, 833, 835, 838)90 Taunton; BA LL)

92030 4Ed. 1/22/83 LAST NM 26/90 45/90
Add Light Fl 12° 29.7′ N 122° 29.5′ E
(8(27)90 Manila)

92030 4Ed. 1/22/83 LAST NM 45/90 4/91
Change Light to Oc, Fl G 10/8M 9° 18.9′ N 123° 18.6′ E
Characteristic of lights to
F 11° 35.8′ N 121° 41.9′ E
Fl 10° 25.1′ N 121° 55.2′ E
Fl(2) 11° 20.7′ N 124° 06.7′ E
Fl G 10° 20.3′ N 123° 59.1′ E
(See 26/90-92030)
(39(2809-2811, 2813, 2816)90 Taunton)

92030 4Ed. 1/22/83 LAST NM 4/91 7/91
Change Characteristic of light to Fl G 9° 39.3′ N 123° 49.3′ E
(See 20/90-92030)
(41(2961)90 Taunton)

92030 4Ed. 1/22/83 LAST NM 7/91 13/91
Change Characteristic of lights to
Fl G 12° 14.8′ N 121° 58.8′ E
Fl(3) 10° 25.1′ N 121° 55.2′ E
(46(3317, 3318)90 Taunton)

92030 4Ed. 1/22/83 LAST NM 13/91 47/91
Change Light to Fl(3) 10s 8M 10° 44.3′ N 121° 56.2′ E
(15(49)91 Manila)

92030 4Ed. 1/22/83 LAST NM 47/91 51/91
Change Characteristic of light to Fl 11° 50.5′ N 123° 07.2′ E
(25(1817)91 Taunton)

92030 4Ed. 1/22/83 LAST NM 51/91 11/92
Change Characteristic of light to Fl(3) 11° 50.5′ N 123° 07.2′ E
(Supersedes 51/91-92030)
(47(3350)91 Taunton)

92030 4Ed. 1/22/83 LAST NM 11/92 38/92
Change Characteristic of light to Fl R 11° 27.1′ N 123° 09.1′ E
(13(989)92 Taunton)

92030 4Ed. 1/22/83 LAST NM 38/92 47/92
Change Light to Fl 9M 11° 05.3′ N 124° 01.4′ E
(5(8)92 Manila)

92030 4Ed. 1/22/83 LAST NM 47/92 9/93
Change Light to Fl(2) 7M 11° 35.8′ N 121° 41.9′ E
(44(3250)92 Taunton)

92030 4Ed. 1/22/83 LAST NM 9/93 27/93
Change Light to Fl(2) 11M 10° 20.2′ N 123° 59.1′ E
(4(4)93 Manila)

92030 4Ed. 1/22/83 LAST NM 27/93 36/93
Change Light to Fl R 5s 10M 11° 18.1′ N 123° 43.7′ E
(29(2519)93 Taunton)

92030 4Ed. 1/22/83 LAST NM 36/93 46/93
Add Depth 13 fathoms "Rep (1993)" 11° 16.6′ N 124° 15.1′ E
(36(3075)93 Taunton)

92030 4Ed. 1/22/83 LAST NM 46/93 50/93
Change Characteristic of light to Fl(2) 5s 10° 44.3′ N 121° 56.2′ E
(12(16)93 Manila)

92030 4Ed. 1/22/83 LAST NM 50/93 3/94
Change Characteristic of light to Fl(3) 10s 11° 36.8′ N 122° 29.5′ E

Add Light Fl(2) G 5s 12° 13.1′ N 123° 13.6′ E
(44(3764)93 Taunton)

92030 4Ed. 1/22/83 LAST NM 3/94 4/94
Add Depth 8 3/4 fathoms "Rep (1993)" (PA)
11° 33.5′ N 124° 03.6′ E
(47(4057)93 Taunton)

92030 4Ed. 1/22/83 LAST NM 4/94 28/94
Add Light Fl(2) 4s 11° 47.8′ N 122° 15.3′ E
(21(1740)94 Taunton)

92030 4Ed. 1/22/83 LAST NM 28/94 29/94
Change Light to F 16M 12° 18.6′ N 123° 48.3′ E
(Fr LL)

92030 4Ed. 1/22/83 LAST NM 29/94 22/95
Add Light Fl(3) 15s 10° 03.5′ N 123° 53.9′ E
(1(2)95 Manila)

92030 4Ed. 1/22/83 LAST NM 22/95 32/95
Add Light Fl(2) 10s 9° 52.6′ N 123° 36.4′ E
(MCC044/95; BA LL)

92030 4Ed. 1/22/83 LAST NM 32/95 33/95
Add Light symbol 12° 10.9′ N 122° 04.1′ E
(6(23)95 Manila)

92030 4Ed. 1/22/83 LAST NM 33/95 42/95
Change Characteristic of light to Fl 5s 12° 18.6′ N 123° 48.5′ E
(BA LL)

92030 4Ed. 1/22/83 LAST NM 42/95 44/95
Add Light
Fl(2) 15s 11° 54.7′ N 121° 34.5′ E
Fl(2) 5s 11° 42.8′ N 122° 59.0′ E
(7(30, 33)95 Manila)

92030 4Ed. 1/22/83 LAST NM 44/95 45/95
Substitute Depth 5 1/2 fathoms "Rep (1995)"
for 13 fathoms "Rep (1993)" 11° 16.6′ N 124° 15.1′ E
(38(3140)95 Taunton)

92030 4Ed. 1/22/83 LAST NM 45/95 46/95
Add Light Fl(2) 5s 12° 21.8′ N 122° 41.0′ E
(8(37)95 Manila)

92030 4Ed. 1/22/83 LAST NM 46/95 2/96
Add Light Fl(3) 15s 11° 43.3′ N 124° 03.9′ E
(MCC044/95)

92030 4Ed. 1/22/83 LAST NM 2/96 3/96
Add Light Mo(U) 10s 9° 29.5′ N 123° 55.2′ E
(9(45)95 Manila)

92030 4Ed. 1/22/83 LAST NM 3/96 9/96
Change Light to FR 8M 10° 49.0′ N 123° 33.0′ E
(13(51)95 Manila)

92030 4Ed. 1/22/83 LAST NM 9/96 20/96
Change Characteristic of light to Fl(3) 10° 07.3′ N 123° 16.3′ E

Add Light Fl(3) 15s 9° 02.5′ N 123° 00.9′ E
(11(49)95 Manila; MCC044/95)

92030 4Ed. 1/22/83 LAST NM 20/96 21/96
Add Light Fl(2) G 4s 9° 36.3′ N 124° 15.8′ E
(SMEA001/96; BA LL)

92030 4Ed. 1/22/83 LAST NM 21/96 23/96
Change Light to Fl 12M 9° 39.3′ N 123° 49.3′ E
Characteristic of light to Fl 10s 10° 25.0′ N 121° 55.2′ E

Add Light
Fl(2) 10s 12° 17.0′ N 122° 37.6′ E
Fl(2) G 5s 11° 31.0′ N 124° 06.0′ E
(2(5)96 Manila; SMEA026/96)

92030 4Ed. 1/22/83 LAST NM 23/96 28/96
Change Light to Fl(2) 5s 11° 31.0′ N 124° 06.0′ E
(See 23/96-92030)
(SMEA026/96)

92030 4Ed. 1/22/83 LAST NM 28/96 37/96
Change Visibility (range) of light to 18M 11° 20.7′ N 124° 06.7′ E

Characteristic of light to Fl(3) 10s 10° 25.0′ N 121° 55.2′ E
(See 23/96-92030)
(BA LL)

92030 4Ed. 1/22/83 LAST NM 37/96 42/96
Change Characteristic of light to Fl 10s 10° 25.0′ N 121° 55.2′ E
(See 37/96-92030)
(BA LL)

92030 4Ed. 1/22/83 LAST NM 42/96 47/96
Change Characteristic of light to Fl(2) 10° 28.9′ N 122° 28.3′ E
(BA LL)

92030 4Ed. 1/22/83 LAST NM 47/96 9/97
Change Visibility (range) of light to 15M 11° 29.3′ N 123° 43.5′ E
(GIMM010/97)

92030 4Ed. 1/22/83 LAST NM 9/97 13/97
Change Characteristic of light to Fl(2) 10s 11° 43.3′ N 124° 03.9′ E
(GIMM010/97)

92030 4Ed. 1/22/83 LAST NM 13/97 14/97
Add Light Fl(2) 10s 9° 58.5′ N 122° 27.3′ E
(GIMM010/97)

92030 4Ed. 1/22/83 LAST NM 14/97 15/97
Delete Light 9° 02.5′ N 123° 00.9′ E
(See 20/96-92030)

Add Light Fl(3) 15s (PA) 9° 02.9′ N 123° 07.6′ E
(4(344)97 Taunton)

92030 4Ed. 1/22/83 LAST NM 15/97 52/97
Delete Light 12° 22.8′ N 123° 36.3′ E

Add Light Fl R 5s 12° 23.0′ N 123° 36.5′ E
(GIMM066/97)

92030 4Ed. 1/22/83 LAST NM 52/97 1/98
Change Characteristic of light to
Fl 5s 11° 18.1′ N 123° 43.7′ E
Fl(3) 15s 10° 23.0′ N 124° 01.0′ E

Add Submarine cable (power) with legend
"See Note" joining 11° 16.9′ N 124° 03.5′ E
11° 17.9′ N 124° 11.2′ E
11° 19.7′ N 124° 16.0′ E

joining 11° 15.7′ N 124° 16.0′ E
11° 14.3′ N 124° 12.4′ E
11° 13.1′ N 124° 03.9′ E

Note in lower left margin of chart
"SUBMARINE CABLES
Anchoring and fishing are prohibited
in the vicinity of the submarine
cables."
(7(52)97 Manila; GIMM066/97)

92030 4Ed. 1/22/83 LAST NM 1/98 2/98
Change Light to Fl 10s 11° 31.0′ N 124° 06.0′ E

Add Submarine cable with legend "See Note"
joining 10° 12.4′ N 123° 45.4′ E
10° 12.9′ N 123° 47.1′ E
10° 11.1′ N 123° 48.3′ E
10° 09.6′ N 123° 48.2′ E
9° 47.4′ N 123° 39.3′ E
9° 41.8′ N 123° 37.9′ E
9° 37.7′ N 123° 37.0′ E
9° 25.2′ N 123° 30.0′ E
9° 22.3′ N 123° 25.9′ E
9° 20.1′ N 123° 23.1′ E
9° 19.0′ N 123° 22.7′ E
9° 17.6′ N 123° 18.4′ E
(9(64)97 Manila; GIMM066/97)

92030 4Ed. 1/22/83 LAST NM 2/98 8/98
Delete Light 9° 02.9′ N 123° 07.6′ E
(Supersedes 15/97-92030)

Add Light Fl(3) 15s 9° 02.5′ N 123° 00.9′ E
(GIMM044/95, 066/97)

92030 4Ed. 1/22/83 LAST NM 8/98 16/98
Add Submarine cable joining 12° 30.0′ N 121° 41.6′ E
12° 18.9′ N 121° 43.2′ E
12° 15.8′ N 121° 47.0′ E
12° 13.4′ N 121° 49.1′ E
12° 11.1′ N 121° 52.0′ E
12° 10.8′ N 121° 52.6′ E
12° 10.0′ N 121° 54.1′ E
12° 09.7′ N 121° 54.7′ E
12° 08.3′ N 121° 55.9′ E
12° 07.8′ N 121° 56.8′ E
12° 06.6′ N 121° 57.6′ E
12° 04.8′ N 121° 58.6′ E
12° 03.8′ N 121° 59.5′ E
12° 01.5′ N 122° 00.0′ E
11° 59.3′ N 122° 01.0′ E
11° 57.5′ N 122° 04.4′ E
11° 58.6′ N 122° 08.6′ E
11° 58.0′ N 122° 13.8′ E
11° 57.0′ N 122° 15.4′ E
11° 57.2′ N 122° 16.0′ E
11° 57.1′ N 122° 16.8′ E
11° 54.6′ N 122° 20.5′ E
11° 47.1′ N 122° 37.0′ E
11° 42.5′ N 122° 39.5′ E
11° 42.4′ N 122° 40.3′ E
11° 42.0′ N 122° 40.4′ E
11° 39.3′ N 122° 42.3′ E
11° 36.5′ N 122° 44.2′ E
(GIMM027/98)

92030 4Ed. 1/22/83 LAST NM 16/98 17/98
Add Submarine cable
joining 11° 00.1′ N 122° 48.8′ E
10° 58.3′ N 122° 49.6′ E
10° 55.6′ N 122° 50.8′ E
10° 37.1′ N 122° 51.0′ E
10° 35.0′ N 122° 52.2′ E
10° 33.9′ N 122° 52.6′ E

joining 10° 58.0′ N 123° 18.2′ E
10° 59.4′ N 123° 19.5′ E
11° 02.0′ N 123° 23.9′ E
11° 01.8′ N 123° 26.0′ E
11° 01.6′ N 123° 26.5′ E
11° 01.3′ N 123° 32.6′ E
10° 57.7′ N 123° 36.9′ E
10° 57.6′ N 123° 37.4′ E
10° 57.0′ N 123° 38.6′ E
10° 56.1′ N 123° 40.4′ E
10° 56.3′ N 123° 42.5′ E
11° 08.0′ N 123° 50.6′ E
11° 09.3′ N 123° 51.2′ E
11° 09.6′ N 123° 51.6′ E
11° 13.6′ N 123° 54.4′ E
11° 14.6′ N 123° 59.7′ E

joining 11° 15.1′ N 123° 59.6′ E
11° 15.7′ N 123° 58.3′ E
11° 17.4′ N 123° 57.6′ E
11° 18.5′ N 123° 58.1′ E
11° 18.9′ N 123° 59.3′ E
11° 21.9′ N 124° 05.6′ E
11° 22.6′ N 124° 07.3′ E
11° 22.3′ N 124° 08.0′ E
11° 20.6′ N 124° 08.5′ E
11° 17.6′ N 124° 09.5′ E
11° 09.3′ N 124° 10.7′ E
10° 58.0′ N 124° 10.7′ E
10° 29.4′ N 124° 04.3′ E
10° 25.4′ N 124° 03.0′ E
10° 24.5′ N 123° 59.8′ E
(GIMM027/98)

92030 4Ed. 1/22/83 LAST NM 17/98 18/98
Add Submarine cable joining 10° 24.5′ N 123° 59.8′ E
10° 24.5′ N 124° 01.2′ E
10° 24.1′ N 124° 02.4′ E
10° 24.4′ N 124° 04.0′ E
10° 31.0′ N 124° 08.5′ E
10° 35.1′ N 124° 09.8′ E
10° 37.5′ N 124° 11.4′ E
10° 40.3′ N 124° 12.1′ E
10° 43.5′ N 124° 13.6′ E
10° 45.0′ N 124° 16.0′ E
(GIMM027/98)

92030 4Ed. 1/22/83 LAST NM 18/98 22/98
Add Submarine cable joining 9° 17.6′ N 123° 18.4′ E
9° 16.0′ N 123° 20.9′ E
9° 12.6′ N 123° 22.7′ E
9° 12.0′ N 123° 23.3′ E
9° 07.5′ N 123° 25.9′ E
9° 04.6′ N 123° 29.1′ E
9° 03.2′ N 123° 31.2′ E
9° 01.7′ N 123° 32.6′ E
8° 55.8′ N 123° 40.1′ E
8° 53.6′ N 123° 41.9′ E
8° 52.2′ N 123° 44.5′ E
8° 51.9′ N 123° 46.3′ E
8° 50.0′ N 123° 48.7′ E
(See 2/98-92030)
(GIMM027/98)

92030 4Ed. 1/22/83 LAST NM 22/98 28/98
Delete Submarine cable and legend "See Note" in vicinity 11° 17.9′ N 124° 11.2′ E
11° 14.3′ N 124° 12.4′ E
(See 1/98-92030)

Change Period of light to 5s 10° 25.0′ N 121° 55.2′ E

Add Purple composite line
joining 11° 16.9′ N 124° 03.5′ E
11° 17.9′ N 124° 11.2′ E
11° 19.7′ N 124° 16.0′ E

joining 11° 15.7′ N 124° 16.0′ E
11° 14.3′ N 124° 12.4′ E
11° 13.1′ N 124° 02.5′ E

Submarine cable (power) with legend "(see Note)" between 10° 53.9′ N 122° 57.0′ E
11° 01.7′ N 122° 52.3′ E
Legend "SUBMARINE POWER CABLES ANCHORING AND FISHING PROHIBITED" 11° 16.0′ N 124° 11.0′ E

Legend "(see Note)" 11° 51.5′ N 122° 29.0′ E
10° 58.5′ N 123° 45.0′ E
10° 49.0′ N 124° 02.5′ E
9° 31.0′ N 123° 34.5′ E
(10(73), 11(78)97 Manila; GIMM066/97, 027/98)

92030 4Ed. 1/22/83 LAST NM 28/98 29/98
Change Characteristic of light to
Fl 9° 31.1′ N 123° 41.0′ E
Fl R 11° 07.1′ N 123° 56.4′ E
(GIMM066/97)

92030 4Ed. 1/22/83 LAST NM 29/98 34/98
Change Light to Fl R 7M 9° 28.0′ N 123° 13.6′ E

Add Depth 197 fathoms 12° 08.2′ N 121° 55.9′ E
(5(385)98 Taunton; BA LL)

92030 4Ed. 1/22/83 LAST NM 34/98 36/98
Change Characteristic of light to
Fl R 9° 37.3′ N 123° 54.7′ E
Fl R 9° 36.1′ N 124° 00.5′ E
(BA LL)

92030 4Ed. 1/22/83 LAST NM 36/98 38/98
Change Characteristic of light to
Fl 10s 10° 59.5′ N 124° 06.2′ E
Fl(2) R 10s 11° 05.2′ N 124° 01.6′ E
Fl G 7M 10° 20.2′ N 123° 59.1′ E
Fl 10s 12M 10° 14.2′ N 123° 53.4′ E
(GIMM047/98)

92030 4Ed. 1/22/83 LAST NM 38/98 40/98
Delete Light 9° 36.3′ N 124° 15.8′ E

Change Visibility (range) of light to 18M 11° 36.6′ N 122° 42.3′ E
(GIMM047/98)

92030 4Ed. 1/22/83 LAST NM 40/98 41/98
Change Light to Fl(3) 5s 7M 10° 44.3′ N 121° 56.2′ E
(BA LL)

92030 4Ed. 1/22/83 LAST NM 41/98 45/98
Change Characteristic of light to Fl G 9° 55.2′ N 123° 20.5′ E
(BA LL)

92030 4Ed. 1/22/83 LAST NM 45/98 44/99
Change Light to Fl(3) 20s 15M 11° 53.2′ N 124° 16.7′ E

Add Period 6s to light 11° 29.3′ N 123° 43.5′ E
(7(12)92, 6(Sect IV)98 Manila)

92030 4Ed. 1/22/83 LAST NM 44/99 46/99
Change Characteristic of light to Fl R 3s 10° 41.6′ N 122° 34.8′ E
Characteristic of light to Fl G 3s 10° 41.7′ N 122° 35.0′ E

Add Light QR 10° 57.4′ N 123° 19.3′ E
(7(Sect IV), 8(Sect IV)98 Manila)

92030 4Ed. 1/22/83 LAST NM 46/99 47/99
Change Characteristic of light to Fl 3s 9° 55.2′ N 123° 20.5′ E
(8(Sect IV)98 Manila)

92030 4Ed. 1/22/83 LAST NM 47/99 48/99
Change Period of light to 5s 10° 59.5′ N 124° 06.2′ E
(12(Sect IV)98 Manila)

92030 4Ed. 1/22/83 LAST NM 48/99 50/99
Add Submarine cable [L30.1] joining 12° 30.0′ N 121° 27.0′ E
12° 28.8′ N 121° 28.5′ E
12° 27.7′ N 121° 29.6′ E
12° 25.1′ N 121° 32.4′ E
12° 22.7′ N 121° 34.6′ E
12° 15.3′ N 121° 41.1′ E
12° 09.3′ N 121° 45.0′ E
12° 07.4′ N 121° 47.8′ E
12° 03.8′ N 121° 48.2′ E
12° 00.0′ N 121° 47.9′ E
11° 54.0′ N 121° 47.6′ E
11° 50.3′ N 121° 47.3′ E
11° 46.1′ N 121° 46.4′ E
11° 44.0′ N 121° 46.2′ E
11° 40.1′ N 121° 47.8′ E
11° 37.6′ N 121° 48.3′ E
11° 31.9′ N 121° 49.8′ E
11° 27.1′ N 121° 49.1′ E
11° 24.5′ N 121° 49.6′ E
11° 19.5′ N 121° 52.4′ E
11° 09.8′ N 121° 56.0′ E
11° 03.9′ N 121° 55.1′ E
11° 00.6′ N 121° 54.7′ E
10° 47.1′ N 121° 50.2′ E
10° 45.0′ N 121° 50.4′ E
10° 43.2′ N 121° 50.2′ E
10° 41.2′ N 121° 52.3′ E
10° 41.3′ N 121° 55.4′ E
10° 41.8′ N 121° 56.8′ E
10° 42.6′ N 121° 58.0′ E
(GIMM066/98)

92030 4Ed. 1/22/83 LAST NM 50/99 51/99
Add Submarine cable [L30.1] joining 10° 42.7′ N 121° 58.0′ E
10° 41.1′ N 121° 56.6′ E
10° 40.3′ N 121° 55.1′ E
10° 38.2′ N 121° 52.4′ E
10° 36.8′ N 121° 48.3′ E
10° 35.8′ N 121° 47.5′ E
10° 31.8′ N 121° 46.4′ E
10° 25.3′ N 121° 44.6′ E
10° 21.9′ N 121° 45.6′ E
10° 18.3′ N 121° 47.5′ E
10° 14.4′ N 121° 50.8′ E
10° 13.7′ N 121° 52.2′ E
10° 13.1′ N 121° 59.8′ E
10° 13.8′ N 122° 02.3′ E
10° 14.7′ N 122° 03.2′ E
10° 19.0′ N 122° 04.9′ E
10° 31.1′ N 122° 13.1′ E
10° 36.7′ N 122° 21.8′ E
10° 37.7′ N 122° 22.0′ E
10° 38.0′ N 122° 22.0′ E
10° 39.7′ N 122° 22.6′ E
10° 40.2′ N 122° 22.7′ E
(GIMM066/98)

92030 4Ed. 1/22/83 LAST NM 51/99 52/99
Add Submarine cable [L30.1] joining 10° 40.2′ N 122° 22.3′ E
10° 39.7′ N 122° 22.8′ E
10° 38.7′ N 122° 22.8′ E
10° 34.9′ N 122° 22.3′ E
10° 30.5′ N 122° 17.5′ E
10° 25.4′ N 122° 13.5′ E
10° 22.0′ N 122° 12.0′ E
10° 17.0′ N 122° 08.9′ E
10° 11.3′ N 122° 08.1′ E
9° 56.0′ N 122° 04.5′ E
9° 50.1′ N 122° 03.4′ E
9° 49.5′ N 122° 03.6′ E
9° 45.1′ N 122° 05.1′ E
9° 41.5′ N 122° 05.2′ E
9° 30.7′ N 122° 10.6′ E
9° 13.1′ N 122° 26.9′ E
9° 10.3′ N 122° 33.2′ E
9° 11.6′ N 122° 38.7′ E
9° 20.8′ N 122° 48.3′ E
9° 20.3′ N 122° 49.0′ E
(GIMM066/1998)

92030 4Ed. 1/22/83 LAST NM 52/99 2/00
Add Submarine cable [L30.1] joining 9° 14.5′ N 123° 17.6′ E
9° 14.6′ N 123° 20.4′ E
9° 15.9′ N 123° 22.5′ E
9° 20.0′ N 123° 24.8′ E
9° 21.5′ N 123° 29.0′ E
9° 22.7′ N 123° 29.3′ E
9° 24.3′ N 123° 31.2′ E
9° 26.8′ N 123° 32.6′ E
9° 37.5′ N 123° 38.4′ E
9° 43.0′ N 123° 39.6′ E
9° 47.5′ N 123° 40.6′ E
10° 09.3′ N 123° 49.6′ E
10° 11.8′ N 123° 49.7′ E
10° 12.8′ N 123° 50.0′ E
10° 14.3′ N 123° 49.4′ E

Submarine cable [L30.1] joining 9° 14.5′ N 123° 17.6′ E
9° 14.5′ N 123° 17.8′ E
9° 14.1′ N 123° 18.9′ E
9° 00.4′ N 123° 29.7′ E
9° 00.1′ N 123° 30.5′ E
8° 59.9′ N 123° 33.7′ E
9° 00.8′ N 123° 35.2′ E
9° 00.6′ N 123° 37.2′ E
8° 59.8′ N 123° 40.6′ E
8° 56.1′ N 123° 59.8′ E
8° 53.2′ N 124° 12.2′ E
8° 52.8′ N 124° 13.4′ E
8° 52.3′ N 124° 15.9′ E
(GIMM066/98)

92030 4Ed. 1/22/83 LAST NM 2/00 3/00
Change Light to Fl(3) G 11M 10° 20.2′ N 123° 59.1′ E

Add Light Al Fl WG 15M R Bn (AERO)
10° 19.3′ N 123° 58.7′ E
(47(4382)99 Taunton)

92030 4Ed. 1/22/83 LAST NM 3/00 5/00
Add Submarine cable [L30.1] joining 9° 14.5′ N 123° 17.6′ E
9° 12.2′ N 123° 19.6′ E
9° 09.7′ N 123° 19.9′ E
9° 05.6′ N 123° 19.5′ E
9° 00.6′ N 123° 16.8′ E
8° 57.7′ N 123° 15.7′ E
8° 55.3′ N 123° 11.2′ E
8° 53.8′ N 123° 06.6′ E
8° 50.8′ N 123° 03.4′ E
8° 50.0′ N 123° 00.6′ E

Submarine cable [L30.1] joining 8° 50.0′ N 122° 41.0′ E
8° 55.1′ N 122° 41.4′ E
9° 04.1′ N 122° 40.8′ E
9° 12.2′ N 122° 44.4′ E
9° 21.3′ N 122° 49.0′ E
(GIMM066/98)

92030 4Ed. 1/22/83 LAST NM 5/00 13/00
Change Light to Fl(2) 5s 11° 47.8′ N 122° 15.3′ E

Add Light Fl R 5s 9° 54.7′ N 123° 48.7′ E
(9(47, Sect IV)99 Manila)

92030 4Ed. 1/22/83 LAST NM 13/00 14/00
Delete Depth 5½ fathoms "Rep (1995)" 11° 16.6′ N 124° 15.1′ E

Add Dangerous wreck [K28] 11° 14.0′ N 123° 31.9′ E
Depth 5½ fathoms 11° 16.7′ N 124° 15.1′ E
(10(55), 12(61)99 Manila)

92030 4Ed. 1/22/83 LAST NM 14/00 15/00
Add Light Fl 10s 17M 11° 18.1′ N 123° 53.5′ E
(5(12)99 Manila)

92030 4Ed. 1/22/83 LAST NM 15/00 16/00
Delete Light 9° 39.3′ N 123° 49.3′ E

Change Light to Fl 7s 17M 9° 31.1′ N 123° 41.0′ E

Add Light Fl G 3s 6M 9° 39.5′ N 123° 49.6′ E
Light Fl G 3s 3M 10° 03.6′ N 123° 59.0′ E
Light Fl R 3s 3M 10° 00.6′ N 123° 56.8′ E
(5(13, 14, 17)99 Manila; Phil CH 4429A)

92030 4Ed. 1/22/83 LAST NM 16/00 18/00
Delete Submarine cable (power) and legend between
10° 53.9′ N 122° 57.0′ E
11° 01.7′ N 122° 52.3′ E

Add Submarine cable (power) [L31.1] with legend
"(see Note)" between 10° 53.8′ N 122° 57.7′ E
11° 02.0′ N 122° 52.4′ E
(4(11)99 Manila)

92030 4Ed. 1/22/83 LAST NM 18/00 30/00
Add Wreck [K29] (PA) 10° 20.0′ N 124° 06.0′ E
(2(4, Sect. IV)99 Manila)

92030 4Ed. 1/22/83 LAST NM 30/00 35/00
Change Characteristic of light to Fl(2) 10s 11° 31.0′ N 124° 06.0′ E
(6(Sec IV)99 Manila)

92030 4Ed. 1/22/83 LAST NM 35/00 36/00
Change Light to Fl 10s 17M 11° 53.4′ N 124° 16.6′ E
(7(Sec IV)99 Manila)

92030 4Ed. 1/22/83 LAST NM 36/00 38/00
Change Light to Fl 10s 17M 10° 25.0′ N 121° 55.2′ E
Light to Fl 7s 17M 12° 29.0′ N 124° 08.4′ E
Light to Fl G 5s 17M 11° 04.6′ N 123° 01.3′ E
Light to Fl 7s 14M 11° 12.3′ N 123° 20.2′ E
Light to Fl 5s 9M 12° 06.2′ N 122° 00.7′ E
Light to Fl R 4s 6M 10° 41.7′ N 122° 35.0′ E
Light to Fl G 4s 6M 10° 41.6′ N 122° 34.8′ E
Light to Fl 5s 9M 11° 27.0′ N 123° 09.1′ E
Light to Fl 10s 17M 11° 53.4′ N 124° 16.6′ E
Light to Fl 5s 9M 10° 46.0′ N 122° 40.6′ E
Light to Fl 5s 9M 9° 55.2′ N 123° 20.5′ E
(See 47/99-92030)

Add Light Fl 5s 9M 9° 44.3′ N 123° 50.4′ E
(5(16, 18-21, 23-25), 7(Sec IV)99 Manila)

92030 4Ed. 1/22/83 LAST NM 38/00 39/00
Change Characteristic of light to Fl 5s 11° 29.3′ N 123° 43.5′ E
(See 44/99-92030)

Add Light Fl 10s 66ft 17M 9° 07.3′ N 123° 40.8′ E
(6(32), 9(Sec IV)99 Manila)

92030 4Ed. 1/22/83 LAST NM 39/00 42/00
Substitute CAUTIONS note from Subsection I-2 for same
8° 54.0′ N 122° 10.0′ E

Add Purple composite line (submarine power cable
area limit) [L31.2] joining 9° 28.6′ N 123° 11.4′ E
9° 33.8′ N 123° 18.5′ E
9° 32.6′ N 123° 16.0′ E
9° 31.8′ N 123° 12.0′ E

Purple composite line (submarine power cable
area limit) [L31.2] joining 9° 28.3′ N 123° 12.2′ E
9° 30.9′ N 123° 12.7′ E
9° 31.6′ N 123° 16.3′ E
9° 32.5′ N 123° 18.2′ E

Legend "CAUTION NO 2" 9° 32.5′ N 123° 18.2′ E
(5(29)99 Manila)

92030 4Ed. 1/22/83 LAST NM 42/00 5/01
Change Light to Fl G 5s 6M 10° 20.2′ N 123° 59.1′ E
Light to Fl(3) 15s 39ft 11M 11° 36.6′ N 122° 29.5′ E
Light to Fl(2) G 5s 11° 31.0′ N 124° 06.0′ E
(See 35/00-92030)
(6(Sec IV), 7(Sec IV), 9(Sec IV)00 Manila; BA LL)

92030 4Ed. 1/22/83 LAST NM 5/01 9/01
Change Light to Fl 5s 18M 10° 57.5′ N 123° 19.2′ E
Light to Fl 15s 20M 10° 29.0′ N 122° 28.4′ E
(10(Sec IV), 11(Sec IV)00 Manila; BA LL)

92030 4Ed. 1/22/83 LAST NM 9/01 24/01
Add Submarine pipeline (gas) [L40.1] joining
12° 15.5′ N 121° 27.0′ E
12° 15.7′ N 121° 29.2′ E
12° 26.5′ N 121° 39.2′ E
12° 30.0′ N 121° 39.2′ E
(NTM0019/2001)

92030 4Ed. 1/22/83 LAST NM 24/01 32/01
Change Light to Fl 10s 10M 11° 11.0′ N 123° 42.7′ E
Light to Fl 5s 10M 10° 30.4′ N 123° 42.7′ E
Light to Fl 5s 10M 9° 27.9′ N 123° 13.7′ E
(4(23, 28, 29)01 Manila)

92030 4Ed. 1/22/83 LAST NM 32/01 34/01
Change Light to Fl 7s 18M 10° 28.2′ N 123° 26.8′ E
(4(24)01 Manila)

92030 4Ed. 1/22/83 LAST NM 34/01 35/01
Change Visibility (range) of light to 10M 12° 18.6′ N 123° 48.5′ E
Light to Fl 7s 16M 11° 36.3′ N 123° 10.7′ E
Light to Fl 10s 17M 11° 38.3′ N 123° 21.4′ E
Visibility (range) of light to 17M 11° 29.3′ N 123° 43.5′ E
(See 39/00-92030)
(BA LL)

92030 4Ed. 1/22/83 LAST NM 35/01 37/01
Change Light to Fl 5s 20M 10° 23.0′ N 124° 01.0′ E
(BA LL)

92030 4Ed. 1/22/83 LAST NM 37/01 38/01
Change Visibility (range) of light to 16M 12° 16.2′ N 122° 38.0′ E
(BA LL)

92030 4Ed. 1/22/83 LAST NM 38/01 39/01
Change Light to Fl 7s 18M 11° 34.3′ N 124° 15.7′ E
Light to Fl(2) 191ft 20M 11° 35.8′ N 121° 41.9′ E
Light to Fl G 5s 46ft 18M 12° 14.8′ N 121° 58.8′ E
Period of light to 10s 11° 42.8′ N 122° 59.0′ E
(BA LL)

92030 4Ed. 1/22/83 LAST NM 39/01 40/01
Change Light to Fl 5s 12M 12° 29.7′ N 122° 29.5′ E
(BA LL)

92030 4Ed. 1/22/83 LAST NM 40/01 41/01
Change Light to Fl 5s 10M 11° 18.4′ N 124° 03.7′ E
Light to Fl R 5s 7M 11° 07.2′ N 123° 56.6′ E
Characteristic of light to Fl(3) 10s 10° 59.5′ N 124° 06.2′ E
Light to Fl R 10s 12M 10° 04.0′ N 123° 26.7′ E
Light to Fl R 5s 3M 9° 37.5′ N 123° 54.7′ E
Light to Fl 5s 8M 9° 53.5′ N 123° 45.5′ E
Light to Fl 5s 15M 9° 05.2′ N 123° 16.1′ E
(BA LL)

92030 4Ed. 1/22/83 LAST NM 41/01 47/01
Change Light to Fl(2) R 10s 122ft 7M 12° 06.2′ N 122° 00.7′ E
Visibility (range) of light to 7M 10° 23.5′ N 123° 38.0′ E
Characteristic of light to Fl R 3s 10° 03.6′ N 123° 59.0′ E

Add Height 115ft to light 10° 25.0′ N 121° 55.2′ E
Height 26ft to light 10° 41.6′ N 122° 34.8′ E
Height 89ft to light 10° 46.0′ N 122° 40.6′ E
Height 26ft to light 10° 41.7′ N 122° 35.0′ E
(8(98)01 Manila; BA LL)

92030 4Ed. 1/22/83 LAST NM 47/01 7/02
Change Light to Fl 5s 53ft 3M 10° 14.2′ N 123° 53.4′ E
Light to Fl(2) 10s 33ft 16M 12° 16.2′ N 122° 38.0′ E
(Supersedes 38/01-92030)

Add Visibility (range) 7M to light 9° 02.5′ N 123° 00.9′ E
(BA LL)

92030 4Ed. 1/22/83 LAST NM 7/02 10/02
Change Visibility (range) of light to 13M 10° 14.2′ N 123° 53.4′ E
Light to Fl R 5s 15M 11° 29.3′ N 123° 43.5′ E
Characteristic of light to Fl G 3s 10° 03.6′ N 123° 59.0′ E
(See 35/01, 7/02-92030)
(10(113, 126), 11(145)01 Manila)

92030 4Ed. 1/22/83 LAST NM 10/02 11/02
Change Light to Fl(3) 10s 10° 45.0′ N 124° 00.2′ E
(BA LL)

92030 4Ed. 1/22/83 LAST NM 11/02 19/02
Add Light Fl 7s 11° 45.8′ N 121° 50.6′ E
(2(19)02 Manila)

92030 4Ed. 1/22/83 LAST NM 19/02 21/02
Delete Light 12° 17.0′ N 122° 37.6′ E
(16(1683)02 Taunton)

92030 4Ed. 1/22/83 LAST NM 21/02 42/03
Change Characteristic of light to Fl(2) 10s 11° 31.0′ N 124° 06.0′ E
Characteristic of light to Fl(2) 5s 11° 29.3′ N 123° 43.5′ E

Add Light Fl 5s 12° 11.2′ N 122° 41.7′ E
(3(35, 36, 46)02 Manila)

92030 4Ed. 1/22/83 LAST NM 42/03 30/04
Add Dangerous wreck [K28] 10° 36.8′ N 122° 26.9′ E
(10(1026)00 Taunton)

92030 4Ed. 1/22/83 LAST NM 30/04 36/04
Delete Dangerous wreck 10° 36.8′ N 122° 26.9′ E
(Supersedes 30/04-92030)
(15(1578)00 Taunton)

92030 4Ed. 1/22/83 LAST NM 36/04 51/05
Change Light to Fl 10s 30m 17M 12° 28.7′ N 122° 17.2′ E
Light to Fl(3) 15s 2m 3M 10° 03.3′ N 123° 54.0′ E

Add Light Fl 10s 56m 10M 12° 05.8′ N 121° 34.6′ E
(9(189)02 Manila; BA LL)

92030 4Ed. 1/22/83 LAST NM 51/05 4/06
Add Stranded wreck [K24] (PA) 10° 17.2′ N 123° 54.1′ E
Depth 4 meters Wk [K26] 11° 37.4′ N 122° 29.7′ E
(5(56), 6(75)03 Manila)

92030 4Ed. 1/22/83 LAST NM 4/06 9/06
Change Light to Fl R 5s 10m 12M 10° 04.3′ N 123° 26.8′ E

Add Light Fl 7s 9° 37.3′ N 123° 19.2′ E
Light Fl 7s 10° 40.0′ N 122° 33.7′ E
Light Fl 10s 10° 35.3′ N 122° 30.8′ E
(11(222, 226, 227, 235)02 Manila; BA LL)

92030 4Ed. 1/22/83 LAST NM 9/06 13/06
Change Light to Fl 5s 15M 11° 29.3′ N 123° 43.5′ E
(4(91)02 Manila; BA LL)

92030 4Ed. 1/22/83 LAST NM 13/06 41/06
Add Wreck [K29] 10° 15.5′ N 122° 29.2′ E
Light Fl G 5s 12M 9° 51.7′ N 123° 49.0′ E
(5(113)02, 8(153)06 Manila)

92030 4Ed. 1/22/83 LAST NM 41/06 48/06
Change Light to Fl G 7s 10m 6M 9° 39.5′ N 123° 49.6′ E

Add Light Fl 5s 10M 10° 24.3′ N 122° 30.3′ E
Light Fl 5s 10° 55.5′ N 121° 58.9′ E
Light Fl 5s 10M 10° 58.6′ N 123° 32.5′ E
(8(170), 10(204, 206, 207)02 Manila; BA LL)

92030 4Ed. 1/22/83 LAST NM 48/06 8/07
Change Light to Fl 10s 15M 10° 59.5′ N 124° 06.1′ E
(2(21)03 Manila)

92030 4Ed. 1/22/83 LAST NM 8/07 11/07
Change Light to Fl 10s 51ft 13M 10° 14.2′ N 123° 53.4′ E
Light to Fl 7s 154ft 18M 11° 36.6′ N 122° 42.2′ E
(4(38, 52)03 Manila; BA LL)

92030 4Ed. 1/22/83 LAST NM 11/07 23/09
Add Depth 162 fathoms 12° 03.1′ N 121° 47.2′ E
Depth 217 fathoms 12° 00.6′ N 121° 50.5′ E
Depth 148 fathoms 11° 58.3′ N 121° 48.9′ E
Depth 301 fathoms 11° 55.9′ N 121° 44.5′ E
Depth 182 fathoms 12° 11.9′ N 121° 52.4′ E

Depth 95 fathoms enclosed by depth contour
(100-fathom) centered 12° 17.5′ N 121° 49.2′ E

Depth 219 fathoms 12° 07.3′ N 121° 44.4′ E
(NTM0006/2009)

92030 4Ed. 1/22/83 LAST NM 23/09 44/10
Change Light to Fl 5s 9M 12° 06.2′ N 122° 00.7′ E
Period of light to 5s 12° 06.2′ N 122° 38.0′ E
(UKHO LL)

92030 4Ed. 1/22/83 LAST NM 44/10 45/10
Change Visibility (range) of light to 11M 10° 20.2′ N 123° 59.1′ E
(2(9)08 Manila; UKHO LL)

92030 4Ed. 1/22/83 LAST NM 45/10 46/10
Add Light Fl 5s 11° 54.1′ N 121° 53.0′ E
Light Fl 5s 7M 11° 46.1′ N 121° 54.8′ E
(UKHO ARCS 4484-0)

92030 4Ed. 1/22/83 LAST NM 46/10 47/10
Add Light Fl 7s 12° 17.6′ N 121° 55.6′ E
(UKHO ARCS 4484-0)

92030 4Ed. 1/22/83 LAST NM 47/10 1/11
Add Light Fl 5s 10M 10° 50.0′ N 123° 52.2′ E
(3(65)08 Manila; UKHO LL)

92030 4Ed. 1/22/83 LAST NM 1/11 4/11
Change Period of light to 5s 11° 05.2′ N 124° 01.6′ E
(11(234)10 Manila)

92030 4Ed. 1/22/83 LAST NM 4/11 7/11
Change Visibility (range) of light to 17M 11° 29.3′ N 123° 43.5′ E

Add Light Fl 5s 33ft 15M 11° 33.3′ N 122° 33.5′ E
(UKHO ARCS 4485-0; UKHO LL)

92030 4Ed. 1/22/83 LAST NM 7/11 8/11
Change Characteristic of light to Fl 5s 10° 44.3′ N 121° 56.2′ E
(UKHO ARCS 4480-0)

92030 4Ed. 1/22/83 LAST NM 8/11 11/11
Change Characteristic of light to Fl(2) 4s 9° 36.3′ N 124° 15.8′ E
(11(276)08 Manila)

92030 4Ed. 1/22/83 LAST NM 11/11 15/11
Change Characteristic of light to Fl R 5s 10° 28.8′ N 123° 25.2′ E
(UKHO ARCS 3801-1)

92030 4Ed. 1/22/83 LAST NM 15/11 16/11
Change Characteristic of light to Fl(2) 10s 10° 29.0′ N 122° 28.4′ E
(5(154)08 Manila)

92030 4Ed. 1/22/83 LAST NM 16/11 17/11
Delete Light 11° 36.6′ N 122° 29.5′ E

Add Light Fl(3) 10s 12M 11° 35.6′ N 122° 30.2′ E
(5(150)08 Manila; UKHO LL)

92030 4Ed. 1/22/83 LAST NM 17/11 24/11
Add Light Fl G 5s 10M 11° 52.2′ N 123° 40.2′ E
(12(264)05 Manila; UKHO LL)

92030 4Ed. 1/22/83 LAST NM 24/11 30/11
Change Light to Fl 5s 105ft 10M 12° 18.6′ N 123° 48.5′ E
(2(46)06 Manila; UKHO LL)

92030 4Ed. 1/22/83 LAST NM 30/11 32/11
Change Characteristic of light to Fl R 7s 11° 27.0′ N 123° 09.1′ E
(10(170)07 Manila)

92030 4Ed. 1/22/83 LAST NM 32/11 33/11
Change Light to Fl(2) 10s 184ft 17M 9° 07.3′ N 123° 40.8′ E

Add Dangerous wreck [K28] 11° 37.1′ N 123° 07.7′ E
(7(178, 185)08 Manila; UKHO LL)

92030 4Ed. 1/22/83 LAST NM 33/11 35/11
Change Light to Fl R 5s 52ft 7M 12° 23.0′ N 123° 36.5′ E
(10(234)08 Manila; UKHO LL)

92030 4Ed. 1/22/83 LAST NM 35/11 37/11
Change Characteristic of light to Fl 10s 11° 04.6′ N 123° 01.3′ E
(12(243)09 Manila)

92030 4Ed. 1/22/83 LAST NM 37/11 39/11
Change Light to Fl R 5s 33ft 6M 9° 39.5′ N 123° 49.6′ E
Light to Fl(2) 10s 39ft 10M 11° 11.0′ N 123° 42.7′ E
Light to Fl 3s 170ft 18M 11° 18.4′ N 124° 03.7′ E

Add Height 213ft to light 11° 18.1′ N 123° 53.5′ E
Height 43ft to light 9° 44.3′ N 123° 50.4′ E
(4(51, 52)09 Manila; UKHO LL)

92030 4Ed. 1/22/83 LAST NM 39/11 40/11
Add Height 10m to light 10° 58.6′ N 123° 32.6′ E
(12(263)10 Manila; UKHO LL)

92030 4Ed. 1/22/83 LAST NM 40/11 41/11
Change Light to Fl R 5s 33ft 7M 12° 24.3′ N 121° 58.8′ E
(4(68)11 Manila; UKHO LL)

92030 4Ed. 1/22/83 LAST NM 41/11 42/11
Add Visibility (range) 15M to light 10° 55.5′ N 121° 58.9′ E
(UKHO LL)

92030 4Ed. 1/22/83 LAST NM 42/11 45/11
Add Dangerous wreck [K28] 11° 00.4′ N 123° 06.4′ E
(7(158)11 Manila)

92030 4Ed. 1/22/83 LAST NM 45/11 46/11
Add Light Fl 5s 33ft 15M 10° 37.0′ N 122° 43.0′ E
(4(38)10 Manila; UKHO LL)

92030 4Ed. 1/22/83 LAST NM 46/11 47/11
Change Characteristic of light to Fl(3) 10s 11° 50.5′ N 123° 07.2′ E

Add Height 121ft to light 10° 28.2′ N 123° 26.8′ E
(4(40)10 Manila; UKHO LL)

92030 4Ed. 1/22/83 LAST NM 47/11 48/11
Add Height 33ft to light 10° 35.3′ N 122° 30.8′ E
(UKHO LL)

92030 4Ed. 1/22/83 LAST NM 48/11 51/11
Add Buoy Y, spherical, Fl(5) Y 10s 11° 21.4′ N 123° 41.9′ E
Light Fl 5s 8° 51.4′ N 123° 25.0′ E
(7(138, 149)10 Manila; UKHO ARCS 4471-0, 4478-0)

92030 4Ed. 1/22/83 LAST NM 51/11 53/11
Change Light to Fl(3) 15s 144ft 20M 10° 23.0′ N 124° 01.0′ E
(UKHO LL)

92030 4Ed. 1/22/83 LAST NM 53/11 3/12
Delete Light 11° 35.8′ N 121° 41.9′ E

Change Characteristic of light to Fl(2) 7s 11° 45.8′ N 121° 50.6′ E

Add Light Fl(2) 10s 190ft 20M 11° 36.5′ N 121° 41.1′ E
(5(107, 115)11 Manila; UKHO ARCS 4481-0)

92030 4Ed. 1/22/83 LAST NM 3/12 5/12
Change Characteristic of light to Fl G 7s 9° 39.5′ N 123° 49.6′ E
(See 39/11-92030)
(11(244)11 Manila)

92030 4Ed. 1/22/83 LAST NM 5/12 10/12
Change Characteristic of light to Fl(3) 20s 11° 53.4′ N 124° 16.6′ E
(11(238)10 Manila)

92030 4Ed. 1/22/83 LAST NM 10/12 11/12
Change Characteristic of light to Fl 7s 11° 45.8′ N 121° 50.6′ E
(See 3/12-92030)
(8(163)11 Manila)

92030 4Ed. 1/22/83 LAST NM 11/12 12/12
Add Light Fl 5s 9° 23.0′ N 122° 40.5′ E
(11(231)10 Manila)

92030 4Ed. 1/22/83 LAST NM 12/12 26/12
Change Light to Fl 10s 230ft 17M 11° 53.4′ N 124° 16.6′ E
(See 10/12-92030)
(5(98)12 Manila; UKHO LL)

92030 4Ed. 1/22/83 LAST NM 26/12 44/12
Add Light Fl(3) 15s 25ft 15M 9° 18.1′ N 123° 37.3′ E
Light Fl(3) 10s 90ft 15M 9° 09.3′ N 123° 30.8′ E
Height 85ft to light 9° 02.5′ N 123° 00.9′ E
(6(104-106)12 Manila)

92030 4Ed. 1/22/83 LAST NM 44/12 49/12
Change Visibility (range) of light to 15M 10° 28.2′ N 123° 26.8′ E

Add Height 39ft to light 10° 28.8′ N 123° 25.2′ E
(3(48, 49)12 Manila)

92030 4Ed. 1/22/83 LAST NM 49/12 4/13
Add Light Fl(2) 10s 11° 48.7′ N 123° 54.5′ E
(9(170)12 Manila; UKHO LL)

★**92033** 5Ed. 8/16/86 NEW EDITION 37/87
Add Depths
14 fathoms 9° 31.8′ N 118° 04.5′ E
10 fathoms 9° 29.4′ N 118° 00.6′ E
12 fathoms 9° 30.9′ N 117° 55.1′ E
9 fathoms 9° 26.1′ N 117° 58.6′ E
10 fathoms 9° 28.3′ N 117° 55.4′ E
14 fathoms 9° 26.5′ N 117° 57.3′ E
14 fathoms 9° 26.9′ N 117° 57.7′ E
(Previously published 49/86)

Add Depth 2 3/4 fathoms (PD) 10° 24.2′ N 119° 55.5′ E
(Previously published 20/87)

Add Depths
14 1/2 fathoms 9° 28.4′ N 118° 08.3′ E
8 3/4 fathoms 9° 28.4′ N 118° 09.1′ E
5 3/4 fathoms 9° 27.8′ N 118° 09.8′ E
3 3/4 fathoms 9° 26.7′ N 118° 10.2′ E
14 1/2 fathoms 9° 27.7′ N 118° 09.0′ E
7 1/2 fathoms 9° 26.8′ N 118° 07.8′ E
1 1/4 fathoms 9° 24.7′ N 118° 08.6′ E
(Previously published 27/87)
(DMAHTC)

92033 5Ed. 8/16/86 LAST NM 37/87 19/89
Delete Legend "Continued on 92035" 8° 15.3′ N 118° 13.6′ E
(DMAHTC)

92033 5Ed. 8/16/86 LAST NM 19/89 20/91
Change Light to Fl 5s 15M 10° 29.7′ N 119° 59.6′ E
Visibility (range) of light to 15M 8° 46.2′ N 117° 50.2′ E
(6(437, 438)91 Taunton)

92033 5Ed. 8/16/86 LAST NM 20/91 29/92
Add Light Fl 5s 9° 21.5′ N 118° 32.2′ E
(4(5)92 Manila)

92033 5Ed. 8/16/86 LAST NM 29/92 6/93
Change Visibility (range) of light to 10M 9° 43.4′ N 118° 45.9′ E
(22(60)90 Manila)

92033 5Ed. 8/16/86 LAST NM 6/93 10/93
Add Superbuoy TANKER with light flare symbol and legend "Storage vessel"
11° 49.0′ N 119° 07.0′ E
(11(18)92 Manila; BA LL)

92033 5Ed. 8/16/86 LAST NM 10/93 26/93
Add Purple composite-line greater arc of a circle, radius 5 miles,
centered 11° 49.0′ N 119° 07.0′ E
arc between 11° 53.0′ N 119° 04.0′ E
11° 53.0′ N 119° 09.8′ E

Legend "Entry Restricted" 11° 50.5′ N 119° 06.0′ E
(See 10/93-92033)
(18(1525)93 Taunton)

92033 5Ed. 8/16/86 LAST NM 26/93 24/95
Add Depth 310 fathoms 8° 22.0′ N 119° 31.8′ E
(15(1279)95 Taunton)

92033 5Ed. 8/16/86 LAST NM 24/95 33/95
Add Dotted-line circle "Well" 11° 39.2′ N 118° 54.0′ E
11° 38.9′ N 118° 54.6′ E
11° 38.4′ N 118° 53.8′ E
11° 37.4′ N 118° 52.6′ E
11° 34.4′ N 118° 53.1′ E
11° 26.7′ N 118° 49.7′ E
(6(28)95 Manila)

92033 5Ed. 8/16/86 LAST NM 33/95 45/95
Delete Depth
990 fathoms 9° 04.3′ N 119° 40.0′ E
526 fathoms 9° 04.8′ N 119° 43.0′ E

Add Depth
150 fathoms 9° 04.8′ N 119° 42.6′ E
299 fathoms 9° 08.2′ N 119° 50.3′ E
(38(3142)95 Taunton)

92033 5Ed. 8/16/86 LAST NM 45/95 47/95
Add Purple dashed line with legend "DANGEROUS GROUND" joining
11° 53.0′ N 117° 50.0′ E
10° 25.0′ N 117° 50.0′ E
9° 26.0′ N 117° 01.0′ E
(BA CH 2660B)

92033 5Ed. 8/16/86 LAST NM 47/95 23/96
Change Visibility (range) of light to 15M 8° 44.0′ N 119° 48.7′ E

Add Light Fl(2) 5s 11° 38.0′ N 119° 58.1′ E
(1(3)96 Manila; SMEA026/96)

92033 5Ed. 8/16/86 LAST NM 23/96 24/96
Change Light to Fl(3) 5s 16M 9° 43.4′ N 118° 45.9′ E
(15(1294)96 Taunton)

92033 5Ed. 8/16/86 LAST NM 24/96 9/97
Add Light Fl 10s 10° 01.7′ N 119° 08.7′ E
(GIMM010/07; BA LL)

92033 5Ed. 8/16/86 LAST NM 9/97 10/97
Change Period of light to 15s 9° 43.4′ N 118° 45.9′ E
(See 24/96-92033)
(GIMM010/97)

92033 5Ed. 8/16/86 LAST NM 10/97 14/97
Change Characteristic of light to Fl(3) 10s 8° 44.0′ N 119° 48.7′ E
(GIMM010/97)

92033 5Ed. 8/16/86 LAST NM 14/97 1/98
Add Depth
6 fathoms 8° 45.4′ N 117° 06.0′ E
5 fathoms 8° 45.0′ N 117° 05.7′ E
(6(49)97 Manila)

92033 5Ed. 8/16/86 LAST NM 1/98 37/99
Change Characteristic of light to Fl 5s 8° 44.0′ N 119° 48.9′ E
(3(Sec IV)98 Manila)

92033 5Ed. 8/16/86 LAST NM 37/99 48/99
Change Characteristic of light to Fl 5s 11° 38.0′ N 119° 58.1′ E
Characteristic of light to Fl(2) 10s 8° 44.0′ N 119° 48.7′ E

Add Light Fl(2) 15s 10° 30.6′ N 119° 04.3′ E
(12(Sect IV)98 Manila)

92033 5Ed. 8/16/86 LAST NM 48/99 14/00
Add Light Fl 5s 9M 10° 19.1′ N 119° 21.0′ E
Light Fl 3s 17M 10° 09.4′ N 118° 45.8′ E
Light Fl R 5s 9° 14.8′ N 118° 24.4′ E
(7(38-40)99 Manila)

92033 5Ed. 8/16/86 LAST NM 14/00 18/00
Change Characteristic of light to Fl(2) 10s 11° 38.0′ N 119° 58.1′ E
(10(Sect IV)99 Manila)

92033 5Ed. 8/16/86 LAST NM 18/00 38/00
Add Light Fl 5s 9M 9° 15.3′ N 117° 59.6′ E
(7(Sec IV)99 Manila)

92033 5Ed. 8/16/86 LAST NM 38/00 42/00
Add Platform with light flare symbol [L10]
11° 30.8′ N 119° 07.3′ E

Light flare symbol to platform 11° 48.5′ N 119° 15.7′ E
(3(6)99 Manila; 31(3136)00 Taunton)

92033 5Ed. 8/16/86 LAST NM 42/00 44/00
Change Visibility (range) of light to 15M 9° 43.4′ N 118° 46.0′ E

Add "Malampaya Gas Field-CAUTION NO 3" area
[N2.1] bound by purple composite line joining
11° 39.9′ N 118° 51.5′ E
11° 33.7′ N 118° 51.5′ E
11° 29.4′ N 119° 08.5′ E
11° 32.0′ N 119° 08.5′ E
11° 34.6′ N 119° 04.0′ E
11° 39.5′ N 118° 57.8′ E

Caution No. 3 to CAUTIONS note
"3. All vessels are advised to avoid Malampaya
Gas Field." 11° 10.0′ N 119° 10.0′ E
(49(4485)98 Taunton; 3(Sec IV)00 Manila)

92033 5Ed. 8/16/86 LAST NM 44/00 20/01
Add Submarine pipeline (gas) [L40.1] joining
11° 38.6′ N 118° 54.3′ E
11° 38.4′ N 118° 56.6′ E
11° 37.0′ N 118° 59.3′ E
11° 31.8′ N 119° 06.1′ E
11° 31.4′ N 119° 07.0′ E
11° 30.9′ N 119° 07.3′ E

Submarine pipeline (gas) [L40.1] joining
11° 30.9′ N 119° 07.3′ E
11° 31.4′ N 119° 07.1′ E
11° 31.9′ N 119° 06.5′ E

Superbuoy CALM [L16] 11° 31.9′ N 119° 06.5′ E

Depth 15 fathoms "Rep (2000)" [I3.2] (PA)
11° 26.0′ N 119° 10.2′ E
(5(526)01 Taunton; NTM0019/2001)

92033 5Ed. 8/16/86 LAST NM 20/01 24/01
Add Submarine pipeline (gas) [L40.1] joining
11° 30.8′ N 119° 07.4′ E
11° 30.0′ N 119° 09.0′ E
11° 29.2′ N 119° 09.6′ E
11° 29.0′ N 119° 10.2′ E
11° 29.6′ N 119° 13.5′ E
11° 34.3′ N 119° 24.2′ E
11° 38.2′ N 119° 37.7′ E
11° 40.1′ N 119° 42.7′ E
11° 40.4′ N 119° 46.1′ E
11° 37.9′ N 119° 56.3′ E
11° 36.3′ N 120° 00.1′ E
11° 34.5′ N 120° 03.0′ E

Buoy Y, conical, Fl 7s 11° 22.8′ N 119° 26.9′ E
Buoy Y, conical, Fl 7s 11° 23.1′ N 119° 24.6′ E
Buoy Y, conical, Fl 7s 11° 17.5′ N 119° 20.4′ E
Buoy Y, conical, Fl 7s 11° 15.4′ N 119° 16.8′ E
Buoy Y, conical, Fl 7s 11° 14.1′ N 119° 12.6′ E
Buoy Y, conical, Fl 7s 11° 06.8′ N 119° 11.9′ E
Buoy Y, conical, Fl 7s 11° 04.5′ N 119° 14.1′ E
Buoy Y, conical, Fl 7s 11° 02.2′ N 119° 12.4′ E
(3(6)01 Manila; NTM0019/2001)

92033 5Ed. 8/16/86 LAST NM 24/01 28/01
Change Period of light to 5s 9° 43.4′ N 118° 46.0′ E
(See 44/00-92033)
(3(16)01 Manila)

92033 5Ed. 8/16/86 LAST NM 28/01 37/01
Add Depth 7 fathoms "Rep (2001)", blue tint and
enclosing depth contour (10-fathom)
10° 08.1′ N 118° 19.2′ E
(6(58)01 Manila)

92033 5Ed. 8/16/86 LAST NM 37/01 45/01
Change Light to Fl(2) 10s 10° 01.7′ N 119° 08.7′ E
Period of light to 6s 10° 30.6′ N 119° 04.3′ E
(BA LL)

92033 5Ed. 8/16/86 LAST NM 45/01 52/01
Delete Purple composite line joining 11° 39.9′ N 118° 51.5′ E
11° 39.5′ N 118° 57.8′ E
11° 34.6′ N 119° 04.0′ E

Change Caution No. 3 of CAUTIONS note to
"3. Anchoring, fishing, trawling and other
subsea activities are prohibited within this area
and within 500 meters of the pipeline outside
the area." 11° 15.0′ N 119° 10.0′ E

Add Danger circle "Well" [L21.1] 11° 39.7′ N 118° 55.1′ E

Purple composite line joining 11° 39.9′ N 118° 51.5′ E
11° 40.9′ N 118° 51.5′ E
11° 40.5′ N 118° 57.8′ E
11° 34.6′ N 119° 04.0′ E
(7(78), 8(90, 91)01 Manila)

92033 5Ed. 8/16/86 LAST NM 52/01 45/02
Add Danger circle [K1] 11° 48.0′ N 117° 50.0′ E
(36(3833)02 Taunton)

92033 5Ed. 8/16/86 LAST NM 45/02 36/04
Add Depth 2¾ fathoms "Rep (2003)" (PA), blue tint
and enclosing depth contour (10-fathom)
centered 10° 24.5′ N 119° 56.6′ E
(BA CH 3809)

92033 5Ed. 8/16/86 LAST NM 36/04 49/05
Change Light to Fl R 5s 10° 01.7′ N 119° 08.5′ E

Add Light Fl 5s 11° 21.8′ N 119° 24.6′ E
(9(180)02 Manila; BA LL)

92033 5Ed. 8/16/86 LAST NM 49/05 4/06
Add Depth 3 fathoms "Rep" [I4] (PA) 10° 24.8′ N 119° 56.6′ E
(8(117)03 Manila)

92033 5Ed. 8/16/86 LAST NM 4/06 14/06
Add Light Fl 5s 8° 58.0′ N 118° 02.6′ E
(5(112)02 Manila)

92033 5Ed. 8/16/86 LAST NM 14/06 47/06
Change Light to Fl(2) 5s 11° 38.1′ N 119° 58.1′ E
(8(177)02 Manila)

92033 5Ed. 8/16/86 LAST NM 47/06 14/07
Substitute Depth 85 fathoms enclosed by depth contour
(100 fathom) for 290 fathoms 11° 32.3′ N 118° 55.1′ E

Depth 141 fathoms for 330 fathoms
11° 18.1′ N 118° 44.2′ E

Change Characteristic of light to Fl 5s 8° 44.0′ N 119° 49.0′ E

Add Depth 424 fathoms 11° 40.1′ N 118° 19.0′ E
(6(72), 7(92)03 Manila)

92033 5Ed. 8/16/86 LAST NM 14/07 10/10
Change Period of light to 3s 11° 38.1′ N 119° 58.1′ E
Light to Fl 3s 16M 10° 29.7′ N 119° 59.6′ E
(9(187, 188)09 Manila; UKHO LL)

92033 5Ed. 8/16/86 LAST NM 10/10 13/10
Add Depth 25 fathoms enclosed by dotted-line
circle 10° 12.8′ N 117° 25.8′ E
(2(75)10 Tianjin)

★**92033** 5Ed. 8/16/86 LAST NM 13/10 32/10
Add Depth 184 fathoms 10° 45.0′ N 118° 02.0′ E
Depth 312 fathoms 10° 59.0′ N 117° 53.1′ E
Depth 165 fathoms 11° 19.0′ N 118° 29.8′ E
Depth 152 fathoms 10° 23.1′ N 118° 32.3′ E
(NTM0001/2010)

92033 5Ed. 8/16/86 LAST NM 32/10 38/10
Delete Depth 3 1/2 fathoms, blue tint, enclosing dotted-line circle and legend "Carnatic Shoal" in vicinity 10° 06.3′ N 117° 20.8′ E

Dotted-line area, blue tint and legend "Lord Auckland Shoal" in vicinity 10° 19.8′ N 117° 16.8′ E

Depth 8 fathoms 10° 20.4′ N 117° 16.0′ E
Depth 30 fathoms 10° 19.1′ N 117° 16.9′ E

Depth 100 fathoms (no bottom found) 10° 17.3′ N 117° 19.7′ E

Depth 9 fathoms, blue tint, enclosing depth contour (10-fathom) and legend "Fairie Queen" in vicinity 10° 38.0′ N 117° 38.0′ E

Dangerous submerged rock and legend "Sandy Shoal" in vicinity 11° 02.0′ N 117° 38.0′ E

Depth 25 fathoms and enclosing dotted-line circle centered 10° 12.8′ N 117° 25.8′ E
(Supersedes 13/10-92033)
(NTM0001/2010)

92033 5Ed. 8/16/86 LAST NM 38/10 11/11
Change Characteristic of light to Fl(3) 15s 10° 09.4′ N 118° 45.8′ E

Add Depth 528 fathoms "Rep (2011)" [I4] 8° 22.5′ N 119° 26.0′ E
(NTM0008/2011; UKHO ARCS 2914-2)

92033 5Ed. 8/16/86 LAST NM 11/11 13/11
Delete Depth 2 3/4 fathoms "Rep (2003)" (PA), blue tint and enclosing depth contour centered 10° 24.5′ N 119° 56.6′ E

Add Depth 1 3/4 fathoms Rk [K14.2] 10° 24.9′ N 119° 56.4′ E
(6(125)06 Manila)

92033 5Ed. 8/16/86 LAST NM 13/11 14/11
Change Characteristic of light to Fl 5s 8° 46.2′ N 117° 50.2′ E
(4(62)06 Manila)

92033 5Ed. 8/16/86 LAST NM 14/11 24/11
Add Dangerous submerged rock [K13] "Rep (2005)" 8° 54.2′ N 119° 55.2′ E
(12(278)05 Manila; UKHO ARCS 3811-0)

92033 5Ed. 8/16/86 LAST NM 24/11 47/11
Add Buoy (mooring) [Q40] 11° 06.0′ N 118° 52.7′ E
(4(90)10 Manila)

92033 5Ed. 8/16/86 LAST NM 47/11 48/11
Add Light Fl 5s 9m 9M 10° 49.7′ N 119° 30.6′ E
(7(113)09 Manila; UKHO LL)

92033 5Ed. 8/16/86 LAST NM 48/11 14/12
Delete Light 9° 15.3′ N 117° 59.6′ E

Add Light Fl 5s 15m 9M 9° 14.4′ N 117° 59.7′ E
(11(231)11 Manila; UKHO LL)

92033 5Ed. 8/16/86 LAST NM 14/12 31/12
Delete Danger circle 11° 48.0′ N 117° 50.0′ E
(NTM0005/2012)

92033 5Ed. 8/16/86 LAST NM 31/12 44/12
Change Period of light to 5s 10° 29.7′ N 119° 59.6′ E
(6(128)12 Manila)

92033 5Ed. 8/16/86 LAST NM 44/12 5/13
Delete Stranded wreck 8° 53.9′ N 120° 01.2′ E
Stranded wreck (PA) 8° 47.7′ N 119° 48.3′ E
Depth 299 fathoms 9° 08.2′ N 119° 50.3′ E
Depth 359 fathoms 8° 54.1′ N 119° 56.5′ E
Depth 188 fathoms 8° 42.0′ N 119° 47.7′ E

Substitute Depth 73 fathoms for 157 fathoms 8° 41.2′ N 119° 46.6′ E

Add Stranded wreck [K24] 8° 52.4′ N 119° 54.7′ E
Depth 137 fathoms 9° 07.7′ N 119° 49.6′ E
Depth 258 fathoms 9° 04.6′ N 119° 52.5′ E
Depth 68 fathoms 8° 42.4′ N 119° 47.9′ E

Marine reserve area [N22] bound by purple composite line joining 8° 58.3′ N 120° 03.0′ E
9° 06.2′ N 119° 48.3′ E
9° 04.9′ N 119° 46.1′ E
8° 43.2′ N 119° 45.7′ E
8° 41.6′ N 119° 50.6′ E
8° 53.1′ N 120° 03.0′ E
Note: Area extends beyond chart border

Legend "CAUTION NO 4" between 8° 51.5′ N 119° 39.0′ E
8° 51.5′ N 119° 44.0′ E

Caution No. 4 to CAUTIONS note
"4. Reefs reported to extend 1.5 miles seaward (2005)." 11° 07.0′ N 117° 10.0′ E
(UKHO ARCS 967-0)

★**92033** 5Ed. 8/16/86 LAST NM 5/13 14/13
Relocate Light from 8° 44.0′ N 119° 49.0′ E to 8° 44.9′ N 119° 49.2′ E
(NTM0009/2013)

★**92040** 2Ed. 1/29/83 NEW EDITION 14/83
(DMAHTC)

92040 2Ed. 1/29/83 LAST NM 14/83 10/85
Add Light Fl(5) R 10s 12° 35′ 30″N 125° 00′ 00″E
(10(13)84 Manila)

92040 2Ed. 1/29/83 LAST NM 10/85 45/88
Add Note in upper left margin of chart "Cancellation of Loran-C Rate 9970-Z. Loran-C Station 9970-Z on Yap was moved to Guam. Lines of position for 9970-Z drawn on this chart are no longer valid and should not be used."
(MCNM8161/88)

92040 2Ed. 1/29/83 LAST NM 45/88 8/90
Change Period of light to 6s 12° 39.6′ N 125° 03.5′ E
(49(1735)89 Tokyo)

92040 2Ed. 1/29/83 LAST NM 8/90 30/91
Change Light to Fl 5s 12° 35.5′ N 125° 00.0′ E
(6(21)91 Manila)

92040 2Ed. 1/29/83 LAST NM 30/91 43/91
Change Light to Fl R 10s 313ft 25M 12° 39.6′ N 125° 03.5′ E
(20(1457)91 Taunton)

92040 2Ed. 1/29/83 LAST NM 43/91 34/93
Delete All reference to Loran-C rate 9970-Z
Note: Station permanently discontinued
(MCC1267/93)

92040 2Ed. 1/29/83 LAST NM 34/93 44/95
Add Light Fl(2) 10s 12° 24′ 24″N 125° 20′ 06″E
(7(36)95 Manila)

92040 2Ed. 1/29/83 LAST NM 44/95 46/95
(And Plan)
Add Light Iso R 4s 12° 17′ 30″N 125° 23′ 55″E
(8(42)95 Manila)

92040 2Ed. 1/29/83 LAST NM 46/95 40/01
Change Light to Fl 10s 313ft 20M 12° 39′ 36″N 125° 03′ 30″E and delete legend "Rep exting temp (Feb. 1981)"
(BA LL)

92040 2Ed. 1/29/83 LAST NM 40/01 10/08
Change Visibility (range) of light to 5M 12° 31′ 00″N 124° 39′ 18″E
(BA LL)

92040 2Ed. 1/29/83 LAST NM 10/08 2/11
Change Characteristic of light to Fl R 5s
12° 17′ 30″N 125° 23′ 55″E

(Plan)
Change Characteristic of light to Fl R 5s
12° 17′ 30.0″N 125° 23′ 55.0″E
(UKHO LL)

92040 2Ed. 1/29/83 LAST NM 2/11 31/11
Add Light Fl R 5s 6M 12° 34′ 12″N 125° 00′ 18″E
(11(216)06 Manila; UKHO ARCS 1622-6)

★**92050** 2Ed. 10/26/13 NEW EDITION N8/14
(NGA)

★**92060** 3Ed. 6/13/98 NEW EDITION 37/98
Delete Buoyage note 11° 15.8′ N 125° 47.0′ E

Change Period of light to 10s 11° 15.5′ N 125° 04.6′ E
Light to Fl(2) R 3s 10m 7M 10° 44.6′ N 125° 00.9′ E
Visibility (range) of light to 12M 11° 04.1′ N 125° 02.4′ E

Caution note to "CAUTION
Differences in latitude and longitude
may exist between this and other charts
of the area; therefore, the transfer of
positions from one chart to another
should be done by bearings and distances
from common features." 10° 44.8′ N 125° 47.8′ E
(NIMA; BA LL; Phil LL)

92060 3Ed. 6/13/98 LAST NM 37/98 36/00
Change Characteristic of light to Fl(3) R 15s
11° 15′ 05″N 125° 00′ 19″E
(7(Sec IV)99 Manila)

92060 3Ed. 6/13/98 LAST NM 36/00 38/00
Change Light to Fl 5s 23m 23M 10° 44′ 43″N 125° 00′ 48″E
(7(Sec IV)99 Manila)

92060 3Ed. 6/13/98 LAST NM 38/00 40/01
Change Period of light to 4s 11° 04′ 22″N 125° 09′ 15″E
(7(74)01 Manila)

92060 3Ed. 6/13/98 LAST NM 40/01 47/01
Change Visibility (range) of light to 9M
10° 44′ 43″N 125° 00′ 48″E
(BA LL)

92060 3Ed. 6/13/98 LAST NM 47/01 21/02
Change Visibility (range) of light to 12M
11° 15′ 30″N 125° 04′ 36″E
(BA LL)

92060 3Ed. 6/13/98 LAST NM 21/02 26/11
Change Light to Fl 5s 7M 11° 01′ 55″N 125° 43′ 25″E
(8(157)05 Manila; UKHO LL)

92060 3Ed. 6/13/98 LAST NM 26/11 27/11
Change Characteristic of light to Fl R 5s
11° 15′ 05″N 125° 00′ 19″E
(4(88)06 Manila)

92060 3Ed. 6/13/98 LAST NM 27/11 42/11
Change Visibility (range) of light to 24M
10° 44′ 43″N 125° 00′ 48″E
(7(79)09 Manila; UKHO LL)

★**92061** 4Ed. 11/16/13 NEW EDITION N8/14
(NGA)

★**92070** 3Ed. 8/22/98 NEW EDITION 50/98
Delete Stranded wreck 11° 17.7′ N 124° 58.4′ E
11° 16.5′ N 124° 58.7′ E
11° 15.4′ N 124° 58.8′ E

Dangerous wreck 11° 15.4′ N 124° 59.8′ E
(NIMA; 3(24)98 Manila)

92070 3Ed. 8/22/98 LAST NM 50/98 17/00
Add Overhead power cable [D26] between
11° 23′ 33″N 124° 58′ 41″E
11° 23′ 36″N 124° 59′ 04″E

Overhead power cable [D26] joining
11° 23′ 18″N 124° 58′ 36″E
11° 23′ 14″N 124° 59′ 06″E
11° 23′ 11″N 124° 59′ 24″E
(3(7), 12(60)99 Manila)

92070 3Ed. 8/22/98 LAST NM 17/00 36/00
Change Characteristic of light to Fl(3) R 15s
11° 15′ 05″N 125° 00′ 19″E
(7(Sec IV)99 Manila)

92070 3Ed. 8/22/98 LAST NM 36/00 38/00
Change Characteristic of light to Fl G 5s
11° 18′ 09″N 124° 41′ 10″E
(7(Sec IV)99 Manila)

92070 3Ed. 8/22/98 LAST NM 38/00 39/00
Change Light to Fl 5s 20m 9M 11° 26′ 08″N 124° 51′ 14″E
(6(34)99 Manila)

92070 3Ed. 8/22/98 LAST NM 39/00 40/00
Add Danger circle "Obstn" [K40] 11° 25′ 10″N 124° 58′ 50″E
(7(Sec IV)99 Manila)

92070 3Ed. 8/22/98 LAST NM 40/00 41/01
Change Visibility (range) of light to 12M
11° 58′ 51″N 124° 41′ 30″E
Characteristic of light to Fl R 5s
12° 04′ 00″N 124° 35′ 36″E
(BA LL)

92070 3Ed. 8/22/98 LAST NM 41/01 43/01
Change Visibility (range) of light to 10M
11° 39′ 48″N 124° 58′ 25″E
Visibility (range) of light to 10M
11° 46′ 44″N 124° 52′ 45″E

(Plan)
Change Visibility (range) of light to 10M
11° 46′ 44.5″N 124° 52′ 44.8″E
(BA LL)

92070 3Ed. 8/22/98 LAST NM 43/01 47/01
Change Height of light to 32m 11° 26′ 08″N 124° 51′ 14″E
Light to Fl G 9m 2M 11° 18′ 09″N 124° 41′ 10″E
(7(Sec IV)99 Manila; BA LL)

92070 3Ed. 8/22/98 LAST NM 47/01 51/05
Change Characteristic of light to Fl 4s 11° 27′ 22″N 124° 28′ 41″E
(BA LL)

92070 3Ed. 8/22/98 LAST NM 51/05 52/06
Add Position circle "Tr" 11° 32′ 13″N 124° 50′ 24″E
Position circle "Tr" 11° 32′ 19″N 124° 50′ 23″E
Position circle "Tr" 11° 32′ 40″N 124° 50′ 14″E
Position circle "Tr" 11° 32′ 46″N 124° 50′ 12″E
(10(212)02 Manila)

92070 3Ed. 8/22/98 LAST NM 52/06 27/11
Change Characteristic of light to Fl R 5s
11° 15′ 05″N 125° 00′ 19″E
(4(88)06 Manila)

★**92080** 3Ed. 2/1/97 NEW EDITION 13/97
(NIMA)

92080 3Ed. 2/1/97 LAST NM 13/97 14/97
Add Light Fl(4) 12s 10° 26′ 26″N 125° 36′ 48″E
(GIMM010/97)

92080 3Ed. 2/1/97 LAST NM 14/97 52/97
Add Light Fl 5s 10° 15′ 56″N 125° 10′ 35″E
(GIMM066/97)

92080 3Ed. 2/1/97 LAST NM 52/97 29/98
Add Light Fl R 5s 10° 21′ 39″N 125° 34′ 47″E
(GIMM066/97)

★92080 3Ed. 2/1/97 LAST NM 29/98 2/99
(Plan)
Add Double solid line with land tint
(bridge) and legend "(13.7)" between
10° 09′ 48.1″N 125° 07′ 48.0″E
10° 09′ 42.9″N 125° 07′ 48.0″E
(GIMM067/98)

92080 3Ed. 2/1/97 LAST NM 2/99 7/99
(And Plan)
Change Light to Fl R 5s 10m 7M 10° 09′ 36″N 125° 07′ 04″E
(BA LL)

92080 3Ed. 2/1/97 LAST NM 7/99 17/00
Change Characteristic of light to Fl 5s 10° 22′ 56″N 124° 58′ 42″E
(3(Sect IV)99 Manila; BA LL)

92080 3Ed. 2/1/97 LAST NM 17/00 49/05
Add Light Fl 7s 36m 10M 10° 03′ 54″N 125° 08′ 35″E
Light Fl 5s 61m 10M 10° 28′ 24″N 125° 13′ 35″E
Light Fl 5s 211m 10M 10° 07′ 29″N 125° 12′ 55″E
(9(185-187)02 Manila)

92080 3Ed. 2/1/97 LAST NM 49/05 51/05
Add Light Fl 7s 18m 10M 10° 10′ 10″N 125° 27′ 49″E
Light Fl 10s 14m 10M 10° 27′ 32″N 125° 28′ 00″E
(9(192, 193)02 Manila)

92080 3Ed. 2/1/97 LAST NM 51/05 48/06
Change Light to FR 10° 21′ 45″N 125° 34′ 42″E
(10(203)02 Manila; BA LL)

92080 3Ed. 2/1/97 LAST NM 48/06 50/07
Add Legend "Local Magnetic Anomaly Rep
(2000)" 10° 29′ 00″N 125° 23′ 00″E
(21(2109)00 Taunton)

92080 3Ed. 2/1/97 LAST NM 50/07 5/11
Add Light Fl R 5s 7M 10° 16′ 42″N 125° 08′ 16″E
(UKHO ARCS 4474-0)

92080 3Ed. 2/1/97 LAST NM 5/11 34/11
Change Characteristic of light to Fl R 5s
10° 21′ 45″N 125° 34′ 42″E
(4(120)08 Manila)

92080 3Ed. 2/1/97 LAST NM 34/11 35/11
Change Characteristic of light to Fl 5s 10° 15′ 17″N 125° 14′ 54″E
(10(241)08 Manila)

92080 3Ed. 2/1/97 LAST NM 35/11 41/11
Change Height of light to 10m 10° 10′ 10″N 125° 27′ 49″E
(UKHO LL)

★92090 2Ed. 12/12/98 NEW EDITION 16/99
(NIMA)

92090 2Ed. 12/12/98 LAST NM 16/99 14/00
Add Light Fl(3) 15s 5m 9M 10° 15′ 38″N 124° 39′ 17″E
Light Fl 5s 5m 17M 10° 14′ 38″N 124° 42′ 14″E
(7(36, 37)99 Manila)

92090 2Ed. 12/12/98 LAST NM 14/00 34/00
Add Light Fl R 3s 10M 10° 09′ 02″N 124° 19′ 38″E
(2(Sec IV)99 Manila; BA LL)

92090 2Ed. 12/12/98 LAST NM 34/00 38/00
Change Light to Fl 5s 24m 9M 10° 14′ 56″N 124° 45′ 05″E
Light to Fl 5s 9m 9M 10° 40′ 27″N 124° 48′ 01″E
Light to Fl 5s 12m 9M 11° 00′ 17″N 124° 36′ 28″E
(5(15), 7(Sec IV)99 Manila)

92090 2Ed. 12/12/98 LAST NM 38/00 7/01
Add Light Fl 10s 10° 16′ 21″N 124° 21′ 46″E
(7(31)00 Manila)

92090 2Ed. 12/12/98 LAST NM 7/01 32/01
Change Light to Fl 10s 12m 10M 10° 54′ 55″N 124° 41′ 41″E
(4(21)01 Manila)

92090 2Ed. 12/12/98 LAST NM 32/01 41/01
Change Visibility (range) of light to 10M
10° 26′ 12″N 124° 43′ 35″E
Characteristic of light to FR 10° 55′ 30″N 124° 26′ 06″E
(BA LL)

92090 2Ed. 12/12/98 LAST NM 41/01 48/01
Change Characteristic of light to Fl G 3s
10° 09′ 02″N 124° 19′ 38″E
Height of light to 13m 10° 40′ 27″N 124° 48′ 01″E
Height of light to 11m 10° 14′ 38″N 124° 42′ 14″E
(BA LL)

92090 2Ed. 12/12/98 LAST NM 48/01 9/06
Add Light Fl(2) 10s 10° 48′ 18″N 124° 34′ 00″E
Light Fl 7s 10° 37′ 48″N 124° 24′ 40″E
(11(221, 224)02 Manila; BA LL)

92090 2Ed. 12/12/98 LAST NM 9/06 14/06
Delete Light 10° 55′ 30″N 124° 26′ 05″E

Add Light Fl R 5s 10M 10° 54′ 54″N 124° 24′ 52″E
(5(114)02 Manila; BA LL)

92090 2Ed. 12/12/98 LAST NM 14/06 14/07
Change Height of light to 13m 11° 00′ 22″N 124° 36′ 30″E
(BA LL)

92090 2Ed. 12/12/98 LAST NM 14/07 1/11
Change Characteristic of light to Fl R 3s
10° 09′ 02″N 124° 19′ 38″E
(3(79)08 Manila)

92090 2Ed. 12/12/98 LAST NM 1/11 3/11
Change Characteristic of light to Fl(2) 10s
10° 52′ 25″N 124° 30′ 05″E
(UKHO LL)

92090 2Ed. 12/12/98 LAST NM 3/11 10/11
Add Buoy "No 1" Y, conical, Fl Y 3s
10° 09′ 47″N 124° 20′ 47″E
Buoy "No 2", conical, Fl R 5s 10° 11′ 36″N 124° 18′ 23″E
(UKHO ARCS 4474-0)

92090 2Ed. 12/12/98 LAST NM 10/11 37/11
Add Light Fl(2) 10s 10° 36′ 23″N 124° 16′ 34″E
(12(238)09 Manila)

92090 2Ed. 12/12/98 LAST NM 37/11 10/12
Relocate Light from 10° 37′ 48″N 124° 24′ 40″E to
10° 37′ 40″N 124° 24′ 28″E
(1(2)12 Manila)

★92100 3Ed. 3/7/98 NEW EDITION 24/98
(NIMA)

92100 3Ed. 3/7/98 LAST NM 24/98 34/98
Add Submarine cable (power)
joining 10° 08′ 46″N 124° 36′ 57″E
10° 08′ 54″N 124° 37′ 35″E
10° 10′ 40″N 124° 40′ 34″E
10° 09′ 41″N 124° 45′ 30″E

joining 10° 08′ 46″N 124° 36′ 57″E
10° 08′ 46″N 124° 37′ 40″E
10° 10′ 29″N 124° 40′ 36″E
10° 09′ 41″N 124° 45′ 30″E

Legend "(see Note)" 10° 09′ 48″N 124° 40′ 18″E

Note "SUBMARINE CABLES
Anchoring and fishing are prohibited in
the vicinity of submarine cables."
9° 55′ 00″N 124° 17′ 00″E
(12(92)97 Manila)

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92100 3Ed. 3/7/98 LAST NM 34/98 36/98
Add Submarine cable joining 9° 59′ 09″N 124° 55′ 19″E
10° 00′ 57″N 124° 54′ 30″E
10° 03′ 53″N 124° 52′ 33″E
10° 04′ 47″N 124° 52′ 04″E
10° 06′ 21″N 124° 51′ 49″E
10° 06′ 45″N 124° 51′ 53″E
10° 07′ 16″N 124° 52′ 09″E
10° 07′ 38″N 124° 52′ 26″E
10° 07′ 10″N 124° 51′ 45″E
10° 06′ 41″N 124° 51′ 30″E
10° 05′ 21″N 124° 50′ 20″E
10° 04′ 54″N 124° 49′ 04″E
10° 04′ 56″N 124° 47′ 30″E
10° 05′ 26″N 124° 46′ 30″E
10° 05′ 18″N 124° 45′ 51″E
10° 05′ 21″N 124° 45′ 04″E
10° 09′ 56″N 124° 42′ 28″E
10° 14′ 57″N 124° 42′ 46″E
10° 16′ 41″N 124° 42′ 25″E
10° 17′ 01″N 124° 42′ 15″E
10° 18′ 55″N 124° 41′ 55″E
10° 21′ 42″N 124° 40′ 04″E
10° 22′ 01″N 124° 39′ 55″E

Legend
"CHART 92090" 10° 07′ 18″N 124° 50′ 42″E
"(see Note)" 10° 01′ 54″N 124° 53′ 39″E
"(see Note)" 10° 06′ 24″N 124° 44′ 36″E
"(see Note)" 10° 21′ 06″N 124° 40′ 42″E
(NIMA; GIMM027/98)

92100 3Ed. 3/7/98 LAST NM 36/98 40/98
Change Characteristic of light to Fl(2) 4s 9° 35.9′ N 124° 15.7′ E
(GIMM047/98)

92100 3Ed. 3/7/98 LAST NM 40/98 14/00
Add Light Fl(3) 15s 5m 9M 10° 15′ 38″N 124° 39′ 17″E
Light Fl 5s 5m 17M 10° 14′ 38″N 124° 42′ 14″E
(7(36, 37)99 Manila)

92100 3Ed. 3/7/98 LAST NM 14/00 34/00
Change Period of light to 10s 9° 35′ 56″N 124° 15′ 40″E

Add Light Fl R 3s 10M 10° 09′ 02″N 124° 19′ 38″E
(2(Sec IV)99 Manila; BA LL)

92100 3Ed. 3/7/98 LAST NM 34/00 38/00
Change Light to Fl 5s 24m 9M 10° 14′ 56″N 124° 45′ 05″E
Period of light to 6s 9° 45′ 57″N 124° 35′ 35″E
(7(Sec IV), 11(Sec IV)99 Manila)

92100 3Ed. 3/7/98 LAST NM 38/00 7/01
Add Light Fl 10s 10° 16′ 21″N 124° 21′ 46″E
(7(31)00 Manila)

92100 3Ed. 3/7/98 LAST NM 7/01 48/01
Change Period of light to 4s 9° 35′ 56″N 124° 15′ 40″E
Characteristic of light to Fl(3) 8s 9° 45′ 57″N 124° 35′ 35″E
Characteristic of light to Fl G 3s
10° 09′ 02″N 124° 19′ 38″E
Height of light to 11m 10° 14′ 38″N 124° 42′ 14″E
(BA LL)

92100 3Ed. 3/7/98 LAST NM 48/01 1/11
Change Characteristic of light to Fl R 3s
10° 09′ 02″N 124° 19′ 38″E
(3(79)08 Manila)

92100 3Ed. 3/7/98 LAST NM 1/11 10/11
Add Buoy "No 1" Y, conical, Fl Y 3s
10° 09′ 47″N 124° 20′ 47″E
Buoy "No 2", conical, Fl R 5s 10° 11′ 36″N 124° 18′ 23″E
(UKHO ARCS 4474-0)

★**92110** 3Ed. 9/15/90 NEW EDITION 52/90
(DMAHTC)

92110 3Ed. 9/15/90 LAST NM 52/90 33/95
Add Light Fl(3) 15s 9° 54′ 54″N 125° 26′ 33″E
(MCC044/95; BA LL)

92110 3Ed. 9/15/90 LAST NM 33/95 44/95
Add Light Fl(4) 10s 9° 54′ 46″N 125° 16′ 55″E
(7(35)95 Manila)

92110 3Ed. 9/15/90 LAST NM 44/95 24/96
Add Depth
14.9 meters 9° 46′ 44″N 125° 35′ 49″E
29 meters 9° 48′ 12″N 125° 40′ 39″E
11.9 meters 9° 49′ 03″N 125° 33′ 53″E
(16(1362)96 Taunton)

92110 3Ed. 9/15/90 LAST NM 24/96 14/97
Add Light Fl(3) 10s 10° 03′ 35″N 126° 03′ 25″E
(GIMM010/97)

92110 3Ed. 9/15/90 LAST NM 14/97 2/98
Change Period of light to
20s 9° 54.8′ N 125° 16.9′ E
5s 9° 47.1′ N 125° 30.1′ E
(GIMM066/97)

92110 3Ed. 9/15/90 LAST NM 2/98 7/99
Change Light to Fl R 5s 10m 7M 10° 09.5′ N 125° 07.1′ E
(BA LL)

92110 3Ed. 9/15/90 LAST NM 7/99 46/99
Add Light Fl 5s 9° 44′ 42″N 126° 01′ 55″E
(7(26)98 Manila)

92110 3Ed. 9/15/90 LAST NM 46/99 17/00
Change Characteristic of light to Fl 3s 9° 54′ 48″N 125° 16′ 57″E
(10(Sect IV)99 Manila)

92110 3Ed. 9/15/90 LAST NM 17/00 34/00
Add Light Fl 5s 10m 6M 9° 44′ 37″N 126° 02′ 41″E
(2(Sec IV)00 Manila)

92110 3Ed. 9/15/90 LAST NM 34/00 7/01
Change Visibility (range) of light to 11M
9° 47′ 29″N 125° 35′ 04″E
Note: Obscured sector remains

Characteristic of light to Fl 5s 10° 03′ 35″N 126° 03′ 25″E
(7(Sec IV)00 Manila)

92110 3Ed. 9/15/90 LAST NM 7/01 34/01
Change Light to Fl 15s 9° 54′ 54″N 125° 26′ 33″E
(5(44)01 Manila)

92110 3Ed. 9/15/90 LAST NM 34/01 48/01
Change Light to Fl(4) 20s 9° 54′ 48″N 125° 16′ 57″E
(BA LL)

92110 3Ed. 9/15/90 LAST NM 48/01 13/02
Change Light to Fl(3) 15s 9° 54′ 54″N 125° 26′ 33″E
(Supersedes 34/01-92110)
(1(7)02 Manila)

92110 3Ed. 9/15/90 LAST NM 13/02 49/05
Add Light Fl 7s 36m 10M 10° 03′ 54″N 125° 08′ 35″E
Light Fl 5s 211m 10M 10° 07′ 29″N 125° 12′ 55″E
Light Fl 7s 14m 10M 9° 46′ 54″N 125° 44′ 13″E
(9(185, 187, 190)02 Manila)

92110 3Ed. 9/15/90 LAST NM 49/05 51/05
Add Light Fl(2) 9s 11m 10M 9° 48′ 34″N 125° 42′ 57″E
Light Fl 7s 18m 10M 10° 10′ 10″N 125° 27′ 47″E
(9(192)02 Manila; BA LL)

92110 3Ed. 9/15/90 LAST NM 51/05 11/06
Delete Light 10° 03′ 40″N 126° 03′ 20″E

Add Light Fl(2) 10s 10° 03′ 40″N 126° 03′ 56″E
(11(246)02 Manila)

92110 3Ed. 9/15/90 LAST NM 11/06 3/11
Change Visibility (range) of light to 7M 9° 47′ 29″N 125° 35′ 04″E
(UKHO LL)

92110 3Ed. 9/15/90 LAST NM 3/11 7/11
Change Light to Fl 3s 9° 54′ 48″N 125° 16′ 57″E
(UKHO ARCS 4475-0)

92110 3Ed. 9/15/90 LAST NM 7/11 8/11
Change Characteristic of light to Fl 5s 9° 48′ 34″N 125° 42′ 57″E
(UKHO ARCS 4475-0)

92110 3Ed. 9/15/90 LAST NM 8/11 26/11
Add Light Fl 10s 9° 49′ 17″N 125° 26′ 06″E
(3(39)11 Manila)

92110 3Ed. 9/15/90 LAST NM 26/11 32/11
Add Depth 8.9 meters "Rep (2007)" [I4]
9° 59′ 45″N 125° 50′ 43″E
(UKHO ARCS 4475-0)

92110 3Ed. 9/15/90 LAST NM 32/11 41/11
Change Height of light to 10m 10° 10′ 10″N 125° 27′ 47″E
(UKHO LL)

92110 3Ed. 9/15/90 LAST NM 41/11 4/13
Add Submarine cable (power) [L31.1] between
9° 34′ 00″N 125° 55′ 39″E
9° 34′ 19″N 125° 56′ 20″E
(3(27)12 Manila)

★**92115** 1Ed. 7/14/90 NEW CHART 41/90
(DMAHTC)

92115 1Ed. 7/14/90 LAST NM 41/90 46/90
Substitute Depths
3.3 meters for 4.5 meters 9° 52′ 08″N 125° 29′ 54″E
3.6 meters for 4.5 meters 9° 47′ 58″N 125° 32′ 48″E
4.9 meters for 12.8 meters 9° 47′ 43″N 125° 33′ 10″E
12.2 meters for 12.8 meters 9° 49′ 09″N 125° 33′ 59″E
12.8 meters for 14.6 meters 9° 47′ 20″N 125° 35′ 25″E
(11(32)90 Manila)

92115 1Ed. 7/14/90 LAST NM 46/90 46/91
(And Plan)
Add Anchorage symbol (large vessels) 9° 47.0′ N 125° 30.3′ E
(12(43)91 Manila)

92115 1Ed. 7/14/90 LAST NM 46/91 33/95
Add Light Fl(3) 15s 9° 54′ 54″N 125° 26′ 33″E
(MCC044/95; BA LL)

92115 1Ed. 7/14/90 LAST NM 33/95 24/96
Add Depth
14.9 meters 9° 46′ 44″N 125° 35′ 49″E
29 meters 9° 48′ 12″N 125° 40′ 39″E
11.9 meters 9° 49′ 03″N 125° 33′ 53″E
(16(1362)96 Taunton)

92115 1Ed. 7/14/90 LAST NM 24/96 14/97
Add Anchorage symbol (large vessels)
9° 46′ 28″N 125° 30′ 23″E

(And Plan)
Add Anchorage symbol (large vessels)
9° 47′ 10″N 125° 30′ 10″E
9° 47′ 31″N 125° 29′ 58″E
9° 47′ 45″N 125° 30′ 11″E
(11(11)96 Manila)

92115 1Ed. 7/14/90 LAST NM 14/97 2/98
(And Plan)
Change Characteristic of light to Fl(2) R 5s
9° 47′ 01″N 125° 30′ 06″E
(GIMM066/97)

92115 1Ed. 7/14/90 LAST NM 2/98 7/01
Change Visibility (range) of light to 11M
9° 47′ 29.0″N 125° 35′ 04.1″E
Note: Obscured sector remains
(7(Sec IV)00 Manila)

92115 1Ed. 7/14/90 LAST NM 7/01 34/01
Change Light to Fl 15s 9° 54′ 54.0″N 125° 26′ 33.0″E
(5(44)01 Manila)

92115 1Ed. 7/14/90 LAST NM 34/01 13/02
Change Light to Fl(3) 15s 9° 54′ 54.0″N 125° 26′ 33.0″E
(Supersedes 34/01-92115)
(1(7)02 Manila)

92115 1Ed. 7/14/90 LAST NM 13/02 15/02
Delete Dangerous wreck 9° 47′ 03.8″N 125° 30′ 09.5″E

Add Position circle "SPIRE" [E10.3]
9° 47′ 13.6″N 125° 29′ 54.0″E

(Plan)
Delete Dangerous wreck 9° 47′ 03.8″N 125° 30′ 09.5″E

Add Dangerous wreck [K28] 9° 46′ 45.6″N 125° 30′ 00.9″E
Dangerous wreck [K28] 9° 46′ 40.2″N 125° 30′ 01.3″E
Dangerous wreck [K28] 9° 46′ 41.6″N 125° 29′ 54.2″E

Position circle "SPIRE" [E10.3]
9° 47′ 13.6″N 125° 29′ 54.0″E
(11(1072)00 Taunton)

92115 1Ed. 7/14/90 LAST NM 15/02 49/05
Add Light Fl 7s 14m 10M 9° 46′ 54.2″N 125° 44′ 12.8″E
(9(190)02 Manila)

92115 1Ed. 7/14/90 LAST NM 49/05 51/05
Add Light Fl(2) 9s 11m 10M 9° 48′ 34.4″N 125° 42′ 57.4″E
(BA LL)

92115 1Ed. 7/14/90 LAST NM 51/05 3/11
Change Visibility (range) of light to 7M
9° 47′ 29.0″N 125° 35′ 04.1″E

Add Pilot station symbol [T1.2] with legend
"Domestic Vessels" 9° 47′ 42.0″N 125° 30′ 42.0″E
Pilot station symbol [T1.2] with legend
"Foreign Vessels" 9° 51′ 30.0″N 125° 28′ 30.0″E
(UKHO ARCS 4475-0)

92115 1Ed. 7/14/90 LAST NM 3/11 8/11
Change Characteristic of light to Fl 5s
9° 48′ 34.4″N 125° 42′ 57.4″E
(UKHO ARCS 4475-0)

92115 1Ed. 7/14/90 LAST NM 8/11 26/11
Add Light Fl 10s 9° 49′ 17.4″N 125° 26′ 06.2″E
(3(39)11 Manila)

★**92120** 3Ed. 1/5/91 NEW EDITION 12/91
(DMAHTC)

92120 3Ed. 1/5/91 LAST NM 12/91 32/95
Add Light Fl(2) 15s 9° 05′ 09″N 126° 11′ 57″E
(MCC044/95)

92120 3Ed. 1/5/91 LAST NM 32/95 42/95
Change Period of light to 2s 9° 33.7′ N 125° 55.8′ E
(BA LL)

92120 3Ed. 1/5/91 LAST NM 42/95 44/95
Add Light Fl(3) 10s 9° 23′ 24″N 126° 02′ 59″E
(MCC044/95)

92120 3Ed. 1/5/91 LAST NM 44/95 7/99
Change Period of light to 5s 9° 33.7′ N 125° 55.8′ E
(GIMM047/98)

92120 3Ed. 1/5/91 LAST NM 7/99 39/00
Delete Light 9° 33′ 39″N 125° 55′ 48″E

Add Light Fl 5s 9m 9M 9° 33′ 45″N 125° 56′ 02″E
(6(33)99 Manila)

92120 3Ed. 1/5/91 LAST NM 39/00 43/01
Change Height of light to 43m 9° 33′ 45″N 125° 56′ 02″E
(43(4185)00 Taunton)

92120 3Ed. 1/5/91 LAST NM 43/01 5/02
Change Height of light to 11m 9° 18′ 18″N 126° 12′ 20″E
(BA LL)

92120 3Ed. 1/5/91 LAST NM 5/02 14/06
Change Light to Fl(3) 8s 11m 9M 9° 18′ 24″N 126° 12′ 21″E
(5(119)02 Manila; BA LL)

92120 3Ed. 1/5/91 LAST NM 14/06 4/13
Add Submarine cable (power) [L31.1] between
9° 32′ 09″N 125° 51′ 35″E
9° 34′ 19″N 125° 56′ 20″E
(3(27)12 Manila)

★92130 3Ed. 6/23/90 NEW EDITION 35/90
(DMAHTC)

92130 3Ed. 6/23/90 LAST NM 35/90 8/91
Add Light Fl 5s 8° 14′ 39″N 126° 27′ 19″E
(42(3037)90 Taunton)

92130 3Ed. 6/23/90 LAST NM 8/91 20/92
Delete Dangerous wreck "Rep (1979)" 8° 15.4′ N 126° 28.1′ E
(6(422)92 Taunton)

92130 3Ed. 6/23/90 LAST NM 20/92 27/93
Change Light to Fl 10s 11m 7M 8° 52.8′ N 126° 20.5′ E
(3(3)93 Manila)

92130 3Ed. 6/23/90 LAST NM 27/93 4/98
Substitute Light Fl 5s for position circle "Tr"
8° 53′ 35″N 126° 19′ 40″E
(GIMM066/97)

92130 3Ed. 6/23/90 LAST NM 4/98 17/00
Change Light to Fl 5s 11m 9M 8° 52′ 45″N 126° 20′ 30″E
(10(Sect IV)99 Manila)

92130 3Ed. 6/23/90 LAST NM 17/00 47/01
Change Visibility (range) of light to 15M
8° 52′ 45″N 126° 20′ 30″E
(BA LL)

92130 3Ed. 6/23/90 LAST NM 47/01 11/07
Delete Light 8° 14′ 39″N 126° 27′ 19″E

Add Light Fl 5s 15M 8° 14′ 45″N 126° 27′ 15″E
(4(36)03 Manila; BA LL)

★92131 2Ed. 4/7/90 NEW EDITION 29/90
(DMAHTC)

92131 2EdEd. 4/7/90 LAST NM 29/90 8/91
Add Light Fl 5s 8° 14′ 39″N 126° 27′ 19″E
(42(3037)90 Taunton)

92131 2Ed. 4/7/90 LAST NM 8/91 11/07
Delete Light 8° 14′ 39.0″N 126° 27′ 19.0″E

Add Light Fl 5s 15M 8° 14′ 45.0″N 126° 27′ 15.0″E
(4(36)03 Manila; BA LL)

★92140 1Ed. 9/1/51 NEW CHART 40/51
(USHO)

92140 1Ed. 9/1/51 LAST NM 40/51 7/87
Change Note in lower left margin of chart to

"Users should refer corrections, additions, and comments for improving this product to: DIRECTOR, DEFENSE MAPPING AGENCY HYDROGRAPHIC/ TOPOGRAPHIC CENTER, ATTN: PR, Washington, D.C. 20315-0030."
(MCNM7880/87)

92140 1Ed. 9/1/51 LAST NM 7/87 46/95
Add Light Fl(2) 10s 7° 27′ 00″N 126° 35′ 35″E
(8(41)95 Manila)

★92140 1Ed. 9/1/51 LAST NM 46/95 19/11
Add Depth 373 fathoms 7° 08′ 44″N 126° 35′ 33″E
Depth 267 fathoms 7° 34′ 04″N 126° 40′ 07″E
Depth 310 fathoms 7° 49′ 36″N 126° 37′ 13″E
(NTM0016/2011)

92140 1Ed. 9/1/51 LAST NM 19/11 22/11
Add Light Fl 5s 7° 17′ 42″N 126° 36′ 03″E
(1(14)05 Manila)

★92150 3Ed. 12/9/89 NEW EDITION 13/90
(DMAHTC)

92150 3Ed. 12/9/89 LAST NM 13/90 4/91
Change Characteristic of lights to
Fl R 5s 6° 37.6′ N 125° 24.5′ E
Fl 5s 6° 37.9′ N 125° 25.7′ E
(39(2817)90 Taunton)

92150 3Ed. 12/9/89 LAST NM 4/91 49/91
Add Anchorage symbol (large vessels) 6° 35.5′ N 125° 25.5′ E
(16(50)91 Manila)

92150 3Ed. 12/9/89 LAST NM 49/91 7/93
Delete RC (AERO) (PA) 7° 08.0′ N 125° 39.5′ E
(46(3416)92 Taunton)

92150 3Ed. 12/9/89 LAST NM 7/93 35/93
Add Light Fl 10s (PA) 6° 46.41′ N 126° 04.58′ E
(27(2346)93 Taunton)

92150 3Ed. 12/9/89 LAST NM 35/93 11/94
Change Light to
Fl G 5s 10M 7° 04.5′ N 125° 37.5′ E
Fl 5s 15M 6° 54.5′ N 125° 41.4′ E
Note: Obscured sector unchanged

Add Light Fl G 5s 8M 7° 09.3′ N 125° 39.7′ E
(4(346)94 Taunton)

92150 3Ed. 12/9/89 LAST NM 11/94 33/94
Add Light Fl(2) 10s 7° 02′ 47″N 125° 57′ 06″E
(5(7)94 Manila)

92150 3Ed. 12/9/89 LAST NM 33/94 42/94
Add Light Fl(2) G 5s 6° 30′ 00″N 125° 35′ 37″E
(9(14)94 Manila)

92150 3Ed. 12/9/89 LAST NM 42/94 32/95
Change Characteristic of light
to Fl(3) 15s 6° 35.8′ N 125° 24.9′ E

Add Light Fl R 3s 7M 6° 35′ 50″N 125° 24′ 45″E
(5(17)95 Manila; BA LL)

92150 3Ed. 12/9/89 LAST NM 32/95 16/96
Change Light to Fl R 3s 31m 7M 6° 35.8′ N 125° 24.9′ E
(BA LL)

92150 3Ed. 12/9/89 LAST NM 16/96 13/97
Add Anchorage symbol (large vessels)
7° 17′ 02″N 125° 42′ 20″E
7° 10′ 56″N 125° 40′ 05″E
7° 04′ 26″N 125° 38′ 35″E
6° 36′ 11″N 125° 25′ 35″E
(9(21)96 Manila)

92150 3Ed. 12/9/89 LAST NM 13/97 24/97
Add Pilot station symbol 7° 02.0′ N 125° 39.0′ E
(13(1181)97 Taunton)

92150 3Ed. 12/9/89 LAST NM 24/97 4/98
Add Light Fl 5s 6° 37′ 41″N 126° 04′ 05″E
(GIMM066/97)

92150 3Ed. 12/9/89 LAST NM 4/98 35/98
Delete Light 6° 35.8′ N 125° 24.8′ E
6° 35.8′ N 125° 24.7′ E

Change Light to Fl R 5s 6° 36.8′ N 125° 25.6′ E

(continued on next page)

92150 (Continued) 35/98
Add Light
Fl R 3s 31m 7M 6° 35′ 55″N 125° 24′ 44″E
Fl R 3s 7M 6° 35′ 14″N 125° 23′ 59″E
(5(17)95 Manila; BA LL)

92150 3Ed. 12/9/89 LAST NM 35/98 48/99
Change Characteristic of light to Fl(4) 10s
6° 37′ 41″N 126° 04′ 05″E
(12(Sect IV)98 Manila)

92150 3Ed. 12/9/89 LAST NM 48/99 13/00
Change Light to Fl(2) G 4s 6° 29′ 56″N 125° 35′ 35″E
(9(Sect IV)99 Manila)

92150 3Ed. 12/9/89 LAST NM 13/00 18/00
Change Light to Fl(3) 8s 7° 02′ 47″N 125° 57′ 06″E
(10(Sect IV)99 Manila)

92150 3Ed. 12/9/89 LAST NM 18/00 39/00
Change Characteristic of light to Fl R 5s 6° 35′ 55″N 125° 24′ 44″E
(9(Sec IV)99 Manila)

92150 3Ed. 12/9/89 LAST NM 39/00 43/03
Change Characteristic of light to Fl 5s 6° 37′ 41″N 126° 04′ 05″E
(3(60)02 Manila)

92150 3Ed. 12/9/89 LAST NM 43/03 11/06
Add Height 11m to light 7° 04′ 35″N 125° 37′ 30″E
(11(237)02 Manila; BA LL)

92150 3Ed. 12/9/89 LAST NM 11/06 14/06
Change Light to Fl 3s 10M 6° 54′ 29″N 125° 41′ 21″E
(5(108)02 Manila)

92150 3Ed. 12/9/89 LAST NM 14/06 41/06
Delete Light 7° 02′ 47″N 125° 57′ 06″E
Add Light Fl(2) 10s 7° 03′ 00″N 125° 57′ 00″E
(5(118)02 Manila)

92150 3Ed. 12/9/89 LAST NM 41/06 46/06
Change Period of light to 5s 6° 30′ 00″N 125° 35′ 36″E
(6(126)02 Manila)

92150 3Ed. 12/9/89 LAST NM 46/06 40/08
Add Depth 18.7 meters, blue tint and enclosing depth contour (20-meter) centered
7° 00′ 17″N 125° 41′ 04″E
(NTM0005/2008)

92150 3Ed. 12/9/89 LAST NM 40/08 2/11
Change Period of light to 5s 6° 54′ 29″N 125° 41′ 21″E
(UKHO LL)

92150 3Ed. 12/9/89 LAST NM 2/11 16/11
Change Characteristic of light to Fl 5s 6° 35′ 55″N 125° 24′ 44″E
(5(101)05 Manila)

92150 3Ed. 12/9/89 LAST NM 16/11 24/11
Add Submarine cable (power) [L31.1] between
7° 06′ 39″N 125° 39′ 19″E
7° 06′ 30″N 125° 39′ 51″E
(12(277)05 Manila; UKHO ARCS 4494-2)

92150 3Ed. 12/9/89 LAST NM 24/11 30/11
Change Visibility (range) of light to 15M
6° 35′ 55″N 125° 24′ 44″E
(2(27)06 Manila; UKHO LL)

92150 3Ed. 12/9/89 LAST NM 30/11 45/11
Add Light Fl 10s (PA) 6° 21′ 36″N 125° 38′ 20″E
(7(150)11 Manila)

92150 3Ed. 12/9/89 LAST NM 45/11 47/11
Add Light Fl 5s 6° 54′ 18″N 125° 46′ 18″E
(4(55)10 Manila; UKHO ARCS 4494-0)

92150 3Ed. 12/9/89 LAST NM 47/11 14/12
Add Light Fl R 5s 11M 7° 07′ 20″N 125° 39′ 46″E
(11(232)11 Manila; UKHO LL)

★92153 4Ed. 9/29/12 NEW EDITION N10/13
(NGA)

★92160 3Ed. 11/18/89 NEW EDITION 9/90
(DMAHTC)

92160 3Ed. 11/18/89 LAST NM 9/90 22/90
Change Characteristic of light to Fl 5s 6° 16.2′ N 126° 11.6′ E
(8(668)90 Taunton)

92160 3Ed. 11/18/89 LAST NM 22/90 49/90
Add Light Fl R 5s 6° 46′ 51″N 126° 16′ 24″E
(14(38)90 Manila)

92160 3Ed. 11/18/89 LAST NM 49/90 8/91
Change Light to Fl R 5s 11m 7M 6° 57′ 03″N 126° 13′ 06″E
(42(3038)90 Taunton)

92160 3Ed. 11/18/89 LAST NM 8/91 35/93
Add Light Fl 10s (PA) 6° 46.41′ N 126° 04.58′ E
(27(2346)93 Taunton)

92160 3Ed. 11/18/89 LAST NM 35/93 9/97
Add Light Fl 5s 12M 6° 48′ 12″N 126° 20′ 05″E
(GIMM010/97)

92160 3Ed. 11/18/89 LAST NM 9/97 13/97
Add Anchorage symbol (large vessels)
6° 56′ 06″N 126° 13′ 06″E
(9(21)96 Manila)

92160 3Ed. 11/18/89 LAST NM 13/97 4/98
Add Light Fl 5s 6° 37′ 41″N 126° 04′ 05″E
(GIMM066/97)

92160 3Ed. 11/18/89 LAST NM 4/98 48/99
Change Characteristic of light to Fl(4) 10s
6° 37′ 41″N 126° 04′ 05″E
(12(Sect IV)98 Manila)

92160 3Ed. 11/18/89 LAST NM 48/99 34/00
Change Light to Fl 10s 10m 12M 6° 48′ 12″N 126° 20′ 05″E
(2(Sec IV)99 Manila)

92160 3Ed. 11/18/89 LAST NM 34/00 43/03
Change Characteristic of light to Fl 5s 6° 37′ 41″N 126° 04′ 05″E
(3(60)02 Manila)

92160 3Ed. 11/18/89 LAST NM 43/03 7/11
Change Period of light to 5s 6° 48′ 12″N 126° 20′ 05″E
(8(200)08 Manila)

★92170 3Ed. 7/18/98 NEW EDITION 45/98
Change Visibility (range) of light to
12M 6° 48.0′ N 126° 20.3′ E
10M 6° 54.7′ N 125° 41.5′ E
Light to Fl R 5s 6° 36.7′ N 125° 25.7′ E
(NIMA; BA LL)

92170 3Ed. 7/18/98 LAST NM 45/98 48/99
Change Characteristic of light to Fl(4) 10s 6° 37.7′ N 126° 04.2′ E
Characteristic of light to Fl(2) 10s 5° 22.2′ N 125° 21.0′ E
Characteristic of light to Fl(2) 10s 5° 31.0′ N 125° 29.3′ E
(12(Sect IV)98 Manila)

92170 3Ed. 7/18/98 LAST NM 48/99 13/00
Change Light to Fl(2) G 4s 6° 29.9′ N 125° 35.6′ E
Add Light Fl 5s 8m 5M 5° 49.6′ N 125° 12.2′ E
(9(Sect IV), 11(56, Sect IV)99 Manila)

92170 3Ed. 7/18/98 LAST NM 13/00 18/00
Change Light to Fl(3) 8s 7° 02.9′ N 125° 57.1′ E
(10(Sect IV)99 Manila)

92170 3Ed. 7/18/98 LAST NM 18/00 34/00
Change Characteristic of light to Fl 10s 6° 48.0′ N 126° 20.3′ E
(2(Sec IV)99 Manila)

92170 3Ed. 7/18/98 LAST NM 34/00 43/03
Change Characteristic of light to Fl 5s 6° 37.7′ N 126° 04.2′ E
(3(60)02 Manila)

92170 3Ed. 7/18/98 LAST NM 43/03 14/06
Change Light to Fl 3s 10M 6° 54.5′ N 125° 41.5′ E
(5(108)02 Manila)

92170 3Ed. 7/18/98 LAST NM 14/06 41/06
Change Light to Fl(2) 10s 7° 03.0′ N 125° 57.0′ E
(5(118)02 Manila)

92170 3Ed. 7/18/98 LAST NM 41/06 46/06
Change Light to Fl 8s 5° 31.0′ N 125° 29.3′ E
Light to Fl(2) G 5s 6° 29.9′ N 125° 35.6′ E
(6(125, 126)02 Manila; BA LL)

92170 3Ed. 7/18/98 LAST NM 46/06 9/07
(Plan)
Delete Light 6° 05′ 04.0″N 125° 09′ 20.0″E

Add Light Fl G 5s 6° 05′ 50.0″N 125° 09′ 37.0″E
(5(58)03 Manila)

92170 3Ed. 7/18/98 LAST NM 9/07 40/08
Add Depth 18.7 meters, blue tint and enclosing depth contour (20-meter) centered
7° 00′ 17″N 125° 41′ 04″E
(NTM0005/2008)

92170 3Ed. 7/18/98 LAST NM 40/08 2/11
Change Period of light to 5s 6° 54′ 33″N 125° 41′ 28″E
(UKHO LL)

92170 3Ed. 7/18/98 LAST NM 2/11 7/11
Change Period of light to 5s 6° 47′ 57″N 126° 20′ 15″E
(8(200)08 Manila)

92170 3Ed. 7/18/98 LAST NM 7/11 30/11
Change Light to Fl 5s 31m 15M 6° 35′ 45″N 125° 24′ 54″E
(2(27)06 Manila; UKHO LL)

92170 3Ed. 7/18/98 LAST NM 30/11 35/11
Change Visibility (range) of light to 11M
5° 33′ 18″N 125° 19′ 56″E
(UKHO LL)

92170 3Ed. 7/18/98 LAST NM 35/11 45/11
Add Light Fl 10s (PA) 6° 21′ 36″N 125° 38′ 20″E
Light Fl 10s (PA) 5° 55′ 17″N 125° 39′ 38″E
(7(150, 151)11 Manila)

92170 3Ed. 7/18/98 LAST NM 45/11 47/11
Add Light Fl 5s 6° 54′ 18″N 125° 46′ 18″E
(4(55)10 Manila; UKHO ARCS 4494-0)

92170 3Ed. 7/18/98 LAST NM 47/11 11/12
(Plan A)
Delete Light 6° 05′ 50.0″N 125° 09′ 37.0″E

Add Light Fl G 5s 6° 05′ 44.1″N 125° 09′ 36.6″E
(8(184)11 Manila; UKHO LL)

★**92180** 2Ed. 11/29/86 NEW EDITION 7/87
(DMAHTC)

92180 2Ed. 11/29/86 LAST NM 7/87 45/88
Add Note
"Cancellation of Loran-C Rate 9970-Z. Loran-C Station 9970-Z on Yap was moved to Guam. Lines of position for 9970-Z drawn on this chart are no longer valid and should not be used." 6° 43′ N 124° 48′ E
(MCNM8161/88)

92180 2Ed. 11/29/86 LAST NM 45/88 15/91
Add Light Fl G 5s (PA) 6° 33.2′ N 124° 02.9′ E
(25(73)90 Manila)

92180 2Ed. 11/29/86 LAST NM 15/91 34/93
Delete All reference to Loran-C rate 9970-Z
Note: Station permanently discontinued
(MCC1267/93)

92180 2Ed. 11/29/86 LAST NM 34/93 8/94
Change Characteristic of light to Fl 5s 6° 33.2′ N 124° 02.9′ E
(18(26)93 Manila)

92180 2Ed. 11/29/86 LAST NM 8/94 22/95
Add Light Fl(2) 10s 5° 57.5′ N 124° 40.5′ E
(1(1)95 Manila)

92180 2Ed. 11/29/86 LAST NM 22/95 3/96
Change Light to Fl R 5s 10m 7° 15.3′ N 124° 11.8′ E
(MCC044/95)

92180 2Ed. 11/29/86 LAST NM 3/96 8/98
Add Submarine cable with legend "See Note" joining
7° 15.2′ N 124° 12.0′ E
7° 15.4′ N 124° 11.6′ E
7° 15.6′ N 124° 11.1′ E
7° 16.2′ N 124° 10.5′ E
7° 16.6′ N 124° 09.8′ E
7° 17.2′ N 124° 09.5′ E
7° 17.1′ N 124° 08.9′ E
7° 17.4′ N 124° 07.1′ E
7° 16.1′ N 124° 03.9′ E
7° 16.4′ N 124° 03.1′ E
7° 15.9′ N 124° 02.2′ E
7° 15.9′ N 124° 01.4′ E
7° 15.4′ N 123° 59.9′ E
7° 15.6′ N 123° 58.8′ E

Note
"SUBMARINE CABLES
Anchoring and fishing are prohibited in the vicinity of submarine cables." 7° 01.0′ N 124° 48.0′ E
(9(66)97 Manila; GIMM066/97)

92180 2Ed. 11/29/86 LAST NM 8/98 9/06
Relocate Light from 6° 33′ 14″N 124° 02′ 54″E to
6° 33′ 14″N 124° 02′ 13″E
and add visibility (range) 10M

Add Light Fl 7s 7° 08′ 45″N 124° 04′ 00″E
(11(231, 236)02 Manila; BA LL)

92180 2Ed. 11/29/86 LAST NM 9/06 14/06
Change Light to Fl 10s 5° 57′ 30″N 124° 40′ 30″E
(5(117)02 Manila)

92180 2Ed. 11/29/86 LAST NM 14/06 9/07
Add Light Fl G 5s 6° 05′ 50″N 125° 09′ 37″E
(5(58)03 Manila)

92180 2Ed. 11/29/86 LAST NM 9/07 6/11
Add Light Fl 5s 100m 12M 6° 01′ 47″N 124° 30′ 40″E
(UKHO ARCS 2575-0)

92180 2Ed. 11/29/86 LAST NM 6/11 13/11
Change Characteristic of light to Fl(2) 10s
5° 57′ 30″N 124° 40′ 30″E
(6(117)06 Manila)

★**92190** 2Ed. 3/26/77 NEW EDITION 19/77
(DMAHC)

92190 2Ed. 3/26/77 LAST NM 19/77 27/77
Change Light to Gp Fl (3) 10sec 34ft 10M 7° 15.5′ N 124° 11.5′ E
(10(019)77 Manila)

92190 2Ed. 3/26/77 LAST NM 27/77 15/91
Change Light to Fl R 5s 7° 49′ 30″N 123° 26′ 00″E

Add Light Fl R 5s 3M (PA) 7° 21′ 20″N 124° 13′ 12″E
(25(72, 75)90 Manila)

92190 2Ed. 3/26/77 LAST NM 15/91 17/94
Change Light to Fl(2) 5s 6M 7° 34.6′ N 123° 10.0′ E
(4(5)94 Manila)

92190 2Ed. 3/26/77 LAST NM 17/94 26/94
Add Light Fl(2) 5s 7° 47.7′ N 123° 26.0′ E
(20(1648)94 Taunton)

92190 2Ed. 3/26/77 LAST NM 26/94 44/95
Change Light to Fl(2) 5s 12M 7° 47.7′ N 123° 26.0′ E
(MCC044/95)

92190 2Ed. 3/26/77 LAST NM 44/95 3/96
Change Light to Fl R 5s 34ft 7° 15.4′ N 124° 11.5′ E
(MCC044/95)

92190 2Ed. 3/26/77 LAST NM 3/96 10/97
Add Anchorage symbol (large vessels) 7° 21.4′ N 124° 14.0′ E
(8(19)96 Manila)

92190 2Ed. 3/26/77 LAST NM 10/97 5/98
Add Submarine cable with legend "See Note"
joining 7° 50.7′ N 123° 34.8′ E
7° 48.2′ N 123° 34.0′ E
7° 46.6′ N 123° 34.3′ E
7° 45.1′ N 123° 34.6′ E
7° 43.5′ N 123° 34.4′ E
7° 38.7′ N 123° 35.4′ E
7° 36.8′ N 123° 35.1′ E
7° 31.0′ N 123° 34.7′ E
7° 30.0′ N 123° 34.0′ E
7° 16.4′ N 123° 32.1′ E
7° 14.1′ N 123° 29.5′ E
7° 12.9′ N 123° 28.8′ E
7° 12.6′ N 123° 26.8′ E

Note
"SUBMARINE CABLES
Anchoring and fishing are prohibited in
the vicinity of the submarine cable." 7° 35.5′ N 124° 20.0′ E
(9(65)97 Manila)

92190 2Ed. 3/26/77 LAST NM 5/98 8/98
Delete Submarine cable between 7° 50.7′ N 123° 34.8′ E
7° 48.2′ N 123° 34.0′ E

(See 5/98-92190)

Add Submarine cable with legend "See Note"
joining 7° 50.7′ N 123° 34.8′ E
7° 50.4′ N 123° 34.3′ E
7° 48.2′ N 123° 34.0′ E

joining 7° 50.4′ N 123° 34.3′ E
7° 49.6′ N 123° 34.5′ E
7° 47.7′ N 123° 35.7′ E
7° 45.7′ N 123° 35.6′ E
7° 33.0′ N 123° 43.6′ E

joining 7° 15.2′ N 124° 11.9′ E
7° 15.5′ N 124° 11.5′ E
7° 15.6′ N 124° 11.0′ E
7° 16.2′ N 124° 10.5′ E
7° 16.6′ N 124° 09.8′ E
7° 17.2′ N 124° 09.5′ E
7° 17.2′ N 124° 08.8′ E
7° 16.2′ N 124° 03.8′ E
7° 16.4′ N 124° 03.0′ E
7° 15.9′ N 124° 02.1′ E
7° 15.9′ N 124° 01.3′ E
7° 15.5′ N 123° 59.8′ E
7° 15.7′ N 123° 58.7′ E
(9(65, 66)97 Manila; GIMM066/97)

92190 2Ed. 3/26/77 LAST NM 8/98 39/00
Add Light Fl(2) 10s 7° 37.7′ N 123° 02.4′ E
(9(Sec IV)99 Manila)

92190 2Ed. 3/26/77 LAST NM 39/00 9/06
Add Light Fl 7s 7° 08.8′ N 124° 04.0′ E
(11(231)02 Manila; BA LL)

92190 2Ed. 3/26/77 LAST NM 9/06 27/07
Change Visibility (range) of light to 15M 7° 21.4′ N 124° 13.2′ E
(BA LL)

92190 2Ed. 3/26/77 LAST NM 27/07 24/11
Add Light Fl G 5s 10M 7° 48.0′ N 123° 43.0′ E
(12(266)05 Manila; UKHO LL)

92190 2Ed. 3/26/77 LAST NM 24/11 40/11
Add Light Fl 7s 7° 51.0′ N 123° 34.5′ E
(12(273)10 Manila)

★**92200** 3Ed. 2/11/84 NEW EDITION 14/84
(DMAHTC)

92200 3Ed. 2/11/84 LAST NM 14/84 3/91
Change Period of light to 15s 6° 53.1′ N 122° 02.5′ E
(38(2730)90 Taunton)

92200 3Ed. 2/11/84 LAST NM 3/91 27/91
Change Period of light to 5s 6° 54.2′ N 122° 04.4′ E
(BA LL)

92200 3Ed. 2/11/84 LAST NM 27/91 44/95
Add Light Fl(3) 8s 7° 06.5′ N 121° 53.8′ E
(7(34)95 Manila)

92200 3Ed. 2/11/84 LAST NM 44/95 20/96
Add Light
Fl(4) 15s 8° 09.7′ N 122° 39.7′ E
Fl(3) 15s 7° 47.0′ N 122° 41.7′ E
(MCC044/95)

92200 3Ed. 2/11/84 LAST NM 20/96 23/96
Change Period of light to 20s 8° 09.7′ N 122° 39.7′ E
(See 20/96-92200)

Add Light
Q(2) 2s 7° 45.6′ N 122° 06.3′ E
Fl(3) 6s 7° 35.2′ N 122° 08.3′ E
(SMEA026/96; BA LL)

92200 3Ed. 2/11/84 LAST NM 23/96 5/98
Add Wreck "Rep (1991)" (PA) 6° 55.0′ N 121° 57.3′ E

Submarine cable with legend "See Note"
joining 6° 54.8′ N 122° 03.5′ E
6° 54.3′ N 122° 03.3′ E
6° 53.6′ N 122° 04.2′ E
6° 53.4′ N 122° 04.8′ E
6° 51.8′ N 122° 07.4′ E
6° 51.7′ N 122° 10.8′ E
6° 51.2′ N 122° 14.1′ E
6° 50.5′ N 122° 16.0′ E
6° 50.0′ N 122° 19.1′ E

Note
"SUBMARINE CABLES
Anchoring and fishing are prohibited in
the vicinity of the submarine cable." 7° 56.0′ N 122° 25.0′ E
(9(65)97 Manila; GIMM009/98)

92200 3Ed. 2/11/84 LAST NM 5/98 35/00
Add Wreck [K29] 6° 59.2′ N 122° 18.4′ E
(4(Sec IV)99 Manila)

92200 3Ed. 2/11/84 LAST NM 35/00 39/00
Change Characteristic of light to Fl(4) 15s 8° 09.7′ N 122° 39.7′ E

Add Light Fl(2) 10s 7° 37.7′ N 123° 02.4′ E
(9(Sec IV)99 Manila)

92200 3Ed. 2/11/84 LAST NM 39/00 15/01
Add Pilot station symbol [T1.1] 8° 14.0′ N 122° 56.0′ E
(8(34)00 Manila)

92200 3Ed. 2/11/84 LAST NM 15/01 45/01
Change Visibility (range) of light to 20M 6° 53.1′ N 122° 02.5′ E
(BA LL)

92200 3Ed. 2/11/84 LAST NM 45/01 10/02
Change Light to Fl 4s 8° 09.7′ N 122° 39.7′ E
(10(121)01 Manila)

92200 3Ed. 2/11/84 LAST NM 10/02 19/02
Change Characteristic of light to Fl 5s 6° 53.1′ N 122° 02.5′ E
(See 45/01-92200)
(2(20)02 Manila)

92200 3Ed. 2/11/84 LAST NM 19/02 4/06
Add Dangerous wreck [K28] 6° 55.9′ N 121° 59.2′ E
(8(125)03 Manila)

92200 3Ed. 2/11/84 LAST NM 4/06 11/06
Change Period of light to 15s 7° 35.2′ N 122° 08.3′ E
(11(238)02 Manila)

92200 3Ed. 2/11/84 LAST NM 11/06 27/07
Change Characteristic of light to Fl(3) 15s 6° 53.1′ N 122° 02.5′ E
(9(131)03 Manila; BA LL)

92200 3Ed. 2/11/84 LAST NM 27/07 12/11
Add Wreck [K29] 6° 50.9′ N 122° 01.7′ E
Light Fl 7s 36ft 15M 8° 07.0′ N 122° 26.7′ E
(UKHO ARCS 3811-0, 4470-0)

92200 3Ed. 2/11/84 LAST NM 12/11 14/11
Change Period of light to 6s 7° 35.2′ N 122° 08.3′ E
(4(69)06 Manila)

92200 3Ed. 2/11/84 LAST NM 14/11 51/11
Change Characteristic of light to Fl(4) 15s 8° 09.7′ N 122° 39.7′ E

Add Light Fl(2) 10s 7° 57.4′ N 122° 13.5′ E
(7(144, 146)10 Manila; UKHO ARCS 3811-0)

★**92210** 3Ed. 3/30/02 NEW EDITION 18/02
(NIMA)

92210 3Ed. 3/30/02 LAST NM 18/02 19/02
Change Characteristic of light to Fl 5s 6° 53′ 06″N 122° 02′ 30″E
(See 45/01-92210)

Add Visible sector 190° -265° to light
6° 44′ 48″N 121° 59′ 28″E
(2(20)02 Manila; BA LL)

92210 3Ed. 3/30/02 LAST NM 19/02 15/06
Add "QUARANTINE ANCHORAGE" area
[N12.8] bound by purple dashed line joining
6° 53′ 40″N 122° 03′ 43″E
6° 53′ 20″N 122° 03′ 35″E
6° 52′ 56″N 122° 04′ 18″E
6° 53′ 16″N 122° 04′ 33″E
(7(163)02 Manila)

92210 3Ed. 3/30/02 LAST NM 15/06 27/07
Change Characteristic of light to Fl(3) 15s
6° 53′ 09″N 122° 02′ 36″E
(9(131)03 Manila; BA LL)

92210 3Ed. 3/30/02 LAST NM 27/07 16/10
Substitute Depth 8.3 meters for 12.8 meters
6° 26′ 54″N 121° 51′ 15″E
Depth 22.8 meters for 27.4 meters
6° 26′ 00″N 121° 54′ 55″E
Depth 5.5 meters for 6.8 meters 6° 25′ 46″N 121° 56′ 31″E
Depth 18.7 meters for 21.9 meters
6° 24′ 12″N 121° 58′ 32″E
(NTM0001/2010)

92210 3Ed. 3/30/02 LAST NM 16/10 2/11
Add Light Fl 5s 72m 7M 6° 40′ 18″N 122° 09′ 38″E
(UKHO ARCS 4470-0)

92210 3Ed. 3/30/02 LAST NM 2/11 12/11
Add Wreck [K29] 6° 50′ 54″N 122° 01′ 42″E
Dangerous wreck [K28] 6° 55′ 59″N 121° 59′ 13″E
(8(125)03 Manila; UKHO ARCS 4470-0)

★**92214** 5Ed. 1/28/12 NEW EDITION N20/12
(NGA)

★**92216** 3Ed. 4/6/02 NEW EDITION 23/02
(NIMA)

★**92220** 2Ed. 12/5/98 NEW EDITION 30/99
(NIMA)

★**92220** 2Ed. 12/5/98 LAST NM 30/99 16/10
Substitute Depth 17.7 meters enclosed by depth contour
(20-meter) for 22 meters 6° 26′ 38″N 121° 54′ 49″E
Depth 26 meters for 31 meters 6° 26′ 13″N 121° 54′ 33″E
Depth 23 meters for 27 meters 6° 26′ 00″N 121° 54′ 55″E
Depth 5.5 meters for 6.8 meters 6° 25′ 46″N 121° 56′ 31″E
Depth 18.7 meters enclosed by depth contour
(20-meter) for 22 meters 6° 24′ 12″N 121° 58′ 32″E
Depth 28 meters for 34 meters 6° 22′ 54″N 121° 57′ 53″E
Depth 18.1 meters enclosed by depth contour
(20-meter) for 20.1 meters 6° 21′ 36″N 121° 56′ 54″E
Depth 33 meters for 38 meters 6° 22′ 40″N 121° 56′ 26″E

Add Depth 8.3 meters, blue tint and enclosing depth
contour (10-meter) centered 6° 26′ 54″N 121° 51′ 15″E
Depth 23 meters 6° 23′ 23″N 121° 53′ 43″E
(NTM0001/2010)

★**92230** 4Ed. 5/19/12 NEW EDITION N34/12
(NGA)

★**92240** 4Ed. 5/19/12 NEW EDITION N33/12
(NGA)

★**92242** 3Ed. 10/26/13 NEW EDITION N3/14
(NGA)

★**92260** 2Ed. 9/22/84 NEW EDITION 46/84
(DMAHTC)

92260 2Ed. 9/22/84 LAST NM 46/84 20/90
Change Characteristic of light to F 5° 02.2′ N 119° 46.4′ E
Note: Obscured sector unchanged
(BA LL)

92260 2Ed. 9/22/84 LAST NM 20/90 12/91
Change Characteristic of light to Fl 5s 5° 02.2′ N 119° 46.4′ E
(24(68)90 Manila)

92260 2Ed. 9/22/84 LAST NM 12/91 16/91
Add Light Fl 5s 4° 35.4′ N 119° 28.1′ E
(4(289)91 Taunton)

92260 2Ed. 9/22/84 LAST NM 16/91 29/91
Add Dangerous wreck (PA) 5° 02′ 47″N 119° 01′ 56″E
(1(26)91 Kuala Lumpur)

92260 2Ed. 9/22/84 LAST NM 29/91 9/95
Add Racon at light 4° 34.7′ N 118° 57.0′ E
(12(162)94 Kuala Lumpur)

92260 2Ed. 9/22/84 LAST NM 9/95 45/01
Change Light to Fl 5s 95ft 20M 4° 35′ 24″N 119° 28′ 06″E
(BA LL)

★**92270** 2Ed. 1/9/99 NEW EDITION 28/99
(NIMA)

92270 2Ed. 1/9/99 LAST NM 28/99 51/99
Delete Depth 16.4 meters 5° 33′ 08″N 120° 26′ 18″E

Add Depth 11 meters 5° 33′ 30″N 120° 26′ 19″E

(continued on next page)

92270 (Continued) 51/99
Depth 13 meters "Rep (1994)" 5° 33′ 48″N 120° 30′ 19″E
(37(3331)98 Taunton)

★92280 3Ed. 5/12/12 NEW EDITION N33/12
(NGA)

★92290 2Ed. 9/25/76 NEW EDITION 45/76
(DMAHC)

92290 2Ed. 9/25/76 LAST NM 45/76 53/77
Delete Depth 100 fathoms "Rep (1958)" 8° 57.4′ N 123° 08.6′ E

Add Depth 67 fathoms "Rep (1977)" 8° 57.8′ N 123° 08.9′ E
(45(2591)77 Taunton)

92290 2Ed. 9/25/76 LAST NM 53/77 16/78
Change Lights to
Fl 5sec 109ft 15M 8° 43.6′ N 123° 22.7′ E
Gp Fl (3) 10sec 60ft 7M 8° 36.0′ N 123° 45.4′ E
(US LL)

92290 2Ed. 9/25/76 LAST NM 16/78 48/78
Add Depth 19 fathoms 8° 34′ 43″N 124° 44′ 43″E
(20(56)78 Manila)

92290 2Ed. 9/25/76 LAST NM 48/78 33/80
Change Light to Gp Fl R(2) 10sec 7M 8° 08.4′ N 123° 50.7′ E
(2(3)80 Manila)

92290 2Ed. 9/25/76 LAST NM 33/80 43/80
Change Light to FR 8° 30.6′ N 124° 45.3′ E

Add Stranded wreck 8° 30.3′ N 124° 44.8′ E
(Phil CH 4649)

92290 2Ed. 9/25/76 LAST NM 43/80 17/83
Add Light Fl R 10sec 8° 36′ 49″N 123° 43′ 31″E
(23(40T)82 Manila)

92290 2Ed. 9/25/76 LAST NM 17/83 33/84
Add Bns (PA) 8° 19.5′ N 123° 52.2′ E
8° 19.4′ N 123° 52.1′ E
(23(1498)84 Taunton)

★92290 2Ed. 9/25/76 LAST NM 33/84 2/86
Add Depths
128 fathoms (PA) 8° 47.75′ N 123° 24.0′ E
112 fathoms (PA) 8° 46.25′ N 123° 35.6′ E
(HNNM7654/85)

92290 2Ed. 9/25/76 LAST NM 2/86 31/88
Change Characteristic of light to Fl R 5s 8° 30.4′ N 124° 39.7′ E
(BA LL)

92290 2Ed. 9/25/76 LAST NM 31/88 16/89
Delete Buoy "N4" 8° 08.9′ N 123° 51.9′ E
(20(23)87 Manila)

92290 2Ed. 9/25/76 LAST NM 16/89 10/90
Add Light Fl 3s 9° 09.0′ N 124° 47.8′ E
(22(51)89 Manila)

92290 2Ed. 9/25/76 LAST NM 10/90 22/90
Change Light to Fl R 5s 42ft 7M 9° 15.5′ N 124° 42.9′ E
(8(666)90 Taunton)

92290 2Ed. 9/25/76 LAST NM 22/90 47/90
Add Light Fl G 5s 8° 02.7′ N 123° 47.2′ E
(12(34)90 Manila)

92290 2Ed. 9/25/76 LAST NM 47/90 4/91
Change Characteristic of light to Fl G 3s 9° 18.9′ N 123° 18.6′ E
(39(2816)90 Taunton)

92290 2Ed. 9/25/76 LAST NM 4/91 6/91
Change Characteristic of lights to
Fl 5s 8° 19.6′ N 123° 51.7′ E
Fl(2) R 10s 8° 08.4′ N 123° 50.7′ E
Fl R 5s 8° 13.9′ N 124° 13.9′ E
(44(3168-3170)90 Taunton)

92290 2Ed. 9/25/76 LAST NM 6/91 8/91
Change Lights to
Fl G 5s 146ft 4M 8° 38.3′ N 123° 22.8′ E
Fl 10s 109ft 15M 8° 43.6′ N 123° 22.7′ E
(41(2962)90 Taunton)

92290 2Ed. 9/25/76 LAST NM 8/91 5/92
Add Anchorage symbol (large vessels) 9° 04.1′ N 123° 08.7′ E
(20(60)91 Manila)

92290 2Ed. 9/25/76 LAST NM 5/92 11/92
Change Characteristic of light to Fl 5s 8° 43.6′ N 123° 22.7′ E
(47(3353)91 Taunton)

92290 2Ed. 9/25/76 LAST NM 11/92 22/95
Change Characteristic of light
to Fl G 10s 8° 30.4′ N 124° 39.7′ E
(2(7)95 Manila)

92290 2Ed. 9/25/76 LAST NM 22/95 32/95
Change Characteristic of light
to Fl G 3s 8° 13.9′ N 124° 13.9′ E

Add Light Iso 4s 8° 29.8′ N 123° 47.7′ E
(4(13, 16)95 Manila; BA LL)

92290 2Ed. 9/25/76 LAST NM 32/95 20/96
Delete Purple outline of chart 92300 joining
8° 55.0′ N 122° 55.0′ E
8° 55.0′ N 123° 08.0′ E
9° 24.0′ N 123° 08.0′ E

Add Purple outline of chart 92330 joining
9° 12.0′ N 123° 08.0′ E
9° 12.0′ N 123° 05.0′ E
9° 24.0′ N 123° 05.0′ E

Light Fl(3) 15s 9° 02.5′ N 123° 00.9′ E
(DMA; MCC044/95)

92290 2Ed. 9/25/76 LAST NM 20/96 28/96
Change Light to Fl G 10s 7M 8° 02.7′ N 123° 47.2′ E
(SMEA026/96)

92290 2Ed. 9/25/76 LAST NM 28/96 31/96
Change Light to
F, FG 8° 30.6′ N 124° 45.3′ E
2 FR 7M 8° 06.6′ N 123° 53.1′ E

Add Pilot station symbol 8° 30.5′ N 124° 44.6′ E
Position circle "Chy (conspic)" 8° 17.1′ N 124° 15.8′ E
Dangerous wreck (PA) 8° 11.4′ N 124° 52.4′ E

Range line extending in 013°
direction from rear light 8° 06.6′ N 123° 53.1′ E
dashed for 1 mile, thence
solid for 5 miles

Legend "Lts 193°" along above
range line 8° 12.0′ N 123° 54.2′ E
(BA CH 3426; BA LL)

92290 2Ed. 9/25/76 LAST NM 31/96 32/96
Add Legend "CHART 92293" 8° 40.7′ N 123° 20.5′ E
8° 37.0′ N 123° 46.0′ E
8° 31.5′ N 123° 49.0′ E
8° 20.5′ N 123° 54.0′ E
8° 15.0′ N 124° 12.0′ E
8° 30.4′ N 124° 42.0′ E
9° 16.5′ N 124° 42.5′ E
(DMA)

92290 2Ed. 9/25/76 LAST NM 32/96 34/96
Add Light FR (PA) 8° 34.6′ N 124° 45.6′ E
(SMEA005/96; BA CH 3426)

92290 2Ed. 9/25/76 LAST NM 34/96 38/96
Add Position circle "TANK" 9° 14′ 09″N 123° 17′ 30″E
(31(2619)96 Taunton)

92290 2Ed. 9/25/76 LAST NM 38/96 40/96
Delete Dangerous wreck (PA) 8° 11.4′ N 124° 52.4′ E
(See 31/96-92290)

Add Dangerous wreck (PA) 8° 11.4′ N 123° 52.4′ E
(BA CH 3426)

92290 2Ed. 9/25/76 LAST NM 40/96 15/97
Delete Light 9° 02.5′ N 123° 00.9′ E
(See 20/96-92290)

Add Light Fl(3) 15s (PA) 9° 02.9′ N 123° 07.6′ E
(4(344)97 Taunton)

92290 2Ed. 9/25/76 LAST NM 15/97 2/98
Add Submarine cable with legend "See Note"
joining 9° 17.5′ N 123° 18.4′ E
9° 17.6′ N 123° 18.8′ E
9° 17.9′ N 123° 18.9′ E
9° 17.5′ N 123° 19.4′ E
9° 17.5′ N 123° 20.1′ E
9° 19.0′ N 123° 22.7′ E
9° 20.0′ N 123° 23.1′ E
9° 24.0′ N 123° 28.5′ E

Note
"SUBMARINE CABLE
Anchoring and fishing are prohibited in
the vicinity of the submarine cable." 8° 02.0′ N 123° 15.0′ E
(9(64)97 Manila)

92290 2Ed. 9/25/76 LAST NM 2/98 8/98
Delete Light 9° 02.9′ N 123° 07.6′ E
(Supersedes 15/97-92290)

Add Light Fl(3) 15s 9° 02.5′ N 123° 00.9′ E
(GIMM044/95, 066/97)

92290 2Ed. 9/25/76 LAST NM 8/98 22/98
Add Submarine cable joining 9° 17.5′ N 123° 18.4′ E
9° 17.2′ N 123° 18.5′ E
9° 16.8′ N 123° 19.0′ E
9° 16.2′ N 123° 20.3′ E
9° 16.0′ N 123° 20.9′ E
9° 12.6′ N 123° 22.7′ E
9° 12.0′ N 123° 23.3′ E
9° 07.5′ N 123° 25.9′ E
9° 04.6′ N 123° 29.1′ E
9° 03.2′ N 123° 31.2′ E
9° 01.7′ N 123° 32.6′ E
8° 57.1′ N 123° 38.2′ E
8° 55.8′ N 123° 40.1′ E
8° 53.6′ N 123° 41.9′ E
8° 52.2′ N 123° 44.5′ E
8° 51.9′ N 123° 46.3′ E
8° 48.3′ N 123° 50.6′ E
8° 44.0′ N 123° 54.6′ E
8° 42.5′ N 123° 55.1′ E
8° 41.0′ N 123° 54.8′ E
8° 39.6′ N 123° 55.4′ E
8° 23.9′ N 123° 58.2′ E
8° 22.8′ N 123° 58.2′ E
8° 16.9′ N 123° 56.1′ E
8° 13.9′ N 123° 55.1′ E
8° 13.0′ N 123° 55.1′ E
8° 12.3′ N 123° 54.6′ E
8° 11.6′ N 123° 54.8′ E
8° 11.4′ N 123° 54.4′ E
8° 11.1′ N 123° 54.3′ E
8° 10.3′ N 123° 54.0′ E
8° 09.4′ N 123° 52.6′ E
8° 09.3′ N 123° 52.2′ E
8° 09.1′ N 123° 51.2′ E

(See 2/98-92290)
(GIMM027/98)

92290 2Ed. 9/25/76 LAST NM 22/98 34/98
Add Depth 197 fathoms 8° 35.5′ N 124° 40.5′ E
(5(388)98 Taunton)

92290 2Ed. 9/25/76 LAST NM 34/98 35/98
Add Submarine cable joining 8° 09.1′ N 123° 51.2′ E
8° 08.8′ N 123° 52.2′ E
8° 09.7′ N 123° 54.1′ E
8° 11.5′ N 123° 55.4′ E
8° 12.5′ N 123° 56.0′ E
8° 16.9′ N 123° 59.2′ E
8° 39.7′ N 124° 16.8′ E
8° 41.6′ N 124° 19.8′ E
8° 43.5′ N 124° 25.5′ E
8° 43.4′ N 124° 29.0′ E
8° 42.5′ N 124° 30.6′ E
8° 37.1′ N 124° 35.8′ E
8° 36.0′ N 124° 36.1′ E
8° 33.2′ N 124° 39.6′ E
8° 32.8′ N 124° 40.3′ E
8° 31.9′ N 124° 41.0′ E
8° 30.9′ N 124° 41.3′ E
8° 30.2′ N 124° 41.2′ E
8° 29.7′ N 124° 40.9′ E
8° 28.7′ N 124° 41.1′ E
8° 31.0′ N 124° 42.2′ E
8° 32.7′ N 124° 41.7′ E
8° 35.6′ N 124° 40.5′ E
8° 37.1′ N 124° 40.2′ E
8° 39.6′ N 124° 38.8′ E
8° 44.6′ N 124° 37.8′ E
9° 00.6′ N 124° 43.2′ E
9° 02.6′ N 124° 46.1′ E
9° 04.2′ N 124° 50.6′ E
9° 04.6′ N 124° 52.6′ E
9° 05.6′ N 124° 53.3′ E
9° 06.2′ N 124° 58.0′ E

Legend "(see Note)" 8° 49.5′ N 123° 50.0′ E
8° 35.0′ N 124° 13.7′ E
8° 51.5′ N 124° 40.0′ E

(See 22/98-92290)
(GIMM027/98)

92290 2Ed. 9/25/76 LAST NM 35/98 36/98
Change Period of light to 10s 8° 43.6′ N 123° 22.7′ E
Light to Fl R 5s 7M 8° 36.8′ N 123° 43.5′ E
(BA LL)

92290 2Ed. 9/25/76 LAST NM 36/98 7/99
Change Light to Fl G 5s 7M 9° 09.0′ N 124° 47.8′ E
(BA LL)

92290 2Ed. 9/25/76 LAST NM 7/99 47/99
Add Light Fl(2) 10s 8° 39.7′ N 123° 30.5′ E
(8(Sect IV)98 Manila)

92290 2Ed. 9/25/76 LAST NM 47/99 2/00
Add Submarine cable [L30.1] joining 9° 14.5′ N 123° 17.6′ E
9° 14.5′ N 123° 18.5′ E
9° 14.6′ N 123° 18.6′ E
9° 14.6′ N 123° 20.4′ E
9° 15.9′ N 123° 22.5′ E
9° 17.1′ N 123° 23.3′ E
9° 19.3′ N 123° 24.3′ E
9° 20.0′ N 123° 24.8′ E
9° 20.4′ N 123° 25.8′ E
9° 21.1′ N 123° 28.7′ E
9° 21.5′ N 123° 29.0′ E
9° 22.7′ N 123° 29.3′ E
9° 23.9′ N 123° 31.0′ E

Submarine cable [L30.1] joining 9° 14.5′ N 123° 17.6′ E
9° 14.5′ N 123° 17.8′ E
9° 14.1′ N 123° 18.9′ E
9° 00.4′ N 123° 29.7′ E
9° 00.1′ N 123° 30.5′ E
8° 59.9′ N 123° 33.7′ E
9° 00.8′ N 123° 35.2′ E
9° 00.6′ N 123° 37.2′ E
8° 59.8′ N 123° 40.6′ E
8° 56.1′ N 123° 59.8′ E
8° 53.2′ N 124° 12.2′ E
8° 52.8′ N 124° 13.4′ E
8° 50.9′ N 124° 21.2′ E
8° 50.1′ N 124° 24.3′ E
8° 45.4′ N 124° 31.9′ E
8° 39.6′ N 124° 37.0′ E
8° 37.5′ N 124° 38.2′ E
8° 35.2′ N 124° 37.7′ E
8° 32.7′ N 124° 36.2′ E
8° 32.0′ N 124° 35.3′ E
8° 31.4′ N 124° 34.8′ E
8° 31.2′ N 124° 34.7′ E

(GIMM066/98)

92290 2Ed. 9/25/76 LAST NM 2/00 5/00
Add Submarine cable [L30.1] joining 9° 14.5′ N 123° 17.6′ E
9° 14.2′ N 123° 17.8′ E
9° 13.6′ N 123° 18.7′ E
9° 12.2′ N 123° 19.6′ E
9° 09.7′ N 123° 19.9′ E
9° 05.6′ N 123° 19.5′ E
9° 00.6′ N 123° 16.8′ E
8° 58.7′ N 123° 16.2′ E
8° 57.7′ N 123° 15.7′ E
8° 55.3′ N 123° 11.0′ E
8° 54.5′ N 123° 08.5′ E
8° 54.5′ N 123° 08.0′ E
8° 53.8′ N 123° 06.6′ E
8° 52.5′ N 123° 04.9′ E
8° 51.6′ N 123° 04.2′ E
8° 50.4′ N 123° 02.4′ E
8° 50.3′ N 123° 00.5′ E
8° 49.1′ N 122° 58.1′ E
8° 49.1′ N 122° 55.0′ E
(GIMM066/98)

92290 2Ed. 9/25/76 LAST NM 5/00 17/00
Change Characteristic of light to Fl R 10s 9° 15.4′ N 124° 42.9′ E
(10(Sect IV)99 Manila)

92290 2Ed. 9/25/76 LAST NM 17/00 39/00
Add Light Fl 10s 66ft 17M 9° 07.2′ N 123° 40.9′ E
(6(32)99 Manila)

92290 2Ed. 9/25/76 LAST NM 39/00 9/01
Add Buoy R, barrel, Fl R 5s 8° 10.1′ N 123° 53.1′ E
Buoy R, barrel, Fl R 5s 8° 08.7′ N 123° 51.8′ E
(10(39, 40)00 Manila)

92290 2Ed. 9/25/76 LAST NM 9/01 15/01
Add Pilot station symbol [T1.1] 8° 11.5′ N 123° 54.0′ E
Pilot station symbol [T1.1] 8° 19.0′ N 123° 53.4′ E
Pilot station symbol [T1.1] 8° 37.3′ N 123° 43.9′ E
Pilot station symbol [T1.1] 8° 39.0′ N 123° 22.0′ E
Pilot station symbol [T1.1] 8° 32.0′ N 123° 16.0′ E
Pilot station symbol [T1.1] 8° 14.0′ N 122° 56.0′ E
(8(34)00 Manila)

★**92290** 2Ed. 9/25/76 LAST NM 15/01 31/01
Change Legend "DMA STOCK NO. 92AHA92290" to "NIMA STOCK NO. 92ACO92290" in right lower margin of chart
(NIMA)

92290 2Ed. 9/25/76 LAST NM 31/01 41/01
Change Visibility (range) of light to 15M 9° 05.0′ N 123° 16.2′ E
(BA LL)

92290 2Ed. 9/25/76 LAST NM 41/01 43/01
Change Period of light to 5s 8° 30.4′ N 124° 39.7′ E
Visibility (range) of light to 9M 8° 08.4′ N 123° 50.7′ E
(BA LL)

92290 2Ed. 9/25/76 LAST NM 43/01 7/02
Change Characteristic of light to Fl 5s 8° 38.3′ N 123° 22.8′ E
Add Visibility (range) 7M to light 9° 02.5′ N 123° 00.9′ E
(BA LL)

92290 2Ed. 9/25/76 LAST NM 7/02 11/02
Change Period of light to 5s 8° 43.6′ N 123° 22.7′ E
(BA LL)

92290 2Ed. 9/25/76 LAST NM 11/02 19/03
Change Period of light to 5s 8° 02.7′ N 123° 47.2′ E
(BA LL)

92290 2Ed. 9/25/76 LAST NM 19/03 9/06
Add Light Fl 10s 8° 37.0′ N 124° 28.6′ E
Light Fl 10s 8° 42.4′ N 124° 44.8′ E
Light Fl(2) 7s 9° 05.0′ N 124° 46.1′ E
Light Fl 7s 8° 40.0′ N 123° 37.2′ E
(11(223, 225, 228, 229)02 Manila; BA LL)

92290 2Ed. 9/25/76 LAST NM 9/06 12/06
Change Period of light to 5s 9° 15.4′ N 124° 42.9′ E
Add Light Fl 5s 8° 18.1′ N 123° 51.8′ E
(7(151, 158)02 Manila)

92290 2Ed. 9/25/76 LAST NM 12/06 13/06
Add Light Fl(2) 6s 8° 09.7′ N 123° 57.0′ E
(4(81)02 Manila; BA LL)

92290 2Ed. 9/25/76 LAST NM 13/06 47/06
Add Buoy R, pillar, Fl R 5s 8° 08.7′ N 123° 52.8′ E
(8(168)02 Manila)

92290 2Ed. 9/25/76 LAST NM 47/06 10/07
Delete Legend "(PA)" 8° 47.7′ N 123° 24.0′ E
Depth 226 fathoms 8° 47.5′ N 123° 23.7′ E
Depth 112 fathoms (PA) 8° 46.2′ N 123° 35.6′ E
Add Depth 112 fathoms 8° 46.2′ N 123° 35.7′ E
(5(71)03 Manila)

92290 2Ed. 9/25/76 LAST NM 10/07 11/07
Change Light to Fl R 2s 36ft 7M 8° 13.9′ N 124° 13.9′ E
(10(197)06 Manila; BA LL)

92290 2Ed. 9/25/76 LAST NM 11/07 27/07
Change Characteristic of light to Fl(2) 5s 8° 38.3′ N 123° 22.8′ E
(9(132)03 Manila; BA LL)

92290 2Ed. 9/25/76 LAST NM 27/07 29/07
Add Light Fl 5s 10m 15M 8° 58.0′ N 124° 46.2′ E
(10(144)04 Manila; BA LL)

92290 2Ed. 9/25/76 LAST NM 29/07 46/10
Change Period of light to 10s 8° 43.7′ N 123° 22.7′ E
(UKHO ARCS 3426-2)

92290 2Ed. 9/25/76 LAST NM 46/10 1/11
Add Light Fl R 5s 8° 40.3′ N 124° 41.3′ E
(3(82)08 Manila)

92290 2Ed. 9/25/76 LAST NM 1/11 3/11
Add Light Fl G 5s 39ft 7M 8° 32.0′ N 124° 34.3′ E
(UKHO LL)

92290 2Ed. 9/25/76 LAST NM 3/11 4/11
Add Light Fl 4s 142ft 11M 8° 31.6′ N 124° 45.0′ E
(UKHO ARCS 4472-0)

92290 2Ed. 9/25/76 LAST NM 4/11 14/11
Change Characteristic of light to Fl 5s 8° 30.4′ N 124° 39.7′ E
(4(68)06 Manila)

92290 2Ed. 9/25/76 LAST NM 14/11 17/11
Add Light Fl 10s 8° 20.3′ N 124° 15.6′ E
(5(141)08 Manila)

92290 2Ed. 9/25/76 LAST NM 17/11 18/11
Add Submarine cable [L30.1] between 9° 14.5′ N 123° 17.6′ E
9° 14.8′ N 123° 19.0′ E
(11(178)03 Manila; UKHO ARCS 4473-0)

92290 2Ed. 9/25/76 LAST NM 18/11 31/11
Change Visibility (range) of light to 15M 8° 19.6′ N 123° 51.7′ E
(2(27)11 Manila; UKHO LL)

92290 2Ed. 9/25/76 LAST NM 31/11 33/11
Change Light to Fl(2) 10s 184ft 17M 9° 07.2′ N 123° 40.9′ E
(7(178)08 Manila)

92290 2Ed. 9/25/76 LAST NM 33/11 34/11
Change Characteristic of light to Fl(2) 6s 9° 15.4′ N 124° 42.9′ E
(4(105)08 Manila)

92290 2Ed. 9/25/76 LAST NM 34/11 51/11
Add Light Fl(3) 10s 9° 12.1′ N 124° 38.1′ E
Light Fl 5s 8° 51.3′ N 123° 25.1′ E
(7(138, 151)10 Manila; UKHO ARCS 4471-0)

92290 2Ed. 9/25/76 LAST NM 51/11 11/12
Change Period of light to 5s 8° 42.4′ N 124° 44.8′ E
(8(164)11 Manila)

92290 2Ed. 9/25/76 LAST NM 11/12 37/12
Change Period of light to 5s 9° 18.9′ N 123° 18.6′ E
(UKHO LL)

92290 2Ed. 9/25/76 LAST NM 37/12 44/12
Add Light Fl(3) 15s 25ft 15M 9° 18.0′ N 123° 37.3′ E
Light Fl(3) 10s 90ft 15M 9° 09.3′ N 123° 30.8′ E
Height 85ft to light 9° 02.5′ N 123° 00.9′ E
(6(104-106)12 Manila)

92290 2Ed. 9/25/76 LAST NM 44/12 2/13
Change Light to Fl(3) 10s 60ft 20M 8° 36.0′ N 123° 45.4′ E
(5(97)12 Manila; UKHO LL)

★**92293** 2Ed. 8/6/77 REPLACE ON ISSUE 38/77
Previously canceled NM 21/76
(DMAHC)

92293 2Ed. 8/6/77 LAST NM 38/77 41/80
(Plan G)
Delete Swept depth 11 fathoms Wk 8° 30′ 02.0″N 124° 39′ 50.5″E
(12(29)80 Manila)

92293 2Ed. 8/6/77 LAST NM 41/80 17/83
(Plan A)
Add Light Fl R 10sec 8° 36′ 49″N 123° 43′ 31″E
(23(40T)82 Manila)

92293 2Ed. 8/6/77 LAST NM 17/83 33/84
(Plan D)
Add Bns (PA) 8° 19′ 31″N 123° 52′ 13″E
8° 19′ 25″N 123° 52′ 08″E
(23(1498)84 Taunton)

92293 2Ed. 8/6/77 LAST NM 33/84 31/88
(Plan G)
Change Characteristic of light to Fl R 5s 8° 30′ 20″N 124° 39′ 43″E
(BA LL)

92293 2Ed. 8/6/77 LAST NM 31/88 22/90
(Plan E)
Change Light to Fl R 5s 42ft 7M 9° 15′ 24″N 124° 42′ 52″E
(8(666)90 Taunton)

92293 2Ed. 8/6/77 LAST NM 22/90 6/91
(Plan D)
Delete Light 8° 19′ 29″N 123° 51′ 38″E

Change Characteristic of light to Fl 5s 8° 19′ 38″N 123° 51′ 43″E

(Plan F)
Change Characteristic of light to Fl R 5s 8° 13′ 56″N 124° 13′ 52″E
(44(3168, 3170)90 Taunton)

92293 2Ed. 8/6/77 LAST NM 6/91 8/91
(Plan C)
Change Lights to
Fl G 5s 146ft 4M 8° 38′ 17″N 123° 22′ 48″E
Fl 10s 109ft 15M 8° 43′ 41″N 123° 22′ 48″E
(41(2962)90 Taunton)

92293 2Ed. 8/6/77 LAST NM 8/91 10/91
(Plan D)
Delete Buoys 8° 20′ 18″N 123° 51′ 51″E
8° 19′ 13″N 123° 52′ 07″E

Add Bns (PA) 8° 20′ 18.6″N 123° 51′ 49.8″E
8° 20′ 12.6″N 123° 51′ 52.8″E
(47(3391)90 Taunton)

92293 2Ed. 8/6/77 LAST NM 10/91 11/92
(Plan C)
Change Characteristic of light to Fl 5s 8° 43′ 41″N 123° 22′ 48″E
(47(3353)91 Taunton)

92293 2Ed. 8/6/77 LAST NM 11/92 22/95
(Plan G)
Change Characteristic of light
to Fl G 10s 8° 30′ 20″N 124° 39′ 43″E
(2(7)95 Manila)

92293 2Ed. 8/6/77 LAST NM 22/95 32/95
(Plan F)
Change Characteristic of light
to Fl G 3s 8° 13′ 56″N 124° 13′ 52″E
(4(13)95 Manila)

92293 2Ed. 8/6/77 LAST NM 32/95 29/96
(Plan B)
Change Shape of buoy to can 8° 29′ 55″N 123° 48′ 02″E
8° 29′ 53″N 123° 47′ 56″E

Add Light Iso 4s 8° 29′ 47.5″N 123° 47′ 45.5″E

(Plan D)
Relocate Bn (8° 19′ 25′ ′ N 123° 52′ 08′ ′ E) to (PA)
8° 19′ 24.9″N 123° 52′ 07.9″E

(Plan F)
Add Buoy (mooring) 8° 12′ 39″N 124° 11′ 47″E
8° 12′ 33″N 124° 11′ 40″E
8° 12′ 30″N 124° 11′ 45″E

Submarine pipeline between 8° 12′ 22″N 124° 11′ 57″E
8° 12′ 35″N 124° 11′ 47″E

Dashed line (pier under construction)
between 8° 11′ 47″N 124° 10′ 59″E
8° 11′ 55″N 124° 10′ 50″E

between 8° 12′ 00″N 124° 10′ 52″E
8° 11′ 54″N 124° 10′ 48″E

between 8° 12′ 40″N 124° 12′ 58″E
8° 12′ 53″N 124° 12′ 57″E

Position circle
"Tank" 8° 12′ 20″N 124° 11′ 59″E
"Chys (PA)" 8° 12′ 24″N 124° 12′ 00″E
"Chy (conspic)" 8° 17′ 11″N 124° 15′ 49″E

Land tint to area bound by shore and
solid line joining 8° 14′ 11″N 124° 13′ 56″E
8° 14′ 13″N 124° 13′ 58″E
8° 14′ 10″N 124° 14′ 07″E

(Plan G)
Delete Dangerous wreck 8° 30′ 00″N 124° 39′ 44″E
Legend "Under Reclamation" 8° 30′ 07″N 124° 39′ 46″E

Add Land tint to area bound by shore,
plan border and solid line
between 8° 29′ 59.6″N 124° 39′ 43.8″E
8° 29′ 58.5″N 124° 39′ 43.1″E

joining 8° 30′ 09.9″N 124° 39′ 45.7″E
8° 30′ 09.5″N 124° 39′ 46.6″E
8° 30′ 08.3″N 124° 39′ 47.2″E
8° 30′ 08.1″N 124° 39′ 47.0″E
8° 30′ 08.5″N 124° 39′ 46.9″E
8° 30′ 07.0″N 124° 39′ 46.1″E
8° 30′ 06.1″N 124° 39′ 46.8″E
8° 30′ 06.9″N 124° 39′ 47.1″E
8° 30′ 06.6″N 124° 39′ 47.5″E
and delete land tint area
seaward of above solid line

Depth 1½ fathoms 8° 30′ 07.5″N 124° 39′ 46.6″E
Legend "Numerous Fish Stakes"
8° 30′ 20.0″N 124° 39′ 48.0″E
(BA CH 3426)

92293 2Ed. 8/6/77 LAST NM 29/96 9/97
(Plan F)
Add Anchorage symbol (large vessels)
8° 17′ 06″N 124° 15′ 26″E
8° 13′ 55″N 124° 13′ 30″E
8° 13′ 40″N 124° 13′ 30″E
8° 13′ 24″N 124° 13′ 25″E
8° 13′ 13″N 124° 13′ 10″E
8° 12′ 49″N 124° 12′ 15″E
8° 12′ 37″N 124° 11′ 30″E

Anchorage symbol (large vessels) with
legend "Dangerous Cargo" 8° 14′ 23″N 124° 13′ 48″E
8° 14′ 35″N 124° 13′ 50″E
(5(10)96 Manila)

92293 2Ed. 8/6/77 LAST NM 9/97 36/98
(Plan A)
Change Light to Fl R 5s 20ft 7M 8° 36′ 49″N 123° 43′ 31″E

(Plan C)
Change Period of light to 10s 8° 43′ 41″N 123° 22′ 48″E
(GIMM047/98; BA LL)

92293 2Ed. 8/6/77 LAST NM 36/98 17/00
(Plan E)
Change Characteristic of light to Fl R 10s
9° 15′ 24.0″N 124° 42′ 52.0″E
(10(Sect IV)99 Manila)

92293 2Ed. 8/6/77 LAST NM 17/00 15/01
(Plan A)
Add Pilot station symbol [T1.1] 8° 37′ 20.0″N 123° 43′ 50.0″E

(Plan C)
Add Pilot station symbol [T1.1] 8° 39′ 00″N 123° 22′ 00″E
(8(34)00 Manila)

92293 2Ed. 8/6/77 LAST NM 15/01 43/01
(Plan G)
Change Period of light to 5s 8° 30′ 20.0″N 124° 39′ 42.7″E
(BA LL)

92293 2Ed. 8/6/77 LAST NM 43/01 7/02
(Plan C)
Change Characteristic of light to Fl 5s 8° 38′ 17″N 123° 22′ 48″E
(BA LL)

92293 2Ed. 8/6/77 LAST NM 7/02 11/02
(Plan C)
Change Period of light to 5s 8° 43′ 42″N 123° 22′ 42″E
(BA LL)

92293 2Ed. 8/6/77 LAST NM 11/02 12/06
(Plan E)
Change Period of light to 5s 9° 15′ 24.0″N 124° 42′ 52.0″E
(7(158)02 Manila)

92293 2Ed. 8/6/77 LAST NM 12/06 11/07
(Plan F)
Change Light to Fl R 2s 36ft 7M 8° 13′ 52″N 124° 13′ 54″E
(10(197)06 Manila; BA LL)

92293 2Ed. 8/6/77 LAST NM 11/07 27/07
(Plan C)
Change Characteristic of light to Fl(2) 5s 8° 38′ 18″N 123° 22′ 48″E
(9(132)03 Manila; BA LL)

92293 2Ed. 8/6/77 LAST NM 27/07 46/10
(Plan C)
Change Period of light to 10s 8° 43′ 42″N 123° 22′ 42″E
(UKHO ARCS 3426-2)

92293 2Ed. 8/6/77 LAST NM 46/10 14/11
(Plan G)
Change Characteristic of light to Fl 5s
8° 30′ 20.0″N 124° 39′ 42.7″E
(4(68)06 Manila)

92293 2Ed. 8/6/77 LAST NM 14/11 31/11
(Plan D)
Change Visibility (range) of light to 15M
8° 19′ 38.0″N 123° 51′ 43.0″E
(2(27)11 Manila; UKHO LL)

92293 2Ed. 8/6/77 LAST NM 31/11 34/11
(Plan E)
Change Characteristic of light to Fl(2) 6s
9° 15′ 24.0″N 124° 42′ 52.0″E
(4(105)08 Manila)

92293 2Ed. 8/6/77 LAST NM 34/11 2/13
(Plan A)
Change Light to Fl(3) 10s 60ft 20M 8° 35′ 59.4″N 123° 45′ 21.8″E
(5(97)12 Manila; UKHO LL)

★92296 3Ed. 10/20/90 NEW EDITION 51/90
(DMAHTC)

92296 3Ed. 10/20/90 LAST NM 51/90 6/91
(And Plan)
Change Characteristic of light to Fl(2) R 10s
8° 08′ 26″N 123° 50′ 49″E
(44(3169)90 Taunton)

92296 3Ed. 10/20/90 LAST NM 6/91 49/94
Add Position circle "Tr" 8° 08′ 15″N 123° 49′ 13″E

(And Plan)
Add Position circle
"R Tr" 8° 08′ 30.5″N 123° 50′ 05.0″E
"Tr" 8° 08′ 50.3″N 123° 51′ 09.6″E
(11(17)94 Manila)

92296 3Ed. 10/20/90 LAST NM 49/94 28/96
Change Light to Fl G 10s 7M 8° 02.6′ N 123° 47.3′ E
(SMEA026/96)

92296 3Ed. 10/20/90 LAST NM 28/96 31/96
Add Dangerous wreck (PA) 8° 11′ 26″N 123° 52′ 37″E

(And Plan)
Add Dashed line with legend "Ferry"
between 8° 08′ 24″N 123° 50′ 51″E
8° 07′ 21″N 123° 54′ 36″E
(BA CH 3426)

92296 3Ed. 10/20/90 LAST NM 31/96 14/97
(And Plan)
Add Anchorage symbol (large vessels)
8° 08′ 03″N 123° 50′ 35″E
8° 08′ 03″N 123° 51′ 35″E
(12(27)96 Manila)

92296 3Ed. 10/20/90 LAST NM 14/97 22/98
Add Submarine cable joining 8° 09′ 03″N 123° 51′ 14″E
8° 09′ 09″N 123° 51′ 43″E
8° 09′ 16″N 123° 52′ 17″E
8° 09′ 22″N 123° 52′ 42″E
8° 10′ 11″N 123° 54′ 06″E
8° 11′ 03″N 123° 54′ 22″E
8° 11′ 17″N 123° 54′ 31″E
8° 11′ 30″N 123° 54′ 52″E
8° 12′ 14″N 123° 54′ 43″E
8° 12′ 54″N 123° 55′ 12″E
8° 13′ 53″N 123° 55′ 14″E
8° 15′ 18″N 123° 55′ 42″E

(Plan)
Add Submarine cable joining 8° 09′ 03.2″N 123° 51′ 14.1″E
8° 09′ 09.2″N 123° 51′ 42.9″E
8° 09′ 16.3″N 123° 52′ 16.4″E
8° 09′ 21.6″N 123° 52′ 42.1″E
8° 10′ 11.3″N 123° 54′ 05.8″E
8° 11′ 00.0″N 123° 54′ 21.2″E
(GIMM027/98)

92296 3Ed. 10/20/90 LAST NM 22/98 35/98
Add Submarine cable joining 8° 09′ 03″N 123° 51′ 14″E
8° 08′ 48″N 123° 51′ 39″E
8° 08′ 44″N 123° 51′ 58″E
8° 08′ 41″N 123° 52′ 14″E
8° 09′ 20″N 123° 53′ 29″E
8° 09′ 39″N 123° 54′ 12″E
8° 10′ 04″N 123° 54′ 35″E
8° 10′ 49″N 123° 54′ 55″E
8° 11′ 28″N 123° 55′ 30″E
8° 12′ 28″N 123° 56′ 05″E
8° 13′ 11″N 123° 56′ 38″E
8° 13′ 34″N 123° 57′ 03″E
8° 14′ 27″N 123° 57′ 39″E
8° 15′ 18″N 123° 58′ 14″E

Legend "(see Note)" 8° 11′ 24″N 123° 55′ 24″E
8° 12′ 42″N 123° 55′ 00″E

Note "SUBMARINE CABLES
Anchoring and fishing are prohibited in
the vicinity of the submarine cables."
8° 06′ 54″N 123° 40′ 00″E
(See 22/98-92296)

(continued on next page)

92296 (Continued) 35/98
(Plan)
Add Submarine cable joining 8° 09′ 03.2″N 123° 51′ 14.1″E
8° 08′ 47.8″N 123° 51′ 38.9″E
8° 08′ 43.7″N 123° 51′ 58.2″E
8° 08′ 40.5″N 123° 52′ 13.7″E
8° 09′ 20.2″N 123° 53′ 27.7″E
8° 09′ 39.0″N 123° 54′ 11.9″E
8° 10′ 04.2″N 123° 54′ 34.0″E
8° 10′ 49.1″N 123° 54′ 55.1″E
8° 11′ 00.0″N 123° 55′ 06.0″E

Legend "(see Note)" 8° 09′ 06.0″N 123° 52′ 24.0″E
8° 08′ 54.0″N 123° 52′ 34.0″E
(GIMM027/98)

92296 3Ed. 10/20/90 LAST NM 35/98 9/01
Add Buoy R, barrel, Fl R 5s 8° 10′ 00.9″N 123° 53′ 08.8″E
Buoy R, barrel, Fl R 5s 8° 08′ 39.3″N 123° 51′ 52.0″E

(Plan)
Add Buoy R, barrel, Fl R 5s 8° 10′ 00.9″N 123° 53′ 08.8″E
Buoy R, barrel, Fl R 5s 8° 08′ 39.3″N 123° 51′ 52.0″E
(10(39, 40)00 Manila)

92296 3Ed. 10/20/90 LAST NM 9/01 15/01
Add Pilot station symbol [T1.1] 8° 11′ 27.3″N 123° 54′ 04.0″E
(8(34)00 Manila)

92296 3Ed. 10/20/90 LAST NM 15/01 43/01
Change Visibility (range) of light to 9M
8° 08′ 26.5″N 123° 50′ 49.0″E

(Plan)
Change Visibility (range) of light to 9M
8° 08′ 26.5″N 123° 50′ 49.0″E
(BA LL)

92296 3Ed. 10/20/90 LAST NM 43/01 19/03
Change Period of light to 5s 8° 02′ 38.0″N 123° 47′ 16.0″E
(BA LL)

92296 3Ed. 10/20/90 LAST NM 19/03 13/06
Add Light Fl(2) 6s 8° 09′ 42.0″N 123° 57′ 00.0″E
(4(81)02 Manila; BA LL)

92296 3Ed. 10/20/90 LAST NM 13/06 47/06
Add Buoy R, pillar, Fl R 5s 8° 08′ 45.0″N 123° 52′ 48.0″E
(8(168)02 Manila)

★**92302** 3Ed. 10/12/13 NEW EDITION N1/14
(NGA)

★**92310** 4Ed. 10/17/98 NEW EDITION 7/99
Change Light to
Fl R 5s 10m 7M 10° 09.7′ N 125° 07.2′ E
Fl G 5s 7M 9° 09.7′ N 125° 47.3′ E

Period of light to 5s 9° 33.7′ N 125° 55.7′ E
Height of light to 17m 9° 18.4′ N 126° 12.3′ E

Add Legend "CONTINUED ON 92290" 9° 18.5′ N 124° 47.4′ E
(NIMA; GIMM047/98; BA LL)

92310 4Ed. 10/17/98 LAST NM 7/99 46/99
Add Light Fl 5s 9° 44.7′ N 126° 01.9′ E
(7(26)98 Manila)

92310 4Ed. 10/17/98 LAST NM 46/99 13/00
Change Light to Fl G 5s 7M 9° 09.7′ N 124° 47.3′ E
(BA LL)

92310 4Ed. 10/17/98 LAST NM 13/00 17/00
Change Characteristic of light to Fl 5s 10° 23.0′ N 124° 58.7′ E
Characteristic of light to Fl 3s 9° 54.8′ N 125° 17.0′ E
(3(Sect IV), 10(Sect IV)99 Manila; BA LL)

92310 4Ed. 10/17/98 LAST NM 17/00 34/00
Add Light Fl 5s 10m 6M 9° 44.6′ N 126° 02.7′ E
(2(Sec IV)00 Manila)

92310 4Ed. 10/17/98 LAST NM 34/00 38/00
Change Light to Fl 5s 23m 23M 10° 44.7′ N 125° 00.8′ E
(7(Sec IV)99 Manila)

92310 4Ed. 10/17/98 LAST NM 38/00 39/00
Delete Light 9° 33.7′ N 125° 56.0′ E

Add Light Fl 5s 9m 9M 9° 33.8′ N 125° 56.0′ E
(6(33)99 Manila)

92310 4Ed. 10/17/98 LAST NM 39/00 7/01
Change Characteristic of light to Fl 5s 10° 03.6′ N 126° 03.4′ E

Add Visibility (range) 11M to light 9° 47.5′ N 125° 35.1′ E
Note: Obscured sector remains
(7(Sec IV)00 Manila)

92310 4Ed. 10/17/98 LAST NM 7/01 34/01
Change Light to Fl 15s 9° 54.9′ N 125° 26.6′ E
(5(44)01 Manila)

92310 4Ed. 10/17/98 LAST NM 34/01 39/01
Change Visibility (range) of light to 16M 9° 07.5′ N 125° 31.3′ E
(BA LL)

92310 4Ed. 10/17/98 LAST NM 39/01 43/01
Change Height of light to 43m 9° 33.8′ N 125° 56.0′ E
(43(4185)00 Taunton)

92310 4Ed. 10/17/98 LAST NM 43/01 48/01
Change Light to Fl(4) 20s 9° 54.8′ N 125° 17.0′ E
Characteristic of light to Fl R 5s 9° 01.2′ N 125° 31.2′ E
Visibility (range) of light to 9M 10° 44.7′ N 125° 00.8′ E
(BA LL)

92310 4Ed. 10/17/98 LAST NM 48/01 5/02
Change Height of light to 11m 9° 18.4′ N 126° 12.3′ E
(BA LL)

92310 4Ed. 10/17/98 LAST NM 5/02 11/02
Change Characteristic of light to Fl 5s 9° 18.4′ N 126° 12.3′ E
(12(168)01 Manila)

92310 4Ed. 10/17/98 LAST NM 11/02 13/02
Change Light to Fl(3) 15s 9° 54.9′ N 125° 26.6′ E
(Supersedes 34/01-92310)
(1(7)02 Manila)

92310 4Ed. 10/17/98 LAST NM 13/02 49/05
Add Light Fl 7s 36m 10M 10° 03.9′ N 125° 08.6′ E
Light Fl 5s 61m 10M 10° 28.4′ N 125° 13.6′ E
Light Fl 5s 211m 10M 10° 07.5′ N 125° 12.9′ E
Light Fl 7s 14m 10M 9° 46.9′ N 125° 44.2′ E
(9(185-187, 190)02 Manila)

92310 4Ed. 10/17/98 LAST NM 49/05 51/05
Add Light Fl(2) 9s 11m 10M 9° 48.7′ N 125° 42.9′ E
Light Fl 7s 18m 10M 10° 10.3′ N 125° 27.7′ E
Light Fl 10s 14m 10M 10° 27.6′ N 125° 27.9′ E
Light Fl 10s 20m 10M 9° 05.6′ N 125° 12.4′ E
(9(192-194)02 Manila; BA LL)

92310 4Ed. 10/17/98 LAST NM 4/06 6/06
Add Light Fl 10s 9° 33.9′ N 125° 25.1′ E
(11(220)02 Manila)

92310 4Ed. 10/17/98 LAST NM 6/06 28/06
Relocate Light from 10° 03.7′ N 126° 03.3′ E to
10° 03.7′ N 126° 03.9′ E
and change characteristic to Fl(2) 10s

Change Characteristic of light to Fl 7s 9° 07.4′ N 125° 31.2′ E

Add Visibility (range) 7M to light 8° 54.6′ N 125° 01.3′ E
(4(82), 11(243, 246)02 Manila)

92310 4Ed. 10/17/98 LAST NM 28/06 41/06
Change Light to Fl(3) 8s 11m 9M 9° 18.5′ N 126° 12.3′ E
(5(119)02 Manila)

92310 4Ed. 10/17/98 LAST NM 41/06 48/06
Change Light to FR 10° 21.6′ N 125° 34.7′ E
(10(203)02 Manila; BA LL)

92310 4Ed. 10/17/98 LAST NM 48/06 5/11
Add Light Fl R 5s 7M 10° 16.7′ N 125° 08.3′ E
(UKHO ARCS 4474-0)

92310 4Ed. 10/17/98 LAST NM 5/11 7/11
Change Light to Fl 3s 9° 54.8′ N 125° 17.0′ E

Visibility (range) of light to 7M 9° 47.5′ N 125° 35.1′ E
Note: Obscured sector unchanged
(UKHO ARCS 4475-0)

92310 4Ed. 10/17/98 LAST NM 7/11 8/11
Change Characteristic of light to Fl 5s 9° 48.7′ N 125° 42.9′ E
(UKHO ARCS 4475-0)

92310 4Ed. 10/17/98 LAST NM 8/11 17/11
Add Light Fl G 5s 7M 8° 51.4′ N 125° 03.8′ E
(5(140)08 Manila; UKHO LL)

92310 4Ed. 10/17/98 LAST NM 17/11 26/11
Add Light Fl 10s 9° 49.3′ N 125° 26.1′ E
(3(39)11 Manila)

92310 4Ed. 10/17/98 LAST NM 26/11 32/11
Add Depth 8.9 meters "Rep (2007)" [I4] 9° 59.8′ N 125° 50.7′ E
(UKHO ARCS 4475-0)

92310 4Ed. 10/17/98 LAST NM 32/11 34/11
Change Characteristic of light to Fl R 5s 10° 21.6′ N 125° 34.7′ E
(4(120)08 Manila)

92310 4Ed. 10/17/98 LAST NM 34/11 35/11
Change Characteristic of light to Fl 5s 10° 15.3′ N 125° 14.9′ E
(10(241)08 Manila)

92310 4Ed. 10/17/98 LAST NM 35/11 41/11
Change Height of light to 10m 10° 10.3′ N 125° 27.7′ E
(UKHO LL)

92310 4Ed. 10/17/98 LAST NM 41/11 42/11
Change Visibility (range) of light to 24M 10° 44.7′ N 125° 00.8′ E
(7(79)09 Manila; UKHO LL)

92310 4Ed. 10/17/98 LAST NM 42/11 12/12
Add Light Fl(2) 10s 9° 00.7′ N 125° 10.3′ E
(11(249)10 Manila)

92310 4Ed. 10/17/98 LAST NM 12/12 4/13
Add Submarine cable (power) [L31.1] between
9° 32.1′ N 125° 51.6′ E
9° 34.3′ N 125° 56.3′ E
(3(27)12 Manila)

92310 4Ed. 10/17/98 LAST NM 4/13 29/13
Add Depth 47 meters "Rep (2007)" enclosed by
dotted-line circle centered [I3.2] 10° 16.2′ N 125° 50.7′ E
(NTM0015/2013)

92310 4Ed. 10/17/98 LAST NM 29/13 35/13
Change Legend to "Rep (2008)" 10° 16.2′ N 125° 50.7′ E
(See 29/13-92310)
(NTM0015/2013)

★**92320** 4Ed. 6/27/98 NEW EDITION 40/98
Delete Light 9° 36.2′ N 124° 15.9′ E

Depth
7.9 meters Obstn 10° 17.2′ N 123° 53.7′ E
7.9 meters Obstns 10° 16.7′ N 123° 53.1′ E
2.3 meters Obstns 10° 14.8′ N 123° 53.0′ E

Relocate Light close SE to 9° 51′ 37″N 123° 49′ 05″E

Change Light to
Fl G 5s 7M 10° 20.1′ N 123° 59.1′ E
Fl WR 5s 61m 6M 10° 19.0′ N 123° 53.4′ E
Fl 10s 16m 12M 10° 14.2′ N 123° 53.5′ E
QG 9° 44.2′ N 123° 50.5′ E
FR 11m 3M 10° 09.3′ N 124° 09.5′ E
Fl R 5s 10M 9° 57.5′ N 123° 57.5′ E
Fl 3s 14m 12M 9° 39.5′ N 123° 49.7′ E
Fl 5s 10m 11M 9° 53.3′ N 123° 45.7′ E

Characteristic of light to
Fl R 5s 9° 37.2′ N 123° 54.7′ E
Fl R 5s 9° 36.0′ N 124° 00.6′ E
Fl 7s 9° 31.0′ N 123° 41.1′ E

Add Anchorage symbol (large vessels)
9° 43′ 46″N 123° 49′ 05″E
9° 43′ 34″N 123° 49′ 41″E
9° 43′ 04″N 123° 50′ 05″E
9° 42′ 40″N 123° 50′ 23″E
9° 41′ 52″N 123° 50′ 23″E
9° 41′ 20″N 123° 50′ 23″E
9° 40′ 44″N 123° 50′ 23″E

Legend
"(sheltering vessels)" 9° 43′ 16″N 123° 48′ 56″E
"(lay-up)" 9° 41′ 48″N 123° 49′ 54″E

Position circle "Dols" 10° 13′ 17″N 123° 56′ 03″E
Beacon 10° 14′ 32″N 123° 57′ 23″E
Light Fl(2) 4s 9° 35′ 56″N 124° 15′ 40″E

(And Plan)
Add Pilot station symbol 9° 39′ 28″N 123° 49′ 35″E

(Plan)
Change Light
"3" to Fl G 5s 5m 3M 9° 39′ 28″N 123° 49′ 46″E
"7" to Fl G 5s 9m 3M 9° 39′ 03″N 123° 50′ 26″E

Add Quarantine anchorage symbol 9° 39′ 10″N 123° 49′ 29″E

Anchorage symbol (large vessels)
9° 39′ 19″N 123° 49′ 34″E
9° 39′ 34″N 123° 49′ 36″E

Anchorage symbol (small vessels)
9° 38′ 54″N 123° 50′ 19″E
9° 39′ 01″N 123° 50′ 11″E
9° 39′ 06″N 123° 50′ 23″E
9° 39′ 14″N 123° 50′ 19″E
9° 39′ 15″N 123° 50′ 11″E

Anchorage symbol (small vessels) with
legend "(tankers)" 9° 38′ 58″N 123° 50′ 35″E
(NIMA; GIMM047/98)

92320 4Ed. 6/27/98 LAST NM 40/98 2/00
Add Submarine cable [L30.1] joining 9° 33′ 18″N 123° 36′ 15″E
9° 37′ 24″N 123° 38′ 30″E
9° 42′ 55″N 123° 39′ 43″E
9° 47′ 24″N 123° 40′ 41″E
10° 09′ 16″N 123° 49′ 44″E
10° 11′ 34″N 123° 49′ 42″E
10° 12′ 44″N 123° 50′ 05″E
10° 13′ 14″N 123° 50′ 03″E
10° 13′ 51″N 123° 49′ 51″E
10° 14′ 16″N 123° 49′ 27″E
(GIMM066/98)

92320 4Ed. 6/27/98 LAST NM 2/00 3/00
Delete R Bn (AERO) 10° 18′ 16″N 123° 59′ 10″E

Change Light to Fl(3) G 15s 11M 10° 20′ 07″N 123° 59′ 12″E

Add R Bn (AERO) at light 10° 19′ 15″N 123° 58′ 46″E
(47(4382)99 Taunton)

92320 4Ed. 6/27/98 LAST NM 3/00 13/00
Add Light Fl R 5s 9° 54′ 38″N 123° 48′ 48″E
(9(47)99 Manila)

92320 4Ed. 6/27/98 LAST NM 13/00 16/00
Delete Light 9° 39′ 28″N 123° 49′ 41″E

Change Light to Fl 7s 30m 17M 9° 31′ 00″N 123° 41′ 04″E

Add Light "1" Fl G 3s 5m 6M 9° 39′ 29″N 123° 49′ 40″E
Light "1" Fl G 3s 2m 3M 10° 03′ 31″N 123° 59′ 06″E

(continued on next page)

92320 (Continued) 16/00
Light "2" Fl R 3s 2m 3M 10° 00′ 32″N 123° 56′ 51″E

(Plan)
Delete Light 9° 39′ 28.0″N 123° 49′ 40.0″E
Beacon "8" 9° 38′ 58.0″N 123° 50′ 26.0″E

Add Light "1" Fl G 3s 5m 6M 9° 39′ 28.8″N 123° 49′ 40.0″E
Light "2" Fl R 5s 2m 3M 9° 39′ 23.8″N 123° 49′ 44.0″E
Light "5" Fl G 3s 2m 3M 9° 39′ 21.8″N 123° 49′ 57.0″E
Light "8" Fl R 5s 2m 3M 9° 38′ 59.8″N 123° 50′ 25.0″E
Buoy, pillar, Fl Y 3s 9° 39′ 27.8″N 123° 49′ 46.0″E
(5(13, 14, 17), 7(Sect IV), 11(57, Sect. IV)99 Manila; Phil CH 4429A; BA LL)

92320 4Ed. 6/27/98 LAST NM 16/00 30/00
Add Wreck [K29] (PA) 10° 19′ 56″N 124° 06′ 05″E
(2(4, Sect. IV)99 Manila)

92320 4Ed. 6/27/98 LAST NM 30/00 32/00
Add Stranded wreck [K24] 10° 17′ 47″N 124° 08′ 33″E
(2(Sec IV), 3(9)00 Manila)

92320 4Ed. 6/27/98 LAST NM 32/00 34/00
Change Period of light to 10s 9° 35′ 56″N 124° 15′ 40″E
(2(Sec IV)99 Manila)

92320 4Ed. 6/27/98 LAST NM 34/00 38/00
Change Light to Fl 5s 9m 9M 9° 44′ 14″N 123° 50′ 29″E
(5(21)99 Manila)

92320 4Ed. 6/27/98 LAST NM 38/00 40/00
Delete Buoy "2" 10° 21′ 27″N 124° 00′ 32″E

Add Buoy "18" R, pillar, Fl R 5s 10° 13′ 26″N 123° 54′ 36″E
Buoy "3" G, pillar, Fl G 5s 10° 20′ 32″N 124° 00′ 15″E
Buoy "2" R, pillar, Fl R 5s 10° 21′ 20″N 124° 00′ 13″E
(1(1)97, 6(30), 12(Sec IV)99 Manila)

92320 4Ed. 6/27/98 LAST NM 40/00 5/01
Change Light to Fl G 5s 9m 6M 10° 20′ 07″N 123° 59′ 12″E
(6(Sec IV)00 Manila)

92320 4Ed. 6/27/98 LAST NM 5/01 7/01
Add Buoy "1" Y, conical, Fl Y 3s 9° 52′ 32″N 123° 49′ 25″E
Buoy "2" Y, conical, Fl Y 3s 9° 52′ 22″N 123° 49′ 15″E
(6(26)00 Manila)

92320 4Ed. 6/27/98 LAST NM 7/01 41/01
Change Visibility (range) of light to 3M 9° 37′ 12″N 123° 54′ 48″E
Visibility (range) of light to 8M 9° 53′ 19″N 123° 45′ 48″E
(BA LL)

92320 4Ed. 6/27/98 LAST NM 41/01 43/01
Change Height of light to 37m 9° 31′ 00″N 123° 41′ 04″E
(43(4184)00 Taunton)

92320 4Ed. 6/27/98 LAST NM 43/01 48/01
Change Period of light to 4s 9° 35′ 56″N 124° 15′ 40″E
Height of light to 13m 9° 44′ 14″N 123° 50′ 29″E
Height of light to 10m 9° 39′ 29″N 123° 49′ 40″E
Characteristic of light to Fl R 3s
10° 03′ 31″N 123° 59′ 06″E

(Plan)
Change Height of light "1" to 10m 9° 39′ 28.8″N 123° 49′ 40.0″E
Height of light "2" to 6m 9° 39′ 23.8″N 123° 49′ 44.0″E

Visibility (range) of light "7" to 6M
9° 39′ 03.0″N 123° 50′ 26.0″E
(8(98)01 Manila; BA LL)

92320 4Ed. 6/27/98 LAST NM 48/01 7/02
Change Light to Fl 5s 16m 3M 10° 14′ 08″N 123° 53′ 31″E
(BA LL)

92320 4Ed. 6/27/98 LAST NM 7/02 10/02
Change Visibility (range) of light to 13M
10° 14′ 08″N 123° 53′ 31″E
Characteristic of light to Fl G 3s
10° 03′ 31″N 123° 59′ 06″E
(See 48/01, 7/02-92320)

(Plan A)
Change Visibility (range) of beacon to 3M
9° 39′ 03.0″N 123° 50′ 26.0″E
(10(112, 113, 126)01 Manila)

92320 4Ed. 6/27/98 LAST NM 10/02 51/05
Change Light to Fl(3) 15s 2m 3M 10° 03′ 24″N 123° 53′ 56″E
(BA LL)

92320 4Ed. 6/27/98 LAST NM 51/05 12/06
(Plan)
Relocate Buoy from 9° 39′ 23.8″N 123° 49′ 44.0″E to
9° 39′ 28.0″N 123° 49′ 39.0″E
(7(160)02 Manila; BA LL)

92320 4Ed. 6/27/98 LAST NM 12/06 47/06
Change Light to Fl G 7s 10m 6M 9° 39′ 33″N 123° 49′ 35″E
(8(170)02 Manila; BA LL)

92320 4Ed. 6/27/98 LAST NM 47/06 11/07
Change Period of light to 10s 10° 14′ 06″N 123° 53′ 31″E
(4(38)03 Manila)

92320 4Ed. 6/27/98 LAST NM 11/07 29/07
Add Buoy "19" G, pillar, Fl G 5s 10° 14′ 42″N 123° 52′ 36″E
(10(146)04 Manila)

92320 4Ed. 6/27/98 LAST NM 29/07 44/10
Add Light F 20m 7M 10° 21′ 15″N 124° 00′ 12″E
(8(179)10 Manila)

92320 4Ed. 6/27/98 LAST NM 44/10 45/10
Change Visibility (range) of light to 11M
10° 20′ 07″N 123° 59′ 12″E
(2(9)08 Manila; UKHO LL)

92320 4Ed. 6/27/98 LAST NM 45/10 9/11
(Plan)
Change Period of light to 5s 9° 39′ 21.8″N 123° 49′ 57.0″E
(UKHO ARCS 3801-3)

92320 4Ed. 6/27/98 LAST NM 9/11 17/11
(Plan)
Change Characteristic of light to Fl Y 5s
9° 39′ 28.0″N 123° 49′ 46.0″E
(5(145)08 Manila)

92320 4Ed. 6/27/98 LAST NM 17/11 18/11
Add Submarine cable [L30.1] joining
10° 12′ 10″N 123° 51′ 22″E
10° 12′ 34″N 123° 51′ 16″E
10° 13′ 06″N 123° 50′ 50″E
10° 13′ 35″N 123° 50′ 46″E
10° 14′ 14″N 123° 50′ 27″E
(11(178)03 Manila; UKHO ARCS 4473-0)

92320 4Ed. 6/27/98 LAST NM 18/11 22/11
Delete Buoy "19" 10° 14′ 42″N 123° 52′ 36″E
Buoy "18" 10° 13′ 26″N 123° 54′ 36″E

Change Shape of buoy to barrel 10° 20′ 32″N 124° 00′ 15″E

Add Buoy "19" G, can, Fl G 3s 10° 14′ 36″N 123° 52′ 40″E
Buoy "18" R, barrel, Fl R 5s 10° 13′ 16″N 123° 54′ 36″E
(UKHO ARCS 13-0)

92320 4Ed. 6/27/98 LAST NM 22/11 26/11
Delete Light 10° 19′ 00″N 123° 53′ 24″E
(9(873)06 Taunton)

92320 4Ed. 6/27/98 LAST NM 26/11 30/11
Change Characteristic of beacon "No 1" to Fl R 5s
9° 39′ 33″N 123° 49′ 35″E

(Plan)
Change Characteristic of beacon "No 1" to Fl R 5s
9° 39′ 28.8″N 123° 49′ 40.0″E
(UKHO LL)

92320 4Ed. 6/27/98 LAST NM 30/11 32/11
Change Buoy "2" to R, barrel, Fl R 10° 21′ 20″N 124° 00′ 13″E
(UKHO ARCS 13-0)

92320 4Ed. 6/27/98 LAST NM 32/11 35/11
(Plan)
Change Period of light "8" to 3s 9° 38′ 59.8″N 123° 50′ 25.0″E
(10(238)08 Manila)

92320 4Ed. 6/27/98 LAST NM 35/11 39/11
Change Characteristic of light to Fl R 5s
10° 09′ 18″N 124° 09′ 32″E
(4(45)09 Manila)

92320 4Ed. 6/27/98 LAST NM 39/11 53/11
Delete R Bn (AERO) 10° 19′ 15″N 123° 58′ 46″E
Buoy "3" 10° 20′ 32″N 124° 00′ 15″E
Buoy "19" 10° 14′ 36″N 123° 52′ 40″E
(See 22/11-92320)

Change Characteristic of buoy "2" to Fl R 5s
10° 21′ 20″N 124° 00′ 13″E
(See 32/11-92320)
(NTM0030/2011; UKHO LL)

92320 4Ed. 6/27/98 LAST NM 53/11 5/12
Change Characteristic of light to Fl G 7s 9° 39′ 33″N 123° 49′ 35″E
(See 30/11-92320)

(Plan)
Change Characteristic of beacon "1" to Fl G 7s
9° 39′ 28.8″N 123° 49′ 40.0″E

Period of beacon "8" to 5s 9° 38′ 59.8″N 123° 50′ 25.0″E
(See 35/11-92320)

Add Light Fl R 5s 15m 10M 9° 38′ 59.7″N 123° 50′ 42.5″E

"Works in Progress" area [F32] bound by shore
and dashed line joining 9° 38′ 54.2″N 123° 51′ 02.4″E
9° 38′ 53.0″N 123° 50′ 45.0″E
9° 39′ 02.5″N 123° 50′ 39.9″E
9° 39′ 03.9″N 123° 50′ 42.1″E
9° 38′ 57.4″N 123° 50′ 46.7″E
9° 38′ 57.4″N 123° 50′ 53.7″E
9° 38′ 55.6″N 123° 50′ 53.7″E
9° 38′ 56.2″N 123° 51′ 01.2″E
and delete all hydrography within above area
(11(244)11 Manila; UKHO ARCS 3801-3; UKHO LL)

92320 4Ed. 6/27/98 LAST NM 5/12 7/12
Add Pilot station symbol [T1.1] 10° 13′ 41″N 123° 53′ 13″E
Pilot station symbol [T1.1] 10° 21′ 15″N 124° 00′ 43″E
(7(143)06 Manila)

92320 4Ed. 6/27/98 LAST NM 7/12 44/12
(Plan)
Delete Buoy 9° 39′ 28.0″N 123° 49′ 39.0″E

Substitute Buoy "3", pillar, Fl Y 5s for light "3"
9° 39′ 28.0″N 123° 49′ 46.0″E
(6(102)12 Manila)

★**92330** 3Ed. 7/4/98 NEW EDITION 45/98
Change Characteristic of light to Fl G 5s 9° 55.4′ N 123° 20.5′ E
Visibility (range) of light to 11M 9° 53.3′ N 123° 45.5′ E

Add Legend "CHART 92302" 9° 35′ 48″N 123° 06′ 06″E
(NIMA; BA LL)

92330 3Ed. 7/4/98 LAST NM 45/98 47/99
Change Characteristic of light to Fl 3s 9° 55′ 23″N 123° 20′ 38″E
(8(Sect IV)98 Manila)

92330 3Ed. 7/4/98 LAST NM 47/99 2/00
Add Submarine cable [L30.1] joining 9° 14′ 29″N 123° 17′ 45″E
9° 14′ 29″N 123° 18′ 35″E
9° 14′ 30″N 123° 18′ 44″E
9° 14′ 31″N 123° 20′ 31″E
9° 15′ 46″N 123° 22′ 33″E
9° 17′ 02″N 123° 23′ 25″E
9° 19′ 15″N 123° 24′ 25″E
9° 19′ 54″N 123° 24′ 53″E
9° 20′ 17″N 123° 25′ 55″E
9° 21′ 05″N 123° 28′ 46″E
9° 21′ 23″N 123° 29′ 06″E
9° 22′ 36″N 123° 29′ 22″E
9° 24′ 12″N 123° 31′ 18″E
9° 26′ 42″N 123° 32′ 40″E
9° 37′ 24″N 123° 38′ 30″E
9° 42′ 55″N 123° 39′ 43″E
9° 47′ 24″N 123° 40′ 41″E
10° 00′ 52″N 123° 46′ 11″E

Submarine cable [L30.1] joining 9° 14′ 29″N 123° 17′ 45″E
9° 14′ 25″N 123° 17′ 52″E
9° 14′ 00″N 123° 19′ 00″E
9° 12′ 06″N 123° 20′ 32″E
(GIMM066/98)

92330 3Ed. 7/4/98 LAST NM 2/00 5/00
Add Submarine cable [L30.1] joining 9° 14′ 29″N 123° 17′ 43″E
9° 14′ 11″N 123° 17′ 52″E
9° 13′ 30″N 123° 18′ 49″E
9° 12′ 06″N 123° 19′ 42″E
(GIMM066/98)

92330 3Ed. 7/4/98 LAST NM 5/00 16/00
Change Light to Fl 7s 30m 17M 9° 31′ 00″N 123° 41′ 04″E
(5(17)99 Manila)

92330 3Ed. 7/4/98 LAST NM 16/00 38/00
Change Light to Fl 5s 9m 9M 9° 55′ 23″N 123° 20′ 38″E
(See 47/99-92330)
(5(16)99 Manila)

92330 3Ed. 7/4/98 LAST NM 38/00 42/00
Change Line 2 of CAUTION note to
"submarine cables." 9° 28′ 00″N 123° 07′ 00″E

Add Purple composite line (submarine power cable
area limit) [L31.2] joining 9° 28′ 14″N 123° 12′ 20″E
9° 30′ 49″N 123° 12′ 50″E
9° 31′ 33″N 123° 16′ 21″E
9° 32′ 29″N 123° 18′ 17″E

Purple composite line (submarine power cable
area limit) [L31.2] joining 9° 28′ 30″N 123° 11′ 31″E
9° 33′ 42″N 123° 18′ 35″E
9° 32′ 34″N 123° 16′ 05″E
9° 31′ 45″N 123° 12′ 08″E

Legend "SUBMARINE POWER CABLE
AREA-SEE CAUTION" 9° 32′ 00″N 123° 15′ 30″E

Buoy, pillar 9° 28′ 39″N 123° 12′ 02″E
Buoy, pillar 9° 28′ 34″N 123° 12′ 15″E
Buoy, pillar 9° 33′ 09″N 123° 18′ 23″E
Buoy, pillar 9° 33′ 01″N 123° 18′ 23″E
(5(29)99 Manila)

92330 3Ed. 7/4/98 LAST NM 42/00 32/01
Change Light to Fl 5s 11m 10M 9° 28′ 00″N 123° 13′ 36″E
(4(28)01 Manila)

92330 3Ed. 7/4/98 LAST NM 32/01 41/01
Change Light to Fl R 10s 10m 12M 10° 04′ 10″N 123° 26′ 46″E
Visibility (range) of light to 8M 9° 53′ 24″N 123° 45′ 32″E
(BA LL)

92330 3Ed. 7/4/98 LAST NM 41/01 43/01
Change Height of light to 37m 9° 31′ 00″N 123° 41′ 04″E
Height of light to 25m 9° 55′ 23″N 123° 20′ 38″E
(43(4183, 4184)00 Taunton)

92330 3Ed. 7/4/98 LAST NM 43/01 9/06
Change Period of light to 5s 10° 04′ 18″N 123° 26′ 46″E

Add Light Fl 7s 9° 37′ 18″N 123° 19′ 12″E
(11(222, 235)02 Manila; BA LL)

92330 3Ed. 7/4/98 LAST NM 9/06 13/11
Substitute Light Fl 5s 32m for position circle "TR"
9° 25′ 51″N 123° 23′ 22″E
(7(144)05 Manila)

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92330 3Ed. 7/4/98 LAST NM 13/11 18/11
Add Submarine cable [L30.1] between
9° 14′ 29″N 123° 17′ 45″E
9° 15′ 00″N 123° 19′ 03″E

Submarine cable [L30.1] between
9° 14′ 29″N 123° 17′ 45″E
9° 14′ 48″N 123° 19′ 00″E
(11(178)03 Manila; UKHO ARCS 4473-0)

92330 3Ed. 7/4/98 LAST NM 18/11 22/12
Add Light Fl(2) 10s 9° 35′ 31″N 123° 08′ 55″E
(2(14)12 Manila)

92330 3Ed. 7/4/98 LAST NM 22/12 37/12
Change Period of light to 5s 9° 18′ 49″N 123° 18′ 37″E
(UKHO LL)

92330 3Ed. 7/4/98 LAST NM 37/12 44/12
Add Light Fl(3) 15s 8m 15M 9° 18′ 01″N 123° 37′ 20″E
(6(104)12 Manila)

★**92350** 4Ed. 11/9/96 NEW EDITION 4/97
Delete Buoy "3" 10° 37.7′ N 122° 31.9′ E
(NIMA; 16(31)74 Manila)

92350 4Ed. 11/9/96 LAST NM 4/97 14/97
Change Period of light to 5s 11° 04.4′ N 123° 01.4′ E
(GIMM010/97)

92350 4Ed. 11/9/96 LAST NM 14/97 7/98
Add Buoy, can with light symbol 10° 39′ 36″N 122° 30′ 01″E
(5(35)97 Manila; GIMM066/97)

92350 4Ed. 11/9/96 LAST NM 7/98 17/98
Add Submarine cable joining 11° 00′ 01″N 122° 48′ 54″E
10° 58′ 53″N 122° 49′ 16″E
10° 58′ 13″N 122° 49′ 42″E
10° 55′ 32″N 122° 50′ 54″E
10° 37′ 01″N 122° 51′ 08″E
10° 35′ 26″N 122° 51′ 59″E
10° 34′ 54″N 122° 52′ 17″E
10° 33′ 50″N 122° 52′ 41″E
(GIMM027/98)

92350 4Ed. 11/9/96 LAST NM 17/98 28/98
Add Submarine cable (power) with legend "(see Note)"
between 10° 53′ 50″N 122° 57′ 05″E
11° 01′ 38″N 122° 52′ 32″E

between 10° 42′ 50″N 122° 35′ 36″E
10° 42′ 33″N 122° 36′ 44″E

Legend "(see Note)" between 10° 48′ 24″N 122° 51′ 06″E
10° 46′ 48″N 122° 51′ 12″E

Note "SUBMARINE CABLES
Anchoring and fishing are prohibited
in the vicinity of the submarine
cables." 10° 57′ 36″N 122° 33′ 36″E
(10(73, 74)97 Manila)

92350 4Ed. 11/9/96 LAST NM 28/98 34/98
Add Anchorage symbol (large vessels)
10° 30′ 26″N 122° 47′ 23″E
Depth 13.1 meters 10° 39′ 36″N 122° 22′ 59″E
(12(90)97 Manila; 5(287)98 Taunton)

92350 4Ed. 11/9/96 LAST NM 34/98 46/99
Change Characteristic of light to Fl R 3s
10° 41′ 32″N 122° 35′ 03″E
Characteristic of light to Fl G 3s
10° 41′ 38″N 122° 35′ 06″E
(8(Sect IV)98 Manila)

92350 4Ed. 11/9/96 LAST NM 46/99 51/99
Add Submarine cable [L30.1] between
10° 39′ 00″N 122° 22′ 23″E
10° 40′ 14″N 122° 22′ 40″E
(GIMM066/98)

92350 4Ed. 11/9/96 LAST NM 51/99 52/99
Add Submarine cable [L30.1] joining
10° 40′ 09″N 122° 22′ 45″E
10° 39′ 35″N 122° 22′ 54″E
10° 38′ 39″N 122° 22′ 54″E
10° 38′ 03″N 122° 22′ 49″E
10° 36′ 32″N 122° 22′ 50″E
10° 35′ 27″N 122° 22′ 42″E
10° 34′ 46″N 122° 22′ 23″E
(GIMM066/1998)

92350 4Ed. 11/9/96 LAST NM 52/99 18/00
Delete Submarine cable (power) and legend "(see note)" between 10° 42′ 50″N 122° 35′ 36″E
10° 42′ 33″N 122° 36′ 44″E

Add Submarine cable (power) [L31.1] with legend "(see note)" between 10° 53′ 53″N 122° 57′ 47″E
11° 01′ 57″N 122° 52′ 24″E

Buoy, pillar 10° 55′ 51″N 122° 56′ 14″E
Buoy, pillar 10° 55′ 59″N 122° 56′ 27″E
Buoy, pillar 11° 00′ 55″N 122° 53′ 05″E
Buoy, pillar 11° 00′ 46″N 122° 52′ 52″E
(4(11)99 Manila)

92350 4Ed. 11/9/96 LAST NM 18/00 38/00
Change Light to Fl G 5s 20m 17M 11° 04′ 24″N 123° 01′ 22″E
Light to Fl 5s 9m 9M 10° 45′ 58″N 122° 40′ 39″E
Characteristic of light to Fl R 4s
10° 41′ 38″N 122° 35′ 06″E
Characteristic of light to Fl G 4s
10° 41′ 32″N 122° 35′ 03″E
(Supersedes 46/99-92350)
(5(18, 23, 24)99 Manila)

92350 4Ed. 11/9/96 LAST NM 38/00 40/00
Add Anchorage area "A" [N12.1] bound by purple dashed line joining 10° 42′ 26″N 122° 53′ 53″E
10° 44′ 55″N 122° 53′ 53″E
10° 44′ 55″N 122° 51′ 29″E
10° 42′ 26″N 122° 51′ 29″E

Anchorage area "B" [N12.1] bound by purple dashed line joining 10° 40′ 26″N 122° 54′ 41″E
10° 40′ 26″N 122° 51′ 23″E
10° 37′ 50″N 122° 51′ 23″E
10° 37′ 50″N 122° 52′ 29″E

Pilot station symbol [T1.1] 10° 41′ 26″N 122° 53′ 53″E
(2(4)00 Manila)

92350 4Ed. 11/9/96 LAST NM 40/00 9/01
Change Light to Fl 15s 34m 20M 10° 28′ 53″N 122° 28′ 28″E
(10(Sec IV)00 Manila; BA LL)

92350 4Ed. 11/9/96 LAST NM 9/01 47/01
Change Height of light to 8m 10° 41′ 32″N 122° 35′ 03″E
Height of light to 27m 10° 45′ 58″N 122° 40′ 39″E
Height of light to 9m 10° 41′ 38″N 122° 35′ 06″E
Height of light to 40m 11° 04′ 24″N 123° 01′ 22″E
(BA LL)

92350 4Ed. 11/9/96 LAST NM 47/01 30/04
Add Dangerous wreck [K28] 10° 36′ 47″N 122° 26′ 54″E
(10(1026)00 Taunton)

92350 4Ed. 11/9/96 LAST NM 30/04 36/04
Delete Dangerous wreck 10° 36′ 47″N 122° 26′ 54″E
(Supersedes 30/04-92350)
(15(1578)00 Taunton)

92350 4Ed. 11/9/96 LAST NM 36/04 9/06
Add Light Fl 7s 10° 40′ 00″N 122° 33′ 40″E
Light Fl 10s 10° 35′ 20″N 122° 30′ 45″E
(11(226, 227)02 Manila; BA LL)

92350 4Ed. 11/9/96 LAST NM 9/06 41/06
Add Wreck [K29] 10° 15′ 31″N 122° 29′ 09″E
(8(153)06 Manila)

92350 4Ed. 11/9/96 LAST NM 41/06 4/07
Add Light Fl 5s 10M 10° 24′ 15″N 122° 30′ 18″E
(10(204)02 Manila; BA LL)

92350 4Ed. 11/9/96 LAST NM 4/07 9/11
Change Period of light to 15s 10° 42′ 58″N 122° 42′ 47″E
(3(30)10 Manila)

92350 4Ed. 11/9/96 LAST NM 9/11 15/11
Add Light Fl R 5s 10° 42′ 13″N 122° 56′ 58″E
(6(117)05 Manila)

92350 4Ed. 11/9/96 LAST NM 15/11 16/11
Change Characteristic of light to Fl(2) 10s
10° 28′ 53″N 122° 28′ 28″E
(5(154)08 Manila)

92350 4Ed. 11/9/96 LAST NM 16/11 31/11
Delete Submarine pipeline between 10° 41′ 03″N 122° 56′ 17″E
10° 40′ 59″N 122° 57′ 00″E

Add Double solid line with land tint (pier) [F14]
between 10° 40′ 46″N 122° 56′ 57″E
10° 41′ 11″N 122° 56′ 03″E

Light Fl 5s 7M 10° 41′ 03″N 122° 56′ 17″E
Light Fl(2) R 5s 10° 31′ 23″N 122° 47′ 45″E
(2(31, 34)11 Manila; UKHO ARCS 4479-0)

92350 4Ed. 11/9/96 LAST NM 31/11 37/11
Change Characteristic of light to Fl 10s 11° 04′ 26″N 123° 01′ 22″E
(12(243)09 Manila)

92350 4Ed. 11/9/96 LAST NM 37/11 46/11
Add Light Fl 5s 10m 15M 10° 36′ 54″N 122° 43′ 28″E
(4(38)10 Manila; UKHO ARCS 4479-0; UKHO LL)

92350 4Ed. 11/9/96 LAST NM 46/11 47/11
Add Light Fl(2) 6s 12m 7M 10° 53′ 45″N 122° 56′ 52″E
(4(59)10 Manila; UKHO ARCS 4480-0; UKHO LL)

92350 4Ed. 11/9/96 LAST NM 47/11 48/11
Add Height 10m to light 10° 35′ 20″N 122° 30′ 45″E
(UKHO LL)

★**92356** 2Ed. 4/30/77 NEW EDITION 25/77
(DMAHC)

92356 2Ed. 4/30/77 LAST NM 25/77 2/86
(Plan A)
Add Buoys (mooring) 10° 41′ 49.2″N 122° 35′ 10.1″E
10° 41′ 47.7″N 122° 35′ 12.1″E
10° 41′ 43.0″N 122° 35′ 05.9″E
10° 41′ 41.5″N 122° 35′ 06.6″E
10° 41′ 55.5″N 122° 35′ 17.2″E

Position circles "Dol" 10° 42′ 07.7″N 122° 35′ 22.1″E
10° 42′ 13.7″N 122° 35′ 27.2″E
10° 41′ 52.3″N 122° 35′ 15.5″E

Depth 5 fathoms 5 feet 10° 41′ 14.8″N 122° 35′ 06.9″E
(20(23, 24), 21(25)85 Manila)

92356 2Ed. 4/30/77 LAST NM 2/86 42/86
Delete Buoy 10° 45.8′ N 122° 40.3′ E
Depths
0 fathom 5 feet 10° 44.6′ N 122° 43.5′ E
1 fathom 10° 44.7′ N 122° 43.5′ E
1 fathom 10° 44.6′ N 122° 43.6′ E
Swept depth 2 fathoms 3 feet 10° 45.1′ N 122° 41.0′ E

Add Position circle "Stake" 10° 45′ 52″N 122° 40′ 20″E
Depths
0 fathom 4 feet 10° 44′ 39″N 122° 43′ 37″E
0 fathom 4 feet 10° 44′ 36″N 122° 43′ 33″E
0 fathom 4 feet 10° 44′ 34″N 122° 43′ 33″E
2 fathoms 10° 45′ 05″N 122° 41′ 04″E
2 fathoms 10° 45′ 48″N 122° 44′ 54″E
(8(8), 9(9)/86 Manila)

92356 2Ed. 4/30/77 LAST NM 42/86 50/86
Delete Dangerous wreck 10° 36.8′ N 122° 26.9′ E

Add Depths
0 fathom 2 feet 10° 37′ 24″N 122° 28′ 32″E
1 fathom 4 feet 10° 36′ 37″N 122° 28′ 54″E
2 fathoms 10° 36′ 32″N 122° 28′ 25″E
2 fathoms 10° 36′ 22″N 122° 28′ 16″E
2 fathoms 10° 36′ 42″N 122° 27′ 37″E

(Plan A)
Add Buoys 10° 42′ 16.2″N 122° 35′ 29.3″E
10° 42′ 06.4″N 122° 35′ 21.1″E
10° 42′ 03.8″N 122° 35′ 22.0″E
10° 41′ 56.4″N 122° 35′ 18.2″E
10° 41′ 50.2″N 122° 35′ 10.7″E
10° 41′ 43.3″N 122° 35′ 06.4″E
10° 42′ 06.6″N 122° 34′ 08.9″E
(13(13), 14(14), 15(15)86 Manila)

92356 2Ed. 4/30/77 LAST NM 50/86 47/91
Add Anchorage area (large vessels) bound by
dashed line joining 10° 40′ 42″N 122° 35′ 42″E
10° 40′ 42″N 122° 36′ 24″E
10° 42′ 12″N 122° 36′ 24″E
10° 42′ 12″N 122° 35′ 42″E
(11(40)91 Manila)

92356 2Ed. 4/30/77 LAST NM 47/91 6/93
(And Plan A)
Change Characteristic of light to Fl R 5s
10° 41′ 41″N 122° 35′ 01″E
(24(67)91 Manila)

★**92356** 2Ed. 4/30/77 LAST NM 6/93 50/93
Add Chartlet, depicting changes in
hydrography and topography,
from back of Section I 10° 43.0′ N 122° 35.0′ E

(Plan A)
Add Chartlet, depicting changes in
hydrography and topography,
from back of Section I 10° 42′ 00″N 122° 35′ 10″E
(MCC C008/93)

92356 2Ed. 4/30/77 LAST NM 50/93 16/95
Add Legend
"Works in progress (1995)" 10° 42′ 00″N 122° 35′ 32″E
(See 50/93-92356)

(Plan A)
Add Legend
"Works in progress (1995)" 10° 41′ 31″N 122° 35′ 03″E
(7(582)95 Taunton)

92356 2Ed. 4/30/77 LAST NM 16/95 32/95
Add Light Fl(3) 6s 10° 43′ 03″N 122° 42′ 41″E
(5(20)95 Manila)

92356 2Ed. 4/30/77 LAST NM 32/95 9/97
Add Quarantine anchorage symbol 10° 41′ 48″N 122° 35′ 48″E

Anchorage symbol (large vessels) with
legend "Dangerous Cargo" 10° 44′ 40″N 122° 36′ 24″E
(See 50/93-92356)
(6(11)96 Manila)

92356 2Ed. 4/30/77 LAST NM 9/97 7/98
Add Buoy, can with light symbol 10° 39′ 41″N 122° 29′ 56″E

Buoyage note
"BUOYAGE
IALA Buoyage System (Region B) is in
effect in the area covered by this
chart. See Chart No. 1." 10° 39′ 30″N 122° 40′ 00″E

(And Plan)
Add Buoys, each BY, pillar, double cone
topmark points upward, Q
"3" 10° 41′ 06.9″N 122° 34′ 16.5″E
"4" 10° 41′ 13.8″N 122° 34′ 05.9″E
(See 50/93-92356)

(Plan)
Add Buoy (mooring) 10° 41′ 56.0″N 122° 35′ 17.6″E
10° 41′ 49.8″N 122° 35′ 11.0″E
(NIMA; 5(35)97 Manila; GIMM066/97)

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92356 2Ed. 4/30/77 LAST NM 7/98 28/98
Add Submarine cable (power) with legend
"(see Note)" between 10° 42′ 54″N 122° 35′ 31″E
10° 42′ 38″N 122° 36′ 39″E

Buoy, pillar 10° 42′ 51″N 122° 35′ 45″E
10° 42′ 48″N 122° 35′ 55″E
10° 42′ 43″N 122° 36′ 17″E
10° 42′ 41″N 122° 36′ 28″E

Note "SUBMARINE CABLES
Anchoring and fishing are prohibited
in the vicinity of the submarine
cables." 10° 38′ 21″N 122° 40′ 00″E
(See 50/93-92356)
(10(74)98 Manila)

92356 2Ed. 4/30/77 LAST NM 28/98 46/99
Change Characteristic of light to Fl R 3s
10° 41′ 36″N 122° 34′ 57″E
Characteristic of light to Fl G 3s
10° 41′ 41″N 122° 35′ 01″E
(See 50/93-92356)

(Plan A)
Change Characteristic of light to Fl R 3s
10° 41′ 35.7″N 122° 34′ 56.6″E
Characteristic of light to Fl G 3s
10° 41′ 41.0″N 122° 35′ 01.1″E
(See 50/93-92356)
(8(Sect IV)98 Manila)

92356 2Ed. 4/30/77 LAST NM 46/99 38/00
Change Light to Fl 5s 30ft 9M 10° 46′ 03″N 122° 40′ 34″E
Characteristic of light to Fl G 4s
10° 41′ 36″N 122° 34′ 57″E
Characteristic of light to Fl R 4s
10° 41′ 41″N 122° 35′ 01″E
(See 50/93, 46/99-92356)

(Plan A)
Change Characteristic of light to Fl G 4s
10° 41′ 35.7″N 122° 34′ 56.6″E
Change Characteristic of light to Fl R 4s
10° 41′ 41.0″N 122° 35′ 01.1″E
(5(23, 24)99 Manila)

92356 2Ed. 4/30/77 LAST NM 38/00 47/01
Change Height of light to 89ft 10° 46′ 03″N 122° 40′ 34″E

(Plan A)
Change Height of light to 26ft 10° 41′ 35.7″N 122° 34′ 56.6″E
Height of light to 30ft 10° 41′ 41.0″N 122° 35′ 01.1″E
(See 50/93-92356)
(BA LL)

92356 2Ed. 4/30/77 LAST NM 47/01 30/04
Add Dangerous wreck [K28] 10° 36′ 47″N 122° 26′ 54″E
(10(1026)00 Taunton)

92356 2Ed. 4/30/77 LAST NM 30/04 36/04
Delete Dangerous wreck 10° 36′ 47″N 122° 26′ 54″E
(Supersedes 30/04-92356)
(15(1578)00 Taunton)

92356 2Ed. 4/30/77 LAST NM 36/04 9/06
Add Light Fl 7s 10° 40′ 00″N 122° 33′ 40″E
Light Fl 10s 10° 35′ 20″N 122° 30′ 45″E
(11(226, 227)02 Manila; BA LL)

92356 2Ed. 4/30/77 LAST NM 9/06 9/11
Change Period of light to 15s 10° 43′ 03″N 122° 42′ 41″E
(3(30)10 Manila)

92356 2Ed. 4/30/77 LAST NM 9/11 46/11
Add Light Fl 5s 10m 15M 10° 36′ 58″N 122° 43′ 23″E
(4(38)10 Manila; UKHO ARCS 4479-0; UKHO LL)

92356 2Ed. 4/30/77 LAST NM 46/11 48/11
Add Height 33ft to light 10° 35′ 20″N 122° 30′ 45″E
(UKHO LL)

★92360 3Ed. 7/25/98 NEW EDITION 41/98
(And Plan)
Change Light to Fl(3) 5s 15m 7M 10° 44′ 17″N 121° 56′ 11″E
(NIMA; GIMM047/98)

92360 3Ed. 7/25/98 LAST NM 41/98 38/00
Change Light to Fl 10s 30m 17M 10° 25′ 05″N 121° 55′ 15″E
Note: Visible sectors unchanged
(5(19)99 Manila)

92360 3Ed. 7/25/98 LAST NM 38/00 48/01
Change Height of light to 35m 10° 25′ 05″N 121° 55′ 15″E
(BA LL)

92360 3Ed. 7/25/98 LAST NM 48/01 50/06
Add Light Fl 5s 10° 55′ 30″N 121° 58′ 53″E
(10(206)02 Manila; BA LL)

92360 3Ed. 7/25/98 LAST NM 50/06 2/11
Delete Depth 741 meters 10° 26′ 18″N 121° 50′ 36″E
(UKHO ARCS 4480-0)

92360 3Ed. 7/25/98 LAST NM 2/11 8/11
Change Characteristic of light to Fl 5s 10° 44′ 17″N 121° 56′ 11″E

(Plan)
Change Characteristic of light to Fl 5s
10° 44′ 17.0″N 121° 56′ 11.0″E
(UKHO ARCS 4480-0)

92360 3Ed. 7/25/98 LAST NM 8/11 42/11
Add Visibility (range) 15M to light 10° 55′ 30″N 121° 58′ 53″E
(UKHO LL)

★92370 2Ed. 6/10/78 NEW EDITION 30/78
(DMAHC)

92370 2Ed. 6/10/78 LAST NM 30/78 21/79
Change Characteristic of light to Gp Fl R(3)
15sec 10° 28.8′ N 123° 25.2′ E
(26(87)78 Manila)

92370 2Ed. 6/10/78 LAST NM 21/79 22/79
Change Characteristic of light to Fl G 6sec
10° 30.35′ N 123° 42.80′ E
(2(6)79 Manila)

92370 2Ed. 6/10/78 LAST NM 22/79 41/81
Add Light FR 3M (PA) 10° 23.6′ N 123° 38.3′ E
(NVS6498/81)

92370 2Ed. 6/10/78 LAST NM 41/81 7/84
Delete Purple outlines of chart 92302 10° 23.5′ N 123° 27.4′ E
10° 58.6′ N 123° 23.3′ E
(DMAHTC)

92370 2Ed. 6/10/78 LAST NM 7/84 46/88
Change Characteristic of lights
to Fl 5s 10° 22.8′ N 123° 38.2′ E
Fl(3) 10s 10° 28.2′ N 123° 26.8′ E
(BA LL)

92370 2Ed. 6/10/78 LAST NM 46/88 19/90
Change Light to Fl R 5s 10° 57.6′ N 123° 19.2′ E
(BA LL)

92370 2Ed. 6/10/78 LAST NM 19/90 9/96
Change Light to FR 37ft 8M 10° 49.0′ N 123° 33.0′ E
(13(51)95 Manila)

92370 2Ed. 6/10/78 LAST NM 9/96 14/96
Add Depth
2 1/4 fathoms 10° 29′ 31″N 123° 25′ 55″E
14 fathoms 10° 26′ 54″N 123° 24′ 32″E

Buoy (mooring) 10° 29′ 20″N 123° 25′ 45″E
(8(700)96 Taunton)

92370 2Ed. 6/10/78 LAST NM 14/96 20/96
Change Characteristic of light to Fl(3) 12s 10° 07.3′ N 123° 16.3′ E
(11(49)95 Manila)

92370 2Ed. 6/10/78 LAST NM 20/96 28/96
Change Light to FR 10° 57.6′ N 123° 19.2′ E
(4(7)96 Manila)

92370 2Ed. 6/10/78 LAST NM 28/96 17/98
Add Submarine cable
joining 10° 57′ 33″N 123° 18′ 34″E
10° 59′ 23″N 123° 19′ 27″E
11° 00′ 00″N 123° 20′ 36″E

joining 11° 00′ 00″N 123° 33′ 18″E
10° 59′ 58″N 123° 33′ 20″E
10° 57′ 41″N 123° 36′ 54″E
10° 57′ 36″N 123° 37′ 24″E
10° 57′ 06″N 123° 37′ 52″E
10° 56′ 58″N 123° 38′ 37″E
10° 56′ 03″N 123° 40′ 23″E
10° 56′ 13″N 123° 41′ 22″E
10° 56′ 17″N 123° 42′ 28″E
11° 00′ 00″N 123° 45′ 03″E
(GIMM027/98)

92370 2Ed. 6/10/78 LAST NM 17/98 46/99
Change Characteristic of light to QR 10° 57′ 36″N 123° 19′ 12″E
(7(Sect IV)98 Manila)

92370 2Ed. 6/10/78 LAST NM 46/99 9/01
Change Light to Fl 5s 18M 10° 57′ 26″N 123° 19′ 17″E
(11(Sec IV)00 Manila; BA LL)

92370 2Ed. 6/10/78 LAST NM 9/01 32/01
Change Light to Fl 5s 43ft 10M 10° 30′ 23″N 123° 42′ 41″E
(4(23)01 Manila)

92370 2Ed. 6/10/78 LAST NM 32/01 34/01
Change Light to Fl 7s 121ft 18M 10° 28′ 14″N 123° 26′ 49″E
(4(24)01 Manila)

92370 2Ed. 6/10/78 LAST NM 34/01 48/01
Change Light to F RW (vert) (Priv) 10° 57′ 30″N 123° 24′ 30″E
Light to FR 4m 7M 10° 23′ 36″N 123° 38′ 18″E
(BA LL)

92370 2Ed. 6/10/78 LAST NM 48/01 50/06
Add Light Fl 5s 10M 10° 58′ 38″N 123° 32′ 30″E
(10(207)02 Manila; BA LL)

92370 2Ed. 6/10/78 LAST NM 50/06 1/11
Add Light Fl 5s 20ft 10M 10° 50′ 00″N 123° 52′ 01″E
(3(65)08 Manila; UKHO LL)

92370 2Ed. 6/10/78 LAST NM 1/11 15/11
Change Characteristic of light to Fl R 5s
10° 28′ 48″N 123° 25′ 12″E
(UKHO ARCS 3801-1)

92370 2Ed. 6/10/78 LAST NM 15/11 18/11
Add Submarine cable [L30.1] between
10° 58′ 19″N 123° 16′ 58″E
11° 00′ 00″N 123° 17′ 22″E
(11(178)03 Manila; UKHO ARCS 4479-0)

92370 2Ed. 6/10/78 LAST NM 18/11 40/11
Add Height 33ft to light 10° 58′ 38″N 123° 32′ 30″E
(12(263)10 Manila; UKHO LL)

92370 2Ed. 6/10/78 LAST NM 40/11 14/12
Add Buoy Y, conical, (Y Lt) 10° 23′ 21″N 123° 38′ 06″E
(2(25)12 Manila)

92370 2Ed. 6/10/78 LAST NM 14/12 49/12
Change Visibility (range) of light to 15M
10° 28′ 14″N 123° 26′ 49″E
Height of light to 39ft 10° 28′ 48″N 123° 25′ 12″E
(3(48, 49)12 Manila)

★**92380** 4Ed. 11/23/13 NEW EDITION N8/14
(NGA)

★**92383** 8Ed. 12/17/11 NEW EDITION N8/12
(NGA)

92383 8Ed. 12/17/11 LAST NM N8/12 N39/12
Add Dangerous wreck [K28] (PA)
10° 18′ 55.0″N 123° 56′ 16.0″E
(8(166)12 Manila)

★**92385** 5Ed. 3/17/12 NEW EDITION N21/12
(NGA)

★**92390** 3Ed. 2/16/85 NEW EDITION 22/85
(DMAHTC)

92390 3Ed. 2/16/85 LAST NM 22/85 45/88
Add Note in upper left margin of chart
"Cancellation of Loran-C Rate 9970-Z.
Loran-C Station 9970-Z on Yap was
moved to Guam. Lines of position for
9970-Z drawn on this chart are no
longer valid and should not be used."
(MCNM8161/88)

92390 3Ed. 2/16/85 LAST NM 45/88 47/92
Change Light to Fl(3) 10s 86m 15M 11° 53.4′ N 124° 16.7′ E
(7(12)92 Manila)

92390 3Ed. 2/16/85 LAST NM 47/92 34/93
Delete All reference to Loran-C rate 9970-Z
Note: Station permanently discontinued
(MCC1267/93)

92390 3Ed. 2/16/85 LAST NM 34/93 9/94
Add Light Fl(2) R 4s 12° 13′ 00″N 123° 31′ 54″E
(20(30)93 Manila)

92390 3Ed. 2/16/85 LAST NM 9/94 2/96
Add Light Fl(3) 15s 11° 43′ 18″N 124° 03′ 54″E
(MCC044/95)

92390 3Ed. 2/16/85 LAST NM 2/96 13/97
Change Characteristic of light to Fl(2) 10s 11° 43.3′ N 124° 03.9′ E
(GIMM010/97)

92390 3Ed. 2/16/85 LAST NM 13/97 52/97
Add Light Fl R 5s 11° 41′ 00″N 124° 21′ 15″E
(GIMM066/97)

92390 3Ed. 2/16/85 LAST NM 52/97 18/98
Add Submarine cable joining 12° 04′ 54″N 124° 25′ 00″E
12° 14′ 28″N 124° 15′ 29″E
12° 15′ 00″N 124° 15′ 16″E
(GIMM027/98)

92390 3Ed. 2/16/85 LAST NM 18/98 44/99
Change Period of light to 20s 11° 53′ 25″N 124° 16′ 38″E
(6(Sect IV)98 Manila)

92390 3Ed. 2/16/85 LAST NM 44/99 36/00
Change Light to Fl 10s 70m 17M 11° 53′ 25″N 124° 16′ 38″E
(7(Sec IV)99 Manila)

92390 3Ed. 2/16/85 LAST NM 36/00 9/06
Add Light Fl 5s 12° 14′ 06″N 124° 22′ 30″E
(11(230)02 Manila; BA LL)

92390 3Ed. 2/16/85 LAST NM 9/06 16/11
Add Light Fl G 5s 11° 55′ 15″N 123° 45′ 06″E
(5(155)08 Manila)

92390 3Ed. 2/16/85 LAST NM 16/11 24/11
Add Light Fl G 5s 10M 11° 52′ 16″N 123° 40′ 07″E
(12(264)05 Manila; UKHO LL)

92390 3Ed. 2/16/85 LAST NM 24/11 10/12
Change Characteristic of light to Fl(3) 20s
11° 53′ 25″N 124° 16′ 38″E
(11(238)10 Manila)

92390 3Ed. 2/16/85 LAST NM 10/12 26/12
Change Characteristic of light to Fl 10s 11° 53′ 25″N 124° 16′ 38″E
(See 10/12-92390)
(5(98)12 Manila)

92390 3Ed. 2/16/85 LAST NM 26/12 4/13
Add Light Fl(2) 10s 11° 48′ 42″N 123° 54′ 30″E
(9(170)12 Manila; UKHO LL)

★92400 3Ed. 8/6/83 NEW EDITION 42/83
Delete Legend "CHART 92302" 10° 58.2′ N 123° 23.7′ E
(DMAHTC)

★92400 3Ed. 8/6/83 LAST NM 42/83 32/84
Change DMA Stock No. to 92BCO92400
in lower left margin of chart
Note: Applicable to certain copies
of this chart only
(DMAHTC)

92400 3Ed. 8/6/83 LAST NM 32/84 19/90
Change Light to Fl R 5s 10° 57.6′ N 123° 19.2′ E
(BA LL)

92400 3Ed. 8/6/83 LAST NM 19/90 22/90
Change Period of light to 10s 11° 36.3′ N 123° 10.7′ E
(8(663)90 Taunton)

92400 3Ed. 8/6/83 LAST NM 22/90 26/90
Change Characteristic of lights to
Fl(3) 10s 11° 50.5′ N 123° 07.2′ E
Fl 4s 11° 38.3′ N 123° 21.4′ E
Note: Obscured sector unchanged
(10(830)90 Taunton; BA LL)

92400 3Ed. 8/6/83 LAST NM 26/90 51/91
Change Characteristic of light to Fl 5s 11° 50.5′ N 123° 07.2′ E
(25(1817)91 Taunton)

92400 3Ed. 8/6/83 LAST NM 51/91 11/92
Change Characteristic of light to Fl(3) 10s 11° 50.5′ N 123° 07.2′ E
(Supersedes 51/91-92400)
(47(3350)91 Taunton)

92400 3Ed. 8/6/83 LAST NM 11/92 14/92
Change Period of light to 4s 11° 36.3′ N 123° 10.7′ E
(48(3428)91 Taunton)

92400 3Ed. 8/6/83 LAST NM 14/92 29/92
Change Light to Fl(2) 10s 21m 14M 11° 36.3′ N 123° 10.7′ E
(Supersedes 14/92-92400)
(4(6)92 Manila)

92400 3Ed. 8/6/83 LAST NM 29/92 38/92
Change Characteristic of light to Fl R 5s 11° 27.1′ N 123° 09.1′ E
(13(989)92 Taunton)

92400 3Ed. 8/6/83 LAST NM 38/92 44/95
Add Light Fl(2) 5s 11° 42′ 48″N 122° 59′ 00″E
(7(33)95 Manila)

92400 3Ed. 8/6/83 LAST NM 44/95 28/96
Change Light to FR 10° 57.6′ N 123° 19.2′ E
(4(7)96 Manila)

92400 3Ed. 8/6/83 LAST NM 28/96 14/97
Change Period of light to 5s 11° 04.5′ N 123° 01.3′ E
(GIMM010/97)

92400 3Ed. 8/6/83 LAST NM 14/97 17/98
Add Submarine cable joining 10° 57′ 33″N 123° 18′ 34″E
10° 59′ 23″N 123° 19′ 27″E
11° 01′ 56″N 123° 23′ 54″E
11° 01′ 49″N 123° 26′ 01″E
11° 01′ 39″N 123° 26′ 31″E
11° 01′ 31″N 123° 28′ 50″E
11° 01′ 32″N 123° 31′ 17″E
11° 01′ 17″N 123° 32′ 36″E
10° 59′ 58″N 123° 33′ 20″E
10° 58′ 15″N 123° 35′ 48″E
(GIMM027/98)

92400 3Ed. 8/6/83 LAST NM 17/98 28/98
Add Submarine cable (power) with legend
"(see Note)" between 10° 53′ 54″N 122° 57′ 00″E
10° 57′ 42″N 122° 54′ 42″E

Legend "(see Note)" 11° 01′ 54″N 123° 27′ 48″E

Note "SUBMARINE CABLES
Anchoring and fishing are prohibited
in the vicinity of the submarine
cables." 10° 55′ 00″N 123° 11′ 00″E
(10(73)97 Manila)

92400 3Ed. 8/6/83 LAST NM 28/98 46/99
Change Characteristic of light to QR 10° 57′ 36″N 123° 19′ 12″E
(7(Sect IV)98 Manila)

92400 3Ed. 8/6/83 LAST NM 46/99 14/00
Add Dangerous wreck [K28] 11° 14′ 00″N 123° 31′ 54″E
(12(61)99 Manila)

92400 3Ed. 8/6/83 LAST NM 14/00 18/00
Delete Submarine cable (power) and legend
"(see note)" between 10° 53′ 54″N 122° 57′ 00″E
10° 57′ 42″N 122° 54′ 42″E

Add Submarine cable (power) [L31.1] with legend
"(see note)" between 10° 53′ 50″N 122° 57′ 45″E
10° 58′ 01″N 122° 54′ 36″E

Buoy, pillar 10° 55′ 55″N 122° 56′ 09″E
Buoy, pillar 10° 56′ 04″N 122° 56′ 22″E
(4(11)99 Manila)

92400 3Ed. 8/6/83 LAST NM 18/00 38/00
Change Light to Fl G 5s 20m 17M 11° 04′ 34″N 123° 01′ 17″E
Light to Fl 7s 20m 14M 11° 12′ 15″N 123° 20′ 13″E
Light to Fl 5s 9m 9M 11° 27′ 03″N 123° 09′ 04″E
(5(18, 20, 25)99 Manila)

92400 3Ed. 8/6/83 LAST NM 38/00 9/01
Change Light to Fl 5s 18M 10° 57′ 31″N 123° 19′ 12″E
(11(Sec IV)00 Manila; BA LL)

92400 3Ed. 8/6/83 LAST NM 9/01 35/01
Change Light to Fl 7s 21m 16M 11° 36′ 18″N 123° 10′ 42″E
Light to Fl 10s 23m 17M 11° 38′ 18″N 123° 21′ 24″E
Height of light to 15m 11° 27′ 03″N 123° 09′ 04″E
(See 38/00-92400)
(BA LL)

92400 3Ed. 8/6/83 LAST NM 35/01 39/01
Change Period of light to 10s 11° 42′ 48″N 122° 59′ 00″E
(BA LL)

92400 3Ed. 8/6/83 LAST NM 39/01 47/01
Change Height of light to 23m 11° 12′ 15″N 123° 20′ 13″E
Light to F RW (vert) 10° 57′ 30″N 123° 24′ 36″E
(BA LL)

92400 3Ed. 8/6/83 LAST NM 47/01 50/06
Add Light Fl 5s 10M 10° 58′ 38″N 123° 32′ 30″E
(10(207)02 Manila; BA LL)

92400 3Ed. 8/6/83 LAST NM 50/06 18/11
Add Submarine cable [L30.1] joining
10° 58′ 19″N 123° 16′ 58″E
11° 02′ 01″N 123° 17′ 40″E
11° 05′ 21″N 123° 19′ 03″E
11° 11′ 57″N 123° 19′ 08″E
11° 16′ 48″N 123° 20′ 15″E
11° 17′ 11″N 123° 20′ 28″E
11° 17′ 36″N 123° 20′ 27″E
11° 23′ 50″N 123° 21′ 59″E
11° 24′ 24″N 123° 21′ 56″E
11° 24′ 59″N 123° 22′ 17″E
11° 31′ 51″N 123° 23′ 58″E
11° 33′ 06″N 123° 23′ 37″E
11° 33′ 53″N 123° 23′ 41″E
11° 39′ 05″N 123° 22′ 56″E
11° 42′ 34″N 123° 21′ 44″E
11° 45′ 06″N 123° 19′ 29″E
11° 46′ 44″N 123° 16′ 57″E
11° 47′ 15″N 123° 14′ 06″E
11° 47′ 41″N 123° 11′ 33″E
11° 47′ 33″N 123° 06′ 49″E
11° 46′ 34″N 122° 54′ 48″E
(11(178)03 Manila; UKHO 4479-0)

92400 3Ed. 8/6/83 LAST NM 18/11 32/11
Change Characteristic of light to Fl R 7s
11° 27′ 03″N 123° 09′ 04″E
(10(170)07 Manila)

92400 3Ed. 8/6/83 LAST NM 32/11 33/11
Add Dangerous wreck [K28] 11° 37′ 05″N 123° 07′ 40″E
(7(185)08 Manila)

92400 3Ed. 8/6/83 LAST NM 33/11 37/11
Change Light to Fl 10s 40m 17M 11° 04′ 34″N 123° 01′ 17″E
(12(243)09 Manila; UKHO LL)

92400 3Ed. 8/6/83 LAST NM 37/11 40/11
Add Height 10m to light 10° 58′ 38″N 123° 32′ 30″E
(12(263)10 Manila; UKHO LL)

92400 3Ed. 8/6/83 LAST NM 40/11 45/11
Add Dangerous wreck [K28] 11° 00′ 26″N 123° 06′ 18″E
(7(158)11 Manila)

★**92410** 4Ed. 2/10/07 NEW EDITION 21/07
(NGA)

92410 4Ed. 2/10/07 LAST NM 21/07 4/11
Change Period of light to 5s 11° 05.2′ N 124° 01.7′ E
(11(234)10 Manila)

92410 4Ed. 2/10/07 LAST NM 4/11 7/11
Change Visibility (range) of light to 17M 11° 29.3′ N 123° 43.5′ E
(UKHO LL)

92410 4Ed. 2/10/07 LAST NM 7/11 9/11
Add Light Fl R 5s 11° 40.9′ N 124° 21.3′ E
Light Fl(2) 4s 11° 54.3′ N 123° 09.8′ E
Light Fl(3) 15s 10° 43.1′ N 122° 42.8′ E
(2(15), 3(30)10 Manila; UKHO ARCS 4478-0)

92410 4Ed. 2/10/07 LAST NM 9/11 10/11
Change Period of light to 10s 11° 53.4′ N 124° 16.6′ E
(UKHO ARCS 4478-0)

92410 4Ed. 2/10/07 LAST NM 10/11 15/11
Add Light Fl(2) 10s 11° 42.8′ N 122° 59.0′ E
Light Fl R 5s 10° 42.2′ N 122° 57.0′ E
(6(117)05 Manila; UKHO LL)

92410 4Ed. 2/10/07 LAST NM 15/11 16/11
Change Characteristic of light to Fl G 11° 36.3′ N 122° 42.4′ E
Characteristic of light to Fl R 11° 36.2′ N 122° 42.4′ E
(5(149)08 Manila; UKHO ARCS 972-3)

92410 4Ed. 2/10/07 LAST NM 16/11 17/11
Add Light Fl(2) 10s 11° 43.2′ N 124° 03.9′ E
(5(133)08 Manila)

92410 4Ed. 2/10/07 LAST NM 17/11 31/11
Change Beacon to Fl R 5s 14m 7M 11° 07.1′ N 123° 56.4′ E
(2(19)11 Manila; UKHO LL)

92410 4Ed. 2/10/07 LAST NM 31/11 32/11
Change Characteristic of light to Fl R 7s 11° 27.0′ N 123° 09.2′ E

Add Light Fl(2) 5s 11° 30.9′ N 124° 06.0′ E
(10(149, 170)07 Manila; UKHO ARCS 4477-0)

92410 4Ed. 2/10/07 LAST NM 32/11 33/11
Add Dangerous wreck [K28] 11° 37.0′ N 123° 07.8′ E
(7(185)08 Manila)

92410 4Ed. 2/10/07 LAST NM 33/11 37/11
Change Characteristic of light to Fl 10s 11° 04.5′ N 123° 01.3′ E
(12(243)09 Manila)

92410 4Ed. 2/10/07 LAST NM 37/11 39/11
Change Obscured sector of light to 135° -225°
11° 17.9′ N 123° 53.5′ E

Light to Fl 3s 52m 18M with visible sector
250° -288° 11° 18.3′ N 124° 03.8′ E

Characteristic of light to Fl(2) 10s 11° 11.0′ N 123° 42.7′ E
(4(51, 52)09 Manila; UKHO LL)

92410 4Ed. 2/10/07 LAST NM 39/11 40/11
Add Height 10m to light 10° 58.6′ N 123° 32.6′ E
(12(263)10 Manila; UKHO LL)

92410 4Ed. 2/10/07 LAST NM 40/11 45/11
Add Dangerous wreck [K28] 11° 00.4′ N 123° 06.4′ E
(7(158)11 Manila)

92410 4Ed. 2/10/07 LAST NM 45/11 46/11
Change Characteristic of light to FR 10° 49.0′ N 123° 33.1′ E
(4(83)10 Manila)

92410 4Ed. 2/10/07 LAST NM 46/11 51/11
Add Buoy Y, spherical, Fl(5) Y 10s 11° 21.3′ N 123° 41.9′ E
(7(149)10 Manila; UKHO ARCS 4478-0)

92410 4Ed. 2/10/07 LAST NM 51/11 10/12
Change Characteristic of light to Fl(3) 20s 11° 53.4′ N 124° 16.6′ E
(See 10/11-92410)
(11(238)10 Manila)

92410 4Ed. 2/10/07 LAST NM 10/12 26/12
Change Characteristic of light to Fl 10s 11° 53.4′ N 124° 16.6′ E
(See10/12-92410)
(5(98)12 Manila)

92410 4Ed. 2/10/07 LAST NM 26/12 4/13
Add Light Fl(2) 10s 11° 48.6′ N 123° 54.6′ E
(9(170)12 Manila; UKHO LL)

★**92420** 4Ed. 4/25/98 NEW EDITION 40/98
Change Height of light to 10m 11° 36.6′ N 122° 29.6′ E
Visibility (range) of light to 18M 11° 36.6′ N 122° 42.4′ E

Light to
FG 7M 11° 36.2′ N 122° 42.4′ E
FR 7M 11° 36.1′ N 122° 42.4′ E

CAUTION note to "SUBMARINE CABLE
Anchoring and fishing are prohibited in
the vicinity of the submarine cable."
11° 17.0′ N 122° 23.3′ E

Add Legend
"(see Note)" 11° 51.1′ N 122° 28.5′ E
"CONTINUED ON 92440" 11° 54.9′ N 122° 16.0′ E

(And Plan A)
Change Buoy
"N2" to "2" R, conical 11° 37′ 57″N 122° 29′ 51″E
"N4" to "4" R, conical 11° 37′ 18″N 122° 29′ 41″E
"C1" to "1" B, can 11° 37′ 48″N 122° 30′ 06″E

(continued on next page)

92420 (Continued) 40/98

(Plan A)

Change Light to Fl(3) 10s 10m 12M 11° 35′ 30″N 122° 29′ 35″E
and delete obscured sector

(Plan B)

Change Light to Fl 3s 48m 18M
with visible sector 318°-254° 11° 36′ 30″N 122° 42′ 21″E

Light to
FG 4m 7M 11° 36′ 12″N 122° 42′ 26″E
FR 4m 7M 11° 36′ 09″N 122° 42′ 24″E
(NIMA; GIMM047/98)

92420 4Ed. 4/25/98 LAST NM 40/98 13/00

Change Light to Fl(2) 5s 11° 47′ 42″N 122° 15′ 27″E
(9(Sect IV)99 Manila)

92420 4Ed. 4/25/98 LAST NM 13/00 34/00

Change Characteristic of light to Q(6) G 5s
11° 36′ 16″N 122° 42′ 25″E

(Plan B)

Change Characteristic of light to Q(6) G 5s
11° 36′ 12.8″N 122° 42′ 25.8″E
(10(Sec IV)99 Manila)

92420 4Ed. 4/25/98 LAST NM 34/00 38/00

Change Light to Fl 5s 9m 9M 11° 26′ 59″N 123° 09′ 09″E
(5(25)99 Manila)

92420 4Ed. 4/25/98 LAST NM 38/00 5/01

Change Light to Fl(3) 15s 12m 11M 11° 36′ 29″N 122° 29′ 36″E

(Plan A)

Change Light to Fl(3) 15s 12m 11M
11° 36′ 29.0″N 122° 29′ 36.0″E
(7(Sec IV)00 Manila; BA LL)

92420 4Ed. 4/25/98 LAST NM 5/01 35/01

Change Light to Fl 7s 21m 16M 11° 36′ 14″N 123° 10′ 40″E
Height of light to 15m 11° 26′ 59″N 123° 09′ 09″E
(See 38/00-92420)
(BA LL)

92420 4Ed. 4/25/98 LAST NM 35/01 39/01

Change Period of light to 10s 11° 42′ 48″N 122° 59′ 00″E
(BA LL)

92420 4Ed. 4/25/98 LAST NM 39/01 11/02

Change Light to Fl 5s 11° 54′ 18″N 123° 09′ 56″E
(12(170)01 Manila)

92420 4Ed. 4/25/98 LAST NM 11/02 4/06

Add Depth 4 meters Wk [K26] 11° 37′ 24.0″N 122° 29′ 42.0″E
(6(75)03 Manila)

92420 4Ed. 4/25/98 LAST NM 4/06 11/07

Change Period of light to 7s 11° 36′ 30″N 122° 42′ 20″E

(Plan B)

Change Period of light to 7s 11° 36′ 30.0″N 122° 42′ 20.0″E
(4(52)03 Manila)

92420 4Ed. 4/25/98 LAST NM 11/07 2/11

Change Light to Fl R 3s 4m 11M 11° 36′ 09″N 122° 42′ 24″E
Light to Fl G 3s 6m 7M 11° 36′ 16″N 122° 42′ 23″E

(Plan B)

Change Light to Fl R 3s 4m 11M 11° 36′ 08.8″N 122° 42′ 24.7″E
Light to Fl G 3s 6m 7M 11° 36′ 12.5″N 122° 42′ 25.5″E
(11(233)09 Manila; UKHO LL)

92420 4Ed. 4/25/98 LAST NM 2/11 7/11

Add Light Fl 5s 10m 15M 11° 33′ 18″N 122° 33′ 30″E
(UKHO ARCS 4485-0; UKHO LL)

92420 4Ed. 4/25/98 LAST NM 7/11 9/11

Change Light to Fl(2) 4s 11° 54′ 18″N 123° 09′ 56″E
(2(15)10 Manila)

92420 4Ed. 4/25/98 LAST NM 9/11 17/11

Delete Light 11° 36′ 29″N 122° 29′ 36″E

Add Light Fl(3) 10s 12m 12M 11° 35′ 34″N 122° 30′ 10″E

(Plan A)

Delete Light 11° 36′ 29.0″N 122° 29′ 36.0″E

Add Light Fl(3) 10s 12m 12M 11° 35′ 34.0″N 122° 30′ 10.0″E
(5(150)08 Manila; UKHO LL)

92420 4Ed. 4/25/98 LAST NM 17/11 18/11

Add Submarine cable [L30.1] joining
11° 54′ 55″N 122° 13′ 52″E
11° 46′ 12″N 122° 34′ 53″E
11° 46′ 11″N 122° 36′ 19″E
11° 45′ 43″N 122° 37′ 21″E
11° 45′ 43″N 122° 38′ 26″E
11° 43′ 54″N 122° 41′ 01″E
11° 39′ 12″N 122° 43′ 23″E
11° 36′ 25″N 122° 44′ 08″E

Submarine cable [L30.1] joining
11° 47′ 46″N 123° 10′ 54″E
11° 47′ 29″N 123° 06′ 56″E
11° 47′ 13″N 123° 06′ 11″E
11° 46′ 35″N 122° 55′ 04″E
11° 46′ 15″N 122° 53′ 27″E
11° 44′ 06″N 122° 49′ 10″E
11° 41′ 11″N 122° 46′ 02″E
11° 36′ 25″N 122° 44′ 08″E

(Plan B)

Add Submarine cable [L30.1] between
11° 37′ 35.0″N 122° 43′ 48.9″E
11° 36′ 25.1″N 122° 44′ 08.2″E

Submarine cable [L30.1] between
11° 37′ 35.0″N 122° 44′ 29.2″E
11° 36′ 25.1″N 122° 44′ 08.2″E
(11(178)03 Manila; UKHO ARCS 972-3, 4485-0)

92420 4Ed. 4/25/98 LAST NM 18/11 32/11

Change Characteristic of light to Fl R 7s
11° 26′ 59″N 123° 09′ 09″E
Period of light to 5s 11° 36′ 09″N 122° 42′ 24″E
(See 2/11-92420)

(Plan B)

Change Period of light to 5s 11° 36′ 08.8″N 122° 42′ 24.7″E
(10(170)07 Manila; UKHO LL)

92420 4Ed. 4/25/98 LAST NM 32/11 33/11

Add Dangerous wreck [K28] 11° 37′ 00″N 123° 07′ 45″E
(7(185)08 Manila)

★92430 1Ed. 10/30/10 NEW CHART 9/11
(NGA)

92430 1Ed. 10/30/10 LAST NM 9/11 42/11

Change Period of light to 10s 11° 51′ 42″N 121° 17′ 36″E

Add Light Fl 5s 11° 50′ 20″N 121° 25′ 00″E
(6(127, 128)11 Manila)

92430 1Ed. 10/30/10 LAST NM 42/11 3/12

Substitute Position circle "LtHo (disused)" for light
11° 35′ 47″N 121° 41′ 50″E

Change Characteristic of light to Fl(2) W 7s
11° 45′ 45″N 121° 50′ 42″E

Add Light Fl(2) W 10s 58m 20M 11° 36′ 27″N 121° 41′ 05″E
(5(107, 115)11 Manila; UKHO ARCS 4481-0)

92430 1Ed. 10/30/10 LAST NM 3/12 11/12

Change Characteristic of light to Fl W 7s
11° 45′ 45″N 121° 50′ 42″E
(See 3/12-92430)
(8(163)11 Manila)

★92440 5Ed. 11/27/10 NEW EDITION 12/11
(NGA)

92440 5Ed. 11/27/10 LAST NM 12/11 24/11
Change Period of light to 10s 12° 37′ 40″N 122° 09′ 48″E
(12(272)10 Manila)

★92450 4Ed. 11/27/10 NEW EDITION 12/11
(NGA)

★92460 2Ed. 6/26/10 NEW EDITION 32/10
(NGA)

★92470 3Ed. 6/21/86 NEW EDITION 37/86
(DMAHTC)

92470 3Ed. 6/21/86 LAST NM 37/86 40/88
Delete Depth 25.5 meters "Rep" 11° 31.3′ N 121° 19.9′ E
(MCNM8116/88)

92470 3Ed. 6/21/86 LAST NM 40/88 45/88
Add Note in upper left margin of chart "Cancellation of Loran-C Rate 9970-Z. Loran-C Station 9970-Z on Yap was moved to Guam. Lines of position for 9970-Z drawn on this chart are no longer valid and should not be used."
(MCNM8161/88)

92470 3Ed. 6/21/86 LAST NM 45/88 20/90
Change Characteristic of light to FG 10° 51.2′ N 121° 00.3′ E
(BA LL)

92470 3Ed. 6/21/86 LAST NM 20/90 22/90
Change Light to Q(3) R 5s 15m 3M 10° 44.3′ N 121° 56.2′ E
(8(664)90 Taunton)

92470 3Ed. 6/21/86 LAST NM 22/90 4/91
Change Characteristic of lights to
F 11° 35.7′ N 121° 41.9′ E
Fl 8s 10° 25.1′ N 121° 55.3′ E
(39(2809, 2810)90 Taunton)

92470 3Ed. 6/21/86 LAST NM 4/91 13/91
Change Characteristic of lights to
Fl G 5s 12° 14.8′ N 121° 58.8′ E
Fl(3) 10s 10° 25.1′ N 121° 55.3′ E
(46(3317, 3318)90 Taunton)

92470 3Ed. 6/21/86 LAST NM 13/91 47/91
Change Light to Fl(3) 10s 15m 8M 10° 44.3′ N 121° 56.2′ E
(15(49)91 Manila)

92470 3Ed. 6/21/86 LAST NM 47/91 9/93
Change Characteristic of light to Fl(2) 5s 12° 12.6′ N 121° 00.7′ E
Light to Fl(2) 10s 58m 7M 11° 35.7′ N 121° 41.9′ E
(44(3249, 3250)92 Taunton)

92470 3Ed. 6/21/86 LAST NM 9/93 34/93
Delete All reference to Loran-C rate 9970-Z
Note: Station permanently discontinued
(MCC1267/93)

92470 3Ed. 6/21/86 LAST NM 34/93 50/93
Change Light to
Fl R 5s 10M 12° 20.0′ N 121° 05.0′ E
Fl(2) 5s 8M 10° 44.3′ N 121° 56.2′ E
(12(15, 16)93 Manila)

92470 3Ed. 6/21/86 LAST NM 50/93 52/93
Change Characteristic of light to Fl 5s 12° 12.6′ N 121° 00.7′ E
(See 9/93-92470)
(42(3594)93 Taunton)

92470 3Ed. 6/21/86 LAST NM 52/93 33/95
Add Light Fl 10s 12° 10.9′ N 122° 04.1′ E
(6(23)95 Manila)

92470 3Ed. 6/21/86 LAST NM 33/95 44/95
Add Light
Fl(2) 15s 11° 54.7′ N 121° 34.5′ E
Fl 10s 11° 17.7′ N 122° 01.6′ E
(7(30)95 Manila; MCC044/95)

92470 3Ed. 6/21/86 LAST NM 44/95 23/96
Change Characteristic of light to
Fl R 5s 10° 51.2′ N 121° 00.3′ E
Fl 10s 10° 25.1′ N 121° 55.3′ E
(2(5)96 Manila; SMEA026/96)

92470 3Ed. 6/21/86 LAST NM 23/96 37/96
Change Characteristic of light to Fl(3) 10s 10° 25.1′ N 121° 55.3′ E
(See 23/96-92470)
(BA LL)

92470 3Ed. 6/21/86 LAST NM 37/96 42/96
Change Characteristic of light to Fl 10s 10° 25.1′ N 121° 55.3′ E
(Supersedes 37/96-92470)
(BA LL)

92470 3Ed. 6/21/86 LAST NM 42/96 7/98
Change Characteristic of light to Fl(2) 6s 10° 51.2′ N 121° 00.3′ E
(GIMM066/97)

92470 3Ed. 6/21/86 LAST NM 7/98 28/98
Change Period of light to 5s 10° 25.1′ N 121° 55.3′ E
(GIMM066/97)

92470 3Ed. 6/21/86 LAST NM 28/98 34/98
Add Depth 360 meters 12° 08.1′ N 121° 56.0′ E
(5(385)98 Taunton)

92470 3Ed. 6/21/86 LAST NM 34/98 41/98
Change Light to Fl(3) 5s 7M 10° 44.3′ N 121° 56.2′ E
(BA LL)

92470 3Ed. 6/21/86 LAST NM 41/98 48/99
Change Period of light to 10s 10° 51.2′ N 121° 00.3′ E
(12(Sect IV)98 Manila)

92470 3Ed. 6/21/86 LAST NM 48/99 50/99
Add Submarine cable [L30.1] joining 12° 20.6′ N 121° 36.5′ E
12° 15.2′ N 121° 41.1′ E
12° 12.0′ N 121° 42.9′ E
12° 09.7′ N 121° 45.1′ E
12° 07.3′ N 121° 46.5′ E
12° 05.0′ N 121° 47.5′ E
12° 03.7′ N 121° 48.3′ E
12° 02.3′ N 121° 48.2′ E
11° 59.9′ N 121° 48.0′ E
11° 56.2′ N 121° 47.8′ E
11° 53.9′ N 121° 47.7′ E
11° 50.2′ N 121° 47.4′ E
11° 46.0′ N 121° 46.5′ E
11° 43.9′ N 121° 46.3′ E
11° 40.0′ N 121° 47.9′ E
11° 37.5′ N 121° 48.4′ E
11° 31.8′ N 121° 49.9′ E
11° 27.0′ N 121° 49.2′ E
11° 24.4′ N 121° 49.7′ E
11° 19.5′ N 121° 52.5′ E
11° 10.1′ N 121° 56.1′ E
11° 00.5′ N 121° 54.8′ E
10° 47.0′ N 121° 50.3′ E
10° 44.9′ N 121° 50.5′ E
10° 43.2′ N 121° 50.3′ E
10° 41.5′ N 121° 51.5′ E
10° 41.1′ N 121° 52.4′ E
10° 41.2′ N 121° 55.0′ E
10° 41.3′ N 121° 55.5′ E
10° 41.4′ N 121° 56.4′ E
10° 41.7′ N 121° 56.9′ E
10° 42.6′ N 121° 58.1′ E
(GIMM066/98)

92470 3Ed. 6/21/86 LAST NM 50/99 51/99
Add Submarine cable [L30.1] joining 10° 42.6′ N 121° 58.1′ E
10° 41.1′ N 121° 56.7′ E
10° 40.2′ N 121° 55.2′ E
10° 38.1′ N 121° 52.5′ E
10° 36.7′ N 121° 48.4′ E
10° 35.7′ N 121° 47.6′ E
10° 31.7′ N 121° 46.5′ E
10° 25.3′ N 121° 44.7′ E
10° 22.0′ N 121° 45.6′ E
(GIMM066/98)

92470 3Ed. 6/21/86 LAST NM 51/99 35/00
Add Light Fl R 5s 8M 11° 08.4′ N 120° 56.5′ E
(4(Sec IV)00 Manila; BA LL)

92470 3Ed. 6/21/86 LAST NM 35/00 38/00
Change Light to Fl 10s 30m 17M 10° 25.1′ N 121° 55.3′ E
Note: Visible sectors remain
Light to Fl 5s 37m 9M 12° 06.1′ N 122° 00.8′ E
Note: Visible sector remains
(5(19), 7(Sec IV)99 Manila; BA LL)

92470 3Ed. 6/21/86 LAST NM 38/00 24/01
Add Submarine pipeline (gas) [L40.1] joining
11° 50.3′ N 120° 48.5′ E
11° 55.8′ N 120° 56.3′ E
11° 57.2′ N 121° 02.9′ E
11° 58.2′ N 121° 04.1′ E
12° 04.0′ N 121° 07.9′ E
12° 05.2′ N 121° 09.6′ E
12° 07.1′ N 121° 15.0′ E
12° 09.7′ N 121° 17.9′ E
12° 11.9′ N 121° 22.8′ E
12° 13.9′ N 121° 25.4′ E
12° 20.6′ N 121° 34.2′ E
(NTM0019/2001)

92470 3Ed. 6/21/86 LAST NM 24/01 39/01
Change Visibility (range) of light to 20M 11° 35.7′ N 121° 41.9′ E
Visibility (range) of light to 18M 12° 14.8′ N 121° 58.8′ E
Light to Fl R 5s 10m 7M 12° 19.9′ N 121° 05.2′ E
(BA LL)

92470 3Ed. 6/21/86 LAST NM 39/01 40/01
Change Light to Fl R 5s 6M 12° 13.3′ N 122° 00.3′ E
(BA LL)

92470 3Ed. 6/21/86 LAST NM 40/01 47/01
Change Light to Fl 10s 35m 17M 10° 25.1′ N 121° 55.3′ E
Light to Fl(3) 5s 15m 7M 10° 44.3′ N 121° 56.1′ E
Light to Fl(2) R 10s 37m 7M 12° 06.1′ N 122° 00.8′ E
Note: Visible sector remains
(BA LL)

92470 3Ed. 6/21/86 LAST NM 47/01 19/02
Add Light Fl 7s 11° 45.7′ N 121° 50.7′ E
(2(19)02 Manila)

92470 3Ed. 6/21/86 LAST NM 19/02 21/02
Delete Legend "Work in progress (1983)" 12° 03.0′ N 121° 20.5′ E

Add Solid line (jetty) [F14] between 12° 03.2′ N 121° 21.3′ E
12° 03.2′ N 121° 22.0′ E

Anchorage symbol [N10] 12° 03.5′ N 121° 20.9′ E
Depth 29 meters Wk [K26] 12° 18.2′ N 121° 04.4′ E
Pile [F22] 12° 15.8′ N 121° 05.8′ E
(BA CH 971)

92470 3Ed. 6/21/86 LAST NM 21/02 51/05
Add Light Fl 5s 110m 10M 12° 00.9′ N 121° 24.1′ E
Light Fl 10s 56m 10M 12° 05.8′ N 121° 34.6′ E
(9(188, 189)02 Manila)

92470 3Ed. 6/21/86 LAST NM 51/05 47/06
Delete Light 11° 08.4′ N 120° 56.5′ E

Add Light Fl 5s 8M 11° 08.8′ N 120° 56.4′ E
(8(176)02 Manila; BA LL)

92470 3Ed. 6/21/86 LAST NM 47/06 50/06
Add Light Fl 10s 10M 11° 51.7′ N 121° 17.5′ E
Light Fl 5s 10° 55.5′ N 121° 58.9′ E
(10(205, 206)02 Manila; BA LL)

92470 3Ed. 6/21/86 LAST NM 50/06 23/09
Delete Depth 208 meters 12° 16′ 58″N 121° 49′ 24″E
Depth 680 meters 11° 56′ 00″N 121° 44′ 45″E

Add Depth 297 meters 12° 03′ 07″N 121° 47′ 14″E
Depth 397 meters 12° 00′ 36″N 121° 50′ 31″E
Depth 533 meters 12° 01′ 18″N 121° 49′ 46″E
Depth 271 meters 11° 58′ 17″N 121° 48′ 57″E
Depth 551 meters 11° 55′ 54″N 121° 44′ 30″E
Depth 332 meters 12° 11′ 55″N 121° 52′ 25″E
Depth 174 meters 12° 17′ 28″N 121° 49′ 11″E
Depth 475 meters 12° 03′ 59″N 121° 46′ 28″E
Depth 401 meters 12° 07′ 16″N 121° 44′ 26″E
(NTM0006/2009)

92470 3Ed. 6/21/86 LAST NM 23/09 44/10
Change Period of light to 7s 11° 51′ 42″N 121° 17′ 30″E
Light to Fl 5s 37m 9M 12° 06′ 06″N 122° 00′ 48″E
(UKHO LL)

92470 3Ed. 6/21/86 LAST NM 44/10 46/10
Add Light Fl 5s 11° 50′ 20″N 121° 24′ 59″E
Light Fl 5s 11° 54′ 00″N 121° 53′ 05″E
Light Fl 5s 15m 7M 11° 46′ 04″N 121° 54′ 55″E
(UKHO ARCS 4484-0; UKHO LL)

92470 3Ed. 6/21/86 LAST NM 46/10 47/10
Add Light Fl 7s 12° 17′ 36″N 121° 55′ 36″E
(UKHO ARCS 4484-0)

92470 3Ed. 6/21/86 LAST NM 47/10 7/11
Add Wreck [K29] 11° 23′ 55″N 122° 00′ 05″E
(6(168)08 Manila)

92470 3Ed. 6/21/86 LAST NM 7/11 8/11
Change Characteristic of light to Fl 5s 10° 44′ 17″N 121° 56′ 11″E
(UKHO ARCS 4480-0)

92470 3Ed. 6/21/86 LAST NM 8/11 42/11
Change Period of light to 10s 11° 51′ 42″N 121° 17′ 30″E
(See 44/10-92470)

Add Visibility (range) 15M to light 10° 55′ 30″N 121° 58′ 54″E
(6(128)11 Manila; UKHO LL)

92470 3Ed. 6/21/86 LAST NM 42/11 3/12
Substitute Position circle "LtHo (disused)" for light
11° 35′ 42″N 121° 41′ 50″E

Change Characteristic of light to Fl(2) 7s
11° 45′ 45″N 121° 50′ 45″E

Add Light Fl(2) 10s 58m 20M 11° 36′ 27″N 121° 41′ 05″E
(5(107, 115)11 Manila; UKHO ARCS 4481-0)

92470 3Ed. 6/21/86 LAST NM 3/12 11/12
Change Characteristic of light to Fl 7s 11° 45′ 45″N 121° 50′ 45″E
(See 3/12-91020)
(8(163)11 Manila)

★**92476** 3Ed. 5/12/12 NEW EDITION N33/12
(NGA)

★**92480** 2Ed. 3/1/86 NEW EDITION 22/86
(DMAHTC)

92480 2Ed. 3/1/86 LAST NM 22/86 4/96
Add Light Mo(A) 6s 11° 49′ 44″N 120° 18′ 38″E
(10(46)95 Manila)

92480 2Ed. 3/1/86 LAST NM 4/96 23/96
Add Light Fl(2) 5s 11° 38′ 00″N 119° 58′ 04″E
(SMEA026/96)

92480 2Ed. 3/1/86 LAST NM 23/96 48/99
Change Characteristic of light to Fl 5s 11° 38′ 00″N 119° 58′ 04″E
(12(Sect IV)98 Manila)

92480 2Ed. 3/1/86 LAST NM 48/99 18/00
Change Light to Fl(2) 10s 11° 38′ 00″N 119° 58′ 04″E
(10(Sect IV)99 Manila)

92480 2Ed. 3/1/86 LAST NM 18/00 24/01
Add Submarine pipeline (gas) [L40.1] joining
11° 34′ 55″N 119° 26′ 00″E
11° 38′ 15″N 119° 37′ 34″E
11° 40′ 12″N 119° 42′ 34″E
11° 40′ 28″N 119° 45′ 59″E
11° 39′ 55″N 119° 47′ 49″E
11° 37′ 57″N 119° 56′ 12″E
11° 36′ 21″N 120° 00′ 02″E
11° 34′ 08″N 120° 03′ 30″E
11° 33′ 45″N 120° 04′ 27″E
11° 33′ 37″N 120° 04′ 53″E
11° 33′ 32″N 120° 06′ 43″E
11° 33′ 51″N 120° 08′ 01″E
11° 34′ 56″N 120° 09′ 12″E
11° 35′ 26″N 120° 09′ 30″E
11° 35′ 56″N 120° 10′ 13″E
11° 36′ 17″N 120° 11′ 07″E
11° 39′ 30″N 120° 16′ 04″E
11° 41′ 26″N 120° 20′ 13″E
11° 42′ 12″N 120° 22′ 00″E

Buoy "8" Y, conical, Fl 7s 11° 22′ 55″N 119° 26′ 46″E
(NTM0019/2001; 3(6)01 Manila)

92480 2Ed. 3/1/86 LAST NM 24/01 47/06
Change Light to Fl(2) 5s 11° 38′ 10″N 119° 57′ 59″E
(8(177)02 Manila)

92480 2Ed. 3/1/86 LAST NM 47/06 10/10
Change Period of light to 3s 11° 38′ 10″N 119° 57′ 59″E
(9(187)09 Manila)

92480 2Ed. 3/1/86 LAST NM 10/10 6/11
Delete Depth 21 fathoms 11° 39′ 58″N 120° 15′ 36″E

Add Depth 15 fathoms 11° 39′ 47″N 120° 15′ 23″E
(UKHO ARCS 4482-0)

★**92490** 2Ed. 4/13/85 NEW EDITION 25/85
Delete Note (Changes In Buoyage) 10° 31.5′ N 119° 26.7′ E
(DMAHTC)

92490 2Ed. 4/13/85 LAST NM 25/85 40/85
Add Buoy, yellow, (lighted) 11° 27′ 30″N 118° 58′ 47″E
Platforms with light flare symbol
11° 28′ 47″N 119° 01′ 18″E
11° 25′ 49″N 119° 03′ 43″E
11° 26′ 14″N 119° 00′ 47″E
(15(16, 17)85 Manila)

92490 2Ed. 4/13/85 LAST NM 40/85 50/85
Change Buoy to superbuoy TANKER with light flare and legend "Storage vessel (lighted)" 11° 27′ 30″N 118° 58′ 48″E
(See 40/85-92490)
(HNNM7626/85)

92490 2Ed. 4/13/85 LAST NM 50/85 2/86
Add Superbuoy TANKER with light flare and legend "Storage vessel" 11° 20′ 00″N 118° 59′ 28″W
(19(21)85 Manila)

92490 2Ed. 4/13/85 LAST NM 2/86 39/90
Add Superbuoy TANKER with light flare and legend "Storage vessel" 11° 20′ 00″N 118° 59′ 28″E
(19(21)85 Manila)

92490 2Ed. 4/13/85 LAST NM 39/90 48/99
Add Light Fl(2) 15s 10° 30′ 37″N 119° 04′ 19″E
(12(Sect IV)98 Manila)

92490 2Ed. 4/13/85 LAST NM 48/99 20/01
Add Depth 15 fathoms "Rep (2000)" [I3.2] (PA)
11° 26′ 00″N 119° 10′ 12″E
(5(526)01 Taunton)

92490 2Ed. 4/13/85 LAST NM 20/01 24/01
Add Submarine pipeline (gas) [L40.1] joining
11° 30′ 00″N 119° 08′ 55″E
11° 29′ 19″N 119° 09′ 34″E
11° 29′ 07″N 119° 10′ 07″E
11° 29′ 42″N 119° 13′ 25″E
11° 30′ 00″N 119° 14′ 12″E

Buoy "1" Y, conical, Fl 7s 11° 02′ 14″N 119° 12′ 16″E
Buoy "2" Y, conical, Fl 7s 11° 04′ 32″N 119° 14′ 01″E
Buoy "3" Y, conical, Fl 7s 11° 06′ 51″N 119° 11′ 46″E
Buoy "4" Y, conical, Fl 7s 11° 14′ 11″N 119° 12′ 31″E
Buoy "5" Y, conical, Fl 7s 11° 15′ 27″N 119° 16′ 41″E
Buoy "6" Y, conical, Fl 7s 11° 17′ 35″N 119° 20′ 17″E
Buoy "7" Y, conical, Fl 7s 11° 23′ 09″N 119° 24′ 32″E
Buoy "8" Y, conical, Fl 7s 11° 22′ 55″N 119° 26′ 46″E
(3(6)01 Manila; NTM0019/2001)

92490 2Ed. 4/13/85 LAST NM 24/01 45/01
Change Period of light to 6s 10° 30′ 37″N 119° 04′ 19″E
(BA LL)

92490 2Ed. 4/13/85 LAST NM 45/01 47/01
Delete Purple outline of chart 92494 11° 00′ 00″N 119° 20′ 00″E
(NIMA)

92490 2Ed. 4/13/85 LAST NM 47/01 49/05
Add Light Fl 5s 11° 21′ 50″N 119° 24′ 45″E
(9(180)02 Manila)

92490 2Ed. 4/13/85 LAST NM 49/05 47/11
Add Buoy (mooring) [Q40] 11° 05′ 58″N 118° 52′ 40″E
(4(90)10 Manila)

★**92500** 1Ed. 2/1/54 NEW CHART 51/54
(USHO)

92500 1Ed. 2/1/54 LAST NM 51/54 7/87
Add Note in lower left margin of chart

"Users should refer corrections, additions, and comments for improving this product to: DIRECTOR, DEFENSE MAPPING AGENCY HYDROGRAPHIC/ TOPOGRAPHIC CENTER, ATTN: PR, Washington, D.C. 20315-0030."
(MCNM7880/87)

92500 1Ed. 2/1/54 LAST NM 7/87 20/87
Substitute Depth 2¾ fathoms (PD) for 24 fathoms 10° 24.4′ N 119° 55.3′ E
(1(1)87 Manila)

92500 1Ed. 2/1/54 LAST NM 20/87 20/91
Change Light to Fl 5s 364ft 15M 10° 29.7′ N 119° 59.6′ E
(6(437)91 Taunton)

92500 1Ed. 2/1/54 LAST NM 20/91 36/04
Add Depth 2¾ fathoms "Rep (2003)" (PA), blue tint and enclosing depth contour (10-fathom) centered 10° 24′ 32″N 119° 56′ 36″E
(BA CH 3809)

92500 1Ed. 2/1/54 LAST NM 36/04 4/06
Add Depth 3 fathoms "Rep" [I4] (PA)
10° 24′ 48″N 119° 59′ 36″E
(8(117)03 Manila)

92500 1Ed. 2/1/54 LAST NM 4/06 10/10
Change Light to Fl 3s 364ft 16M 10° 29′ 42″N 119° 59′ 36″E
(9(188)09 Manila; UKHO LL)

92500 1Ed. 2/1/54 LAST NM 10/10 13/11
Delete Depth 2¾ fathoms "Rep (2003)" (PA), blue tint and enclosing depth contour centered
10° 24′ 32″N 119° 56′ 36″E

Add Depth 1¾ fathoms Rk [K14.2] 10° 24′ 57″N 119° 56′ 26″E
(6(125)06 Manila)

92500 1Ed. 2/1/54 LAST NM 13/11 48/11
Add Light Fl 5s 29ft 9M 10° 49′ 43″N 119° 30′ 35″E
(7(113)09 Manila; UKHO LL)

92500 1Ed. 2/1/54 LAST NM 48/11 44/12
Change Period of light to 5s 10° 29′ 42″N 119° 59′ 36″E
(6(128)12 Manila)

★**92520** 2Ed. 12/27/80 NEW EDITION 13/81
Change Line 3 of caution note to
"larger scale Chart 92529, will no" 9° 43′ N 118° 36′ E
(DMAHTC; NVS6339/81)

92520 2Ed. 12/27/80 LAST NM 13/81 6/93
Change Light to Fl(3) 15s 35ft 10M 9° 43.4′ N 118° 45.9′ E
(22(60)90 Manila)

92520 2Ed. 12/27/80 LAST NM 6/93 24/96
Delete Light 9° 43.4′ N 118° 45.9′ E

Change Light to Fl R 5s 42ft 7M 9° 43.9′ N 118° 43.9′ E

Add Light Fl(3) 5s 35ft 16M
with obscured sector 080°-225° 9° 43′ 27″N 118° 46′ 03″E

Depth 9 fathoms 9° 43′ 45″N 118° 43′ 16″E

Legend "Less water rep (1993)"
between 9° 45′ 36″N 118° 48′ 18″E
9° 48′ 24″N 118° 49′ 54″E
(15(1294)96 Taunton)

92520 2Ed. 12/27/80 LAST NM 24/96 9/97
Add Light Fl 10s 10° 01′ 42″N 119° 08′ 40″E
(GIMM010/97; BA LL)

92520 2Ed. 12/27/80 LAST NM 9/97 10/97
Delete Buoy 9° 44.6′ N 118° 43.2′ E

Change Period of light to 15s 9° 43′ 27″N 118° 46′ 03″E
(See 24/96-92520)

Add Quarantine anchorage symbol 9° 44′ 08″N 118° 42′ 58″E
9° 43′ 05″N 118° 44′ 01″E

Anchor berth
"A1" 9° 44′ 03″N 118° 43′ 05″E
"A2" 9° 43′ 18″N 118° 43′ 29″E

Pilot station symbol 9° 44′ 28″N 118° 43′ 29″E
(MCNM7904/87; 4(14)91, 8(18)96 Manila; GIMM010/97)

92520 2Ed. 12/27/80 LAST NM 10/97 11/99
Delete Purple solid line and legend
"SEE CAUTION" between 9° 44′ 06″N 118° 43′ 48″E
9° 42′ 03″N 118° 43′ 48″E

Change Caution note to "CAUTION
Differences in latitude and longitude
may exist between this and other charts
in the area; therefore, the transfer of
positions from one chart to another
should be done by bearings and distances
from common features." 9° 43′ 36″N 118° 36′ 48″E
(GIMM008/99)

92520 2Ed. 12/27/80 LAST NM 11/99 17/00
Relocate Pilot station symbol from
9° 44′ 28″N 118° 43′ 29″E to 9° 43′ 14″N 118° 43′ 26″E
(1(2)00 Manila)

92520 2Ed. 12/27/80 LAST NM 17/00 44/00
Change Visibility (range) of light to 15M
9° 43′ 23″N 118° 45′ 57″E
(49(4485)98 Taunton)

92520 2Ed. 12/27/80 LAST NM 44/00 28/01
Change Period of light to 5s 9° 43′ 23″N 118° 45′ 57″E
(See 44/00-92520)
(3(16)01 Manila)

92520 2Ed. 12/27/80 LAST NM 28/01 45/01
Change Light to Fl(2) 10s 10° 01′ 42″N 119° 08′ 40″E
(BA LL)

92520 2Ed. 12/27/80 LAST NM 45/01 47/01
Change Visibility (range) of light to 10M
9° 43′ 54″N 118° 43′ 54″E
(BA LL)

92520 2Ed. 12/27/80 LAST NM 47/01 49/05
Change Light to Fl R 5s 10° 01′ 42″N 119° 08′ 40″E
(BA LL)

★**92529** 4Ed. 7/9/11 NEW EDITION N51/11
(NGA)

★**92550** 1Ed. 12/26/87 NEW CHART 9/88
(DMAHTC)

92550 1Ed. 12/26/87 LAST NM 9/88 34/88
Add Depth 15.5 meters "Rep (1988)" 8° 06.1′ N 117° 49.1′ E
(25(1911)88 Taunton)

92550 1Ed. 12/26/87 LAST NM 34/88 1/89
Substitute Dangerous submerged rock
"Rep (1976)" (PA) for
depth 6.7 meters "Rep (1976)" 7° 59.5′ N 118° 03.1′ E
(36(2722)88 Taunton)

92550 1Ed. 12/26/87 LAST NM 1/89 14/89
Add Depths
35 meters "Rep (1976)" 6° 44.3′ N 118° 16.5′ E
39 meters "Rep (1976)" 7° 15.0′ N 117° 59.6′ E
(4(348)89 Taunton)

92550 1Ed. 12/26/87 LAST NM 14/89 9/91
Change Light to Fl R 5s 118m 10M 6° 58.1′ N 118° 31.4′ E
(23(62)90 Manila)

92550 1Ed. 12/26/87 LAST NM 9/91 20/91
Change Visibility (range) of light to 15M 8° 46.2′ N 117° 50.2′ E
(6(438)91 Taunton)

92550 1Ed. 12/26/87 LAST NM 20/91 39/91
Delete Depth 15.5 meters "Rep (1988)" 8° 06.1′ N 117° 49.1′ E

Add Depth 4 meters 8° 06.0′ N 117° 49.0′ E
(9(33)91 Manila)

92550 1Ed. 12/26/87 LAST NM 39/91 11/92
Substitute Depths
8.2 meters for
9.1 meters "Rep (1972)" 7° 06.8′ N 117° 37.4′ E
4.1 meters for
5.8 meters "Rep (1983)" 7° 06.1′ N 117° 39.7′ E
8.2 meters for
10.3 meters "Rep (1983)" (PA) 7° 07.7′ N 117° 41.5′ E
7.2 meters for
9.1 meters "Rep (1983)" (PA) 7° 08.2′ N 117° 47.4′ E
4.5 meters for
5.5 meters "Rep (1955)" 7° 14.3′ N 117° 41.3′ E
(50(3566)91 Taunton)

92550 1Ed. 12/26/87 LAST NM 11/92 11/93
Add Lights
Fl G 5s 6° 31.1′ N 117° 55.0′ E
Fl G 5s 6m 6M 6° 44.5′ N 117° 37.4′ E
(10(135), 11(149)92 Kuala Lumpur)

92550 1Ed. 12/26/87 LAST NM 11/93 25/93
Delete Light 6° 45.5′ N 117° 39.4′ E

Add Buoy R, can, can topmark, Fl R 10s
6° 45.40′ N 117° 39.40′ E
(15(1255)93 Taunton)

92550 1Ed. 12/26/87 LAST NM 25/93 10/94
Add Depth 152 meters "Rep (1993)" 8° 14.9′ N 118° 05.1′ E
(4(347)94 Taunton)

92550 1Ed. 12/26/87 LAST NM 10/94 29/95
Add Depth 25 meters "Rep (1995)" 7° 33.4′ N 117° 51.3′ E
(20(1634)95 Taunton)

92550 1Ed. 12/26/87 LAST NM 29/95 47/95
Add Depth
50 meters 6° 38.2′ N 118° 32.7′ E
42 meters 6° 33.3′ N 118° 28.0′ E
82 meters 8° 02.8′ N 117° 45.6′ E
(38(3143)95 Taunton)

92550 1Ed. 12/26/87 LAST NM 47/95 12/97
Add Depth 10.8 meters "Rep (1996)" 7° 40.5′ N 118° 11.2′ E
(2(171)97 Taunton)

92550 1Ed. 12/26/87 LAST NM 12/97 1/98
Change Characteristic of light to Fl 5s 6° 58.1′ N 118° 31.4′ E
(GIMM066/97)

92550 1Ed. 12/26/87 LAST NM 1/98 42/99
Add Depth 6.5 meters "Rep (1998)" [I3.2] (PA)
7° 04′ 27″N 117° 41′ 38″E
Legend "Less water rep (1998)" 7° 05′ 42″N 117° 48′ 36″E
(22(2017)99 Taunton)

92550 1Ed. 12/26/87 LAST NM 42/99 32/00
Add Depth 7.3 meters "Rep (2000)" [I3.2]
7° 34′ 56″N 118° 21′ 47″E
(4(15)00 Manila)

92550 1Ed. 12/26/87 LAST NM 32/00 40/01
Change Visibility (range) of light to 12M
6° 58′ 06″N 118° 31′ 24″E
(7(84)01 Manila)

92550 1Ed. 12/26/87 LAST NM 40/01 45/01
Delete Beacon 6° 49′ 12″N 117° 36′ 06″E

Add Buoy R, can, QR 6° 49′ 11″N 117° 36′ 26″E
(50(4661)99 Taunton)

92550 1Ed. 12/26/87 LAST NM 45/01 21/07
Add Depth 12.3 meters "Rep (2006)" [I3.2]
7° 29′ 06″N 118° 09′ 30″E
(10(137)06 Kuala Lumpur)

92550 1Ed. 12/26/87 LAST NM 21/07 14/11
Change Characteristic of light to Fl 5s 8° 46′ 12″N 117° 50′ 12″E
(4(62)06 Manila)

92550 1Ed. 12/26/87 LAST NM 14/11 23/11
Add Purple circle and legend "AIS" to light
6° 31.1′ N 117° 55.0′ E
(UKHO LL)

★**92560** 4Ed. 3/1/86 NEW EDITION 21/86
Change Light to Fl 5s 135ft 15M 7° 59.6′ N 117° 04.4′ E
(Previously published 19/86)

Add Depths
11 fathoms 7° 37.0′ N 117° 31.3′ E
12 fathoms 7° 26.5′ N 117° 53.4′ E
(Previously published 19/86)
(DMAHTC)

92560 4Ed. 3/1/86 LAST NM 21/86 1/87
Change Period of light to 15s 7° 59.6′ N 117° 04.4′ E
(See 21/86-92560)
(13(Sec V)86 Manila)

92560 4Ed. 3/1/86 LAST NM 1/87 34/88
Add Depth 8 ½ fathoms "Rep (1988)" 8° 06.1′ N 117° 49.1′ E
(25(1911)88 Taunton)

92560 4Ed. 3/1/86 LAST NM 34/88 13/90
Delete Depth 70 fathoms and legend
"Reported...1872" 7° 50.0′ N 117° 40.8′ E

Add Depth ½ fathom enclosed by
danger circle (PD) 7° 49.75′ N 117° 40.25′ E
(50(3809)89 Taunton)

92560 4Ed. 3/1/86 LAST NM 13/90 2/91
Change Characteristic of light to Fl 5s 7° 59.6′ N 117° 04.4′ E
(BA LL)

92560 4Ed. 3/1/86 LAST NM 2/91 20/91
Change Light to Fl R 5s 131ft 15M 7° 59.6′ N 117° 04.4′ E

Add Light Fl 5s 6M 7° 55.05′ N 117° 13.15′ E
(6(439)91 Taunton)

92560 4Ed. 3/1/86 LAST NM 20/91 39/91
Delete Depth 8 ½ fathoms "Rep (1988)" 8° 06.1′ N 117° 49.1′ E

Add Depth 2 fathoms 8° 06.0′ N 117° 49.0′ E
(9(33)91 Manila)

92560 4Ed. 3/1/86 LAST NM 39/91 6/92
Add Legend "(dest)" to light 6° 45.2′ N 117° 39.2′ E
(38(2703)91 Taunton)

92560 4Ed. 3/1/86 LAST NM 6/92 7/92
Add Danger circle "Shoal Rep (1991)" (PA)
7° 35.4′ N 117° 18.0′ E
(40(2831)91 Taunton)

92560 4Ed. 3/1/86 LAST NM 7/92 11/92
Substitute Depths
2 fathoms for
3 ¼ fathoms "Rep (1983)" 7° 05.7′ N 117° 39.2′ E
4 ½ fathoms for
5 ½ fathoms "Rep (1983)" (PA) 7° 07.1′ N 117° 41.1′ E
3 ¾ fathoms for
5 fathoms "Rep (1983)" (PA) 7° 07.8′ N 117° 47.2′ E
2 ½ fathoms for
3 fathoms "Rep (1955)" 7° 14.5′ N 117° 41.1′ E

Add Depth 4 ½ fathoms 7° 07.0′ N 117° 37.3′ E
(50(3566)91 Taunton)

92560 4Ed. 3/1/86 LAST NM 11/92 11/93
Change Light to Fl R 5s 20ft 6M 7° 02.7′ N 117° 11.5′ E

Add Lights
Fl G 5s 6° 31.1′ N 117° 55.0′ E
Fl G 5s 20ft 6M 6° 44.5′ N 117° 37.4′ E
Fl R 5s 26ft 6M 6° 50.2′ N 117° 34.2′ E
Fl R 5s 6° 59.1′ N 117° 19.4′ E
Fl R 5s 23ft 6M 7° 04.7′ N 117° 08.6′ E
(10(135), 11(149)92 Kuala Lumpur; BA LL)

92560 4Ed. 3/1/86 LAST NM 11/93 25/93
Delete Light and legend "(dest)" 6° 45.2′ N 117° 39.2′ E

Add Buoy R, can, can topmark, Fl R 10s
6° 45.10′ N 117° 39.20′ E
(15(1255)93 Taunton)

92560 4Ed. 3/1/86 LAST NM 25/93 37/93
Relocate Light (7° 04.7′ N 117° 08.6′ E) to 7° 04.9′ N 117° 08.6′ E
(See 11/93-92560)
(6(67)93 Kuala Lumpur)

92560 4Ed. 3/1/86 LAST NM 37/93 29/95
Delete Depth 9 fathoms "Rep (1955)" 7° 26.4′ N 117° 15.1′ E

Add Depth
8 ¼ fathoms "Rep (1995)" 7° 26.5′ N 117° 15.0′ E
13 fathoms "Rep (1995)" 7° 33.5′ N 117° 51.2′ E
(20(1634, 1635)95 Taunton)

92560 4Ed. 3/1/86 LAST NM 29/95 47/95
Add Depth 45 fathoms 8° 02.8′ N 117° 45.5′ E
(38(3143)95 Taunton)

92560 4Ed. 3/1/86 LAST NM 47/95 28/96
Change Characteristic of light to F 7° 49.2′ N 117° 00.0′ E
(SMEA026/96)

92560 4Ed. 3/1/86 LAST NM 28/96 44/96
Add Stranded wreck (PA) 7° 04.3′ N 117° 06.3′ E
(38(3161)96 Taunton)

92560 4Ed. 3/1/86 LAST NM 44/96 46/96
Delete Light 6° 51.3′ N 117° 31.9′ E
(BA LL)

92560 4Ed. 3/1/86 LAST NM 46/96 50/96
Substitute Buoy G, conical, Fl G 3s for light 7° 04.4′ N 117° 07.0′ E
(41(3397)96 Taunton)

92560 4Ed. 3/1/86 LAST NM 50/96 36/98
Change Characteristic of light to
Fl 20s 7° 49.2′ N 117° 00.0′ E
Fl 5s 7° 59.6′ N 117° 04.4′ E
(BA LL)

92560 4Ed. 3/1/86 LAST NM 36/98 9/99
Add Dangerous submerged rock
"Rep (1998)" (PA) 7° 02′ 29″N 117° 32′ 10″E
(19(1642)98 Taunton)

92560 4Ed. 3/1/86 LAST NM 9/99 42/99
Add Depth 3 1/2 fathoms "Rep (1998)" [I3.2] (PA)
7° 04′ 31″N 117° 41′ 34″E

Legend "Less water rep (1998)" 7° 05′ 46″N 117° 48′ 32″E
(22(2017)99 Taunton)

92560 4Ed. 3/1/86 LAST NM 42/99 43/99
Add Light Fl 5s 7° 30′ 30″N 117° 18′ 18″E
(5(20)98 Manila)

92560 4Ed. 3/1/86 LAST NM 43/99 41/00
Change Light to Fl 5s 295ft 20M 7° 49′ 12″N 117° 00′ 00″E
(48(4374)98 Taunton)

92560 4Ed. 3/1/86 LAST NM 41/00 45/01
Delete Light 7° 02′ 12″N 117° 00′ 00″E
Light 6° 59′ 00″N 117° 16′ 30″E
Light 6° 49′ 08″N 117° 36′ 00″E
Light 7° 02′ 45″N 117° 11′ 35″E

Add Buoy G, conical, Fl G 5s 6° 59′ 23″N 117° 16′ 57″E
Buoy R, can, QR 6° 49′ 15″N 117° 36′ 21″E
Buoy R, can, Fl R 5s 7° 03′ 00″N 117° 11′ 48″E
(50(4661), 51(4725)99, 14(1498), 16(1669)01 Taunton)

92560 4Ed. 3/1/86 LAST NM 45/01 51/01
Add Depth 3 1/4 fathoms "Rep (1999)" [I3.2] (PA)
6° 48′ 38″N 117° 35′ 44″E
(30(2787)99 Taunton)

92560 4Ed. 3/1/86 LAST NM 51/01 45/02
Substitute Buoy "Sky Rock" R, can, can topmark, Fl R 2s
for light 6° 53′ 31″N 117° 24′ 38″E

Add Buoy G, conical, cone topmark, Fl G 5s
7° 02′ 16″N 117° 00′ 06″E
(34(3639)02 Taunton)

92560 4Ed. 3/1/86 LAST NM 45/02 49/05
Change Visibility (range) of light to 7M 7° 55′ 03″N 117° 13′ 09″E
(BA LL)

92560 4Ed. 3/1/86 LAST NM 49/05 12/06
Add Wreck [K29] 7° 59′ 36″N 116° 40′ 10″E
Wreck [K29] 7° 42′ 56″N 116° 45′ 04″E
(NTM0015/2006)

★**92560** 4Ed. 3/1/86 LAST NM 12/06 35/09
Delete Depth 23 fathoms 8° 04′ 27″N 117° 04′ 50″E

Substitute Depth 21 fathoms for 45 fathoms
8° 02′ 18″N 117° 10′ 50″E
Depth 2 1/2 fathoms for 4 fathoms 8° 01′ 46″N 117° 13′ 44″E
Depth 20 fathoms for 31 fathoms
8° 01′ 46″N 117° 15′ 30″E
Depth 4 2/3 fathoms for 9 fathoms 8° 08′ 13″N 117° 08′ 36″E
Depth 1 fathom for 8 fathoms 8° 06′ 36″N 117° 10′ 06″E
Depth 1 fathom for 25 fathoms 8° 04′ 45″N 117° 07′ 15″E
Depth 1/2 fathom for 27 fathoms 8° 06′ 42″N 117° 03′ 15″E

Add Depth 10 fathoms 8° 04′ 28″N 117° 04′ 45″E
(NTM0006/2009)

92560 4Ed. 3/1/86 LAST NM 35/09 23/11
Substitute Beacon Fl R 10s 5M for buoy 6° 45′ 06″N 117° 39′ 12″E

Change Light to Fl 10s 105ft 15M AIS 7° 03′ 00″N 116° 44′ 52″E
Light to Fl 10s 72ft 15M AIS 6° 55′ 40″N 117° 24′ 14″E

Add Purple circle and legend "AIS" to light
6° 31′ 06″N 117° 55′ 00″E

Beacon BRB, double ball topmark,
Fl(2) 8s 36ft 5M [Q130.4] 6° 51′ 18″N 117° 31′ 54″E
(UKHO ARCS 1654-0; UKHO LL)

92560 4Ed. 3/1/86 LAST NM 23/11 2/14
Add Stranded wreck [K24] (PA) 7° 02′ 30″N 117° 07′ 12″E
(26T/13 Sabah; 8(130)13 Port Klang)

★**93006** 3Ed. 3/15/08 NEW EDITION 20/08
Add Depth 25 meters "Rep (2007)" [I3.2]
23° 12.8′ N 119° 10.8′ E
and delete depth 29 meters close W
(Previously published 18/08)
(NGA)

93006 3Ed. 3/15/08 LAST NM 20/08 21/08
Add Dangerous wreck [K28] (PA) 22° 28.0′ N 114° 56.0′ E
(10(289)08 Tianjin)

93006 3Ed. 3/15/08 LAST NM 21/08 27/08
Add Danger circle "Well" [L21.3] 20° 51.2′ N 115° 36.4′ E
Note: Wellhead 3.9 meters off bottom
Danger circle "Well" [L21.3] 21° 20.6′ N 115° 06.3′ E
Note: Wellhead 3.8 meters off bottom
(19(644, 646)08 Tianjin)

93006 3Ed. 3/15/08 LAST NM 27/08 31/08
Add Wreck [K29] 22° 45.5′ N 116° 34.0′ E
(21(704)08 Tianjin)

93006 3Ed. 3/15/08 LAST NM 31/08 33/08
Add Dangerous wreck [K28] 22° 26.0′ N 115° 11.0′ E
(20(661)08 Tianjin)

93006 3Ed. 3/15/08 LAST NM 33/08 51/08
Delete Depth 17 meters Obstn 22° 08.8′ N 114° 08.3′ E

Substitute Depth 19.3 meters for 17.8 meters 22° 13.3′ N 114° 17.3′ E
Depth 22 meters for 20.6 meters 22° 15.0′ N 114° 19.4′ E
(HK CH 2502)

93006 3Ed. 3/15/08 LAST NM 51/08 52/08
Add Wreck [K29] 22° 27.1′ N 119° 26.0′ E
(131/08 Tso-ying)

93006 3Ed. 3/15/08 LAST NM 52/08 4/09
Substitute Depth 27.5 meters for 25.5 meters Obstn
22° 17.8′ N 114° 23.4′ E

Add Depth 22 meters Wk [K26] 22° 20.6′ N 114° 28.6′ E
(16(29)05, 5(6)08 Hong Kong)

93006 3Ed. 3/15/08 LAST NM 4/09 6/09
Delete Dangerous wreck "Rep (2006)" (PA)
23° 20.6′ N 117° 02.7′ E

Add Wreck [K29] 22° 20.0′ N 116° 07.0′ E
Wreck [K29] (PA) 22° 16.0′ N 115° 08.0′ E
(38(1411), 41(1506), 46(1642)08 Tianjin)

93006 3Ed. 3/15/08 LAST NM 6/09 11/09
Add Dangerous wreck [K28] 22° 31.9′ N 115° 19.5′ E
(33(1239)08 Tianjin)

93006 3Ed. 3/15/08 LAST NM 11/09 28/09
Add Depth 845 meters 20° 12.3′ N 117° 15.0′ E
Depth 1048 meters 20° 10.8′ N 117° 17.8′ E
(NTM0011/2009)

93006 3Ed. 3/15/08 LAST NM 28/09 49/09
Add Light Fl 5M 22° 07.7′ N 113° 53.4′ E
(20(27)09 Hong Kong)

93006 3Ed. 3/15/08 LAST NM 49/09 19/10
Substitute Depth 31 meters Obstn [K41] for 18.8 meters
22° 08.2′ N 114° 18.5′ E
(7(8)10 Hong Kong)

93006 3Ed. 3/15/08 LAST NM 19/10 31/10
Add Wreck [K29] 22° 26.6′ N 119° 39.0′ E
(80/10 Tso-ying)

93006 3Ed. 3/15/08 LAST NM 31/10 33/10
Add Dangerous wreck [K28] (PD) 23° 16.2′ N 118° 18.0′ E
Buoy Or, conical, Fl R 4s 21° 02.5′ N 118° 49.8′ E
(152/09, 71/10 Tso-ying)

93006 3Ed. 3/15/08 LAST NM 33/10 39/10
Add Buoy Y, pillar, "X" topmark, Mo(O) Y 12s
[Q130.6] 19° 56.1′ N 115° 37.1′ E
(4(70)09 Tianjin)

93006 3Ed. 3/15/08 LAST NM 39/10 46/10
Add Wreck [K29] 22° 46.5′ N 119° 34.9′ E
(189/10 Tso-ying)

93006 3Ed. 3/15/08 LAST NM 46/10 51/10
Add Dangerous wreck [K28] 22° 59.3′ N 118° 48.8′ E
(212/10 Tso-ying)

93006 3Ed. 3/15/08 LAST NM 51/10 1/11
Add Wreck [K29] 20° 35.4′ N 119° 29.4′ E
(223/10 Tso-ying)

93006 3Ed. 3/15/08 LAST NM 1/11 4/11
Add Buoy Y, pillar, "X" topmark, Mo(O) Y 12s
[Q130.6] 22° 20.0′ N 117° 20.4′ E
(47(2102)10 Tianjin)

93006 3Ed. 3/15/08 LAST NM 4/11 5/11
Add Wreck [K29] 23° 50.9′ N 119° 09.9′ E
(232/10 Tso-ying)

93006 3Ed. 3/15/08 LAST NM 5/11 8/11
Add Depth 20.3 meters Wk [K26] 22° 24.8′ N 114° 28.4′ E

Buoy "Weather" Y, pillar, "X" topmark,
Mo(O) Y 12s [Q130.6] 22° 06.1′ N 114° 30.7′ E
(2(1, 3)11 Hong Kong)

93006 3Ed. 3/15/08 LAST NM 8/11 14/11
Delete Wreck 22° 09.5′ N 114° 22.6′ E
Dangerous wreck 22° 13.7′ N 114° 22.7′ E
Dangerous wreck (PA) 22° 19.0′ N 114° 30.0′ E
(32(1467)10 Tianjin)

93006 3Ed. 3/15/08 LAST NM 14/11 22/11
Add Dangerous wreck [K28] (PA) 23° 15.0′ N 118° 11.0′ E
(46(1734)09 Tianjin)

93006 3Ed. 3/15/08 LAST NM 22/11 26/11
Add Wreck [K29] "Rep (2011)" (PA) 21° 37.8′ N 113° 45.8′ E
(9(183)11 Tianjin)

93006 3Ed. 3/15/08 LAST NM 26/11 27/11
Substitute Depth 27 meters Wk [K26] for 20.5 meters Wk
22° 13.2′ N 114° 19.8′ E
(9(16)11 Hong Kong)

93006 3Ed. 3/15/08 LAST NM 27/11 45/11
Add Wreck [K29] 22° 54.9′ N 119° 35.7′ E
(142/11 Tso-ying)

93006 3Ed. 3/15/08 LAST NM 45/11 50/11
Relocate Buoy from 21° 02.5′ N 118° 49.8′ E to
21° 02.5′ N 118° 45.0′ E
(54/11 Tso-ying)

93006 3Ed. 3/15/08 LAST NM 50/11 5/12
Add Wreck [K29] 23° 47.0′ N 119° 08.0′ E
(186/11 Tso-ying)

93006 3Ed. 3/15/08 LAST NM 5/12 11/12
Add Wreck [K29] 19° 59.7′ N 118° 49.8′ E
(11(229)11 Manila)

93006 3Ed. 3/15/08 LAST NM 11/12 22/12
Add Depth 3.5 meters, blue tint and enclosing
depth contour (10-meter) centered 23° 13.6′ N 119° 14.3′ E
Depth 3.5 meters, blue tint and enclosing
depth contour (10-meter) centered 23° 15.4′ N 119° 10.5′ E
Depth 4.8 meters, blue tint and enclosing
depth contour (10-meter) centered 23° 09.8′ N 119° 10.5′ E
(8/12 Tso-ying; UKHO ARCS 1760-0)

93006 3Ed. 3/15/08 LAST NM 22/12 23/12
Add Dangerous wreck [K28] "Rep (2012)"
22° 40.7′ N 115° 59.8′ E

Wreck [K29] "Rep (2012)" (PA) 22° 09.2′ N 114° 41.3′ E
Stranded wreck [K24] 22° 00.0′ N 113° 26.7′ E
(14(384-386)12 Tianjin)

93006 3Ed. 3/15/08 LAST NM 23/12 30/12
Add Danger circle "Obstn" [K40] 21° 53.7′ N 114° 29.9′ E
(14(387)12 Tianjin)

93006 3Ed. 3/15/08 LAST NM 30/12 31/12
Relocate Buoy from 21° 02.5′ N 118° 45.0′ E to
21° 01.4′ N 118° 50.0′ E
(See 50/11-93006)
(69/12 Tso-ying)

93006 3Ed. 3/15/08 LAST NM 31/12 48/12
Add Light Fl 18M 22° 06.8′ N 113° 52.1′ E
(23(60)12 Hong Kong; Cna CH 15379)

93006 3Ed. 3/15/08 LAST NM 48/12 7/13
Add Stranded wreck [K24] 20° 46.0′ N 116° 52.0′ E
(201/12 Tso-ying)

93006 3Ed. 3/15/08 LAST NM 7/13 18/13
Delete Dangerous wreck 22° 06.0′ N 114° 09.0′ E

Depth 29.5 meters, blue tint and dotted-line
circle centered 22° 07.6′ N 114° 17.3′ E

Depth 31 meters Obstn 22° 08.2′ N 114° 18.5′ E
Wreck (PA) 22° 06.8′ N 114° 19.5′ E
Wreck 22° 06.1′ N 114° 20.2′ E
Wreck 22° 05.2′ N 114° 19.8′ E

Substitute Depth 25.9 meters for 17.8 meters Obstn
22° 07.1′ N 114° 09.5′ E

Depth 26.1 meters Wk [K26] for
26.5 meters Wk 22° 07.6′ N 114° 15.0′ E
(13(362-365)12 Tianjin; 29(3167)12 Taunton)

93006 3Ed. 3/15/08 LAST NM 18/13 28/13
Substitute Depth 24 meters for 25.9 meters 22° 07.1′ N 114° 09.5′ E

Depth 28.5 meters Obstn [K41] for wreck
22° 08.4′ N 114° 20.1′ E
(See 18/13-93006)
(7(21), 8(24)13 Hong Kong)

93006 3Ed. 3/15/08 LAST NM 28/13 33/13
Add Dangerous wreck [K28] "Rep (2013)" (PA)
22° 33.0′ N 116° 14.0′ E
(23(859)13 Tianjin)

93006 3Ed. 3/15/08 LAST NM 33/13 35/13
Add Dangerous wreck [K28] "Rep (2013)" (PA)
22° 37.9′ N 115° 30.9′ E
(24(892)13 Tianjin)

93006 3Ed. 3/15/08 LAST NM 35/13 36/13
Add Dangerous wreck [K28] "Rep (2013)"
22° 40.7′ N 115° 47.0′ E
(26(960)13 Tianjin)

93006 3Ed. 3/15/08 LAST NM 36/13 39/13
Delete Depth 17.4 meters, enclosing dotted-line circle
and legend "Wreckage" 22° 24.4′ N 114° 24.3′ E
(35(1316)12 Tianjin)

93006 3Ed. 3/15/08 LAST NM 39/13 44/13
Add Dangerous wreck [K28] 22° 46.0′ N 116° 04.0′ E
(1(3)13 Tianjin)

93006 3Ed. 3/15/08 LAST NM 44/13 46/13
Add Submarine cable [L30.1] joining 20° 01.0′ N 113° 52.6′ E
20° 40.3′ N 114° 20.7′ E
21° 20.0′ N 114° 18.7′ E
21° 30.8′ N 114° 30.8′ E
21° 50.4′ N 114° 41.2′ E
22° 09.7′ N 114° 32.8′ E
22° 06.2′ N 114° 15.4′ E
22° 07.9′ N 113° 58.6′ E
22° 13.5′ N 113° 55.9′ E
(5(78)10 Port Klang)

93006 3Ed. 3/15/08 LAST NM 46/13 51/13
Add Submarine cable [L30.1] joining 22° 10.5′ N 114° 32.8′ E
21° 45.7′ N 115° 25.8′ E
21° 10.7′ N 115° 46.8′ E
21° 06.6′ N 115° 48.7′ E
(5(78)10 Port Klang)

93006 3Ed. 3/15/08 LAST NM 51/13 4/14
Substitute Depth 8.6 meters Wk [K26] for 27.5 meters
22° 14.5′ N 114° 27.2′ E
(26(62)13 Hong Kong)

★**93010** 6Ed. 1/9/99 NEW EDITION 25/99
Relocate Light (9° 17.6′ N 103° 29.7′ E) to 9° 17.6′ N 103° 28.5′ E
(NIMA; 1(52)95 Taunton)

93010 6Ed. 1/9/99 LAST NM 25/99 34/99
Add Dangerous wreck 12° 21.2′ N 101° 13.6′ E
(8(524)98 Bangkok)

93010 6Ed. 1/9/99 LAST NM 34/99 40/99
Add Depth 22 meters Wk 4° 50.0′ N 103° 27.2′ E
(31(2891)99 Taunton)

93010 6Ed. 1/9/99 LAST NM 40/99 42/99
Add Depth 10 meters Wk (unsurveyed) [K30]
3° 43.2′ N 103° 48.8′ E
(28(2590)99 Taunton)

93010 6Ed. 1/9/99 LAST NM 42/99 22/00
Add Dangerous wreck [K28] 11° 41.9′ N 101° 40.9′ E
Dangerous wreck [K28] 12° 20.3′ N 100° 24.9′ E
(12(721)98, 11(585)99 Bangkok)

93010 6Ed. 1/9/99 LAST NM 22/00 23/00
Add Light symbol 12° 55.3′ N 100° 52.0′ E
Danger circle "Spoil Ground" 12° 18.6′ N 101° 00.4′ E
(2(96), 5(230)99 Bangkok)

93010 6Ed. 1/9/99 LAST NM 23/00 31/00
Add Depth 69 meters Wk [K26] 3° 47.2′ N 105° 18.3′ E
(NTM0031/2000)

93010 6Ed. 1/9/99 LAST NM 31/00 41/00
Add Platform with light flare symbol [L2]
8° 39.0′ N 101° 20.0′ E
Platform with light flare symbol [L2]
8° 37.6′ N 101° 21.0′ E
Platform with light flare symbol [L2]
8° 35.6′ N 101° 19.7′ E
(51(4699)98 Taunton)

93010 6Ed. 1/9/99 LAST NM 41/00 12/01
Add Submarine pipeline [L40.1] with legend "Gas
CAUTION NO 1" joining 3° 29.8′ N 105° 24.7′ E
4° 06.9′ N 105° 29.8′ E
4° 55.6′ N 105° 33.5′ E
5° 07.2′ N 105° 34.4′ E
5° 10.8′ N 105° 34.7′ E
5° 13.3′ N 105° 35.7′ E
Submarine pipeline (gas) [L40.1] between
4° 55.6′ N 105° 33.5′ E
4° 54.3′ N 106° 00.1′ E
Submarine pipeline (gas) [L40.1] between
4° 06.9′ N 105° 29.8′ E
4° 08.9′ N 105° 23.9′ E
(NTM0010/2001)

93010 6Ed. 1/9/99 LAST NM 12//01 13/01
Add Dangerous wreck [K28] (PA) 5° 53.1′ N 102° 38.0′ E
(44/00 Malaysia)

93010 6Ed. 1/9/99 LAST NM 13/01 16/01
Add Racon [S3.1] at platform "Lawit" 6° 33.0′ N 103° 21.0′ E
Racon [S3.1] at platform "Jerneh" 6° 34.5′ N 103° 44.6′ E
(83/99 Malaysia)

93010 6Ed. 1/9/99 LAST NM 16/01 48/01
Add Danger circle "Wells" [L21.1] 7° 10.0′ N 103° 05.8′ E

Legend "Cakerawala Gas Field (see Note)"
7° 12.0′ N 103° 13.0′ E
(23/01 Malaysia)

93010 6Ed. 1/9/99 LAST NM 48/01 15/02
Add Dangerous wreck [K28] (PA) 7° 55.5′ N 106° 04.7′ E
(NTM0015/2002)

93010 6Ed. 1/9/99 LAST NM 15/02 17/02
Add Depth 18.6 meters, blue tint and enclosing
depth contour (20-meter) centered 11° 46.4′ N 99° 55.1′ E
(NTM0018/2002)

93010 6Ed. 1/9/99 LAST NM 17/02 22/02
Delete Position circle "Pipe" and danger circle
in vicinity 4° 29.5′ N 105° 14.8′ E

Wreck (PA) 5° 05.0′ N 103° 40.0′ E

Restricted area in vicinity 4° 10.0′ N 105° 05.8′ E
Note: Platforms and storage tanker remain

Add Dotted-line circle "Obstn" (PA) 4° 30.5′ N 105° 16.5′ E
Dangerous wreck [K28] (PA) 5° 05.0′ N 103° 40.2′ E

"RESTRICTED AREA" bound by
purple composite line joining 4° 12.7′ N 105° 06.9′ E
4° 12.7′ N 105° 04.6′ E
4° 08.8′ N 105° 04.6′ E
4° 07.7′ N 105° 02.8′ E
4° 06.0′ N 105° 03.8′ E
4° 07.5′ N 105° 06.4′ E
4° 06.5′ N 105° 08.2′ E
4° 09.6′ N 105° 10.0′ E
4° 11.1′ N 105° 06.9′ E

Platform with light flare symbol [L10]
4° 08.9′ N 105° 23.9′ E

"Tembang Gasfield" bound by
purple composite line joining 4° 07.8′ N 105° 23.2′ E
4° 09.8′ N 105° 22.8′ E
4° 10.3′ N 105° 25.5′ E
4° 12.1′ N 105° 27.2′ E
4° 11.0′ N 105° 28.9′ E
4° 08.5′ N 105° 26.8′ E

Submarine pipeline [L40.1] joining 4° 08.6′ N 105° 06.5′ E
4° 08.1′ N 105° 20.0′ E
4° 08.9′ N 105° 23.9′ E

Dotted-line circle "Well" [L21.1] 4° 03.8′ N 105° 13.7′ E
Dotted-line circle "Well" [L21.1] 4° 03.6′ N 105° 28.5′ E

Submarine pipeline [L40.1] joining 4° 03.6′ N 105° 28.5′ E
4° 06.9′ N 105° 24.2′ E
4° 08.9′ N 105° 23.9′ E

Platform with light flare symbol [L10]
"Larut A" 6° 24.6′ N 104° 34.1′ E
Platform with light flare symbol [L10]
"Lawang A" 5° 47.5′ N 105° 35.3′ E

Platform with light flare symbol [L10]
5° 37.1′ N 105° 22.3′ E
Platform with light flare symbol [L10]
5° 33.1′ N 104° 44.3′ E
Platform with light flare symbol [L10]
5° 31.7′ N 104° 57.9′ E
Platform [L10] "Andra-A" 5° 12.7′ N 104° 43.7′ E

Submarine pipeline [L40.1] joining 5° 12.7′ N 104° 43.7′ E
5° 28.0′ N 105° 11.8′ E
5° 28.2′ N 105° 22.2′ E
5° 27.1′ N 105° 22.9′ E

Submarine pipeline [L40.1] joining 5° 12.7′ N 104° 43.7′ E
5° 15.1′ N 104° 44.1′ E
5° 16.5′ N 104° 45.1′ E
5° 28.2′ N 104° 57.6′ E
5° 31.7′ N 104° 57.9′ E

Submarine pipeline [L40.1] between 5° 47.5′ N 105° 35.3′ E
5° 26.9′ N 105° 22.9′ E

Submarine pipeline [L40.1] between 5° 47.5′ N 105° 35.3′ E
5° 40.5′ N 105° 21.6′ E

Platform [L10] 5° 38.7′ N 104° 58.9′ E

Submarine pipeline [L40.1] between 6° 24.6′ N 104° 34.1′ E
5° 38.7′ N 105° 58.9′ E

Submarine pipeline [L40.1] joining 6° 24.6′ N 104° 34.1′ E
5° 41.4′ N 105° 51.6′ E
5° 39.4′ N 105° 53.7′ E
5° 38.7′ N 105° 58.9′ E
(11(1095), 13(1387)02 Taunton; 12(211)01, 2(59)02 Kuala Lumpur)

93010 6Ed. 1/9/99 LAST NM 22/02 27/02
Add Wreck [K29] 10° 08.2′ N 99° 44.7′ E
Platform (lighted) [L10] "WP 7" 8° 00.4′ N 102° 24.4′ E
Platform (lighted) [L10] "WP 12" 8° 03.9′ N 102° 14.9′ E
Platform (lighted) [L10] "WP 9" 7° 51.6′ N 102° 28.3′ E
Platform (lighted) [L10] "WP 10" 7° 50.0′ N 102° 26.0′ E
Platform (lighted) [L10] "WP 8" 8° 01.9′ N 102° 22.8′ E
Moored storage tanker (lighted) [L17]
7° 09.1′ N 103° 06.5′ E
Platform (lighted) [L10] 7° 10.0′ N 103° 05.9′ E
Dangerous wreck [K28] (PA) 12° 32.1′ N 100° 17.8′ E
Wreck [K29] (PA) 6° 53.1′ N 101° 38.8′ E

Wreck [K29] marked by buoy Y, conical,
Q(3) 10s 12° 04.4′ N 101° 42.0′ E

Platform (lighted) [L10] "WP 11" with Racon
8° 01.6′ N 102° 28.5′ E
(7(356)00, 6(385)01, 2(58), 3(128)02 Bangkok; NTM0030/2002)

93010 6Ed. 1/9/99 LAST NM 27/02 38/02
Add Platform with light flare symbol [L10]
10° 22.2′ N 101° 19.3′ E
(17(1755)02 Taunton)

93010 6Ed. 1/9/99 LAST NM 38/02 40/02
Add Platform [L10] "Resak RDP-A" 5° 36.5′ N 103° 54.3′ E
Platform [L10] "Resak RCPP" 5° 36.5′ N 103° 54.4′ E

Submarine pipeline [L40.1] joining 4° 33.9′ N 103° 27.9′ E
4° 34.7′ N 103° 29.9′ E
4° 36.0′ N 103° 31.7′ E
4° 38.5′ N 103° 33.1′ E
5° 23.1′ N 103° 48.6′ E
5° 36.5′ N 103° 54.3′ E
(24/01 Malaysia)

93010 6Ed. 1/9/99 LAST NM 40/02 41/02
Add Platform [L10] 5° 12.4′ N 104° 40.3′ E

Submarine pipeline [L41.1] between 5° 38.8′ N 104° 58.9′ E
5° 12.7′ N 104° 43.7′ E

Submarine pipeline [L41.1] between 5° 12.7′ N 104° 43.7′ E
4° 34.1′ N 103° 27.7′ E

Submarine pipeline [L41.1] between 5° 12.7′ N 104° 43.7′ E
5° 12.4′ N 104° 40.3′ E

Submarine pipeline [L41.1] between 5° 12.7′ N 104° 43.7′ E
5° 33.0′ N 104° 46.6′ E

Submarine pipeline [L41.1] between 5° 12.7′ N 104° 43.7′ E
5° 26.8′ N 105° 23.0′ E

(See 22/02-93010)
(13/00 Malaysia)

93010 6Ed. 1/9/99 LAST NM 41/02 2/03
Add Depth 56 meters Wk [K26] 4° 06.4′ N 104° 20.8′ E
(42(4488)02 Taunton)

93010 6Ed. 1/9/99 LAST NM 2/03 13/03
Add Depth 22 meters Wk [K26] 7° 16.3′ N 105° 43.4′ E
(6(658)03 Taunton)

93010 6Ed. 1/9/99 LAST NM 13/03 14/03
Add Depth 24 meters Wk [K26] 6° 17.1′ N 102° 45.4′ E
(6(657)03 Taunton)

93010 6Ed. 1/9/99 LAST NM 14/03 18/03
Add Platform "Seroja A" with light flare symbol
[L2] 6° 58.8′ N 104° 08.4′ E
Platform "Raya B" with light flare symbol
[L2] 6° 58.6′ N 104° 10.8′ E
Platform with light flare symbol
[L10] 5° 00.0′ N 105° 15.0′ E

(continued on next page)

93010 (Continued) 18/03
Submarine pipeline [L40.1] with legend "GAS CAUTION NO 1" joining 4° 09.0′ N 105° 23.9′ E
4° 27.0′ N 105° 18.0′ E
4° 36.0′ N 105° 18.5′ E
4° 58.0′ N 105° 16.0′ E
5° 00.0′ N 105° 15.0′ E
(9(152), 10(170)02 Kuala Lumpur)

93010 6Ed. 1/9/99 LAST NM 18/03 24/03
Add Wreck [K29] 5° 53.8′ N 102° 51.5′ E
(3(55)03 Kuala Lumpur)

93010 6Ed. 1/9/99 LAST NM 24/03 32/04
Add Dangerous wreck [K28] (PA) with legend "Bow" marked by buoy Or, pillar 12° 28.6′ N 100° 49.2′ E
(4(56)03 Bangkok)

93010 6Ed. 1/9/99 LAST NM 32/04 34/04
Add Platform (lighted) [L10] 5° 30.1′ N 104° 59.9′ E
(3(39)04 Bangkok)

93010 6Ed. 1/9/99 LAST NM 34/04 43/05
Add Submarine pipeline [L40.1] with legend "Gas CAUTION NO 1" between 4° 09.9′ N 106° 11.1′ E
4° 07.0′ N 105° 29.7′ E

Submarine pipeline [L40.1] between 4° 03.8′ N 105° 13.6′ E
4° 07.2′ N 105° 25.2′ E

Dangerous wreck [K28] (PA) 11° 54.0′ N 100° 20.2′ E
(3(33, 44)05 Bangkok)

93010 6Ed. 1/9/99 LAST NM 43/05 47/05
Add Submarine cable [L30.1] joining 11° 51.1′ N 99° 57.3′ E
10° 37.8′ N 99° 31.0′ E
10° 28.4′ N 99° 17.3′ E

Submarine cable [L30.1] joining 10° 28.1′ N 99° 17.5′ E
10° 32.4′ N 99° 26.0′ E
10° 30.4′ N 99° 31.0′ E
9° 59.0′ N 99° 47.8′ E
9° 44.1′ N 99° 51.0′ E
(50(5544)04 Taunton)

93010 6Ed. 1/9/99 LAST NM 47/05 4/06
Add Depth 75 meters Wk [K26] 4° 17.6′ N 106° 04.8′ E
Depth 62 meters Wk [K26] 4° 30.4′ N 105° 56.2′ E
(36(269, 270)04 Jakarta)

93010 6Ed. 1/9/99 LAST NM 4/06 35/06
Add Danger circle [Ke] "Discol water" centered 3° 53.0′ N 105° 11.2′ E
(6(93)06 Kuala Lumpur)

93010 6Ed. 1/9/99 LAST NM 35/06 37/06
Add Platform [L10] 6° 07.2′ N 105° 18.3′ E
(NTM0015/2006)

93010 6Ed. 1/9/99 LAST NM 37/06 11/07
Delete Dashed-line circle, blue tint and legend "Discol Water" 3° 53.0′ N 105° 11.2′ E
(Supersedes 35/06-93010)
(7(105)06 Kuala Lumpur)

93010 6Ed. 1/9/99 LAST NM 11/07 25/07
Add Platform "LDP-A" with light flare symbol [L10] 5° 14.0′ N 105° 32.7′ E

Submarine pipeline [L40.1] with legend "Gas" between 5° 14.0′ N 105° 32.7′ E
5° 20.0′ N 105° 29.4′ E
(7(104)06 Kuala Lumpur)

93010 6Ed. 1/9/99 LAST NM 25/07 26/07
Add Platform with light flare symbol [L10] 5° 34.6′ N 104° 35.1′ E
(8(112)06 Kuala Lumpur)

93010 6Ed. 1/9/99 LAST NM 26/07 28/07
Add Submarine cable [L30.1] between 3° 52.0′ N 103° 59.1′ E
3° 36.0′ N 103° 58.0′ E
(2(50)06 Kuala Lumpur)

93010 6Ed. 1/9/99 LAST NM 28/07 39/07
Substitute Depth 38 meters Wk [K26] for 23.7 meters Wk (unsurveyed) 4° 45.7′ N 103° 41.0′ E
(3(61)05 Kuala Lumpur)

93010 6Ed. 1/9/99 LAST NM 28/07 41/07
Add Platform "Selatan A" with light flare symbol [L10] 5° 05.6′ N 104° 41.7′ E
(9(175)05 Kuala Lumpur)

93010 6Ed. 1/9/99 LAST NM 41/07 45/07
Add Wreck [K29] "Rep" 7° 51.9′ N 102° 02.7′ E
(10(322)07 Tokyo)

93010 6Ed. 1/9/99 LAST NM 45/07 50/07
Add Submarine cable [L30.1] joining 13° 02.2′ N 100° 55.3′ E
12° 59.5′ N 100° 48.7′ E
13° 04.2′ N 100° 44.5′ E
13° 04.4′ N 100° 25.8′ E
12° 59.5′ N 100° 03.4′ E

Platform with light flare symbol [L10]
11° 18.5′ N 101° 13.4′ E

Moored storage tanker [L17] 11° 19.3′ N 101° 14.2′ E
(4(55)05, 8(99)07 Bangkok)

93010 6Ed. 1/9/99 LAST NM 50/07 6/08
Add Stranded wreck [K24] (PA) 7° 25.0′ N 100° 34.0′ E
(12(158)07 Bangkok)

93010 6Ed. 1/9/99 LAST NM 8/08 9/08
Delete Submarine cable between 13° 02.5′ N 100° 54.9′ E
13° 05.4′ N 100° 44.9′ E

Add Submarine cable [L30.1] between 13° 00.2′ N 100° 48.8′ E
13° 05.4′ N 100° 44.9′ E

Submarine cable [L30.1] joining 11° 51.1′ N 99° 57.3′ E
12° 09.0′ N 100° 03.7′ E
12° 09.7′ N 100° 05.9′ E
12° 27.5′ N 100° 08.8′ E
12° 46.9′ N 100° 08.7′ E
12° 54.7′ N 100° 04.2′ E
12° 59.5′ N 100° 03.4′ E

Submarine cable [L30.1] joining 9° 44.1′ N 99° 51.0′ E
9° 35.2′ N 99° 52.9′ E
9° 32.2′ N 99° 54.4′ E

Platform with light flare symbol [L10]
8° 15.7′ N 102° 31.4′ E
Platform with light flare symbol [L10]
8° 18.3′ N 102° 24.2′ E
Platform with light flare symbol [L10]
8° 14.0′ N 102° 33.8′ E
Platform with light flare symbol [L10]
8° 15.0′ N 102° 28.9′ E
Platform with light flare symbol [L10]
8° 27.2′ N 102° 22.0′ E
Platform with light flare symbol [L10]
8° 12.5′ N 102° 29.2′ E
(1(5), 8(94, 95, 112)07 Bangkok)

93010 6Ed. 1/9/99 LAST NM 9/08 23/08
Add Platform "Jerneh B" with light flare symbol [L10] 6° 35.2′ N 103° 41.8′ E
(12/08 Malaysia)

93010 6Ed. 1/9/99 LAST NM 23/08 31/08
Add Platform "Bumi-A" with light flare symbol [L2] 7° 08.6′ N 103° 14.6′ E
Platform "Suriya-A" with light flare symbol [L2] 7° 06.4′ N 103° 11.1′ E
Platform "Bulan-A" with light flare symbol [L2] 7° 13.0′ N 103° 02.4′ E
(17/08 Malaysia)

93010 6Ed. 1/9/99 LAST NM 31/08 44/08
Add Platform "Bintang A" with light flare symbol [L2] 6° 33.4′ N 103° 17.3′ E
Platform "Bintang B" with light flare symbol [L2] 6° 33.1′ N 103° 15.2′ E

(continued on next page)

93010 (Continued) 44/08
Submarine pipeline (water) [L41.1] joining
6° 33.0′ N 103° 21.0′ E
6° 33.4′ N 103° 17.3′ E
6° 33.1′ N 103° 15.2′ E
(9(151)02 Kuala Lumpur; BA CH 3542)

93010 6Ed. 1/9/99 LAST NM 44/08 47/08
Add Wreck [K29] 4° 47.9′ N 103° 39.4′ E
(10(168)02 Kuala Lumpur)

93010 6Ed. 1/9/99 LAST NM 47/08 6/09
Add Wreck [K29] (PA) 5° 28.8′ N 104° 03.4′ E
(20/08 Malaysia)

93010 6Ed. 1/9/99 LAST NM 6/09 7/09
Add Anchorage symbol (large vessels) [N10]
7° 05.0′ N 103° 00.0′ E
(48/06 Malaysia)

93010 6Ed. 1/9/99 LAST NM 7/09 24/09
Add Danger circle [K40] "Obstn" (PA) 12° 29.7′ N 100° 25.2′ E

Submarine pipeline [L40.1] with legend "Gas CAUTION NO 1" joining 6° 58.5′ N 100° 46.7′ E
7° 09.9′ N 100° 58.8′ E
7° 09.7′ N 101° 31.8′ E
7° 15.5′ N 102° 13.5′ E
7° 14.0′ N 102° 39.0′ E
7° 10.0′ N 103° 05.8′ E
(5(79T)05 Bangkok; 12(205)05 Kuala Lumpur)

93010 6Ed. 1/9/99 LAST NM 24/09 26/09
Add Platform with light flare symbol [L10]
8° 09.4′ N 102° 33.7′ E

Platform [L10] with legend "Storage Tanker", enclosed by purple composite-line circle (anchoring prohibited limit), radius 5 miles, centered 10° 31.1′ N 100° 17.3′ E

Legend "Bualuang Oilfield (see Note)"
10° 35.0′ N 100° 10.0′ E
(7(93)08, 4(53)09 Bangkok)

93010 6Ed. 1/9/99 LAST NM 26/09 27/09
Delete Dangerous wreck (PA) 11° 54.0′ N 100° 20.2′ E
(6(82)05 Bangkok)

93010 6Ed. 1/9/99 LAST NM 27/09 30/09
Add Submarine cable [L30.1] joining 7° 10.9′ N 100° 37.0′ E
7° 11.5′ N 100° 41.9′ E
7° 10.5′ N 101° 10.2′ E
7° 07.3′ N 101° 17.5′ E
6° 15.0′ N 102° 48.2′ E
(9(117)07 Bangkok)

93010 6Ed. 1/9/99 LAST NM 30/09 35/09
Add Depth 19 meters Wk [K26] 10° 09.7′ N 99° 50.9′ E
Depth 8 meters Rk [K14.2] 10° 10.4′ N 99° 46.8′ E
Light symbol [P1] 12° 05.7′ N 102° 16.8′ E

Moored storage tanker [L17] with light flare symbol 8° 26.0′ N 102° 23.0′ E
Moored storage tanker [L17] with light flare symbol 7° 32.1′ N 100° 42.5′ E
(9(125), 10(134), 11(159)08, 6(80)09 Bangkok)

93010 6Ed. 1/9/99 LAST NM 35/09 37/09
Add Submarine cable [L30.1] joining 13° 00.8′ N 100° 54.8′ E
12° 59.2′ N 100° 51.7′ E
13° 00.6′ N 100° 39.7′ E
12° 54.4′ N 100° 32.2′ E
9° 32.3′ N 100° 32.2′ E
8° 25.5′ N 101° 06.9′ E
7° 17.8′ N 102° 28.4′ E
7° 17.8′ N 103° 23.0′ E
7° 00.0′ N 103° 47.0′ E
6° 40.1′ N 104° 37.3′ E
6° 10.0′ N 105° 41.4′ E
5° 49.8′ N 106° 15.0′ E
(7(99)08 Bangkok)

93010 6Ed. 1/9/99 LAST NM 37/09 13/10
Add Platform with light flare symbol [L10]
8° 25.4′ N 102° 25.2′ E
(10(147)09 Bangkok)

93010 6Ed. 1/9/99 LAST NM 13/10 27/10
Add Platform (lighted) "Song Doc Marine Terminal" [L2] 7° 09.7′ N 104° 03.4′ E

Moored storage tanker [L17] "Song Doc Pride"
7° 09.7′ N 104° 03.8′ E
(32(4148)09 Taunton)

93010 6Ed. 1/9/99 LAST NM 27/10 33/10
Add Platform with light flare symbol [L10]
8° 25.2′ N 102° 21.6′ E
Platform with light flare symbol [L10]
7° 29.7′ N 102° 36.8′ E
Platform with light flare symbol [L10]
7° 40.7′ N 102° 52.3′ E
(6(71, 72)10 Bangkok)

93010 6Ed. 1/9/99 LAST NM 33/10 39/10
Add Platform "WBW-P" with light flare symbol [L10] 5° 31.2′ N 105° 37.5′ E
Platform "LHDP-A" with light flare symbol [L10] 6° 19.5′ N 104° 01.4′ E
(12(191)09, 6(91)10 Port Klang)

93010 6Ed. 1/9/99 LAST NM 39/10 41/10
Add Platform with light flare symbol [L10]
8° 22.0′ N 102° 23.6′ E
Platform with light flare symbol [L10]
8° 10.5′ N 102° 40.0′ E
Platform with light flare symbol [L10]
8° 01.1′ N 102° 30.6′ E
Platform with light flare symbol [L10]
7° 42.3′ N 102° 51.5′ E
Platform with light flare symbol [L10]
7° 22.2′ N 102° 35.8′ E
(8(107, 115)10 Bangkok)

93010 6Ed. 1/9/99 LAST NM 41/10 49/10
Add Platform with light flare symbol [L10]
7° 56.3′ N 102° 26.5′ E
Platform with light flare symbol [L10]
8° 04.7′ N 102° 28.0′ E
Platform with light flare symbol [L10]
7° 31.3′ N 102° 45.7′ E
Platform with light flare symbol [L10]
7° 35.6′ N 102° 31.8′ E
(10(138)10 Bangkok)

93010 6Ed. 1/9/99 LAST NM 49/10 10/11
Add Racon (N) [S3.1] to light 9° 17.8′ N 103° 29.9′ E
(UKHO LL)

93010 6Ed. 1/9/99 LAST NM 10/11 21/11
Add Light Fl 6s 16m 10M 4° 52.0′ N 103° 39.5′ E
(66/10 Malaysia)

93010 6Ed. 1/9/99 LAST NM 21/11 28/11
Delete Light 4° 52.0′ N 103° 39.5′ E
(Cancels 21/11-93010)

Add Light symbol 4° 52.0′ N 103° 39.5′ E
Light symbol 5° 44.2′ N 103° 01.2′ E
Light symbol 5° 40.6′ N 102° 49.5′ E
Light symbol 4° 46.9′ N 103° 41.3′ E
(66/10 Malaysia)

93010 6Ed. 1/9/99 LAST NM 28/11 37/12
Add Platform (lighted) [L10] 8° 29.1′ N 102° 23.4′ E
Platform (lighted) [L10] 8° 19.7′ N 102° 31.3′ E
Platform (lighted) [L10] 8° 19.0′ N 102° 16.5′ E
Platform (lighted) [L10] 8° 13.4′ N 102° 16.8′ E
(7(101)11, 5(65)12 Bangkok)

93010 6Ed. 1/9/99 LAST NM 37/12 52/12
Add Racon (Y) [S3.3] to platform 7° 22.2′ N 102° 35.8′ E
Platform (lighted) [L10] 8° 03.6′ N 102° 24.8′ E
Platform (lighted) [L10] 8° 06.4′ N 102° 14.5′ E
Platform (lighted) [L10] 8° 06.2′ N 102° 16.3′ E

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93010 (Continued) 52/12
Platform (lighted) [L10] 8° 17.4′ N 102° 16.8′ E
Platform (lighted) [L10] 8° 18.0′ N 102° 15.1′ E
Platform (lighted) [L10] 8° 24.0′ N 102° 22.2′ E
(11(141P, 142)12 Bangkok)

93010 6Ed. 1/9/99 LAST NM 52/12 22/13
Substitute Depth 12 meters Wk (unsurveyed) [K30] (PA)
for danger circle "Obstn" (PA) 12° 29.7′ N 100° 25.2′ E

Add Depth 18 meters Wk (unsurveyed) [K30] (PA)
10° 19.5′ N 99° 46.0′ E
Depth 18 meters Wk (unsurveyed) [K30] (PA)
10° 18.4′ N 99° 43.3′ E
Depth 18 meters Wk (unsurveyed) [K30] (PA)
12° 19.3′ N 100° 25.5′ E
(2(15, 17)13 Bangkok)

93010 6Ed. 1/9/99 LAST NM 22/13 29/13
Delete Submarine pipeline between 6° 24.6′ N 104° 34.1′ E
5° 38.7′ N 105° 58.9′ E

Submarine pipeline joining 6° 24.6′ N 104° 34.1′ E
5° 41.4′ N 105° 51.6′ E
5° 39.4′ N 105° 53.7′ E
5° 38.7′ N 105° 58.9′ E

Relocate Platform "Larut A" from
6° 24.6′ N 104° 34.1′ E to 6° 24.9′ N 104° 34.1′ E

Add Submarine pipeline [L40.1] with legend
"Gas CAUTION NO 1" joining 6° 24.9′ N 104° 34.1′ E
6° 20.9′ N 104° 39.1′ E
6° 18.1′ N 104° 41.1′ E
5° 38.7′ N 104° 58.9′ E

Submarine pipeline [L40.1] with legend
"Oil CAUTION NO 1" joining 6° 24.9′ N 104° 34.1′ E
5° 41.3′ N 104° 51.5′ E
5° 40.0′ N 104° 52.7′ E
5° 38.7′ N 104° 58.9′ E
(UKHO ARCS 2426-0)

93010 6Ed. 1/9/99 LAST NM 29/13 37/13
Delete Moored storage tanker 7° 32.1′ N 100° 42.5′ E

Substitute Submarine cable (power) [L31.1] for
submarine cable joining 9° 15.1′ N 99° 51.8′ E
9° 21.2′ N 99° 52.5′ E
9° 25.1′ N 99° 56.4′ E
Submarine cable (power) [L31.1] for
submarine cable between 9° 35.1′ N 99° 58.7′ E
9° 42.4′ N 99° 59.5′ E

Add Platform (lighted) [L10] 7° 32.1′ N 100° 42.6′ E
(4(59), 7(108)13 Bangkok)

93010 6Ed. 1/9/99 LAST NM 37/13 40/13
Add Platform (lighted) [L10] 7° 00.2′ N 103° 13.2′ E
Platform (lighted) [L10] 7° 35.5′ N 102° 59.2′ E
Platform (lighted) [L10] 7° 34.6′ N 102° 55.1′ E
Platform (lighted) [L10] 7° 35.2′ N 102° 57.6′ E
Platform (lighted) [L10] 7° 30.1′ N 103° 16.5′ E
Platform (lighted) [L10] 7° 36.8′ N 102° 58.3′ E
(29/10, 48/13 Malaysia)

93010 6Ed. 1/9/99 LAST NM 40/13 41/13
Add Platform (lighted) [L10] 8° 00.9′ N 102° 40.1′ E
Platform (lighted) [L10] 8° 00.7′ N 102° 35.3′ E
Platform (lighted) [L10] 8° 31.2′ N 102° 18.8′ E

Submarine cable (power) [L31.1] joining
9° 15.1′ N 99° 51.8′ E
9° 21.5′ N 99° 52.1′ E
9° 33.9′ N 99° 53.8′ E
9° 35.6′ N 99° 55.7′ E
9° 35.6′ N 100° 00.0′ E
9° 34.1′ N 100° 00.2′ E
(8(119, 125)13 Bangkok)

93010 6Ed. 1/9/99 LAST NM 41/13 43/13
Delete Legend "Raya B" from platform 6° 58.7′ N 104° 10.8′ E

Add Platform (lighted) [L10] 6° 54.2′ N 104° 11.8′ E

Submarine pipeline [L40.1] with legend "Gas
CAUTION NO 1" joining 6° 58.7′ N 104° 10.8′ E
6° 57.1′ N 104° 11.6′ E
5° 39.0′ N 103° 53.5′ E
5° 37.5′ N 103° 53.6′ E
5° 36.5′ N 103° 54.4′ E

Platform (lighted) [L10] 5° 41.4′ N 105° 42.2′ E
Platform (lighted) [L10] 5° 31.1′ N 105° 40.3′ E

Submarine pipeline (oil and gas) [L40.1]
joining 5° 41.4′ N 105° 42.2′ E
5° 31.1′ N 105° 40.3′ E
5° 28.3′ N 105° 26.0′ E
(11(145)03, 4(80)08, 11(183)09, 3(71)12 Port Klang;
UKHO ARCS 2426-0, 3446-0, 3482-0)

93010 6Ed. 1/9/99 LAST NM 43/13 44/13
Add Platform (lighted) [L10] 6° 10.7′ N 104° 04.5′ E
Platform (lighted) [L10] 5° 57.3′ N 104° 11.6′ E
(5(80)10 Port Klang)

93010 6Ed. 1/9/99 LAST NM 44/13 52/13
Add Platform (lighted) "Suriya-B" [L2] 7° 10.1′ N 103° 11.1′ E
(7(127)12 Port Klang)

93010 6Ed. 1/9/99 LAST NM 52/13 1/14
Add Platform (lighted) "East Piatu" [L2] 6° 33.0′ N 104° 33.5′ E

Submarine pipeline [L40.1] with legend "Gas
& Oil" between 6° 33.0′ N 104° 33.5′ E
6° 24.9′ N 104° 34.1′ E

Submarine pipeline [L40.1] between 5° 28.4′ N 105° 25.6′ E
5° 30.3′ N 105° 12.4′ E

Platform (lighted) "N.Lukut A" [L2] 6° 17.2′ N 105° 01.0′ E
Platform (lighted) "Penara A" [L2] 6° 07.4′ N 105° 02.2′ E
Platform (lighted) "Puteri" [L2] 6° 06.0′ N 105° 08.4′ E

Moored storage tanker [L17] "Bunga Kertas"
6° 07.7′ N 105° 01.2′ E

Submarine pipeline [L40.1] with legend "Gas
& Oil" joining 6° 17.2′ N 105° 01.0′ E
6° 07.7′ N 105° 01.2′ E
6° 06.0′ N 105° 08.4′ E
(10(131)03, 2(55)12 Port Klang; UKHO ARCS 2426-0)

93010 6Ed. 1/9/99 LAST NM 1/14 4/14
Add Moored storage tanker [L17]
"FPSO Perisai Kamelia" 7° 00.5′ N 103° 12.5′ E
Platform (lighted) "Damar A" [L2] 6° 40.5′ N 103° 12.0′ E

Submarine cable (power) [L31.1] between
6° 40.5′ N 103° 12.0′ E
6° 33.1′ N 103° 21.0′ E
(11(178, 179)13 Port Klang)

★93018 8Ed. 3/6/99 NEW EDITION 29/99
(NIMA)

93018 8Ed. 3/6/99 LAST NM 29/99 32/99
Add Light QG 11m 21M, Iso G 6s 19m 21M
7° 13.4′ N 100° 34.2′ E
(4(153)97 Bangkok)

93018 8Ed. 3/6/99 LAST NM 32/99 34/99
Delete Light 6° 53.5′ N 101° 15.0′ E
(BA LL)

93018 8Ed. 3/6/99 LAST NM 34/99 13/01
Add Dangerous wreck [K28] (PA) 5° 53.1′ N 102° 38.0′ E
(44/00 Malaysia)

93018 8Ed. 3/6/99 LAST NM 13/01 16/01
Add Racon [S3.1] at platform "Lawit-A" 6° 33.0′ N 103° 21.0′ E
Racon [S3.1] at platform "Jerneh" 6° 34.5′ N 103° 44.6′ E
(83/99 Malaysia)

93018 8Ed. 3/6/99 LAST NM 16/01 30/01
Add Buoy BRB, pillar, double ball topmark,
Fl(2) 10s [Q130.4] 5° 52.8′ N 102° 38.4′ E
(16/01 Malaysia)

93018 8Ed. 3/6/99 LAST NM 30/01 48/01
Add Danger circle "Wells" [L21.1] 7° 10.0′ N 103° 05.8′ E
Danger circle "Well" [L21.1] 7° 08.9′ N 103° 08.3′ E
Danger circle "Well" [L21.1] 7° 11.4′ N 103° 05.4′ E

Legend "Cakerawala Gas Field-
CAUTION NO 1" 7° 11.0′ N 103° 10.0′ E
(23/01 Malaysia)

93018 8Ed. 3/6/99 LAST NM 48/01 9/02
Change Visibility (range) of light to 11M 8° 33.4′ N 100° 00.2′ E
(Thai CH 205)

93018 8Ed. 3/6/99 LAST NM 9/02 27/02
Add Platform (lighted) [L10] "WP 7" 8° 00.4′ N 102° 24.4′ E
Platform (lighted) [L10] "WP 12" 8° 03.9′ N 102° 14.9′ E
Platform (lighted) [L10] "WP 9" 7° 51.6′ N 102° 28.3′ E
Platform (lighted) [L10] "WP 10" 7° 50.0′ N 102° 26.0′ E
Platform (lighted) [L10] "WP 8" 8° 01.9′ N 102° 22.8′ E
Moored storage tanker (lighted) [L17]
7° 09.1′ N 103° 06.5′ E
Platform (lighted) [L10] 7° 10.0′ N 103° 05.9′ E
Wreck [K29] (PA) 6° 53.1′ N 101° 38.8′ E

Platform (lighted) [L10] "WP 11" with Racon
8° 01.6′ N 102° 28.5′ E
(6(385)01, 2(58)02 Bangkok; NTM0030/2002)

93018 8Ed. 3/6/99 LAST NM 27/02 1/03
Add Light Fl R 3s 12m 5M 5° 12.6′ N 103° 12.9′ E
Light Fl 4s 9m 8M 5° 54.6′ N 102° 42.6′ E
(29, 31/02 Malaysia)

93018 8Ed. 3/6/99 LAST NM 1/03 14/03
Add Depth 24 meters Wk [K26] 6° 17.1′ N 102° 45.4′ E
(6(657)03 Taunton)

93018 8Ed. 3/6/99 LAST NM 14/03 18/03
Add Platform "Seroja A" with light flare symbol
[L2] 6° 58.8′ N 104° 08.4′ E
Platform "Raya B" with light flare symbol
[L2] 6° 58.6′ N 104° 10.8′ E
(10(170)02 Kuala Lumpur)

93018 8Ed. 3/6/99 LAST NM 18/03 24/03
Add Wreck [K29] 5° 53.8′ N 102° 51.5′ E
(3(55)03 Kuala Lumpur)

93018 8Ed. 3/6/99 LAST NM 24/03 26/07
Add Platform with light flare symbol [L10]
5° 34.6′ N 104° 35.1′ E
(8(112)06 Kuala Lumpur)

93018 8Ed. 3/6/99 LAST NM 26/07 45/07
Add Wreck [K29] "Rep" 7° 51.9′ N 102° 02.7′ E
(10(322)07 Tokyo)

93018 8Ed. 3/6/99 LAST NM 45/07 6/08
Add Stranded wreck [K24] (PA) 7° 25.0′ N 100° 34.0′ E
(12(158)07 Bangkok)

93018 8Ed. 3/6/99 LAST NM 6/08 9/08
Add Platform "AWP1" with light flare symbol [L10]
8° 15.7′ N 102° 31.4′ E
Platform "AWP2" with light flare symbol [L10]
8° 18.3′ N 102° 24.2′ E
Platform "AWP3" with light flare symbol [L10]
8° 14.0′ N 102° 33.8′ E
Platform "AWP4" with light flare symbol [L10]
8° 15.0′ N 102° 28.9′ E
Platform "AWP5" with light flare symbol [L10]
8° 27.2′ N 102° 22.0′ E
Platform "AWP6" with light flare symbol [L10]
8° 12.5′ N 102° 29.2′ E
(1(5)07 Bangkok)

93018 8Ed. 3/6/99 LAST NM 9/08 23/08
Add Platform "Jerneh B" with light flare symbol
[L10] 6° 35.2′ N 103° 41.8′ E
(12/08 Malaysia)

93018 8Ed. 3/6/99 LAST NM 23/08 31/08
Add Platform "Bumi-A" with light flare symbol
[L2] 7° 08.6′ N 103° 14.6′ E
Platform "Suriya-A" with light flare symbol
[L2] 7° 06.4′ N 103° 11.1′ E
Platform "Bulan-A" with light flare symbol
[L2] 7° 13.0′ N 103° 02.4′ E
(17/08 Malaysia)

93018 8Ed. 3/6/99 LAST NM 31/08 44/08
Add Platform "Bintang A" with light flare symbol
[L2] 6° 33.4′ N 103° 17.3′ E
Platform "Bintang B" with light flare symbol
[L2] 6° 33.1′ N 103° 15.2′ E

Submarine pipeline (water) [L41.1] joining
6° 33.0′ N 103° 21.0′ E
6° 33.4′ N 103° 17.3′ E
6° 33.1′ N 103° 15.2′ E
(9(151)02 Kuala Lumpur; BA CH 3542)

93018 8Ed. 3/6/99 LAST NM 44/08 6/09
Add Wreck [K29] (PA) 5° 28.8′ N 104° 03.4′ E
(20/08 Malaysia)

93018 8Ed. 3/6/99 LAST NM 6/09 7/09
Add Anchorage symbol (large vessels) [N10]
7° 05.0′ N 103° 00.0′ E
(48/06 Malaysia)

93018 8Ed. 3/6/99 LAST NM 7/09 24/09
Delete Dashed line between 6° 32.0′ N 101° 46.0′ E
6° 35.4′ N 101° 50.0′ E

Dashed line joining 6° 57.0′ N 101° 23.8′ E
6° 54.5′ N 101° 22.0′ E
6° 56.0′ N 101° 19.5′ E

Marine farm symbol 6° 54.0′ N 101° 27.5′ E
Marine farm symbol 6° 52.3′ N 101° 32.2′ E
Marine farm symbol 6° 47.6′ N 101° 37.1′ E

Add Dashed line (marine farm area limit) joining
6° 35.4′ N 101° 50.0′ E
6° 38.4′ N 101° 53.0′ E
6° 55.0′ N 101° 37.8′ E
7° 00.6′ N 101° 25.6′ E
6° 57.0′ N 101° 23.8′ E

Submarine pipeline [L40.1] with legend "Gas
CAUTION NO 2" joining 6° 58.5′ N 100° 46.7′ E
7° 09.9′ N 100° 58.8′ E
7° 09.7′ N 101° 31.8′ E
7° 15.5′ N 102° 13.5′ E
7° 14.0′ N 102° 39.0′ E
7° 10.0′ N 103° 05.8′ E
(5(64)05 Bangkok; 12(205)05 Kuala Lumpur)

93018 8Ed. 3/6/99 LAST NM 24/09 26/09
Add Platform with light flare symbol [L10]
8° 09.4′ N 102° 33.7′ E
(4(53)09 Bangkok)

93018 8Ed. 3/6/99 LAST NM 26/09 30/09
Add Submarine cable [L30.1] joining 7° 10.9′ N 100° 37.0′ E
7° 11.7′ N 100° 37.8′ E
7° 13.9′ N 100° 40.2′ E
7° 17.4′ N 100° 40.8′ E
8° 35.0′ N 100° 22.4′ E

Submarine cable [L30.]1 joining 7° 10.9′ N 100° 37.0′ E
7° 11.5′ N 100° 41.9′ E
7° 10.5′ N 101° 10.2′ E
7° 07.3′ N 101° 17.5′ E
6° 15.0′ N 102° 48.2′ E
(7(89), 9(117)07 Bangkok)

93018 8Ed. 3/6/99 LAST NM 30/09 35/09
Add Moored storage tanker [L17] with light flare
symbol 8° 26.0′ N 102° 23.0′ E
Moored storage tanker [L17] with light flare
symbol 7° 32.1′ N 100° 42.5′ E

Legend "Songkhla A Oilfield
CAUTION NO 1" 7° 30.0′ N 100° 43.0′ E
(9(125), 11(159)08 Bangkok)

93018 8Ed. 3/6/99 LAST NM 35/09 37/09
Add Submarine cable [L30.1] joining 8° 35.0′ N 101° 02.6′ E
8° 25.5′ N 101° 06.9′ E
7° 17.8′ N 102° 28.4′ E
7° 17.8′ N 103° 23.0′ E
7° 00.0′ N 103° 47.0′ E
6° 40.0′ N 104° 38.0′ E
(7(99)08 Bangkok)

93018 8Ed. 3/6/99 LAST NM 37/09 13/10
Add Platform with light flare symbol [L10]
8° 25.4′ N 102° 25.2′ E
(10(147)09 Bangkok)

93018 8Ed. 3/6/99 LAST NM 13/10 27/10
Add "Marine Farm" area bound by dashed line joining 7° 03.5′ N 101° 20.0′ E
7° 03.5′ N 101° 22.1′ E
7° 01.4′ N 101° 22.1′ E
7° 01.4′ N 101° 20.0′ E

Platform [L2] "Song Doc Marine Terminal" with purple composite-line circle, radius 2 miles, and legend "Restricted Area", centered
7° 09.7′ N 104° 03.4′ E

Moored storage tanker [L17] "Song Doc Pride"
7° 09.7′ N 104° 03.8′ E

Anchorage area [N12.1] bound by purple dashed-line circle, radius 1 mile, centered
7° 09.7′ N 104° 07.4′ E

Pilot station symbol [T1.2] with legend "Song Doc" 7° 09.7′ N 104° 09.2′ E
(10(159)09 Bangkok; 32(4148)09 Taunton)

93018 8Ed. 3/6/99 LAST NM 27/10 33/10
Add Platform "AWP3N" with light flare symbol [L10] 8° 25.2′ N 102° 21.6′ E
Platform "WPS1" with light flare symbol [L10] 7° 29.7′ N 102° 36.8′ E
Platform "WPS3" with light flare symbol [L10] 7° 40.7′ N 102° 52.3′ E
(6(71, 72)10 Bangkok)

93018 8Ed. 3/6/99 LAST NM 33/10 39/10
Delete Light 5° 53.4′ N 102° 29.3′ E

Add Platform "LHDP-A" with light flare symbol [L10] 6° 19.5′ N 104° 01.4′ E
(12(191)09 Port Klang; 65/10 Malaysia)

93018 8Ed. 3/6/99 LAST NM 39/10 41/10
Change Light to Fl(2) 10s 31m 13M 8° 30.5′ N 100° 09.1′ E
Light to Fl(3) 20s 158m 17M 8° 23.9′ N 100° 44.5′ E
Height of light to 102m 7° 12.4′ N 100° 35.5′ E

Add Platform with light flare symbol [L10]
8° 22.0′ N 102° 23.6′ E
Platform with light flare symbol [L10]
8° 10.5′ N 102° 40.0′ E
Platform with light flare symbol [L10]
8° 01.1′ N 102° 30.6′ E
Platform with light flare symbol [L10]
7° 42.3′ N 102° 51.5′ E
Platform with light flare symbol [L10]
7° 22.2′ N 102° 35.8′ E
(4(53), 8(107, 115)10 Bangkok; UKHO LL)

93018 8Ed. 3/6/99 LAST NM 41/10 49/10
Add Platform "WP24" with light flare symbol [L10]
7° 56.3′ N 102° 26.5′ E
Platform "WP25" with light flare symbol [L10]
8° 04.7′ N 102° 28.0′ E
Platform "WPS2" with light flare symbol [L10]
7° 31.3′ N 102° 45.7′ E
Platform "WPS4" with light flare symbol [L10]
7° 35.6′ N 102° 31.8′ E
(10(138)10 Bangkok)

93018 8Ed. 3/6/99 LAST NM 49/10 10/11
Add Platform "AWP11" with light flare symbol [L10] 8° 16.0′ N 102° 24.3′ E

Light QG 14m 10M, QR 14m 10M 5° 53.9′ N 102° 29.1′ E
(66, 69/10 Malaysia; 1(14, 15)11 Bangkok)

93018 8Ed. 3/6/99 LAST NM 10/11 17/11
Add Purple composite-line greater arc of a circle, radius 2 miles, centered 5° 38.5′ N 103° 09.3′ E
arc between 5° 39.0′ N 103° 11.1′ E
5° 37.1′ N 103° 07.8′ E

Purple composite-line greater arc of a circle, radius 2 miles, centered 5° 37.5′ N 103° 09.8′ E
arc between 5° 39.0′ N 103° 11.1′ E
5° 37.1′ N 103° 07.8′ E

Legend "Marine Nature Reserve" centered
5° 38.0′ N 103° 09.5′ E
(4(75)10 Port Klang)

93018 8Ed. 3/6/99 LAST NM 17/11 21/11
Add Light Fl(2) 5s 13m 10M 5° 34.3′ N 102° 59.1′ E
(66/10 Malaysia)

93018 8Ed. 3/6/99 LAST NM 21/11 28/11
Add Light Fl(2) 6s 13m 5M 5° 44.2′ N 103° 01.2′ E
Light Fl 5s 31m 10M 5° 40.6′ N 102° 49.5′ E
(66/10 Malaysia)

93018 8Ed. 3/6/99 LAST NM 28/11 43/11
Change Light to Fl(4) 30s 102m 25M 7° 12.4′ N 100° 35.5′ E
(6(84)11 Bangkok)

93018 8Ed. 3/6/99 LAST NM 43/11 37/12
Delete Dashed line joining 6° 26.3′ N 102° 00.7′ E
6° 22.9′ N 102° 04.7′ E
6° 22.2′ N 102° 04.7′ E

Add Dashed line (marine farm area limit) joining
6° 26.3′ N 102° 00.7′ E
6° 27.6′ N 102° 02.0′ E
6° 25.0′ N 102° 05.1′ E
6° 22.2′ N 102° 05.1′ E
6° 22.2′ N 102° 04.7′ E

Platform (lighted) "AWP15" [L2] 8° 29.1′ N 102° 23.4′ E
Platform (lighted) "AWP16" [L2] 8° 19.7′ N 102° 31.3′ E
Platform (lighted) "AWP17" [L2] 8° 19.0′ N 102° 16.5′ E
Platform (lighted) "AWP18" [L2] 8° 13.0′ N 102° 34.0′ E
Platform (lighted) "WP26" [L2] 8° 13.4′ N 102° 16.8′ E
(7(100P, 101)11, 5(64P, 65), 6(78), 7(85P, 86)12 Bangkok)

93018 8Ed. 3/6/99 LAST NM 37/12 52/12
Add Designation "WPS5" and Racon (Y) [S3.3] to platform 7° 22.2′ N 102° 35.8′ E

Platform (lighted) "WP27" [L2] 8° 03.6′ N 102° 24.8′ E
Platform (lighted) "WP28" [L2] 8° 06.4′ N 102° 14.5′ E
Platform (lighted) "WP29" [L2] 8° 06.2′ N 102° 16.3′ E
Platform (lighted) "AWP19" [L2] 8° 17.4′ N 102° 16.8′ E
Platform (lighted) "AWP20" [L2] 8° 18.0′ N 102° 15.1′ E
Platform (lighted) "AWP21" [L2] 8° 24.0′ N 102° 22.2′ E
(11(141P, 142)12 Bangkok)

93018 8Ed. 3/6/99 LAST NM 52/12 22/13
Add Dangerous wreck [K28] (PA) 7° 32.7′ N 100° 37.6′ E
(2(19)13 Bangkok)

93018 8Ed. 3/6/99 LAST NM 22/13 37/13
Delete Moored storage tanker 7° 32.1′ N 100° 42.5′ E

Change Legend to "SONGKHLA OILFIELD CAUTION NO 1" 7° 30.0′ N 100° 43.0′ E

Add Platform (lighted) "A" [L2] 7° 32.1′ N 100° 42.6′ E
Platform (lighted) "C-PP&C-WP" [L2]
7° 28.4′ N 100° 36.5′ E
Platform (lighted) "D" [L2] 7° 31.1′ N 100° 36.6′ E
Platform (lighted) "E" [L2] 7° 34.3′ N 100° 37.2′ E
Platform (lighted) "G" [L2] 7° 26.2′ N 100° 36.2′ E

Anchorage area [N12.1] bound by purple dashed-line circle, radius 1.5 miles, centered
7° 35.4′ N 100° 42.1′ E
(4(59)13 Bangkok)

93018 8Ed. 3/6/99 LAST NM 37/13 40/13
Delete Light 5° 38.7′ N 102° 46.8′ E

(continued on next page)

93018 (Continued) 40/13
Add Platform (lighted) "Bunga Kamelia A" [L2]
7° 00.2′ N 103° 13.2′ E
Platform (lighted) "MDPP" [L2] 7° 35.5′ N 102° 59.2′ E
Platform (lighted) "MDB" [L2] 7° 34.6′ N 102° 55.1′ E
Platform (lighted) "MDC" [L2] 7° 35.2′ N 102° 57.6′ E
Platform (lighted) "JKA" [L2] 7° 30.1′ N 103° 16.5′ E
Platform (lighted) "FSO Ratu Songkhla" [L2]
7° 36.8′ N 102° 58.3′ E
(29/10, 80/12, 48/13 Malaysia)

93018 8Ed. 3/6/99 LAST NM 40/13 41/13
Add Platform (lighted) [L10] 8° 00.9′ N 102° 40.1′ E
Platform (lighted) [L10] 8° 00.7′ N 102° 35.3′ E
Platform (lighted) [L10] 8° 31.2′ N 102° 18.8′ E
(8(125)13 Bangkok)

93018 8Ed. 3/6/99 LAST NM 41/13 43/13
Delete Platform "Raya B" 6° 58.6′ N 104° 10.8′ E

Add Platform (lighted) "Bunga Tulip A" [L2]
6° 54.2′ N 104° 11.8′ E
Platform (lighted) "A" [L2] 6° 58.6′ N 104° 10.8′ E
Platform (lighted) "Resak RCPP RDP-A" [L2]
5° 36.5′ N 103° 54.4′ E

Submarine pipeline [L40.1] with legend "Gas
CAUTION NO 2" joining 6° 58.7′ N 104° 10.8′ E
6° 57.1′ N 104° 11.6′ E
5° 39.0′ N 103° 53.5′ E
5° 37.5′ N 103° 53.6′ E
5° 36.5′ N 103° 54.4′ E

Submarine pipeline [L40.1] with legend "Gas
CAUTION NO 2" joining 5° 36.5′ N 103° 54.4′ E
5° 35.9′ N 103° 54.7′ E
5° 35.2′ N 103° 54.7′ E
5° 19.7′ N 103° 47.1′ E
5° 10.0′ N 103° 43.7′ E
(11(145)03, 4(80)08 Port Klang; UKHO ARCS 2426-0, 3446-0)

93018 8Ed. 3/6/99 LAST NM 43/13 44/13
Add Platform (lighted) "MLDP-A" [L2] 6° 10.7′ N 104° 04.5′ E
Platform (lighted) "TBCP-A" [L2] 5° 57.3′ N 104° 11.6′ E
(5(80)10 Port Klang)

93018 8Ed. 3/6/99 LAST NM 44/13 52/13
Add Platform (lighted) "Suriya-B" [L2] 7° 10.1′ N 103° 11.1′ E
(7(127)12 Port Klang)

93018 8Ed. 3/6/99 LAST NM 52/13 1/14
Add Platform (lighted) "East Piatu" [L2] 6° 33.0′ N 104° 33.5′ E
Platform (lighted) "Larut A" [L2] 6° 24.9′ N 104° 34.1′ E

Submarine pipeline [L40.1] with legend "Gas
& Oil CAUTION NO 2" between 6° 33.0′ N 104° 33.5′ E
6° 24.9′ N 104° 34.1′ E

Submarine pipeline [L40.1] with legend "Gas"
between 6° 24.9′ N 104° 34.1′ E
6° 21.8′ N 104° 38.0′ E

Submarine pipeline [L40.1] with legend "Oil"
between 6° 24.9′ N 104° 34.1′ E
6° 15.3′ N 104° 38.0′ E
(2(55)12 Port Klang; UKHO ARCS 2426-0)

93018 8Ed. 3/6/99 LAST NM 1/14 4/14
Add Moored storage tanker [L17]
"FPSO Perisai Kamelia" 7° 00.5′ N 103° 12.5′ E
Platform (lighted) "Damar A" [L2] 6° 40.5′ N 103° 12.0′ E

Submarine cable (power) [L31.1] between
6° 40.5′ N 103° 12.0′ E
6° 33.1′ N 103° 21.3′ E
(11(178, 179)13 Port Klang)

★93020 2Ed. 7/16/83 NEW EDITION 38/83
Add Depth 7 fathoms "Rep (1982)" 9° 43′ N 109° 07′ E
(DMAHTC; NVS7025/83)

93020 2Ed. 7/16/83 LAST NM 38/83 33/85
Delete Depth 470 fathoms 8° 20.6′ N 109° 53.1′ E
Add Depths
10 fathoms 5 feet 8° 06.5′ N 104° 44.8′ E
7 fathoms 3 feet 7° 22.5′ N 109° 01.1′ E
9 fathoms 4 feet 7° 16.3′ N 109° 43.1′ E
37 fathoms 8° 09.7′ N 108° 52.1′ E
53 fathoms 8° 20.8′ N 109° 54.3′ E

Rock "Uncov 13 ft" 8° 27.1′ N 104° 34.8′ E
(24(1610)85 Taunton)

93020 2Ed. 7/16/83 LAST NM 33/85 35/85
Substitute Rock "Uncov 4 ft" for
rock "Uncov 13 ft" 8° 27.1′ N 104° 34.8′ E
(See 33/85-93020)
(24(1610)85 Taunton)

93020 2Ed. 7/16/83 LAST NM 35/85 36/85
Add Depths
17 fathoms 8° 49.4′ N 108° 26.0′ E
18 fathoms 8° 46.5′ N 108° 17.6′ E
15 fathoms 8° 39.0′ N 108° 05.4′ E
17 fathoms 8° 35.2′ N 108° 13.1′ E
14 fathoms 8° 28.9′ N 107° 50.0′ E
13 fathoms 8° 20.7′ N 107° 35.0′ E
16 fathoms 8° 14.2′ N 107° 49.1′ E
10 fathoms 5 feet 9° 24.5′ N 108° 22.4′ E
9 fathoms 5 feet 8° 19.7′ N 106° 34.7′ E
(29(1905)85 Taunton)

93020 2Ed. 7/16/83 LAST NM 36/85 33/87
Change Light to Fl(3+1) 10s 65m 7M 10° 41.5′ N 107° 59.7′ E
Period of light to 10s 10° 19.9′ N 107° 04.9′ E
(BA LL)

93020 2Ed. 7/16/83 LAST NM 33/87 41/88
Add Dashed line joining 9° 51.6′ N 108° 00.5′ E
9° 51.6′ N 108° 02.5′ E
9° 46.7′ N 108° 02.5′ E
9° 44.3′ N 107° 58.2′ E
9° 46.5′ N 107° 58.2′ E
9° 47.7′ N 108° 00.5′ E

Legend "Numerous Platforms" 9° 49.6′ N 108° 07.2′ E
(32(2451)88 Taunton)

★93020 2Ed. 7/16/83 LAST NM 41/88 35/89
Add Depth 320 fathoms 8° 48.2′ N 109° 39.9′ E
(MCNM1078/89)

★93020 2Ed. 7/16/83 LAST NM 35/89 39/90
Substitute Depth 64 fathoms "Rep (1989)" for
70 fathoms 9° 55.8′ N 109° 55.0′ E

Add Depth 65 fathoms "Rep (1989)" 9° 51.4′ N 109° 50.5′ E
(MCNM1021/90)

93020 2Ed. 7/16/83 LAST NM 39/90 45/90
Add Depth 6 fathoms 5 feet "Rep (l990)"
(PA) 7° 23.0′ N 108° 57.0′ E
(MCNM1047/90)

93020 2Ed. 7/16/83 LAST NM 45/90 10/91
Change Characteristic of light to Fl(3) 10s 8° 39.9′ N 106° 42.6′ E
(BA LL)

★93020 2Ed. 7/16/83 LAST NM 10/91 13/91
Add Depth 233 fathoms "Rep (1990)" 8° 16.0′ N 109° 38.0′ E
(MCNM1079/91)

93020 2Ed. 7/16/83 LAST NM 13/91 33/93
Add Depth
6 fathoms 5 feet "Rep (1992)" 7° 16.0′ N 108° 59.0′ E
4 fathoms "Rep (1992)" 7° 14.0′ N 108° 57.0′ E
(MCC1265/93)

93020 2Ed. 7/16/83 LAST NM 33/93 42/93
Add Racon at light 10° 19.9′ N 107° 04.9′ E
(BA RA)

93020 2Ed. 7/16/83 LAST NM 42/93 5/95
Add Superbuoy SBM with light flare symbol and legend "Bach Ho Oilfield (storage tanker)" 9° 52.5′ N 108° 00.0′ E

Pilot station symbol 9° 55.5′ N 108° 00.0′ E
(47(3952)94 Taunton)

93020 2Ed. 7/16/83 LAST NM 5/95 10/95
Add Light Fl(2) 7s 525ft 12M (PA) 8° 57.1′ N 104° 31.5′ E
(1(52)95 Taunton)

★**93020** 2Ed. 7/16/83 LAST NM 10/95 22/95
Add "Dai Hung Oil field (see Note)" area bound by purple composite line joining 8° 30.0′ N 108° 45.0′ E
8° 25.0′ N 108° 40.0′ E
8° 25.0′ N 108° 38.0′ E
8° 27.0′ N 108° 36.0′ E
8° 29.0′ N 108° 36.0′ E
8° 34.0′ N 108° 41.0′ E

Note
"OIL FIELDS
The limits of development areas are charted around certain fields. Uncharted surface structures and submerged obstructions may exist in these areas. Platforms and tanker moorings are generally marked by some or all of the following: Mo(U) W or R lights, aircraft obstruction lights and fog signals. Vessels, subsurface craft and divers engaged in construction and servicing of these installations may be encountered. Unauthorized navigation is prohibited within 500 meters of all structures and submerged wells marked by buoys. Caution should be exercised by all vessels navigating in the vicinity of the oil fields." 10° 30.0′ N 106° 00.0′ E
(MCC0034/95)

93020 2Ed. 7/16/83 LAST NM 22/95 52/95
Add Submarine cable between 7° 53.7′ N 105° 07.0′ E
7° 44.2′ N 104° 15.0′ E
(45(3702)95 Taunton)

93020 2Ed. 7/16/83 LAST NM 52/95 5/96
Delete Depth 19 fathoms 9° 38.3′ N 107° 44.6′ E

Add Depth 7 fathoms 9° 37.8′ N 107° 45.5′ E
(47(3877)95 Taunton)

93020 2Ed. 7/16/83 LAST NM 5/96 8/96
Add Dangerous wreck (PA) 9° 21.7′ N 107° 58.0′ E
(4(269)96 Taunton)

93020 2Ed. 7/16/83 LAST NM 8/96 9/96
Add Dangerous wreck (Mast) 10° 39.3′ N 108° 16.1′ E
(49(4037)95 Taunton)

93020 2Ed. 7/16/83 LAST NM 9/96 15/96
Add Light
Fl(2) 13s 22m 12M 7° 33.0′ N 109° 42.0′ E
Fl(3) 8s 22m 12M 7° 33.2′ N 109° 48.0′ E
Fl(2) 8s 22m 12M 7° 55.7′ N 109° 57.1′ E
(49(43)95 Brest; Fr LL)

93020 2Ed. 7/16/83 LAST NM 15/96 51/96
Add Depth 24 fathoms 7° 36.3′ N 108° 30.0′ E
(43(3560)96 Taunton)

93020 2Ed. 7/16/83 LAST NM 51/96 51/97
Add Submarine cable joining 7° 41.8′ N 104° 15.0′ E
7° 43.9′ N 104° 25.3′ E
8° 13.0′ N 106° 47.3′ E
8° 59.2′ N 108° 11.9′ E
9° 18.8′ N 108° 51.5′ E
9° 18.9′ N 108° 52.8′ E
9° 13.2′ N 109° 29.0′ E
(31(2783)97 Taunton)

93020 2Ed. 7/16/83 LAST NM 51/97 15/98
Add Dangerous wreck (PA) 8° 12.0′ N 105° 32.0′ E
(41(3664)97 Taunton)

93020 2Ed. 7/16/83 LAST NM 15/98 22/98
Relocate Superbuoy SBM (9° 52.5′ N 108° 00.0′ E) to 9° 49.9′ N 107° 59.9′ E
(43(3847)97 Taunton)

93020 2Ed. 7/16/83 LAST NM 22/98 37/98
Add Depth
29 fathoms 8° 15.2′ N 108° 03.5′ E
41 fathoms 8° 43.5′ N 108° 55.4′ E
50 fathoms 9° 02.8′ N 109° 06.7′ E
37 fathoms 8° 07.2′ N 108° 19.1′ E
46 fathoms 7° 57.7′ N 108° 37.9′ E
52 fathoms 7° 50.3′ N 108° 52.1′ E
46 fathoms 8° 08.9′ N 109° 38.9′ E
(51(4599)97 Taunton; BA CH 3482)

93020 2Ed. 7/16/83 LAST NM 37/98 7/99
Add Platform with light flare symbol 10° 23.0′ N 108° 29.4′ E
(37(3379)98 Taunton)

93020 2Ed. 7/16/83 LAST NM 7/99 15/99
Add Platform with light flare symbol 9° 45.6′ N 107° 59.2′ E

Submarine pipeline with legend "Gas CAUTION NO 3" between 9° 45.6′ N 107° 59.2′ E
10° 22.5′ N 107° 15.5′ E

Caution No. 3 to CAUTIONS note in right upper margin of chart
"3. Gas from a damaged oil or gas pipeline could cause an explosion or some other serious hazard. Pipelines are not always buried and their presence may effectively reduce the charted depth by as much as 2 meters. Where pipelines are close together, only one may be charted. Mariners should not anchor or trawl in the vicinity of a pipeline; they may risk prosecution if damage is caused."
(20(1747)98 Taunton)

93020 2Ed. 7/16/83 LAST NM 15/99 37/99
Add Depth 10 fathoms 5 feet "Rep (1989)" 8° 25.1′ N 106° 30.9′ E
Depth 10 fathoms 5 feet "Rep (1989)" 8° 25.3′ N 106° 42.8′ E
Depth 10 fathoms 5 feet "Rep (1989)" 8° 39.7′ N 107° 04.6′ E
(BA CH 3482)

93020 2Ed. 7/16/83 LAST NM 37/99 26/01
Add Moored storage tanker [L17] 10° 00.9′ N 108° 15.1′ E

"Rang Dong Oilfield CAUTION NO 4" bound by purple composite-line circle, radius 5 miles, centered 10° 00.9′ N 108° 15.1′ E

Moored storage tanker [L17] 10° 22.7′ N 108° 29.8′ E

"Ruby Oilfield CAUTION NO 4" bound by purple composite-line circle, radius 2 miles, centered 10° 22.7′ N 108° 29.8′ E

Legend "CAUTION NO 4" 8° 26.5′ N 108° 38.5′ E

Caution No. 4 to CAUTIONS note in right upper margin of chart
"4. The Vietnamese Government advises mariners not to enter the Restricted Areas of the Dai Hung, Rang Dong and Ruby Oilfields. Only authorized vessels should enter the Restricted Area."
(13(1205), 41(3792)99 Taunton)

93020 2Ed. 7/16/83 LAST NM 26/01 42/01
Add Rock awash [K12] "Rep (1999)" (PA) 9° 02.7′ N 108° 17.3′ E
(NTM0013/2001)

93020 2Ed. 7/16/83 LAST NM 42/01 15/02
Add Dangerous wreck [K28] (PA) 7° 55.5′ N 106° 04.7′ E
(NTM0015/2002)

93020 2Ed. 7/16/83 LAST NM 15/02 24/02
Add Depth 9 fathoms 5 feet "Rep (2002)" [I3.2] 7° 12.2′ N 108° 36.6′ E
(18(1833)02 Taunton)

93020 2Ed. 7/16/83 LAST NM 24/02 38/02
Add Platform "Lan Tay" with light flare symbol [L10] 7° 34.6′ N 108° 52.4′ E

Submarine pipeline with legend "Gas CAUTION NO 3" joining 10° 22.8′ N 107° 15.0′ E
10° 19.6′ N 107° 16.1′ E
10° 15.2′ N 107° 19.3′ E
10° 02.3′ N 107° 27.0′ E
9° 56.0′ N 107° 34.8′ E
9° 48.8′ N 107° 38.5′ E
9° 38.5′ N 107° 44.4′ E
9° 31.4′ N 107° 45.4′ E
8° 51.2′ N 108° 09.3′ E
8° 42.8′ N 108° 11.4′ E
7° 53.6′ N 108° 43.2′ E
7° 34.6′ N 108° 52.4′ E
(29(3075)02 Taunton)

93020 2Ed. 7/16/83 LAST NM 38/02 4/03
Delete Light (PA) 7° 55.7′ N 109° 57.1′ E

Add Light Fl(2) 8s 12M (PA) 7° 48.8′ N 109° 56.9′ E
(48(5155)02 Taunton)

93020 2Ed. 7/16/83 LAST NM 4/03 13/03
Add Depth 12 fathoms Wk [K26] 7° 16.3′ N 105° 43.4′ E
(6(658)03 Taunton)

93020 2Ed. 7/16/83 LAST NM 13/03 50/07
Add Light Fl(2) 16s 107m 10° 32.2′ N 108° 56.4′ E
(21(2088)00 Taunton; BA LL)

93020 2Ed. 7/16/83 LAST NM 50/07 13/08
Add Chartlet, depicting changes in platforms, pipelines and oil field limits, from Subsection I-2 9° 48.0′ N 108° 05.0′ E
(50(4835)00, 37(3950)02 Taunton)

93020 2Ed. 7/16/83 LAST NM 13/08 46/08
Substitute Depth 80 fathoms for 4 fathoms "Rep (1992)" 7° 14.0′ N 108° 57.0′ E

Depth 86 fathoms for 6 fathoms 5 feet "Rep (1992)" 7° 16.0′ N 108° 59.0′ E

Depth 93 fathoms for 7 fathoms 3 feet 7° 22.5′ N 109° 01.1′ E

Depth 74 fathoms for 6 fathoms 5 feet "Rep (1990)" (PA) 7° 23.0′ N 108° 57.0′ E

Add Depth 95 fathoms 7° 16.1′ N 109° 02.8′ E
(NTM0005/2008)

★**93020** 2Ed. 7/16/83 LAST NM 46/08 24/10
Substitute Depth 204 fathoms for 238 fathoms 7° 05.9′ N 109° 18.3′ E

Add Depth 32 fathoms 7° 18.8′ N 109° 27.4′ E
(NTM0001/2010)

93020 2Ed. 7/16/83 LAST NM 24/10 31/12
Add Depth 8 fathoms 2 feet "Rep (2010)", blue tint and enclosing dotted-line circle centered [I4] 9° 06.8′ N 107° 52.9′ E
(49(5894)10 Taunton)

★**93020** 2Ed. 7/16/83 LAST NM 31/12 6/13
Delete Depth 30 fathoms, enclosing depth contour (30-fathom) and legend "Juniata Bank" in vicinity 10° 31.3′ N 109° 37.9′ E

Add Wreck [K29] 10° 34.4′ N 109° 30.6′ E
Depth 153 fathoms 10° 32.7′ N 109° 37.3′ E
(NTM0002/2013)

93020 2Ed. 7/16/83 LAST NM 6/13 12/13
Change Light to Fl(2) 10s 212m 27M 8° 39.9′ N 106° 42.6′ E
(US CH 93342)

★**93020** 2Ed. 7/16/83 LAST NM 12/13 14/13
Add Depth 518 fathoms 9° 32.1′ N 109° 44.1′ E
(NTM0005/2013)

★**93020** 2Ed. 7/16/83 LAST NM 14/13 24/13
Add "Entry Restricted" area [N2.1] bound by purple composite line joining 8° 05.2′ N 108° 54.5′ E
8° 05.2′ N 108° 56.3′ E
8° 02.6′ N 108° 58.7′ E
7° 53.1′ N 108° 47.2′ E
7° 55.5′ N 108° 44.8′ E

Platform (lighted) [L10] 7° 55.7′ N 108° 47.5′ E
Platform (lighted) [L10] 8° 02.7′ N 108° 55.7′ E
(NTM0014/2013; UKHO ARCS 3482-0)

★**93020** 2Ed. 7/16/83 LAST NM 24/13 30/13
Add Depth 58 fathoms Wk [K26] 7° 40.0′ N 108° 52.8′ E
(NTM0014/2013)

93020 2Ed. 7/16/83 LAST NM 30/13 46/13
Add Submarine cable [L30.1] joining 7° 05.0′ N 108° 19.6′ E
7° 09.1′ N 108° 21.6′ E
7° 23.9′ N 108° 31.4′ E
8° 01.3′ N 108° 44.1′ E
8° 35.3′ N 108° 59.0′ E
8° 39.9′ N 109° 01.8′ E
8° 45.2′ N 109° 04.4′ E
(5(78)10 Port Klang)

93020 2Ed. 7/16/83 LAST NM 46/13 50/13
Add Submarine cable [L30.1] joining 10° 20.9′ N 107° 06.3′ E
10° 15.8′ N 107° 15.6′ E
9° 25.3′ N 107° 45.0′ E
9° 17.6′ N 107° 45.8′ E
9° 17.8′ N 107° 52.0′ E
9° 19.2′ N 107° 54.6′ E
9° 19.0′ N 108° 35.8′ E
9° 17.5′ N 108° 44.1′ E
9° 13.8′ N 108° 48.8′ E
9° 11.6′ N 109° 04.4′ E
9° 11.1′ N 109° 07.7′ E
(5(78)10 Port Klang; UKHO ARCS 3482-0)

93020 2Ed. 7/16/83 LAST NM 50/13 1/14
Change Platform to "Lan Tay" Mo(U) 15s Racon (T) 7° 34.6′ N 108° 52.4′ E

Add Danger circle "Wells" [L20] 7° 37.2′ N 109° 06.7′ E

Submarine pipeline (gas) [L40.1] between 7° 37.2′ N 109° 06.7′ E
7° 34.6′ N 108° 52.4′ E
(46(5159)12 Taunton; UKHO ARCS 3482-0; UKHO LL)

93020 2Ed. 7/16/83 LAST NM 1/14 4/14
Delete Depth 290 fathoms "Rep (1965)" 8° 46.3′ N 109° 54.5′ E
(NTM0001/2014)

93020 2Ed. 7/16/83 LAST NM 4/14 5/14
Add Submarine pipeline [L40.1] between 8° 10.9′ N 108° 32.0′ E
8° 02.7′ N 108° 55.7′ E
(47(4935)13 Taunton)

★**93022** 4Ed. 8/12/95 NEW EDITION 41/95
Change Legend to "R Bn (AERO)" 10° 55.2′ N 108° 09.9′ E
(DMA)

93022 4Ed. 8/12/95 LAST NM 41/95 5/96
Delete Depth 34 meters 9° 38.3′ N 107° 44.6′ E

Add Depth 13 meters 9° 37.8′ N 107° 45.5′ E

Legend "(see Note)" 9° 52.5′ N 108° 03.5′ E

(continued on next page)

93022 (Continued) 5/96

Note

"OIL FIELDS

The limits of development areas are charted around certain fields. Uncharted surface structures and submerged obstructions may exist in these areas. Platforms and tanker moorings are generally marked by some or all of the following: Mo(U) W or R lights, aircraft obstruction lights and fog signals. Vessels, subsurface craft and divers engaged in construction and servicing of these installations may be encountered. Unauthorized navigation is prohibited within 500 meters of all structures and submerged wells marked by buoys. Caution should be exercised by all vessels navigating in the vicinity of the oil fields." 13° 15.0′ N 107° 50.0′ E

(DMA; 47(3877)95 Taunton)

93022 4Ed. 8/12/95 LAST NM 5/96 9/96

Add Dangerous wreck (Mast) 10° 39.4′ N 108° 15.9′ E

(49(4037)95 Taunton)

93022 4Ed. 8/12/95 LAST NM 9/96 18/98

Change Characteristic of light to Fl(3) Y 10s 12° 53.7′ N 109° 27.7′ E

(BA LL)

93022 4Ed. 8/12/95 LAST NM 18/98 22/98

Relocate Superbuoy SBM close SSW to 9° 49.9′ N 107° 59.9′ E

(43(3847)97 Taunton)

93022 4Ed. 8/12/95 LAST NM 22/98 7/99

Add Platform with light flare symbol 10° 23.0′ N 108° 29.4′ E

(37(3379)98 Taunton)

93022 4Ed. 8/12/95 LAST NM 7/99 15/99

Add Platform with light flare symbol 9° 45.7′ N 107° 59.0′ E

Submarine pipeline with legend "Gas CAUTION NO 3" between 9° 45.7′ N 107° 59.0′ E
10° 02.1′ N 107° 39.8′ E

Caution No. 3 to CAUTIONS note "3. Gas from a damaged oil or gas pipeline could cause an explosion or some other serious hazard. Pipelines are not always buried and their presence may effectively reduce the charted depth by as much as 2 meters. Where pipelines are close together, only one may be charted. Mariners should not anchor or trawl in the vicinity of a pipeline; they may risk prosecution if damage is caused." 12° 55.0′ N 108° 10.0′ E

(20(1747)98 Taunton)

93022 4Ed. 8/12/95 LAST NM 15/99 26/01

Add Moored storage tanker [L17] 10° 00.9′ N 108° 15.1′ E

"Rang Dong Oilfield CAUTION NO 4" bound by purple composite-line circle, radius 5 miles, centered 10° 00.9′ N 108° 15.1′ E

Moored storage tanker [L17] 10° 22.7′ N 108° 29.8′ E

"Ruby Oilfield CAUTION NO 4" bound by purple composite-line circle, radius 2 miles, centered 10° 22.7′ N 108° 29.8′ E

Caution No. 4 to CAUTIONS note "4. The Vietnamese Government advises mariners not to enter the Restricted Areas of the Rang Dong and Ruby Oilfields. Only authorized vessels should enter the Restricted Area." 12° 55.0′ N 108° 10.0′ E

(13(1205), 41(3792)99 Taunton)

93022 4Ed. 8/12/95 LAST NM 26/01 6/02

Delete Depth 201 meters 12° 36.0′ N 109° 44.5′ E
Depth 292 meters 12° 33.0′ N 109° 43.9′ E
Depth 695 meters 12° 29.0′ N 109° 46.6′ E

Add Depth 178 meters 12° 55.6′ N 109° 44.3′ E
Depth 181 meters 12° 49.1′ N 109° 45.0′ E
Depth 154 meters 12° 40.9′ N 109° 45.0′ E
Depth 174 meters 12° 36.3′ N 109° 45.0′ E
Depth 128 meters 12° 33.9′ N 109° 44.9′ E
Depth 106 meters 12° 30.5′ N 109° 44.9′ E
Depth 110 meters 12° 28.1′ N 109° 44.9′ E
Depth 137 meters 12° 24.9′ N 109° 45.2′ E

(20(1811)99 Taunton)

93022 4Ed. 8/12/95 LAST NM 6/02 18/02

Delete R Bn (AERO) at light 10° 55.1′ N 108° 06.4′ E

(BA RA)

93022 4Ed. 8/12/95 LAST NM 18/02 50/07

Add Light Fl(2) 16s 107m 10° 32.2′ N 108° 56.4′ E

(21(2088)00 Taunton; BA LL)

93022 4Ed. 8/12/95 LAST NM 50/07 13/08

Add Chartlet, depicting changes in platforms, pipelines and oil field limits, from Subsection I-2 9° 50.0′ N 108° 08.0′ E

(50(4835)00, 37(3950)02 Taunton)

93022 4Ed. 8/12/95 LAST NM 13/08 6/13

Delete Depth 55 meters, enclosing depth contour (100-meter) and legend "Juniata Bank" in vicinity 10° 31.2′ N 109° 37.7′ E

Add Wreck [K29] 10° 34.4′ N 109° 30.6′ E
Depth 280 meters 10° 32.7′ N 109° 37.3′ E

(NTM0002/2013)

★93025 5Ed. 10/11/97 NEW EDITION 5/98

Delete Depth 9.4 meters "Rep (1960)" (PD) 16° 17.9′ N 109° 20.0′ E

Depths 9.1 meters "(Rep 1960)" (PD), 12.8 meters "(Rep 1964)" (PD), blue tint and enclosing limiting danger line in vicinity 16° 13.0′ N 109° 15.0′ E

Change Caution No 2 of CAUTIONS note to "2. Attention is called to the fact that in many cases pipelines are not buried, and charted depths may be decreased by up to two meters. In addition, gas pipelines carry flammable natural gas under high pressure. Any vessel damaging a line could face an immediate fire hazard, or loss of buoyancy. Vessels are requested not to anchor or trawl in the vicinity of pipelines." 15° 47.0′ N 105° 33.0′ E

(NIMA; GIMM048/97)

93025 5Ed. 10/11/97 LAST NM 5/98 27/98

Add Purple dashed-line circle "Unexploded Ordnance" 18° 13.2′ N 110° 03.3′ E
18° 11.7′ N 110° 07.2′ E

(7(69)98 Tianjin; Cna CH 9706)

93025 5Ed. 10/11/97 LAST NM 27/98 23/99

Delete Danger circle "Well" 17° 31.0′ N 109° 00.5′ E

Add Legend "YACHENG GAS FIELD (see Note)" 17° 28.0′ N 109° 10.0′ E

(31(2758)98 Taunton)

93025 5Ed. 10/11/97 LAST NM 23/99 25/99

Change Light to Fl 18M Racon 18° 19.4′ N 108° 57.0′ E
Change Light to Fl(3) 18M Racon 18° 23.3′ N 110° 03.0′ E

(6(69, 70)99 Tianjin)

93025 5Ed. 10/11/97 LAST NM 25/99 9/00

Add Purple dashed-line circle "Unexploded ordnance" 18° 15.3′ N 110° 07.7′ E

(9(115)99 Tianjin)

93025 5Ed. 10/11/97 LAST NM 9/00 45/02

Change Visibility (range) of light to 18M 18° 13.9′ N 109° 22.0′ E

(BA LL)

93025 5Ed. 10/11/97 LAST NM 45/02 45/03
Add Wreck [K29] 18° 12.6′ N 109° 43.8′ E
(51(957)02 Tianjin)

93025 5Ed. 10/11/97 LAST NM 45/03 9/05
Add Wreck [K29] (PA) 17° 49.5′ N 109° 00.6′ E
(45(911)04 Tianjin)

93025 5Ed. 10/11/97 LAST NM 9/05 36/06
Add Purple dashed-line circle "Unexploded ordnance" (PA) 18° 14.3′ N 110° 04.2′ E
(22(420)06 Tianjin)

93025 5Ed. 10/11/97 LAST NM 36/06 36/07
Add Submarine cable [L30.1] joining 18° 13.3′ N 109° 31.0′ E
18° 12.1′ N 109° 30.7′ E
18° 11.5′ N 109° 30.7′ E
18° 08.2′ N 109° 30.0′ E
18° 06.2′ N 109° 30.0′ E
18° 00.0′ N 109° 37.5′ E
17° 53.0′ N 109° 47.6′ E
17° 47.8′ N 109° 54.6′ E
17° 33.8′ N 110° 13.6′ E
17° 15.6′ N 110° 37.9′ E
16° 56.1′ N 111° 04.7′ E
(38(849)06 Tianjin)

93025 5Ed. 10/11/97 LAST NM 36/07 50/07
Add Submarine cable [L30.1] joining 15° 58.3′ N 108° 17.2′ E
15° 59.9′ N 108° 22.3′ E
16° 00.2′ N 108° 22.4′ E
16° 01.1′ N 108° 26.2′ E
16° 03.0′ N 108° 27.8′ E
16° 02.9′ N 108° 42.8′ E
15° 59.0′ N 108° 52.7′ E
15° 58.3′ N 108° 54.2′ E
15° 58.1′ N 109° 15.5′ E
15° 57.4′ N 109° 20.0′ E
15° 53.8′ N 109° 33.4′ E
(21(2087)00 Taunton)

93025 5Ed. 10/11/97 LAST NM 50/07 51/07
Change Visibility (range) of light to 6M 18° 14.2′ N 109° 29.6′ E
(BA LL)

93025 5Ed. 10/11/97 LAST NM 51/07 37/10
Add Wreck [K29] (PA) 16° 54.5′ N 110° 11.5′ E
(23(1109)10 Tianjin)

93025 5Ed. 10/11/97 LAST NM 37/10 10/11
Add Buoy "J1" Y, pillar, "X" topmark, Mo(O) Y 12s [Q130.6] 18° 05.1′ N 110° 17.3′ E
(Cna CH 16100)

93025 5Ed. 10/11/97 LAST NM 10/11 8/13
Add Purple dashed-line circle "Unexploded Ordnance" [Kp] 18° 12.7′ N 110° 06.4′ E

Light Iso R 10M 18° 16.7′ N 109° 43.5′ E
AIS [S17.1] to light 18° 13.9′ N 109° 22.0′ E

Buoy BRB, pillar, double ball topmark, Fl(2) 5s [Q130.4] 18° 14.6′ N 109° 07.6′ E
Buoy BRB, pillar, double ball topmark, Fl(2) 5s [Q130.4] 18° 13.0′ N 109° 21.0′ E
(5(97)08, 19(634, 635)09, 21(642), 24(743)12 Tianjin)

93025 5Ed. 10/11/97 LAST NM 8/13 9/13
Add Light Fl(2) 6s 15M 18° 18.1′ N 109° 08.9′ E

Submarine pipeline [L40.1] with legend "CAUTION NO 2" between 17° 33.3′ N 108° 35.5′ E
17° 36.8′ N 108° 24.6′ E

Submarine pipeline [L40.1] with legend "CAUTION NO 2" between 17° 33.3′ N 108° 35.5′ E
18° 25.0′ N 108° 45.1′ E

Platform (lighted) "Ledong 15-1" [L2] 17° 36.8′ N 108° 24.6′ E
Platform (lighted) "Ledong 22-1" [L2] 17° 33.3′ N 108° 35.5′ E

Platform (lighted) [L10] 17° 36.1′ N 108° 25.3′ E
Dangerous wreck [K28] 17° 21.8′ N 109° 17.5′ E
(29(1033)08, 19(628, 629), 28(979)11 Tianjin; 2(156)11 Taunton)

93025 5Ed. 10/11/97 LAST NM 9/13 10/13
Add Light Fl(3) 10M 18° 12.5′ N 109° 28.3′ E
Light Fl 18M 18° 11.1′ N 109° 41.8′ E
Depth 6 meters Obstn [K41] (PA) 18° 13.8′ N 108° 50.8′ E

Depth 8.6 meters (ED), blue tint and enclosing depth contour (20-meter) centered 18° 16.6′ N 108° 47.3′ E
Depth 18 meters, blue tint and enclosing depth contour (20-meter) centered 18° 09.0′ N 108° 57.3′ E

Danger circle "Obstn" [K40] (PA) 18° 14.1′ N 109° 18.2′ E
Dangerous wreck [K28] 18° 12.9′ N 109° 12.2′ E
Dangerous wreck [K28] 18° 08.8′ N 109° 20.0′ E
Depth 78 meters Wk [K26] 17° 38.6′ N 109° 04.5′ E

Purple dashed-line circle "Unexploded ordnance" [Kp] (PA) 17° 55.7′ N 109° 29.5′ E

Note from Subsection I-2 15° 50.0′ N 105° 32.0′ E
(NGA; 5(452)12 Taunton; UKHO ARCS 3488-0, 3991-0)

★**93030** 7Ed. 5/8/10 NEW EDITION 38/10
Add Depth 897 meters 15° 29.1′ N 113° 11.9′ E
(Previously published 34/10)

Add Light Fl 4s 20M 9° 33.3′ N 112° 54.1′ E
(Previously published 37/10)

Delete Depth 142 meters 15° 29.0′ N 113° 11.3′ E
(NGA; NTM0019/2010)

93030 7Ed. 5/8/10 LAST NM 38/10 14/11
Delete Dangerous submerged rock 9° 47.6′ N 116° 41.0′ E
(12(172)04 Manila)

93030 7Ed. 5/8/10 LAST NM 14/11 18/11
Delete Dangerous submerged rock "Ganges Reef" 9° 20.2′ N 114° 12.8′ E

Relocate Legend "Spratly Island" from 8° 39.2′ N 111° 28.6′ E to 8° 41.0′ N 111° 51.0′ E
Legend "Mischief Reef" from 9° 49.3′ N 115° 04.5′ E to 9° 56.5′ N 115° 24.5′ E

Change Legend to "Hopps Reef" 10° 15.0′ N 115° 27.0′ E
Legend to "Livock Reef" 10° 10.5′ N 115° 24.0′ E
(UKHO ARCS 3483-0)

93030 7Ed. 5/8/10 LAST NM 18/11 43/11
Add Depth 192 meters enclosed by depth contour (200-meter) centered 16° 01.1′ N 112° 10.9′ E
(NTM0016/2011)

★**93030** 7Ed. 5/8/10 LAST NM 43/11 9/12
Substitute Depth 289 meters for 338 meters 13° 38.7′ N 112° 20.3′ E

Add Depth 1379 meters 13° 31.4′ N 112° 19.2′ E
(NTM0004/2012)

93030 7Ed. 5/8/10 LAST NM 9/12 30/12
Delete Depth 73 meters (PA) and enclosing depth contour (100-meter) in vicinity 9° 09.7′ N 112° 45.8′ E

Substitute Depth 471 meters for 856 meters 9° 14.3′ N 112° 28.9′ E

Depth 940 meters enclosed by depth contour (1000-meter) for 1151 meters 9° 05.6′ N 112° 40.1′ E

Add Depth 1202 meters 9° 11.8′ N 112° 44.6′ E

Depth 620 meters 9° 21.3′ N 112° 20.2′ E
and delete depth 988 meters close N
(NTM0004/2012)

93030 7Ed. 5/8/10 LAST NM 30/12 31/12
Delete Dangerous submerged rock, blue tint and enclosing dotted-line contour in vicinity 10° 32.8′ N 115° 08.5′ E
Dangerous submerged rocks (2), blue tint and enclosing dotted-line contour in vicinity 9° 11.9′ N 116° 22.7′ E
Dangerous submerged rocks (2) in vicinity 8° 47.9′ N 115° 13.5′ E

(continued on next page)

93030 (Continued) 31/12

Dangerous submerged rock, blue tint and enclosing dotted-line contour in vicinity 9° 04.1′ N 115° 17.1′ E

Dangerous submerged rock 8° 28.5′ N 115° 55.5′ E
Depth 32 meters 9° 05.8′ N 107° 51.8′ E

Add Depth 15.2 meters "Rep (2010)", blue tint and enclosing dotted-line circle centered [I4] 9° 06.8′ N 107° 52.9′ E

Depth 1130 meters 9° 12.1′ N 116° 23.3′ E
(NTM0005/2012; 49(5894)10 Taunton)

93030 7Ed. 5/8/10 LAST NM 31/12 6/13
Delete Dotted-line area, blue tint and legend "Shinko Shoal Unsurveyed Area" in vicinity 10° 29.0′ N 116° 00.0′ E

Depth 54 meters and enclosing depth contour (100-meter) centered 10° 31.3′ N 109° 37.7′ E

Add Wreck [K29] 10° 34.4′ N 109° 30.6′ E
Depth 280 meters 10° 32.7′ N 109° 37.3′ E
(NTM0002/2013)

93030 7Ed. 5/8/10 LAST NM 6/13 21/13
Add Legend "CAUTION NO 2" 9° 01.0′ N 116° 00.0′ E
(NGA)

93030 7Ed. 5/8/10 LAST NM 21/13 46/13
Add Submarine cable [L30.1] joining 8° 16.0′ N 108° 49.8′ E
8° 35.4′ N 108° 58.7′ E
8° 45.3′ N 109° 04.2′ E
8° 48.9′ N 109° 06.0′ E
(5(78)10 Port Klang)

93030 7Ed. 5/8/10 LAST NM 46/13 50/13
Add Submarine cable [L30.1] joining 10° 21.0′ N 107° 06.0′ E
10° 15.9′ N 107° 15.3′ E
9° 25.4′ N 107° 44.8′ E
9° 17.7′ N 107° 45.5′ E
9° 17.9′ N 107° 51.7′ E
9° 19.3′ N 107° 54.3′ E
9° 19.0′ N 108° 35.5′ E
9° 17.6′ N 108° 43.8′ E
9° 14.0′ N 108° 48.6′ E
9° 11.7′ N 109° 04.1′ E
9° 10.9′ N 109° 08.6′ E
(5(78)10 Port Klang; UKHO ARCS 3482-0)

93030 7Ed. 5/8/10 LAST NM 50/13 4/14
Delete Depth 530 meters and enclosing depth contour (1000-meter) in vicinity 8° 46.5′ N 109° 54.2′ E
(NTM0001/2014)

★**93032** 4Ed. 5/17/08 NEW EDITION 33/08
(NGA)

93032 4Ed. 5/17/08 LAST NM 33/08 42/08
Add "Quarantine Anchorage No. 1" area bound by purple dashed-line circle, radius 1 mile, centered 19° 49.0′ N 108° 56.4′ E

Pilot station symbol [T1.1] 19° 49.0′ N 108° 56.4′ E
(3(45)08 Tianjin)

93032 4Ed. 5/17/08 LAST NM 42/08 9/11
Delete Submarine cable joining 19° 57.5′ N 109° 33.5′ E
20° 27.6′ N 109° 02.5′ E
21° 00.6′ N 109° 04.9′ E

Submarine cable joining 21° 03.4′ N 109° 05.1′ E
21° 28.3′ N 109° 01.9′ E
21° 30.2′ N 108° 50.0′ E
21° 30.2′ N 108° 36.3′ E
21° 40.8′ N 108° 35.0′ E

Add Purple composite line joining 19° 57.1′ N 109° 33.2′ E
20° 27.1′ N 109° 01.8′ E
21° 02.1′ N 109° 04.4′ E
21° 27.6′ N 109° 01.5′ E
21° 29.7′ N 108° 48.8′ E
21° 29.3′ N 108° 37.9′ E
21° 30.0′ N 108° 35.3′ E
21° 40.7′ N 108° 34.4′ E

Purple composite line joining 19° 57.8′ N 109° 34.1′ E
20° 27.5′ N 109° 03.0′ E
21° 00.7′ N 109° 05.5′ E

Purple composite line joining 21° 03.5′ N 109° 05.6′ E
21° 28.5′ N 109° 02.5′ E
21° 30.8′ N 108° 48.9′ E
21° 30.4′ N 108° 38.1′ E
21° 30.8′ N 108° 36.4′ E
21° 40.8′ N 108° 35.5′ E

Legend "ANCHORING AND FISHING PROHIBITED" between 20° 27.0′ N 109° 04.5′ E
20° 08.5′ N 109° 23.5′ E

Legend "ANCHORING AND FISHING PROHIBITED" between 21° 31.5′ N 108° 37.5′ E
21° 29.0′ N 109° 01.5′ E
(Cna CH 16570, 16770)

93032 4Ed. 5/17/08 LAST NM 9/11 30/12
Add Light QR 4M 20° 23.6′ N 109° 51.9′ E
(31(1145)09 Tianjin)

93032 4Ed. 5/17/08 LAST NM 30/12 8/13
Change Characteristic of light "Yingge Zui" to Fl 10s 18° 30.3′ N 108° 41.2′ E
(36(1338)11 Tianjin)

93032 4Ed. 5/17/08 LAST NM 8/13 9/13
Add Light Fl(2) 6s 15M 18° 18.1′ N 109° 08.9′ E

Submarine pipeline [L40.1] with legend "Gas (see note)" between 18° 15.1′ N 108° 43.2′ E
18° 29.4′ N 108° 45.9′ E

Light Fl(2) 6s 15M 19° 11.7′ N 108° 36.3′ E
Light Mo(C) Y 12s 8M 20° 08.9′ N 109° 29.3′ E
Light Mo(C) Y 12s 8M 19° 11.1′ N 108° 32.3′ E
(23(783)08, 19(628, 629), 28(979)11, 33(1222)12 Tianjin)

93032 4Ed. 5/17/08 LAST NM 9/13 12/13
Add Dangerous wreck [K28] (PA) 19° 40.1′ N 106° 11.5′ E
Dangerous wreck [K28] (PA) 19° 42.0′ N 106° 24.9′ E
(NTM0006/2013)

93032 4Ed. 5/17/08 LAST NM 12/13 18/13
Add Buoy "12-8W" BYB, pillar, double cone topmark bases together, Q(3) 10s [Q130.3] 20° 44.1′ N 108° 57.5′ E

Buoy "6-12" BY, pillar, double cone topmark points upward, Q [Q130.3] 20° 50.6′ N 108° 59.7′ E
(49(5429)12 Taunton)

93032 4Ed. 5/17/08 LAST NM 18/13 37/13
Add Dangerous wreck [K28] (PA) 21° 26.6′ N 108° 35.5′ E
(14(480)13 Tianjin)

93032 4Ed. 5/17/08 LAST NM 37/13 39/13
Add Dangerous wreck [K28] "Rep (2012)" (PA) 21° 23.3′ N 108° 07.8′ E
(21(774)13 Tianjin)

93032 4Ed. 5/17/08 LAST NM 39/13 40/13
Add Dangerous wreck [K28] (PA) 21° 02.2′ N 108° 28.8′ E
Dangerous wreck [K28] (PA) 20° 59.9′ N 108° 41.0′ E
(12(386, 387)13 Tianjin)

★**93036** 12Ed. 2/9/13 NEW EDITION N24/13
Add Stranded wreck [K24] 20° 46.0′ N 116° 52.0′ E
(Previously published 7/13)

Add Submarine pipeline [L40.1] with legend "Gas (see note)" between 17° 33.3′ N 108° 35.5′ E
17° 36.8′ N 108° 24.6′ E

Submarine pipeline [L40.1] with legend "Gas (see note)" between 17° 33.3′ N 108° 35.5′ E
18° 29.4′ N 108° 45.9′ E

Platform (lighted) [L10] 17° 36.1′ N 108° 25.3′ E
(Previously published 9/13)

(continued on next page)

93036 (Continued) 24/13
Substitute Dangerous wreck [K28] for depth 29 meters
18° 12.9′ N 109° 12.2′ E
(Previously published 10/13)

Add Dangerous wreck [K28] (PA) 19° 42.0′ N 106° 24.9′ E
(Previously published 12/13)
(NGA)

93036 12Ed. 2/9/13 LAST NM N24/13 N25/13
Add Note A from Subsection I-2 22° 31.0′ N 109° 05.0′ E
Note B from Subsection I-2 22° 22.0′ N 109° 05.0′ E
(NGA)

93036 12Ed. 2/9/13 LAST NM N25/13 N28/13
Substitute Depth 28.5 meters Obstn [K41] for
16.1 meters Wk 22° 08.4′ N 114° 20.1′ E
(7(21), 8(24)13 Hong Kong)

93036 12Ed. 2/9/13 LAST NM N28/13 N33/13
Add Dangerous wreck [K28] "Rep (2013)" (PA)
22° 33.0′ N 116° 14.0′ E
(23(859)13 Tianjin)

93036 12Ed. 2/9/13 LAST NM N33/13 N36/13
Add Dangerous wreck [K28] "Rep (2013)"
22° 40.7′ N 115° 47.0′ E
(26(960)13 Tianjin)

93036 12Ed. 2/9/13 LAST NM N36/13 N37/13
Add Dangerous wreck [K28] (PA) 21° 26.6′ N 108° 35.5′ E
(14(480)13 Tianjin)

93036 12Ed. 2/9/13 LAST NM N37/13 N39/13
Add Dangerous wreck [K28] "Rep (2012)" (PA)
21° 23.3′ N 108° 07.8′ E
(21(774)13 Tianjin)

93036 12Ed. 2/9/13 LAST NM N39/13 N40/13
Add Dangerous wreck [K28] (PA) 21° 02.2′ N 108° 28.8′ E
Dangerous wreck [K28] (PA) 20° 59.9′ N 108° 41.0′ E
(12(386, 387)13 Tianjin)

93036 12Ed. 2/9/13 LAST NM N40/13 N46/13
Add Submarine cable [L30.1] joining 20° 01.0′ N 113° 52.6′ E
20° 40.3′ N 114° 20.7′ E
21° 20.0′ N 114° 18.7′ E
21° 30.8′ N 114° 30.8′ E
21° 50.4′ N 114° 41.2′ E
22° 09.7′ N 114° 32.8′ E
22° 06.2′ N 114° 15.4′ E
22° 07.9′ N 113° 58.6′ E
22° 13.5′ N 113° 55.9′ E
(5(78)10 Port Klang)

93036 12Ed. 2/9/13 LAST NM N46/13 N51/13
Add Submarine cable [L30.1] joining 22° 10.5′ N 114° 32.8′ E
21° 45.7′ N 115° 25.8′ E
21° 10.7′ N 115° 46.8′ E
21° 06.6′ N 115° 48.5′ E
(5(78)10 Port Klang)

93036 12Ed. 2/9/13 LAST NM N51/13 N4/14
Substitute Depth 8.6 meters Wk [K26] for 27.5 meters
22° 14.5′ N 114° 27.2′ E
(26(62)13 Hong Kong)

★93042 2Ed. 3/16/85 NEW EDITION 22/85
Delete Note "Corrected from Notice to
Mariners through NM51, 1977"
11° 28′ 40″N 114° 16′ 37″E
(DMAHTC)

93042 2Ed. 3/16/85 LAST NM 22/85 13/96
(Plan A)
Delete Light 11° 27.3′ N 114° 21.1′ E

Add Light
Fl(2) 6s 36m 15M (PA) 11° 25′ 57″N 114° 19′ 53″E
Fl(2) R 10s 7m 5M 11° 27′ 28″N 114° 21′ 16″E
(SMEA005/96)

93042 2Ed. 3/16/85 LAST NM 13/96 53/11
(Plan A)
Change Light to Fl 15s 36m 21M 11° 25′ 57″N 114° 19′ 53″E
(10(222)11 Manila)

★93043 1Ed. 10/1/50 NEW CHART 45/50
(USHO)

93043 1Ed. 10/1/50 LAST NM 45/50 7/87
Add Note in lower left margin of chart

"Users should refer corrections,
additions, and comments for
improving this product to:
DIRECTOR, DEFENSE MAPPING
AGENCY HYDROGRAPHIC/
TOPOGRAPHIC CENTER, ATTN:
PR, Washington, D.C. 20315-0030."
(MCNM7880/87)

93043 1Ed. 10/1/50 LAST NM 7/87 49/95
Change Note to
"CAUTION
Mariners should navigate on Tizard Bank
with extreme caution. Latest information
indicates that depths of up to about
4 meters shoaler than charted depths
can be expected over coral shoals.
Considerable changes in shape of the
drying reefs can also be expected."
10° 29′ 18″N 114° 26′ 30″E

Add Stranded wreck (PA) 10° 23′ 03″N 114° 21′ 00″E
(40(3315)95 Taunton)

93043 1Ed. 10/1/50 LAST NM 49/95 45/02
Add Depth 174 meters enclosed by depth contour
(200-meter) 10° 14.00′ N 114° 37.00′ E
(36(3833)02 Taunton)

93043 1Ed. 10/1/50 LAST NM 45/02 19/07
Add Wreck [K29] 10° 22.60′ N 114° 26.10′ E
(12(302)07 Tianjin)

93043 1Ed. 10/1/50 LAST NM 19/07 52/13
Add Superbuoy ODAS [Q58] 10° 23′ 30″N 114° 19′ 19″E
(129/13 Tso-ying)

93043 1Ed. 10/1/50 LAST NM 52/13 8/14
Delete Superbuoy ODAS 10° 23′ 30″N 114° 19′ 19″E
(See 52/13-93043)

Add Buoy ODAS [Q58] OrW, conical, Fl G 2s
10° 23′ 30″N 114° 21′ 00″E
(187/2013 Tso-ying)

★93044 2Ed. 5/26/84 NEW EDITION 34/84
(DMAHTC)

93044 2Ed. 5/26/84 LAST NM 34/84 38/85
Add Stranded wreck (PA) 10° 02.0′ N 113° 51.6′ E
(HNNM7558/85)

93044 2Ed. 5/26/84 LAST NM 38/85 26/89
Add Stranded wreck 10° 41.5′ N 114° 18.8′ E
(4(6)89 Manila)

93044 2Ed. 5/26/84 LAST NM 26/89 14/93
Add Danger circle "Discol water (1992)" 9° 32.5′ N 114° 02.0′ E
(39(2867)92 Taunton)

93044 2Ed. 5/26/84 LAST NM 14/93 47/95
Delete Dashed line and legend "DANGEROUS AND
UNSURVEYED GROUND" between 9° 30′ N 112° 58′ E
11° 23′ N 115° 05′ E

Add Purple dashed line with legend
"DANGEROUS GROUND SEE CAUTION"
between 9° 30.0′ N 112° 18.5′ E
11° 35.0′ N 114° 24.5′ E
(BA CH 2660B)

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93044 2Ed. 5/26/84 LAST NM 47/95 13/96
Add Light
Fl(2) 6s 36m 15M (PA) 11° 25′ 45″N 114° 19′ 53″E
Fl 5s 11° 03′ 09″N 114° 16′ 45″E
(SMEA005/96)

93044 2Ed. 5/26/84 LAST NM 13/96 2/01
Add Light float [Q30] "HQ301" Fl(3) Or 12s 2M
9° 41′ 08″N 114° 53′ 27″E
(22(266)99 Tianjin)

93044 2Ed. 5/26/84 LAST NM 2/01 19/07
Add Wreck [K28] 10° 22′ 36″N 114° 26′ 06″E
(12(302)07 Tianjin)

93044 2Ed. 5/26/84 LAST NM 19/07 37/10
Add Light Fl 4s 29m 20M 9° 33′ 18″N 112° 54′ 09″E
(23(1110)10 Tianjin)

93044 2Ed. 5/26/84 LAST NM 37/10 53/11
Change Light to Fl 15s 36m 21M 11° 25′ 45″N 114° 19′ 53″E
(10(222)11 Manila)

★**93044** 2Ed. 5/26/84 LAST NM 53/11 31/12
Delete Dangerous submerged rock, blue tint and enclosing dotted-line contour in vicinity
10° 19′ 28″N 115° 04′ 30″E

Add Depth 421 meters 9° 54′ 24″N 115° 04′ 49″E
(NTM0005/2012)

93044 2Ed. 5/26/84 LAST NM 31/12 52/13
Add Superbuoy ODAS [Q58] 10° 23.5′ N 114° 19.3′ E
(129/13 Tso-ying)

93044 2Ed. 5/26/84 LAST NM 52/13 8/14
Delete Superbuoy ODAS 10° 23.5′ N 114° 19.3′ E
(See 52/13-93044)

Add Buoy ODAS [Q58] OrW, conical, Fl G 2s
10° 23.5′ N 114° 21.0′ E
(187/2013 Tso-ying)

★**93045** 2Ed. 6/9/84 NEW EDITION 34/84
(DMAHTC)

93045 2Ed. 6/9/84 LAST NM 34/84 45/95
Add Depth
20 meters 11° 59.8′ N 117° 07.3′ E
22 meters 11° 36.7′ N 116° 40.2′ E
53 meters 11° 36.5′ N 116° 33.0′ E
(38(3128)95 Taunton)

93045 2Ed. 6/9/84 LAST NM 45/95 47/95
Delete Dashed line and legend "DANGEROUS AND UNSURVEYED GROUND" between 11° 19′ N 114° 55′ E
10° 00′ N 117° 15′ E

Add Purple dashed line with legend "DANGEROUS GROUND CAUTION NO 1"
between 12° 00.0′ N 114° 55.0′ E
12° 00.0′ N 115° 01.0′ E

joining 12° 00.0′ N 115° 16.0′ E
12° 00.0′ N 117° 50.0′ E
10° 25.0′ N 117° 50.0′ E
10° 00.0′ N 117° 28.4′ E
(BA CH 2660B)

93045 2Ed. 6/9/84 LAST NM 47/95 17/00
Add Stranded wreck [K24] (PA) 10° 17.1′ N 116° 33.2′ E
(NTM0006/2000)

93045 2Ed. 6/9/84 LAST NM 17/00 13/10
Add Depth 45 meters enclosed by dotted-line circle
10° 12.8′ N 117° 25.8′ E
(2(75)10 Tianjin)

93045 2Ed. 6/9/84 LAST NM 13/10 38/10
Delete Depth 6.5 meters, blue tint, enclosing dotted-line circle and legend "Carnadic Shoal" in vicinity 10° 06.5′ N 117° 21.0′ E

Dotted-line area, blue tint and legend "Hung-shih An-T'an (Lord Auckland Shoal)" in vicinity 10° 20.0′ N 117° 17.7′ E

Depth 9 meters, blue tint and enclosing depth contour (10-meter) centered 10° 38.9′ N 117° 24.1′ E

Depth 16.5 meters and legend "Hsien-hou An-sha (Fairie Queen)" in vicinity 10° 38.0′ N 117° 38.3′ E

Dotted-line circle and blue tint centered
10° 44.8′ N 117° 15.6′ E

Dangerous submerged rock, blue tint, enclosing dotted-line circle and legend "Sandy Shoal" in vicinity 11° 02.0′ N 117° 38.0′ E

Dangerous submerged rock, blue tint, enclosing dotted-line circle and legend "Yang-ming chiao (Pennsylvania North Reef)" in vicinity
10° 48.3′ N 116° 50.7′ E

Dotted-line circle and blue tint centered
10° 50.1′ N 116° 52.3′ E
Dotted-line circle and blue tint centered
10° 50.2′ N 116° 53.1′ E

Depth 15 meters 10° 20.3′ N 117° 16.4′ E
Depth 55 meters 10° 19.9′ N 117° 19.0′ E

Depth 45 meters and enclosing dotted-line circle centered 10° 12.8′ N 117° 25.8′ E
(Supersedes 13/10-93045)
(NTM0001/2010)

93045 2Ed. 6/9/84 LAST NM 38/10 6/12
Delete Depth 951 meters 10° 36′ 55″N 116° 34′ 53″E

Add Depth 695 meters 10° 36′ 40″N 116° 34′ 53″E
(NTM0005/2012)

93045 2Ed. 6/9/84 LAST NM 6/12 13/12
Add Depth 604 meters 12° 02′ 37″N 116° 28′ 31″E
(UKHO ARCS 3489-0)

93045 2Ed. 6/9/84 LAST NM 13/12 30/12
Add Depth 85 meters 11° 21′ 30″N 117° 10′ 54″E
(30(1045)11 Tianjin)

★**93045** 2Ed. 6/9/84 LAST NM 30/12 31/12
Delete Dangerous submerged rock, blue tint and enclosing dotted-line contour in vicinity
10° 19′ 29″N 115° 04′ 24″E
Dangerous submerged rock, blue tint and enclosing dotted-line contour in vicinity
10° 32′ 50″N 115° 08′ 50″E

Blue tint and enclosing dotted-line contour in vicinity 11° 42′ 15″N 117° 33′ 45″E
Blue tint and enclosing dotted-line contour in vicinity 11° 48′ 00″N 117° 49′ 45″E
(NTM0005/2012)

★**93045** 2Ed. 6/9/84 LAST NM 31/12 6/13
Delete Dotted-line area, blue tint and legend "Mei-chi chiao (Shinko Shoal)" in vicinity
10° 29′ 00″N 116° 00′ 00″E
(NTM0002/2013)

★**93046** 1Ed. 6/5/82 NEW CHART 38/82
(DMAHTC)

93046 1Ed. 6/5/82 LAST NM 38/82 11/83
Delete Purple outline of chart 92540 and 92550 vicinity 8° 25.3′ N 117° 17.0′ E
(Phil CH 4324)

93046 1Ed. 6/5/82 LAST NM 11/83 19/86
Add Depth 23.5 meters "Rep (1965)" 8° 13.0′ N 116° 36.1′ E
(BA CH 967)

93046 1Ed. 6/5/82 LAST NM 19/86 20/91
Change Visibility (range) of light to 15M 8° 46.2′ N 117° 50.2′ E
(6(438)91 Taunton)

93046 1Ed. 6/5/82 LAST NM 20/91 24/95
Delete Depth 1031 meters 8° 59.8′ N 115° 28.2′ E

Add Depth 301 meters 9° 00.0′ N 115° 28.2′ E
(15(1278)95 Taunton)

93046 1Ed. 6/5/82 LAST NM 24/95 47/95
Delete Dashed line and legend "DANGEROUS AND UNSURVEYED GROUND" between 10° 02′ N 117° 17′ E
8° 10′ N 115° 56′ E

Add Purple dashed line with legend "DANGEROUS GROUND SEE CAUTION" between 10° 02.0′ N 117° 31.0′ E
8° 10.0′ N 115° 57.5′ E

Caution note in right upper margin of chart
"CAUTION
The area NW of Palawan Passage is known to abound with dangers. No systematic surveys have been carried out and the existence of uncharted coral and shoals is likely; positions of charted banks and shoals cannot be relied upon."
(BA CH 2660B)

★**93046** 1Ed. 6/5/82 LAST NM 47/95 1/96
Delete Legend "CONTINUED ON 92035" 8° 10.3′ N 116° 38.0′ E
8° 13.0′ N 117° 50.7′ E
(DMA)

93046 1Ed. 6/5/82 LAST NM 1/96 22/97
Substitute Light Fl(2) 10s for position circle "POLE FR Lt" 9° 02.8′ N 117° 38.8′ E
(BA LL)

93046 1Ed. 6/5/82 LAST NM 22/97 1/98
Add Depth
10.9 meters 8° 45.4′ N 117° 06.0′ E
9.1 meters 8° 45.0′ N 117° 05.7′ E
(6(49)97 Manila)

★**93046** 1Ed. 6/5/82 LAST NM 1/98 46/98
Add Chartlet, depicting changes in hydrography, from Subsection I-2 9° 53.0′ N 115° 30.0′ E
(GIMM058/98)

93046 1Ed. 6/5/82 LAST NM 46/98 9/02
Add Depth 15.2 meters enclosed by depth contour (20-meter) 8° 26′ 24″N 116° 55′ 38″E
(29(2703)99 Taunton)

93046 1Ed. 6/5/82 LAST NM 9/02 45/02
Delete Dangerous submerged rock and legend "K'ung-ming Chiao" 9° 51′ 00″N 116° 35′ 00″E

Dangerous submerged rock 9° 47′ 55″N 116° 41′ 00″E

Rock awash and legend "Chung Chiao" 9° 46′ 00″N 116° 43′ 50″E
(36(3833)02 Taunton)

93046 1Ed. 6/5/82 LAST NM 45/02 5/03
Add Depth 5.5 meters, blue tint and enclosing depth contour (10-meter) 8° 25′ 42″N 116° 58′ 00″E
Depth 66 meters enclosed by depth contour (200-meter) 8° 29′ 24″N 116° 49′ 42″E
(49(4563)99 Taunton)

93046 1Ed. 6/5/82 LAST NM 5/03 42/04
Delete Islets (2), dotted-line circle, blue tint and legend "Glasgow Reef" centered 8° 20′ 30″N 115° 24′ 30″E
(51(5012)00 Taunton)

93046 1Ed. 6/5/82 LAST NM 42/04 14/11
Change Characteristic of light to Fl 5s 8° 46′ 12″N 117° 50′ 12″E
(4(62)06 Manila)

★**93046** 1Ed. 6/5/82 LAST NM 14/11 31/12
Delete Dangerous submerged rocks (2), blue tint and enclosing dotted-line contour in vicinity 9° 11′ 54″N 116° 22′ 42″E
Note: Legend "Hai-kou An-sha (Investigator NE Shoal)" remains

Dangerous submerged rocks, blue tint areas, enclosing dotted-line contour (2) and legends "PA" and "ED" in vicinity 8° 47′ 54″N 115° 13′ 30″E

Dangerous submerged rock, blue tint and enclosing dotted-line contour in vicinity 9° 04′ 06″N 115° 17′ 06″E

Dangerous submerged rock, blue tint, enclosing dotted-line contour and legend "Chin-hsiang Chiao (Director)" in vicinity 8° 28′ 30″N 115° 55′ 30″E

Add Depth 1130 meters 9° 12′ 05″N 116° 23′ 17″E
Depth 421 meters 9° 54′ 24″N 115° 04′ 49″E
(NTM0005/2012)

93046 1Ed. 6/5/82 LAST NM 31/12 27/13
Add Chartlet, depicting changes in hydrography and topography, from Subsection I-2 8° 53′ 00″N 116° 15′ 00″E
(NTM0004/2013)

★**93047** 2Ed. 4/14/84 NEW EDITION 27/84
(DMAHTC)

93047 2Ed. 4/14/84 LAST NM 27/84 33/84
Delete Depth 6.4 meters, submerged rocks (4), limiting danger line and legend "Aoyuan Ansha (Ao-yuan An-sha)" in vicinity 8° 08.0′ N 111° 58.6′ E
(NVS7290/84)

93047 2Ed. 4/14/84 LAST NM 33/84 14/93
Add Danger circle "Discol water (1992)" 9° 32.5′ N 114° 02.0′ E
(39(2867)92 Taunton)

93047 2Ed. 4/14/84 LAST NM 14/93 45/95
Add Depth
6 meters 7° 54.6′ N 114° 23.7′ E
6 meters 7° 52.5′ N 114° 28.8′ E
(38(3128)95 Taunton)

93047 2Ed. 4/14/84 LAST NM 45/95 47/95
Delete Dashed line and legend "DANGEROUS AND UNSURVEYED GROUND"
between 7° 38.8′ N 115° 05.0′ E
7° 47.8′ N 114° 23.5′ E

between 7° 35.4′ N 113° 55.0′ E
9° 40.0′ N 113° 09.0′ E

Add Purple dashed line with legend "DANGEROUS GROUND SEE CAUTION"
between 7° 30.0′ N 115° 05.0′ E
7° 30.0′ N 112° 12.7′ E

between 7° 30.0′ N 112° 03.6′ E
7° 30.0′ N 111° 55.0′ E
(BA CH 2660B)

93047 2Ed. 4/14/84 LAST NM 47/95 15/96
Add Light Fl(3) 16M 8° 50.7′ N 112° 11.7′ E
(49(46)95 Brest)

93047 2Ed. 4/14/84 LAST NM 15/96 28/97
Add Light Fl(2) 10s 22m 16M Racon (PA)
7° 53.4′ N 112° 55.1′ E
(GIMM047/96; 12(1065)97 Taunton)

93047 2Ed. 4/14/84 LAST NM 28/97 4/99
Add Depth 485 meters 8° 40.9′ N 112° 25.9′ E
(12(1032)98 Taunton)

93047 2Ed. 4/14/84 LAST NM 4/99 31/01
Add Stranded wreck [K24] 7° 36′ 30″N 113° 45′ 36″E
(5(107)01 Kuala Lumpur)

93047 2Ed. 4/14/84 LAST NM 31/01 45/02
Add Depth 2 meters, blue tint and enclosing dotted-line circle 7° 46′ 00″N 114° 16′ 00″E
(36(3833)02 Taunton)

93047 2Ed. 4/14/84 LAST NM 45/02 49/02
Add Depth 80 meters (no bottom found) [I13]
7° 35′ 50″N 114° 40′ 10″E
(RMN CH 781)

93047 2Ed. 4/14/84 LAST NM 49/02 24/03
Add Chartlet A, depicting changes in hydrography and aids to navigation, from Subsection I-2
8° 06′ 00″N 114° 40′ 00″E
Chartlet B, depicting changes in hydrography and aids to navigation, from Subsection I-2
7° 50′ 00″N 114° 30′ 00″E
Chartlet C, depicting changes in hydrography and aids to navigation, from Subsection I-2
7° 50′ 00″N 114° 20′ 00″E
Chartlet D, depicting changes in hydrography and aids to navigation, from Subsection I-2
7° 40′ 00″N 114° 00′ 00″E
(RMN CH 781)

93047 2Ed. 4/14/84 LAST NM 24/03 42/04
Delete Dangerous submerged rock and legends "Rep (1940) ED" and "Chin-wu Chiao" in vicinity 7° 58′ 00″N 114° 51′ 30″E

Dangerous rock and legend "ED"
7° 50′ 54″N 114° 15′ 00″E
(See 24/03-93047)
(51(5012)00 Taunton)

93047 2Ed. 4/14/84 LAST NM 42/04 35/07
Delete Buoy 7° 40′ 15″N 114° 20′ 45″E
(See 24/03-93047)
(5(75)07 Kuala Lumpur)

93047 2Ed. 4/14/84 LAST NM 35/07 37/10
Add Light Fl 4s 29m 20M 9° 33′ 18″N 112° 54′ 09″E
(23(1110)10 Tianjin)

93047 2Ed. 4/14/84 LAST NM 37/10 18/11
Delete Dangerous submerged rock "Fu-po Chiao Rep (1940)" (ED) 9° 20′ 15″N 114° 11′ 12″E
(UKHO ARCS 3483-0)

93047 2Ed. 4/14/84 LAST NM 18/11 53/11
Change Light to Fl(3) 10s 22m 15M 8° 50′ 43″N 112° 11′ 42″E
(10(224)11 Manila)

★**93047** 2Ed. 4/14/84 LAST NM 53/11 30/12
Delete Depth 73 meters 9° 09′ 43″N 112° 45′ 45″E

Add Depth 1202 meters 9° 11′ 49″N 112° 44′ 33″E
Depth 620 meters 9° 21′ 18″N 112° 20′ 09″E
Depth 471 meters 9° 14′ 16″N 112° 28′ 55″E
Depth 940 meters 9° 05′ 34″N 112° 40′ 04″E
(NTM0004/2012)

★**93048** 1Ed. 11/20/82 NEW CHART 4/83
Delete R Bns (AERO) 5° 55.0′ N 116° 03.3′ E
5° 55.1′ N 116° 02.8′ E
(DMAHTC; US RA)

93048 1Ed. 11/20/82 LAST NM 4/83 19/86
Add Depths
128 meters 7° 36.7′ N 116° 36.5′ E
23.5 meters "Rep (1965)" 8° 13.0′ N 116° 36.1′ E
36 meters "Rep (1962)" 7° 13.2′ N 116° 22.3′ E
36 meters "Rep (1968)" 7° 14.9′ N 116° 26.8′ E
(BA CH 967)

93048 1Ed. 11/20/82 LAST NM 19/86 2/91
Add Platforms
"SJK-A" with light flare symbol 6° 38.2′ N 116° 08.7′ E
"SJJT-B" with light flare symbol 6° 37.6′ N 116° 07.6′ E
"SJJT-G" 6° 38.0′ N 116° 08.1′ E
(6(495), 26(1966)89, 36(2570)90 Taunton)

93048 1Ed. 11/20/82 LAST NM 2/91 6/91
Add Platform "BTJT-A" with light flare symbol 6° 50.0′ N 116° 20.2′ E

Submarine pipeline between 6° 46.6′ N 116° 13.6′ E
6° 50.0′ N 116° 20.2′ E
(44(3172)90 Taunton)

93048 1Ed. 11/20/82 LAST NM 6/91 50/91
Add Submarine cable joining 5° 57.1′ N 116° 02.5′ E
5° 54.8′ N 116° 00.5′ E
5° 55.6′ N 115° 29.9′ E
5° 55.4′ N 115° 28.6′ E
5° 55.6′ N 115° 28.2′ E
5° 55.5′ N 115° 26.9′ E
5° 55.1′ N 114° 51.1′ E
(28(2036)91 Taunton)

★**93048** 1Ed. 11/20/82 LAST NM 50/91 19/92
Delete Purple outline of charts
71321 7° 06.5′ N 115° 31.5′ E
71323 6° 19.5′ N 114° 55.5′ E

Add Submarine cable joining 5° 55.1′ N 114° 51.1′ E
5° 55.1′ N 114° 42.0′ E
5° 55.1′ N 114° 41.0′ E
5° 55.1′ N 114° 30.0′ E
(See 50/91-93048)

Legends "ANCHORING PROHIBITED"
5° 55.2′ N 114° 38.3′ E
5° 55.5′ N 115° 43.0′ E
(DMAHTC; 42(282)91 Jakarta)

93048 1Ed. 11/20/82 LAST NM 19/92 40/92
Add Depth 50 meters Wk (unsurveyed) 6° 46.4′ N 115° 56.6′ E
(BA CH 3728)

93048 1Ed. 11/20/82 LAST NM 40/92 13/93
Delete Buoy 5° 12.7′ N 115° 04.6′ E

Add Buoy R, can, can topmark, QR 6° 52.4′ N 116° 35.9′ E
(37(2748)92, 3(228)93 Taunton)

93048 1Ed. 11/20/82 LAST NM 13/93 14/93
Add Submarine cables
joining 5° 57.1′ N 116° 02.6′ E
5° 55.8′ N 116° 00.8′ E
5° 55.8′ N 115° 57.7′ E
6° 00.0′ N 115° 34.7′ E
6° 00.0′ N 115° 27.8′ E
6° 02.3′ N 115° 22.8′ E
6° 03.5′ N 115° 16.7′ E
6° 11.1′ N 115° 13.5′ E
6° 11.8′ N 115° 12.6′ E
6° 12.3′ N 115° 05.5′ E
6° 16.3′ N 115° 01.6′ E

joining 5° 28.1′ N 114° 30.0′ E
5° 19.9′ N 114° 39.0′ E
5° 16.0′ N 114° 48.2′ E
5° 10.0′ N 114° 49.8′ E

joining 5° 36.6′ N 114° 30.0′ E
5° 16.7′ N 114° 49.7′ E
5° 10.0′ N 114° 50.9′ E
(38(2808, 2809)92 Taunton)

93048 1Ed. 11/20/82 LAST NM 14/93 10/94
Delete Buoy (mooring) 6° 38.0′ N 115° 46.8′ E
(4(348)94 Taunton)

93048 1Ed. 11/20/82 LAST NM 10/94 24/94
Add Buoy (waverider) Y 5° 29.6′ N 114° 44.9′ E
(3(47)94 Kuala Lumpur)

93048 1Ed. 11/20/82 LAST NM 24/94 30/94
Delete Light
"1" 5° 18.0′ N 115° 17.2′ E
(undesignated) 5° 16.3′ N 115° 15.9′ E

Depth 28 meters 6° 10.8′ N 114° 57.7′ E

Substitute Depth 22 meters Wk (PA) for dangerous wreck (PA) and delete buoy close W 5° 17.4′ N 115° 00.3′ E

Light Fl R for beacon 5° 14.0′ N 115° 14.0′ E

Change Light to
Fl G 10s 8m 7M 5° 42.0′ N 115° 40.2′ E
VQ(3) 5° 15.1′ N 115° 15.3′ E

(continued on next page)

93048 (Continued) 30/94
Add Platform with light flare symbol 6° 06.1′ N 115° 36.3′ E
6° 20.8′ N 115° 40.8′ E

Position circle with light flare symbol
and legend "Flare" 6° 06.1′ N 115° 36.5′ E
6° 20.8′ N 115° 39.6′ E

Submarine pipeline between 6° 21.6′ N 115° 39.2′ E
6° 37.1′ N 115° 46.9′ E

Depth 2.3 meters "Obstn" 5° 33.8′ N 114° 51.2′ E

"ANCH AREA" bound by dashed-line
circle, radius 1 mile, centered 5° 15.0′ N 115° 04.1′ E

Pilot station symbol 5° 15.0′ N 115° 05.1′ E

"ANCH PROHIB" area bound by
shore and purple composite line
between 5° 22.0′ N 115° 14.8′ E
5° 22.6′ N 115° 22.2′ E

between 5° 21.0′ N 115° 15.0′ E
5° 21.7′ N 115° 22.2′ E
(RMN CH 864; BA LL)

93048 1Ed. 11/20/82 LAST NM 30/94 1/95
Add Buoy (waverider) Y, spherical 6° 36.6′ N 115° 34.3′ E
Danger circle "Meas Equip" 6° 26.0′ N 115° 22.8′ E
(10(145)94 Kuala Lumpur)

93048 1Ed. 11/20/82 LAST NM 1/95 6/95
Add Beacon
R, can topmark,
Fl R 3s 5M 5° 35.0′ N 115° 37.7′ E
G, cone topmark,
Fl G 5s 5M 5° 45.0′ N 115° 53.9′ E
G, cone topmark,
Fl G 5s 5M 5° 57.6′ N 116° 01.5′ E
(11(152)94 Kuala Lumpur)

93048 1Ed. 11/20/82 LAST NM 6/95 14/95
Add Submarine pipeline
joining 5° 16.1′ N 115° 09.9′ E
5° 16.5′ N 115° 09.1′ E
5° 18.5′ N 115° 08.3′ E

joining 5° 37.3′ N 114° 53.8′ E
5° 37.7′ N 114° 54.6′ E
5° 36.9′ N 114° 55.5′ E
5° 34.3′ N 114° 57.4′ E
5° 33.4′ N 114° 57.8′ E

joining 6° 17.8′ N 115° 37.9′ E
6° 20.0′ N 115° 40.5′ E
6° 20.8′ N 115° 39.9′ E
(10(106)93 Kuala Lumpur)

93048 1Ed. 11/20/82 LAST NM 14/95 40/95
Add Depth 19 meters Wk 5° 11.8′ N 114° 37.0′ E
(33(2758)95 Taunton)

93048 1Ed. 11/20/82 LAST NM 40/95 45/95
Add Depth 30 meters Wk (unsurveyed) 5° 21.9′ N 114° 38.8′ E
(38(3144)95 Taunton)

93048 1Ed. 11/20/82 LAST NM 45/95 47/95
Delete Dashed line and legend "DANGEROUS AND
UNSURVEYED GROUND" between 8° 20′ N 116° 02′ E
7° 43′ N 114° 30′ E

Add Purple dashed line with legend
"DANGEROUS GROUND SEE CAUTION"
joining 8° 20.0′ N 116° 07.5′ E
7° 30.0′ N 115° 25.0′ E
7° 30.0′ N 114° 30.0′ E

Caution No 4 to CAUTIONS note
"4. The area NW of Palawan Passage
is known to abound with dangers.
No systematic surveys have been
carried out and the existence of
uncharted patches of coral and
shoals is likely; positions of
charted banks and shoals are not
reliable." 5° 16.3′ N 116° 17.0′ E
(BA CH 2660B)

93048 1Ed. 11/20/82 LAST NM 47/95 23/96
Add Beacon R, can topmark, Fl R 3s 7m 6M
5° 52.8′ N 115° 42.2′ E
(16(1367)96 Taunton)

93048 1Ed. 11/20/82 LAST NM 23/96 32/96
Add Submarine pipeline joining 6° 08.1′ N 116° 08.4′ E
6° 09.3′ N 116° 07.7′ E
6° 09.8′ N 116° 07.0′ E
6° 15.9′ N 115° 47.5′ E
6° 16.6′ N 115° 46.5′ E
6° 21.2′ N 115° 43.3′ E
6° 21.4′ N 115° 42.3′ E
6° 20.8′ N 115° 41.3′ E
6° 20.7′ N 115° 40.7′ E
6° 20.8′ N 115° 39.3′ E
(25(2082)96 Taunton)

93048 1Ed. 11/20/82 LAST NM 32/96 52/96
Add Depth
18 meters 6° 48.6′ N 116° 07.9′ E
130 meters 6° 56.3′ N 115° 55.1′ E
68 meters 6° 08.9′ N 115° 07.4′ E
(43(3566, 3567)96 Taunton)

93048 1Ed. 11/20/82 LAST NM 52/96 8/97
Change Beacon to R, can topmark, Fl R 5s 7m 8M
5° 52.8′ N 115° 42.2′ E
(See 23/96-93048)
(BA LL)

93048 1Ed. 11/20/82 LAST NM 8/97 4/98
Add Submarine cable joining 5° 58.1′ N 114° 30.0′ E
5° 58.0′ N 115° 29.6′ E
5° 56.9′ N 115° 32.8′ E
5° 56.9′ N 115° 39.6′ E
5° 55.3′ N 116° 00.6′ E
5° 57.0′ N 116° 02.7′ E
(33(2968)97 Taunton)

93048 1Ed. 11/20/82 LAST NM 4/98 7/98
Add Submarine cable joining 5° 51.8′ N 114° 30.0′ E
5° 43.3′ N 114° 38.3′ E
5° 41.7′ N 114° 53.1′ E
5° 40.3′ N 114° 54.7′ E
5° 40.3′ N 114° 56.0′ E
5° 37.7′ N 114° 59.4′ E
5° 36.1′ N 114° 59.4′ E
5° 35.5′ N 115° 00.1′ E
5° 31.6′ N 115° 02.6′ E
5° 31.2′ N 115° 03.2′ E
5° 23.2′ N 115° 08.6′ E
5° 22.5′ N 115° 09.6′ E
5° 20.5′ N 115° 10.8′ E
5° 20.0′ N 115° 11.6′ E
(36(3259)97 Taunton)

93048 1Ed. 11/20/82 LAST NM 7/98 9/98
Add Submarine cable joining 5° 20.4′ N 115° 11.0′ E
5° 23.6′ N 115° 10.3′ E
5° 25.0′ N 115° 11.7′ E
5° 25.1′ N 115° 12.4′ E
5° 25.9′ N 115° 13.3′ E
5° 27.9′ N 115° 14.2′ E
5° 29.7′ N 115° 19.2′ E
5° 32.5′ N 115° 23.1′ E
5° 44.1′ N 115° 33.9′ E
5° 46.7′ N 115° 34.9′ E
5° 53.4′ N 115° 41.0′ E
5° 54.9′ N 115° 42.7′ E
5° 54.9′ N 115° 43.8′ E
5° 54.3′ N 115° 44.3′ E
5° 54.1′ N 116° 00.5′ E
5° 54.2′ N 116° 00.8′ E
5° 57.1′ N 116° 02.6′ E
(See 7/98-93048)
(37(3320)97 Taunton)

93048 1Ed. 11/20/82 LAST NM 9/98 15/98
Add Platform "KNDP-A" with
light flare symbol 5° 25.6′ N 114° 42.8′ E

Legend "Less water reported (1997)"
between 5° 34.1′ N 114° 51.9′ E
5° 34.1′ N 114° 54.6′ E
(41(3673), 44(3960)97 Taunton)

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93048 1Ed. 11/20/82 LAST NM 15/98 50/98
Delete Light 5° 34.5′ N 115° 23.8′ E
(12(186)97 Kuala Lumpur)

93048 1Ed. 11/20/82 LAST NM 50/98 21/99
Add Buoy Y, spherical, "X" topmark,
Fl 5s 5° 11.0′ N 115° 10.2′ E
(6(135)98 Kuala Lumpur)

93048 1Ed. 11/20/82 LAST NM 21/99 28/01
Delete Light 5° 42′ 00″N 115° 40′ 15″E
(BA LL)

93048 1Ed. 11/20/82 LAST NM 28/01 35/02
Add Platform with light flare symbol [L10]
5° 35′ 08″N 114° 50′ 52″E

Submarine pipeline [L40.1] between
5° 35′ 08″N 114° 50′ 52″E
5° 37′ 15″N 114° 53′ 30″E
(5(94)02 Kuala Lumpur)

93048 1Ed. 11/20/82 LAST NM 35/02 49/02
Add Depth 80 meters (no bottom found) [I13]
7° 35′ 50″N 114° 40′ 10″E
(RMN CH 781)

93048 1Ed. 11/20/82 LAST NM 49/02 5/03
Delete Beacon 5° 34′ 45″N 115° 22′ 38″E

Add Buoy G, conical, Fl G 5s 5° 34′ 11″N 115° 23′ 26″E
(51(4726)99 Taunton; BA CH 2111)

93048 1Ed. 11/20/82 LAST NM 5/03 14/03
Add Depth 25 meters Wk [K26] 6° 28′ 10″N 116° 14′ 28″E
Depth 25 meters Wk [K26] 6° 27′ 38″N 116° 13′ 52″E
(6(675)03 Taunton)

93048 1Ed. 11/20/82 LAST NM 14/03 33/03
Add Submarine cable [L30.1] between
5° 20′ 26″N 115° 14′ 47″E
5° 20′ 56″N 115° 21′ 47″E
(7(122)02 Kuala Lumpur)

93048 1Ed. 11/20/82 LAST NM 33/03 42/04
Delete Islet and legend "Glasgow Reef" 8° 19′ 30″N 115° 22′ 00″E

Dangerous submerged rocks (2) and legend
"Duhu Ansha (North Viper Shoal)" in vicinity
8° 02′ 00″N 115° 23′ 00″E
Dangerous submerged rock and legends
"Chin-wu Chiao (Southwest Shea)" and
"Rep (1940) ED" in vicinity 7° 59′ 18″N 114° 51′ 30″E

Change Latitude designation "30′ " to "50′ "
7° 50′ 00″N 114° 30′ 00″E
(NGA; 51(5012)00 Taunton)

93048 1Ed. 11/20/82 LAST NM 42/04 38/07
Add Light Fl 5s 8m 5M 6° 09′ 33″N 116° 08′ 22″E
(5(77)07 Kuala Lumpur)

93048 1Ed. 11/20/82 LAST NM 38/07 43/07
Delete Buoy 5° 11′ 00″N 115° 10′ 12″E
(12(210)04 Kuala Lumpur)

93048 1Ed. 11/20/82 LAST NM 43/07 45/07
Add Platform "KINDP-A" with light flare symbol
[L10] 6° 21.6′ N 115° 18.2′ E

Submarine pipeline (gas) [L40.1] between
6° 21.6′ N 115° 18.2′ E
6° 20.8′ N 115° 39.3′ E
(48(5242)03 Taunton; 6(99)04 Kuala Lumpur)

★**93048** 1Ed. 11/20/82 LAST NM 45/07 36/08
Add Depth 50 meters Wk [K26] 6° 57.3′ N 116° 24.9′ E
(NTM0005/2008)

93048 1Ed. 11/20/82 LAST NM 36/08 47/08
Add "Marine Park" area bound by shore and purple
composite line joining 6° 00.7′ N 116° 02.9′ E
6° 01.9′ N 116° 03.5′ E
6° 02.8′ N 116° 01.0′ E
6° 02.6′ N 116° 00.6′ E
6° 02.0′ N 116° 00.2′ E
5° 57.0′ N 115° 59.1′ E
5° 57.0′ N 116° 00.5′ E
5° 59.8′ N 116° 03.4′ E
6° 00.2′ N 116° 03.0′ E
(BA CH 3626)

93048 1Ed. 11/20/82 LAST NM 47/08 11/09
Change Light to Fl 7s 37m 10M 5° 15.2′ N 115° 16.3′ E
(58/07 Malaysia)

93048 1Ed. 11/20/82 LAST NM 11/09 22/10
Delete Beacon 5° 52.8′ N 115° 42.2′ E
(22/10 Sarawak)

93048 1Ed. 11/20/82 LAST NM 22/10 48/10
Add Submarine pipeline (gas) [L40.1] joining
5° 25.6′ N 114° 42.8′ E
5° 25.9′ N 114° 43.3′ E
5° 37.6′ N 114° 51.5′ E
5° 37.9′ N 114° 52.0′ E
5° 37.8′ N 114° 52.8′ E
5° 37.3′ N 114° 53.5′ E
(UKHO ARCS 1338-0, 2111-0)

93048 1Ed. 11/20/82 LAST NM 48/10 49/11
Add Platform "KNPG-B" with light flare symbol
[L10] 5° 26.4′ N 114° 41.8′ E
Platform "KNJT-C" with light flare symbol
[L10] 5° 26.3′ N 114° 42.8′ E
(10(168)11 Port Klang)

93048 1Ed. 11/20/82 LAST NM 49/11 38/13
Delete Buoy 5° 59.0′ N 115° 51.8′ E

Add Buoy BRB, pillar, double ball topmark,
Fl(2) 3s 5° 59.1′ N 115° 52.3′ E
(2(55)13 Port Klang)

93048 1Ed. 11/20/82 LAST NM 38/13 42/13
Add Buoy (mooring) [Q40] "SPM1" 5° 40.7′ N 115° 48.6′ E
Buoy (mooring) [Q40] "SPM2" 5° 42.6′ N 115° 49.3′ E

Submarine pipeline [L40.1] with legend "Oil
(See Note)" joining 5° 38.3′ N 115° 53.3′ E
5° 41.4′ N 115° 25.8′ E
5° 54.6′ N 115° 01.2′ E
5° 33.6′ N 114° 33.0′ E
5° 37.0′ N 114° 30.0′ E

Note from Subsection I-2 5° 26.3′ N 116° 21.7′ E
(NGA; 21, 44/10, 13/13 Sabah)

93048 1Ed. 11/20/82 LAST NM 42/13 49/13
Add Submarine cable [L30.1] joining 5° 10.0′ N 114° 53.7′ E
5° 10.6′ N 114° 53.6′ E
5° 13.1′ N 114° 52.7′ E
5° 13.4′ N 114° 51.8′ E
5° 15.8′ N 114° 50.4′ E
5° 18.5′ N 114° 43.8′ E
5° 18.5′ N 114° 37.7′ E
5° 19.3′ N 114° 30.0′ E
(5(78)10 Port Klang)

★**93049** 1Ed. 8/30/97 NEW CHART 51/97
(NIMA)

93049 1Ed. 8/30/97 LAST NM 51/97 37/98
Add Depth
76 meters 8° 43.5′ N 108° 55.4′ E
92 meters 9° 02.8′ N 109° 06.7′ E
84 meters 8° 08.9′ N 109° 38.9′ E
426 meters 9° 11.9′ N 110° 09.8′ E
(51(4599)97 Taunton; BA CH 3482)

★**93049** 1Ed. 8/30/97 LAST NM 37/98 52/98
Delete Depth
315 meters 8° 46.8′ N 109° 55.5′ E
354 meters 8° 48.8′ N 109° 57.6′ E
397 meters 8° 49.9′ N 109° 58.6′ E
435 meters 8° 50.8′ N 109° 59.5′ E
91 meters 7° 29.4′ N 109° 17.7′ E
89 meters 7° 20.0′ N 109° 11.3′ E
(GIMM011/98)

93049 1Ed. 8/30/97 LAST NM 52/98 4/99
Add Depth
549 meters 8° 46.6′ N 109° 25.8′ E
549 meters 8° 34.0′ N 109° 38.0′ E
674 meters 8° 40.0′ N 109° 54.8′ E
398 meters 8° 20.5′ N 110° 34.5′ E
469 meters 8° 14.4′ N 110° 55.0′ E
(12(1032)98 Taunton)

★**93049** 1Ed. 8/30/97 LAST NM 4/99 11/99
Substitute Depth 650 meters for 673 meters 8° 54.0′ N 111° 43.3′ E
(GIMM006/99)

93049 1Ed. 8/30/97 LAST NM 11/99 45/02
Add Depth 580 meters enclosed by depth contour
(1000-meter) 8° 27′ 54″N 111° 52′ 48″E
(36(3833)02 Taunton)

93049 1Ed. 8/30/97 LAST NM 45/02 4/03
Delete Light (PA) 7° 55′ 42″N 109° 57′ 06″E

Add Light Fl(2) 8s 12M (PA) 7° 48′ 48″N 109° 56′ 54″E
(48(5155)02 Taunton)

★**93049** 1Ed. 8/30/97 LAST NM 4/03 46/08
Substitute Depth 171 meters for 13 meters 7° 22′ 34″N 109° 01′ 06″E
and delete depth 14 meters, blue tint and
enclosing depth contour in vicinity

Depth 147 meters for 7.5 meters "Rep (1992)"
7° 14′ 00″N 108° 57′ 00″E
and delete blue tint and enclosing depth contour

Depth 157 meters for 12.8 meters "Rep (1992)"
7° 16′ 00″N 108° 59′ 00″E
and delete blue tint and enclosing depth contour

Depth 136 meters for 12.2 meters "Rep (1990)"
(PA) 7° 23′ 00″N 108° 57′ 00″E
and delete blue tint and enclosing depth contour

Depth 174 meters for wreck 7° 16′ 00″N 109° 02′ 47″E
(NTM0005/2008)

★**93049** 1Ed. 8/30/97 LAST NM 46/08 24/10
Add Depth 32 meters enclosed by depth contour
(100-meter) centered 7° 20′ 22″N 111° 41′ 49″E
Depth 60 meters enclosed by depth contour
(100-meter) centered 7° 18′ 47″N 109° 27′ 26″E
(NTM0001/2010)

93049 1Ed. 8/30/97 LAST NM 24/10 38/10
Change Light to Fl(2+1) 10s 23m 12M (PA)
8° 01′ 45″N 110° 37′ 00″E

Light to Fl 5s 23m 12M (PA) 8° 09′ 22″N 110° 35′ 52″E
Light to Fl(3) 10s 23m 12M (PA)
7° 48′ 07″N 110° 28′ 50″E
(7(363)10 Tianjin; UKHO LL)

93049 1Ed. 8/30/97 LAST NM 38/10 53/11
Relocate Light from 8° 39′ 45″N 111° 38′ 48″E to
8° 39′ 58″N 111° 39′ 51″E
(10(223)11 Manila)

★**93049** 1Ed. 8/30/97 LAST NM 53/11 30/12
Delete Depth 415 meters "Rep (1968)" 8° 26′ 30″N 111° 12′ 07″E
Depth 469 meters 8° 14′ 24″N 110° 55′ 00″E

Add Depth 426 meters 8° 30′ 02″N 111° 13′ 22″E

Depth 431 meters enclosed by depth contour
(1000-meter) centered 8° 32′ 12″N 111° 21′ 46″E
Depth 462 meters enclosed by depth contour
(1000-meter) centered 8° 15′ 45″N 110° 45′ 49″E
(NTM0004/2012)

93049 1Ed. 8/30/97 LAST NM 30/12 24/13
Add "Entry Restricted" area [N2.1] bound by purple
composite line joining 8° 05′ 11″N 108° 55′ 00″E
8° 05′ 10″N 108° 56′ 18″E
8° 02′ 34″N 108° 58′ 40″E
7° 59′ 34″N 108° 55′ 00″E
Note: Area extends beyond chart border

Platform (lighted) [L10] with Racon (U) AIS
8° 02′ 40″N 108° 55′ 40″E
(NTM0014/2013; UKHO ARCS 3482-0)

93049 1Ed. 8/30/97 LAST NM 24/13 46/13
Add Submarine cable [L30.1] joining 8° 27′ 17″N 108° 55′ 00″E
8° 35′ 26″N 108° 58′ 44″E
8° 40′ 04″N 109° 01′ 21″E
8° 49′ 30″N 109° 06′ 27″E
(5(78)10 Port Klang)

93049 1Ed. 8/30/97 LAST NM 46/13 50/13
Add Submarine cable [L30.1] joining 9° 13′ 02″N 108° 55′ 00″E
9° 11′ 42″N 109° 04′ 08″E
9° 11′ 07″N 109° 07′ 51″E
(5(78)10 Port Klang)

93049 1Ed. 8/30/97 LAST NM 50/13 1/14
Add Danger circle "Wells" [L20] 7° 37′ 18″N 109° 06′ 24″E

Submarine pipeline (gas) [L40.1] between
7° 37′ 18″N 109° 06′ 24″E
7° 35′ 05″N 108° 55′ 00″E
(46(5159)12 Taunton; UKHO ARCS 3482-0)

★**93050** 1Ed. 10/20/07 NEW CHART N50/07
(NGA)

93050 1Ed. 10/20/07 LAST NM N50/07 N37/09
Add Submarine cable [L30.1] joining
13° 02′ 08.9″N 100° 55′ 14.5″E
13° 01′ 56.7″N 100° 55′ 06.5″E
13° 01′ 23.9″N 100° 55′ 01.9″E
13° 01′ 06.3″N 100° 55′ 05.4″E
13° 01′ 00.0″N 100° 55′ 04.0″E
(7(99)08 Bangkok)

★**93061** 4Ed. 8/1/44 NEW EDITION 39/44
(USHO)

93061 4Ed. 8/1/44 LAST NM 39/44 7/87
Change Note in lower left margin of chart to

"Users should refer corrections,
additions, and comments for
improving this product to:
DIRECTOR, DEFENSE MAPPING
AGENCY HYDROGRAPHIC/
TOPOGRAPHIC CENTER, ATTN:
PR, Washington, D.C. 20315-0030."
(MCNM7880/87)

93061 4Ed. 8/1/44 LAST NM 7/87 26/89
(Plan C)
Add Stranded wreck 10° 42.1′ N 114° 18.9′ E
(4(6)89 Manila)

93061 4Ed. 8/1/44 LAST NM 26/89 45/02
(Plan B)
Add Depth 18 fathoms 11° 01.00′ N 114° 01.00′ E
(36(3834)02 Taunton)

93061 4Ed. 8/1/44 LAST NM 45/02 52/06
(Plan B)
Add Light Fl 5s 11° 02.50′ N 114° 16.90′ E
(10(208)02 Manila)

★**93101** 3Ed. 6/3/06 NEW EDITION 32/06
(NGA)

93101 3Ed. 6/3/06 LAST NM 32/06 32/07
Add Depth 13 meters "Rep" [I4] 1° 59.4′ N 104° 17.0′ E
(30(3281)07 Taunton)

93101 3Ed. 6/3/06 LAST NM 32/07 41/07
Substitute Depth 27.6 meters Wk [K26] for 27.4 meters Wk 2° 49.1′ N 104° 06.2′ E
(2(49)05 Kuala Lumpur)

93101 3Ed. 6/3/06 LAST NM 41/07 24/08
Add Light Fl 5s 55m 18M 2° 27.4′ N 104° 29.3′ E
Light Fl 3s 13m 18M 2° 27.5′ N 104° 00.1′ E
Light Fl(2) 20s 12m 12M 2° 25.8′ N 104° 02.9′ E
(56/07 Malaysia)

93101 3Ed. 6/3/06 LAST NM 24/08 30/11
Add Light Fl 5s 15m 7M 2° 18.3′ N 104° 01.8′ E
(27/10 Malaysia)

93101 3Ed. 6/3/06 LAST NM 30/11 40/13
Relocate Buoy from 3° 05.3′ N 103° 27.3′ E to 3° 03.6′ N 103° 27.7′ E
Add Light Fl R 3s 5m 5M, Fl G 3s 5m 5M 2° 09.3′ N 104° 00.4′ E
(40/12, 99/13 Malaysia)

93101 3Ed. 6/3/06 LAST NM 40/13 44/13
Add Dashed line (harbor limit) [N49] joining
3° 33.0′ N 103° 26.4′ E
3° 33.0′ N 103° 40.0′ E
3° 20.0′ N 103° 40.0′ E
3° 20.0′ N 103° 25.5′ E
(3(73)12 Port Klang)

93101 3Ed. 6/3/06 LAST NM 44/13 46/13
Add Submarine cable [L30.1] joining 2° 21.9′ N 103° 54.1′ E
2° 25.4′ N 104° 05.8′ E
2° 30.5′ N 104° 15.6′ E
2° 35.1′ N 104° 33.0′ E
(5(78)10 Port Klang)

93101 3Ed. 6/3/06 LAST NM 46/13 52/13
Add Dangerous wreck [K28] 2° 49.9′ N 104° 09.1′ E
(7(125)12 Port Klang)

★**93110** 2Ed. 8/18/01 NEW EDITION 41/01
(NIMA)

93110 2Ed. 8/18/01 LAST NM 41/01 22/02
Delete Restricted area in vicinity 4° 10.0′ N 105° 05.8′ E
Note: Anchorage symbol, platforms and storage tanker remain

Add Dangerous wreck [K28] (PA) 5° 05.0′ N 103° 40.2′ E

"RESTRICTED AREA" bound by purple composite line joining
4° 09.9′ N 105° 09.3′ E
4° 11.1′ N 105° 06.9′ E
4° 12.7′ N 105° 06.9′ E
4° 12.7′ N 105° 04.6′ E
4° 08.8′ N 105° 04.6′ E
4° 07.7′ N 105° 02.8′ E
4° 06.0′ N 105° 03.8′ E
4° 07.5′ N 105° 06.4′ E
4° 06.5′ N 105° 08.2′ E
4° 08.5′ N 105° 09.3′ E
Note: Area extends beyond chart border

Submarine pipeline [L40.1] between 4° 08.5′ N 105° 06.5′ E
4° 08.3′ N 105° 09.3′ E

Platform [L10] "Andra-A" 5° 12.7′ N 104° 43.7′ E

Submarine pipeline [L40.1] between 5° 12.7′ N 104° 43.7′ E
5° 26.7′ N 105° 09.3′ E

Platform with light flare symbol [L10] "Irong Barat B" 5° 33.1′ N 104° 44.3′ E

Submarine pipeline [L40.1] joining 5° 12.7′ N 104° 43.7′ E
5° 15.1′ N 104° 44.1′ E
5° 16.5′ N 104° 45.1′ E
5° 28.2′ N 104° 57.6′ E
5° 29.1′ N 104° 58.0′ E
5° 31.7′ N 104° 57.9′ E
(11(1095), 13(1387)02 Taunton; 12(211)01 Kuala Lumpur)

93110 2Ed. 8/18/01 LAST NM 22/02 24/02
Delete Light 2° 40.0′ N 103° 38.9′ E
Add Light Q 11m 10M 2° 40.2′ N 103° 39.7′ E
(30/01 Malaysia)

93110 2Ed. 8/18/01 LAST NM 24/02 38/02
Change Height of light to 57m 2° 39.0′ N 103° 53.0′ E
(22/02 Malaysia)

93110 2Ed. 8/18/01 LAST NM 38/02 40/02
Add Submarine pipeline [L40.1] with legend "Gas CAUTION NO 3" joining
4° 33.9′ N 103° 27.9′ E
4° 34.7′ N 103° 29.9′ E
4° 36.0′ N 103° 31.7′ E
5° 17.1′ N 103° 46.1′ E
5° 23.1′ N 103° 48.6′ E
5° 34.0′ N 103° 53.8′ E
(24/01 Malaysia)

93110 2Ed. 8/18/01 LAST NM 40/02 41/02
Add Submarine pipeline [L41.1] between 4° 34.2′ N 103° 27.8′ E
5° 12.7′ N 104° 43.7′ E

Submarine pipeline [L41.1] between 5° 12.7′ N 104° 43.7′ E
5° 22.0′ N 105° 09.3′ E

Submarine pipeline [L41.1] between 5° 12.7′ N 104° 43.7′ E
5° 34.0′ N 104° 56.0′ E

Submarine pipeline [L41.1] between 5° 12.7′ N 104° 43.7′ E
5° 33.0′ N 104° 46.6′ E

Submarine pipeline [L41.1] between 5° 12.7′ N 104° 43.7′ E
5° 12.4′ N 104° 40.3′ E

(See 22/02-93110)
(13/00 Malaysia)

93110 2Ed. 8/18/01 LAST NM 41/02 1/03
Add Light Fl R 3s 12m 5M 5° 12.6′ N 103° 12.9′ E
(31/02 Malaysia)

93110 2Ed. 8/18/01 LAST NM 1/03 2/03
Delete Depth 28 meters Wk (PA) 3° 18.0′ N 104° 56.3′ E

Add Depth 56 meters Wk [K26] 4° 06.4′ N 104° 20.8′ E
Depth 34 meters Wk [K26] 3° 18.4′ N 104° 56.0′ E
Depth 32 meters Wk [K26] 3° 20.2′ N 104° 05.5′ E
(42(4488, 4489)02 Taunton)

93110 2Ed. 8/18/01 LAST NM 2/03 34/04
Add Platform (lighted) [L10] 5° 30.1′ N 104° 59.9′ E
(3(39)04 Bangkok)

93110 2Ed. 8/18/01 LAST NM 34/04 25/07
Change Buoy to RGR, can, Fl(2 + 1) R 10s 4° 12.1′ N 103° 31.9′ E
(7(102)06 Kuala Lumpur)

93110 2Ed. 8/18/01 LAST NM 25/07 28/07
Add Submarine cable [L30.1] between 3° 52.0′ N 103° 59.1′ E
3° 36.0′ N 103° 58.0′ E
(2(50)06 Kuala Lumpur)

93110 2Ed. 8/18/01 LAST NM 28/07 39/07
Substitute Depth 38 meters Wk [K26] for 24 meters Wk (unsurveyed) (PA) 4° 45.7′ N 103° 41.0′ E
(3(61)05 Kuala Lumpur)

93110 2Ed. 8/18/01 LAST NM 28/07 41/07
Add Depth 27.6 meters Wk [K26] 2° 49.1′ N 104° 06.2′ E

Platform "Selatan A" with light flare symbol [L10] 5° 05.6′ N 104° 41.7′ E
(2(49), 9(175)05 Kuala Lumpur)

93110 2Ed. 8/18/01 LAST NM 41/07 50/07
Change Range light, front to QG 13m 13M 3° 58.6′ N 103° 25.9′ E
Range light, rear to Oc G 5s 34m 15M 3° 58.9′ N 103° 25.5′ E
(33/07 Malaysia)

93110 2Ed. 8/18/01 LAST NM 50/07 40/08
Add Submarine cable [L30.1] joining 2° 50.8′ N 105° 09.3′ E
2° 47.0′ N 105° 07.5′ E
2° 40.2′ N 105° 05.7′ E
2° 37.8′ N 105° 03.9′ E
2° 36.0′ N 105° 03.2′ E
(BA CH 2869)

93110 2Ed. 8/18/01 LAST NM 40/08 47/08
Add Wreck [K29] 4° 47.9′ N 103° 39.4′ E
(10(168)02 Kuala Lumpur)

93110 2Ed. 8/18/01 LAST NM 47/08 6/09
Add Wreck [K29] (PA) 5° 28.8′ N 104° 03.4′ E
(20/08 Malaysia)

93110 2Ed. 8/18/01 LAST NM 6/09 11/09
Change Light to QG 11M 4° 35.1′ N 103° 28.0′ E
(58/08 Malaysia)

93110 2Ed. 8/18/01 LAST NM 11/09 21/11
Add Light Fl 6s 16m 10M 4° 52.0′ N 103° 39.5′ E
(66/10 Malaysia)

93110 2Ed. 8/18/01 LAST NM 21/11 28/11
Add Light Fl 3s 23m 10M 4° 46.9′ N 103° 41.3′ E
(66/10 Malaysia)

93110 2Ed. 8/18/01 LAST NM 28/11 39/13
Delete Light 4° 25.4′ N 103° 27.3′ E
(81/12 Malaysia)

93110 2Ed. 8/18/01 LAST NM 39/13 40/13
Relocate Buoy from 3° 05.3′ N 103° 27.3′ E to
3° 03.6′ N 103° 27.7′ E
Buoy from 3° 55.4′ N 103° 29.0′ E to
3° 55.6′ N 103° 29.3′ E
Change Light to Fl 10s 76m 10M 4° 47.0′ N 103° 26.2′ E
(31, 40/12, 14/13 Malaysia)

93110 2Ed. 8/18/01 LAST NM 40/13 46/13
Add Submarine cable [L30.1] joining 2° 36.0′ N 104° 36.6′ E
2° 37.6′ N 104° 43.6′ E
2° 45.1′ N 104° 57.2′ E
3° 10.6′ N 105° 09.3′ E
(5(78)10 Port Klang)

93110 2Ed. 8/18/01 LAST NM 46/13 52/13
Add Dangerous wreck [K28] 2° 49.9′ N 104° 09.1′ E
(7(125)12 Port Klang)

93110 2Ed. 8/18/01 LAST NM 52/13 1/14
Delete "Petroleum Anch" area in vicinity 4° 10.8′ N 103° 30.7′ E
Quarantine anchorage area in vicinity
4° 13.1′ N 103° 32.1′ E
(9(163)09 Port Klang)

★93113 3Ed. 8/30/08 NEW EDITION N45/08
(NGA)

93113 3Ed. 8/30/08 LAST NM N45/08 N7/09
Add Buoy "Outer" G, conical, Fl(2) G 6s
3° 30′ 59″N 103° 29′ 22″E
(30/06 Malaysia)

93113 3Ed. 8/30/08 LAST NM N7/09 N22/09
Delete Range beacons (2), range line and legend "Lts in line 288°" between 4° 14′ 12″N 103° 26′ 39″E
4° 13′ 32″N 103° 28′ 42″E
(12/09 Malaysia)

93113 3Ed. 8/30/08 LAST NM N22/09 N33/11
Delete Buoy "No 2" 3° 56′ 56″N 103° 27′ 34″E
Substitute Depth 11.1 meters Obstn [K41] for danger circle "Obstn" 3° 57′ 03″N 103° 27′ 30″E
Change Light to Fl(4) R 12s 9m 9M 3° 58′ 04″N 103° 26′ 19″E
Add Visibility (range) 5M to light 3° 58′ 09″N 103° 26′ 13″E
Beacon "No 2" R, can topmark, Fl R 5s 17m 8M 3° 57′ 03″N 103° 27′ 32″E
(UKHO ARCS 1379-1)

93113 3Ed. 8/30/08 LAST NM N33/11 N40/13
Delete Range light, front, range line and legend "Lts in line 340°" between 4° 14′ 30″N 103° 26′ 57″E
4° 12′ 01″N 103° 27′ 51″E
Buoy 4° 13′ 59″N 103° 27′ 11″E
Relocate Buoy from 3° 47′ 16″N 103° 21′ 03″E to
3° 47′ 18″N 103° 21′ 09″E
Buoy from 3° 55′ 33″N 103° 29′ 08″E to
3° 55′ 33″N 103° 29′ 15″E
Change Beacon to "No 1" W, cone topmark, Fl G 5s 13m 11M 4° 13′ 44″N 103° 29′ 16″E
Add Beacon QR 8M 4° 13′ 59″N 103° 27′ 14″E
Beacon Fl Y 3s 8M 4° 13′ 46″N 103° 27′ 08″E
(46, 60/11, 13-15/13 Malaysia; UKHO ARCS 1374-2)

93113 3Ed. 8/30/08 LAST NM N40/13 N44/13
Add Dashed line (harbor limit) [N49] joining
3° 33′ 00″N 103° 26′ 40″E
3° 33′ 00″N 103° 40′ 00″E
3° 30′ 30″N 103° 40′ 00″E
(3(73)12 Port Klang)

★93115 3Ed. 4/25/09 NEW EDITION N30/09
(NGA)

93115 3Ed. 4/25/09 LAST NM N30/09 N21/11
Add Light Fl 6s 16m 10M 4° 52′ 01.3″N 103° 39′ 32.7″E
(66/10 Malaysia)

93115 3Ed. 4/25/09 LAST NM N21/11 N28/11
Add Light Fl 3s 23m 10M 4° 46′ 56.2″N 103° 41′ 20.0″E
(66/10 Malaysia)

93115 3Ed. 4/25/09 LAST NM N28/11 N39/13
Delete Light 4° 25′ 23.9″N 103° 27′ 19.4″E
(81/12 Malaysia)

93115 3Ed. 4/25/09 LAST NM N39/13 N40/13
Delete Range light, front, range line and legend "Lts in line 340°" between 4° 14′ 30″N 103° 26′ 58″E
4° 12′ 30″N 103° 27′ 40″E
Buoy 4° 13′ 59″N 103° 27′ 11″E
Change Beacon to "No 1" W, cone topmark, Fl G 5s 13m 11M 4° 13′ 44″N 103° 29′ 16″E
Light to Fl 10s 76m 10M 4° 46′ 54″N 103° 26′ 17″E
Light to Fl 2s 12 M 4° 34′ 45″N 103° 27′ 38″E
Light to Fl 2s 12 M 4° 34′ 33″N 103° 27′ 17″E
Add Beacon QR 8M 4° 13′ 59″N 103° 27′ 14″E
Beacon Fl Y 3s 8M 4° 13′ 46″N 103° 27′ 08″E
(46, 60/11, 30, 31/12, 15/13 Malaysia; UKHO ARCS 1374-2)

★93117 3Ed. 10/15/05 NEW EDITION 52/05
(NGA)

93117 3Ed. 10/15/05 LAST NM 52/05 11/07
(Panel B)
Delete Dangerous wreck 3° 57′ 34.0″N 103° 27′ 00.0″E
Buoy 3° 57′ 55.0″N 103° 26′ 59.0″E
(8(111)06 Kuala Lumpur)

93117 3Ed. 10/15/05 LAST NM 11/07 40/07
(Panel B)
Delete Buoy 3° 57′ 43.2″N 103° 27′ 20.5″E
(5(106)05 Kuala Lumpur)

93117 3Ed. 10/15/05 LAST NM 40/07 50/07
(Panel B)
Change Range light, front to QG 13m 13M
3° 58′ 35.4″N 103° 25′ 53.8″E

(continued on next page)

93117 (Continued) 50/07
Range light, rear to Oc G 5s 34m 15M
3° 58′ 56.2″N 103° 25′ 30.0″E

Visibility (range) of light to 9M
3° 58′ 03.5″N 103° 26′ 19.8″E
Visibility (range) of light to 9M
3° 58′ 10.1″N 103° 26′ 31.2″E
(33/07 Malaysia)

93117 3Ed. 10/15/05 LAST NM 50/07 19/08
(Panel B)
Add Dangerous wreck [K28] 3° 57′ 25.8″N 103° 27′ 25.8″E
(66T/07 Malaysia)

93117 3Ed. 10/15/05 LAST NM 19/08 7/09
(Panel B)
Add Buoy BRB, pillar, double ball topmark,
Fl(2) 10s [Q130.4] 3° 57′ 54.0″N 103° 27′ 24.0″E
(22/08 Malaysia)

93117 3Ed. 10/15/05 LAST NM 7/09 11/09
(Panel A)
Change Characteristic of buoy "No 5" to Fl G 3s
4° 35′ 08.8″N 103° 27′ 57.0″E

Light to QG 11M 4° 35′ 06.5″N 103° 28′ 03.5″E
(58/08 Malaysia)

93117 3Ed. 10/15/05 LAST NM 11/09 33/11
(Panel B)
Delete Buoy "No 2" 3° 56′ 58.5″N 103° 27′ 30.7″E
Danger circle "Obstn" 3° 57′ 03.1″N 103° 27′ 32.5″E

Add Beacon "No 2" R, can topmark,
Fl R 5s 17m 8M 3° 57′ 02.8″N 103° 27′ 32.0″E

Depth 11.1 meters Obstn [K41]
3° 57′ 02.7″N 103° 27′ 30.0″E
(UKHO ARCS 1379-1)

93117 3Ed. 10/15/05 LAST NM 33/11 40/13
(Panel A)
Relocate Buoy "N1" from
4° 33′ 33.0″N 103° 28′ 40.4″E to
4° 33′ 35.2″N 103° 28′ 39.1″E

Change Light to Fl 2s 12M 4° 34′ 44.8″N 103° 27′ 37.5″E
Light to Fl 2s 12M 4° 34′ 32.9″N 103° 27′ 16.8″E

(Panel B)
Relocate Buoy from 3° 55′ 30.9″N 103° 29′ 11.2″E to
3° 55′ 33.0″N 103° 29′ 15.0″E
(30/12, 7, 14/13 Malaysia)

★**93160** 4Ed. 11/24/01 NEW EDITION 15/02
(NIMA)

93160 4Ed. 11/24/01 LAST NM 15/02 27/02
Add Wreck [K29] (PA) 6° 53′ 08″N 101° 38′ 48″E
(NTM0030/2002)

93160 4Ed. 11/24/01 LAST NM 27/02 34/02
Add Dashed-line circle "Marine Farm"
6° 39′ 13″N 101° 42′ 36″E
(6(337)99 Bangkok)

93160 4Ed. 11/24/01 LAST NM 34/02 1/03
Add Light Fl 4s 9m 8M 5° 54′ 36″N 102° 42′ 35″E
(29/02 Malaysia)

93160 4Ed. 11/24/01 LAST NM 1/03 14/03
Add Depth 24 meters Wk [K26] 6° 17′ 05″N 102° 45′ 22″E
(6(657)03 Taunton)

93160 4Ed. 11/24/01 LAST NM 14/03 24/03
Add Wreck [K29] 5° 53′ 48″N 102° 51′ 30″E
(3(55)03 Kuala Lumpur)

93160 4Ed. 11/24/01 LAST NM 24/03 47/03
Add Dashed-line circle "Marine farm"
6° 52′ 11″N 101° 35′ 54″E
Dashed-line circle "Marine farm"
6° 49′ 19″N 101° 41′ 12″E
Dashed-line circle "Marine farm"
6° 48′ 43″N 101° 41′ 53″E
Dashed-line circle "Marine farm"
6° 47′ 54″N 101° 42′ 28″E
Dashed-line circle "Marine farm"
6° 46′ 00″N 101° 43′ 51″E
Dashed-line circle "Marine farm"
6° 44′ 47″N 101° 44′ 43″E
Dashed-line circle "Marine farm"
6° 43′ 54″N 101° 45′ 22″E
Dashed-line circle "Marine farm"
6° 38′ 31″N 101° 43′ 32″E
Dashed-line circle "Marine farm"
6° 35′ 29″N 101° 49′ 22″E
Dashed-line circle "Marine farm"
6° 28′ 49″N 101° 52′ 18″E
(5(65)03 Bangkok)

93160 4Ed. 11/24/01 LAST NM 47/03 34/04
Delete Depth 11.6 meters 6° 39′ 40″N 101° 42′ 06″E
Depth 15 meters, Mud 6° 34′ 00″N 101° 47′ 05″E

Add Dashed-line circle "Marine farm"
6° 39′ 38″N 101° 42′ 06″E
Dashed-line circle "Marine farm"
6° 40′ 21″N 101° 43′ 06″E
Dashed-line circle "Marine farm"
6° 34′ 07″N 101° 47′ 23″E
(11(132)03 Bangkok)

93160 4Ed. 11/24/01 LAST NM 34/04 23/08
Add Platform "Jerneh B" with light flare symbol
[L10] 6° 35′ 14″N 103° 41′ 49″E
(12/08 Malaysia)

93160 4Ed. 11/24/01 LAST NM 23/08 44/08
Add Platform "Bintang A" with light flare symbol
[L2] 6° 33′ 24″N 103° 17′ 18″E
Platform "Bintang B" with light flare symbol
[L2] 6° 33′ 06″N 103° 15′ 12″E

Submarine pipeline [L41.1] with legend
"Air/Water" joining 6° 32′ 48″N 103° 21′ 12″E
6° 33′ 30″N 103° 18′ 42″E
6° 33′ 24″N 103° 17′ 18″E
6° 33′ 06″N 103° 15′ 12″E
(9(151)02 Kuala Lumpur; BA CH 3542)

93160 4Ed. 11/24/01 LAST NM 44/08 6/09
Add Wreck [K29] (PA) 5° 28′ 48″N 104° 03′ 24″E
(20/08 Malaysia)

93160 4Ed. 11/24/01 LAST NM 6/09 12/09
Add Submarine pipeline (water) [L41.1] joining
5° 47′ 12″N 102° 37′ 12″E
5° 51′ 06″N 102° 40′ 06″E
5° 52′ 00″N 102° 41′ 18″E
5° 53′ 06″N 102° 43′ 06″E
5° 53′ 42″N 102° 43′ 42″E

Purple dashed line with legend
"Tok Bali Port Limit" joining 5° 56′ 12″N 102° 27′ 36″E
5° 57′ 48″N 102° 30′ 06″E
5° 54′ 06″N 102° 32′ 54″E
5° 51′ 54″N 102° 30′ 48″E

Purple dashed line with legend
"Kuala Besut Port Limit" joining
5° 51′ 00″N 102° 32′ 00″E
5° 53′ 00″N 102° 34′ 00″E
5° 48′ 00″N 102° 39′ 00″E
5° 47′ 00″N 102° 37′ 48″E
(40, 43/07, 64/08 Malaysia)

93160 4Ed. 11/24/01 LAST NM 12/09 24/09
Delete Dashed line between 6° 31′ 15″N 101° 45′ 48″E
6° 35′ 24″N 101° 50′ 00″E

Dashed-line circles and legend
"Marine farm" (4) in vicinity 6° 39′ 13″N 101° 42′ 36″E
Dashed-line circles and legend
"Marine farm" (3) in vicinity 6° 48′ 43″N 101° 41′ 53″E
Dashed-line circles and legend
"Marine farm" (3) in vicinity 6° 44′ 47″N 101° 44′ 43″E

(continued on next page)

93160 (Continued) 24/09
Dashed-line circle and legend "Marine farm"
6° 34′ 07″N 101° 47′ 23″E
Dashed-line circle and legend "Marine farm"
6° 52′ 11″N 101° 35′ 54″E
Dashed-line circle and legend "Marine farm"
6° 35′ 29″N 101° 49′ 22″E
Dashed-line circle and legend "Marine farm"
6° 28′ 49″N 101° 52′ 18″E

"Marine farm" area in vicinity 6° 54′ 00″N 101° 27′ 15″E
"Marine farm" area in vicinity 6° 52′ 30″N 101° 32′ 00″E
"Marine farm" area in vicinity 6° 47′ 30″N 101° 37′ 00″E

Add Dashed line (marine farm area limit) joining
6° 35′ 24″N 101° 50′ 00″E
6° 38′ 24″N 101° 53′ 00″E
6° 55′ 00″N 101° 37′ 48″E
Note: Area extends beyond chart border
(5(64)05 Bangkok)

93160 4Ed. 11/24/01 LAST NM 24/09 30/09
Add Submarine cable [L30.1] between
6° 55′ 00″N 101° 38′ 52″E
6° 15′ 00″N 102° 48′ 14″E
(9(117)07 Bangkok)

93160 4Ed. 11/24/01 LAST NM 30/09 39/10
Delete Light 5° 53′ 21″N 102° 29′ 18″E

Add Platform "LHDP-A" with light flare symbol [L10] 6° 19′ 31″N 104° 01′ 22″E
(12(191)09 Port Klang; 65/10 Malaysia)

93160 4Ed. 11/24/01 LAST NM 39/10 10/11
Add Light QG 14m 10M, QR 14m 10M
5° 53′ 53″N 102° 29′ 05″E
(66, 69/10 Malaysia)

93160 4Ed. 11/24/01 LAST NM 10/11 17/11
Add Purple composite-line greater arc of a circle, radius 2 miles, centered 5° 38′ 30″N 103° 09′ 15″E
arc between 5° 39′ 00″N 103° 11′ 08″E
5° 37′ 08″N 103° 07′ 45″E

Purple composite-line greater arc of a circle, radius 2 miles, centered 5° 37′ 30″N 103° 09′ 45″E
arc between 5° 39′ 00″N 103° 11′ 08″E
5° 37′ 08″N 103° 07′ 45″E

Legend "Marine Nature Reserve" centered
5° 38′ 00″N 103° 09′ 30″E
(4(75)10 Port Klang)

93160 4Ed. 11/24/01 LAST NM 17/11 21/11
Add Danger circle "Obstn (Marine Farm)" [K40]
6° 31′ 06″N 101° 58′ 03″E
Danger circle "Obstn (Marine Farm)" [K40]
6° 35′ 38″N 101° 53′ 00″E

Light Fl(2) 5s 13m 10M 5° 34′ 19″N 102° 59′ 06″E
(3(28)11 Bangkok; 66/10 Malaysia)

93160 4Ed. 11/24/01 LAST NM 21/11 28/11
Add Light Fl 5s 31m 10M 5° 40′ 37″N 102° 49′ 31″E
Light Fl(2) 6s 13m 5M 5° 44′ 12″N 103° 01′ 09″E
(66/10 Malaysia)

93160 4Ed. 11/24/01 LAST NM 28/11 37/12
Delete Dashed line joining 6° 26′ 16″N 102° 00′ 42″E
6° 23′ 00″N 102° 04′ 34″E
6° 22′ 11″N 102° 04′ 32″E

Add Dashed line (marine farm area limit) joining
6° 26′ 16″N 102° 00′ 42″E
6° 27′ 38″N 102° 01′ 57″E
6° 25′ 01″N 102° 05′ 01″E
6° 22′ 11″N 102° 05′ 06″E
6° 22′ 11″N 102° 04′ 32″E
(6(78)12 Bangkok)

93160 4Ed. 11/24/01 LAST NM 37/12 40/13
Delete Light 5° 39.8′ N 102° 44.9′ E

Add Beacon Y, Fl(4) Y 10s 12m 8M 5° 36.6′ N 102° 49.7′ E
(80/12, 43/13 Malaysia)

93160 4Ed. 11/24/01 LAST NM 40/13 43/13
Add Submarine pipeline [L40.1] with legend "Gas (SEE NOTE)" joining 6° 41.6′ N 104° 08.0′ E
5° 39.0′ N 103° 53.5′ E
5° 37.5′ N 103° 53.6′ E
5° 36.5′ N 103° 54.3′ E
(11(145)03 Port Klang; UKHO ARCS 2426-0)

93160 4Ed. 11/24/01 LAST NM 43/13 44/13
Add Platform (lighted) "MLDP-A" [L2] 6° 10.7′ N 104° 04.5′ E
(5(80)10 Port Klang)

93160 4Ed. 11/24/01 LAST NM 44/13 4/14
Add Platform (lighted) "Damar A" [L2] 6° 40.5′ N 103° 12.0′ E

Submarine cable (power) [L31.1] between
6° 40.5′ N 103° 12.0′ E
6° 32.9′ N 103° 21.2′ E
(11(179)13 Port Klang)

★**93180** 8Ed. 7/14/07 NEW EDITION N40/07
(NGA)

93180 8Ed. 7/14/07 LAST NM N40/07 N45/07
Add Wreck [K29] "Rep" 7° 51.9′ N 102° 02.7′ E
(10(322)07 Tokyo)

93180 8Ed. 7/14/07 LAST NM N45/07 N50/07
(Plan A)
Add Buoy (mooring) [Q40] 7° 14′ 07″N 100° 35′ 39″E
(9(114)06 Bangkok)

93180 8Ed. 7/14/07 LAST NM N50/07 N6/08
Add Stranded wreck [K24] (PA) 7° 25.0′ N 100° 34.0′ E
(12(158)07 Bangkok)

93180 8Ed. 7/14/07 LAST NM N6/08 N24/09
Add Danger circle [K40] "Obstn (Marine farm)"
6° 54.9′ N 101° 06.9′ E
(5(54)08 Bangkok)

93180 8Ed. 7/14/07 LAST NM N24/09 N30/09
Add Submarine cable [L30.1] joining 7° 10.9′ N 100° 37.0′ E
7° 11.7′ N 100° 37.8′ E
7° 13.9′ N 100° 40.2′ E
7° 17.4′ N 100° 40.8′ E
8° 30.0′ N 100° 23.6′ E

Submarine cable [L30.1] joining 7° 10.9′ N 100° 37.0′ E
7° 11.5′ N 100° 41.9′ E
7° 10.5′ N 101° 10.2′ E
7° 08.6′ N 101° 15.1′ E
7° 08.3′ N 101° 16.8′ E
7° 07.3′ N 101° 17.5′ E
6° 45.0′ N 101° 56.0′ E

(Plan A)
Add Submarine cable [L30.1] between
7° 10′ 56″N 100° 37′ 01″E
7° 11′ 28″N 100° 37′ 38″E

Submarine cable [L30.1] between
7° 10′ 56″N 100° 37′ 01″E
7° 11′ 59″N 100° 37′ 38″E
(7(89), 9(117)07 Bangkok)

93180 8Ed. 7/14/07 LAST NM N30/09 N35/09
Change Characteristic of "Entrance Light Buoy" to Mo(A) 6s 7° 16.1′ N 100° 36.9′ E

Characteristic of light to Fl R 3s 7° 14.2′ N 100° 35.0′ E
Characteristic of light to Fl G 3s 7° 14.2′ N 100° 34.5′ E
Range light "A", front to Fl G 11M 7° 13.5′ N 100° 34.3′ E

Visibility (range) of range light "B", rear to 11M 7° 13.4′ N 100° 34.1′ E

Legend to "Ldg Lts 224° 18′ " 7° 19.0′ N 100° 39.5′ E

Add Moored storage tanker [L17] with light flare symbol and legend "Kanchana Silver"
7° 32.1′ N 100° 42.5′ E
Legend "SONGKHLA A OILFIELD SEE NOTE" 7° 30.5′ N 100° 43.0′ E

(continued on next page)

93180 (Continued) 35/09

Moored storage tanker [L17] with light flare symbol 8° 26.0′ N 102° 23.0′ E

(Plan A)

Delete Buoy "No 19" 7° 12′ 36″N 100° 34′ 45″E
Buoy "No 21" 7° 11′ 57″N 100° 35′ 04″E
Buoy "No 23" 7° 11′ 24″N 100° 35′ 17″E

Range line and legend "Leading Lights 225° 00′ " between 7° 13′ 22″N 100° 34′ 12″E
7° 16′ 06″N 100° 36′ 54″E

Relocate Buoy "No 2" from 7° 15′ 16″N 100° 36′ 07″E
to 7° 15′ 55″N 100° 36′ 47″E
Buoy "No 3" from 7° 14′ 58″N 100° 35′ 43″E
to 7° 15′ 48″N 100° 36′ 28″E
Buoy "No 4" from 7° 14′ 28″N 100° 35′ 24″E
to 7° 15′ 24″N 100° 36′ 16″E
Buoy "No 5" from 7° 14′ 20″N 100° 35′ 07″E
to 7° 15′ 13″N 100° 35′ 53″E

Change Characteristic of "Entrance Light Buoy" to Mo(A) 6s 7° 16′ 16″N 100° 37′ 00″E

Light to Fl R 3s 6m 4M 7° 14′ 01″N 100° 34′ 59″E
Light to Fl G 3s 8m 4M 7° 14′ 07″N 100° 34′ 44″E

Range light "A", front to Fl G 3s 11m 11M 7° 13′ 31″N 100° 34′ 21″E
Range light "B", rear to Iso G 5s 19m 11M 7° 13′ 22″N 100° 34′ 12″E

Add Buoy "No 6" R, can, can topmark, Fl R 3s 7° 14′ 52″N 100° 35′ 46″E
Buoy "No 7" G, can, cone topmark, Fl G 3s 7° 14′ 43″N 100° 35′ 23″E
Buoy "No 8" R, can, can topmark, Fl R 3s 7° 14′ 20″N 100° 35′ 14″E
Buoy "No 15" G, can, cone topmark, Fl G 3s 7° 12′ 39″N 100° 34′ 40″E
Buoy "No 17" G, can, cone topmark, Fl G 3s 7° 12′ 05″N 100° 35′ 01″E

Range line extending in a 044° 18′ direction from above rear range light "B"
dashed for 400 meters, thence
solid for 6675 meters

Legend "Leading Lights 224° 18′ " along above range line 7° 15′ 48″N 100° 36′ 35″E

(9(125), 11(159)08, 1(11)09 Bangkok)

93180 8Ed. 7/14/07 LAST NM N35/09 N37/09

Add Submarine cable [L30.1] joining 8° 30.0′ N 101° 04.5′ E
8° 25.5′ N 101° 06.9′ E
7° 21.4′ N 102° 24.0′ E
7° 20.5′ N 102° 25.0′ E

(7(99)08 Bangkok)

93180 8Ed. 7/14/07 LAST NM N37/09 N27/10

Add "Marine Farm" area bound by dashed line joining 7° 03.5′ N 101° 20.0′ E
7° 03.5′ N 101° 22.1′ E
7° 01.4′ N 101° 22.1′ E
7° 01.4′ N 101° 20.0′ E

(10(159)09 Bangkok)

93180 8Ed. 7/14/07 LAST NM N27/10 N32/10

Add "Marine farm" area bound by dashed line joining 7° 34.1′ N 100° 25.7′ E
7° 34.2′ N 100° 27.2′ E
7° 32.1′ N 100° 27.7′ E
7° 31.9′ N 100° 26.3′ E

"Marine farm" area bound by dashed line joining 7° 18.1′ N 100° 32.9′ E
7° 18.1′ N 100° 34.2′ E
7° 17.2′ N 100° 34.9′ E
7° 17.2′ N 100° 33.5′ E

(11(170)09 Bangkok)

93180 8Ed. 7/14/07 LAST NM N32/10 N33/10

Add Platform "AWP3N" with light flare symbol [L10] 8° 25.2′ N 102° 21.6′ E

(6(71, 72)10 Bangkok)

93180 8Ed. 7/14/07 LAST NM N33/10 N41/10

Change Height of light to 158m 8° 23.9′ N 100° 44.0′ E

Add Platform with light flare symbol [L10] 8° 22.0′ N 102° 23.6′ E

(Plan A)

Change Height of light to 102m 7° 12′ 37″N 100° 35′ 21″E

(4(53), 8(107)10 Bangkok)

93180 8Ed. 7/14/07 LAST NM N41/10 N10/11

Add Platform "AWP11" with light flare symbol [L10] 8° 16.0′ N 102° 24.3′ E

(1(14, 15)11 Bangkok)

93180 8Ed. 7/14/07 LAST NM N10/11 N21/11

Add Danger circle "Obstn (Marine Farm)" [K40] 7° 00.4′ N 101° 23.0′ E

(Plan B)

Add Danger circle "Obstn (Marine Farm)" [K40] 7° 00.4′ N 101° 23.0′ E

(3(28)11 Bangkok)

93180 8Ed. 7/14/07 LAST NM N21/11 N43/11

Change Light to Fl(4) 25M 7° 12.8′ N 100° 35.4′ E

(Plan A)

Change Light to Fl(4) 30s 102m 25M 7° 12′ 37″N 100° 35′ 21″E

(6(84)11 Bangkok)

93180 8Ed. 7/14/07 LAST NM N43/11 N5/12

Add Dangerous wreck [K28] (PA) 7° 15.7′ N 100° 37.1′ E

(Plan A)

Add Dangerous wreck [K28] (PA) 7° 15′ 42″N 100° 37′ 04″E

(12(181)11 Bangkok)

93180 8Ed. 7/14/07 LAST NM N5/12 N37/12

Add Platform (lighted) "AWP15" [L2] 8° 29.1′ N 102° 23.4′ E
Platform (lighted) "AWP17" [L2] 8° 19.0′ N 102° 16.5′ E
Platform (lighted) "WP26" [L2] 8° 13.4′ N 102° 16.8′ E

(7(100P, 101)11, 5(64P, 65)12 Bangkok)

93180 8Ed. 7/14/07 LAST NM N37/12 N52/12

Add Platform (lighted) "WP27" [L2] 8° 03.6′ N 102° 24.8′ E
Platform (lighted) "WP28" [L2] 8° 06.4′ N 102° 14.5′ E
Platform (lighted) "WP29" [L2] 8° 06.2′ N 102° 16.3′ E
Platform (lighted) "AWP19" [L2] 8° 17.4′ N 102° 16.8′ E
Platform (lighted) "AWP20" [L2] 8° 18.0′ N 102° 15.1′ E
Platform (lighted) "AWP21" [L2] 8° 24.0′ N 102° 22.2′ E

(11(141P, 142)12 Bangkok)

93180 8Ed. 7/14/07 LAST NM N52/12 N22/13

Add Dangerous wreck [K28] (PA) 7° 32.7′ N 100° 37.6′ E

(2(19)13 Bangkok)

93180 8Ed. 7/14/07 LAST NM N22/13 N37/13

Delete Moored storage tanker "Kanchana Silver" 7° 32.1′ N 100° 42.5′ E

Change Legend to "SONGKHLA OILFIELD SEE NOTE" 7° 30.5′ N 100° 43.0′ E

Add Platform (lighted) "A" [L2] 7° 32.1′ N 100° 42.6′ E
Platform (lighted) "C-PP&C-WP" [L2] 7° 28.4′ N 100° 36.5′ E
Platform (lighted) "D" [L2] 7° 31.1′ N 100° 36.6′ E
Platform (lighted) "E" [L2] 7° 34.3′ N 100° 37.2′ E
Platform (lighted) "G" [L2] 7° 26.2′ N 100° 36.2′ E

Moored storage tanker [L17] "Sriracha Trader" 7° 32.3′ N 100° 42.5′ E
Moored storage tanker [L17] "Coastal Energy Resolution" 7° 28.5′ N 100° 36.5′ E
Moored storage tanker [L17] "Sriracha Master" 7° 31.3′ N 100° 36.4′ E
Moored storage tanker [L17] "Sriracha Eagle" 7° 34.5′ N 100° 37.2′ E
Moored storage tanker [L17] "Sriracha Leader" 7° 26.4′ N 100° 36.2′ E

Anchorage area [N12.1] bound by purple dashed-line circle, radius 1.5 miles, centered 7° 35.4′ N 100° 42.1′ E

(4(59)13 Bangkok)

★**93200** 5Ed. 8/17/13 NEW EDITION N45/13
Add Submarine cable (power) [L31.1] joining
9° 14.5′ N 99° 51.8′ E
9° 21.5′ N 99° 52.1′ E
9° 25.4′ N 99° 52.9′ E
9° 33.9′ N 99° 53.8′ E
9° 35.6′ N 99° 55.7′ E
9° 35.6′ N 100° 00.0′ E
9° 34.1′ N 100° 00.2′ E
(Previously published 41/13)
(NGA)

★**93220** 7Ed. 11/5/11 NEW EDITION 4/12
(NGA)

★**93224** 3Ed. 4/20/96 NEW EDITION 29/96
(DMA)

93224 3Ed. 4/20/96 LAST NM 29/96 41/97
Add Danger circle "Obstn" 11° 46′ 33.0″N 99° 48′ 54.0″E
11° 46′ 28.2″N 99° 48′ 54.0″E
11° 46′ 27.0″N 99° 48′ 54.0″E
11° 46′ 22.8″N 99° 48′ 57.0″E
11° 46′ 06.6″N 99° 48′ 45.6″E
11° 45′ 53.4″N 99° 48′ 43.2″E
11° 45′ 43.2″N 99° 48′ 38.4″E
11° 45′ 49.8″N 99° 48′ 21.0″E
(3(99)97 Bangkok)

93224 3Ed. 4/20/96 LAST NM 41/97 29/98
Change Visibility (range) of light to 9M 11° 47′ 39″N 99° 49′ 23″E
(Thai LL)

93224 3Ed. 4/20/96 LAST NM 29/98 8/08
Substitute Depth 0.7 meter Rk [K14.2] for
dangerous submerged rock 11° 47′ 10.7″N 99° 49′ 50.9″E
(7(77)07 Bangkok)

93224 3Ed. 4/20/96 LAST NM 8/08 34/10
Change Light to Fl 3s 129m 17M 11° 47′ 39.7″N 99° 49′ 22.2″E
(4(53)10 Bangkok)

★**93240** 12Ed. 12/10/11 NEW EDITION 13/12
(NGA)

93240 12Ed. 12/10/11 LAST NM 13/12 37/12
Add Dangerous wreck [K28] "Rep (2012)" (PA)
13° 20.3′ N 100° 24.1′ E
(6(77T)12 Bangkok)

93240 12Ed. 12/10/11 LAST NM 37/12 52/12
Add Light Oc 6s 39m 17M 13° 09.7′ N 100° 48.7′ E
(11(155)12 Bangkok)

93240 12Ed. 12/10/11 LAST NM 52/12 22/13
Delete Submarine pipeline between 13° 06.5′ N 100° 52.8′ E
13° 07.2′ N 100° 52.2′ E

Add Pilot station symbol [T1.1] 13° 07.1′ N 100° 50.8′ E
(3(34, 48)13 Bangkok)

★**93241** 10Ed. 8/25/12 NEW EDITION N10/13
Add Light Oc 6s 39m 17M 13° 09′ 42″N 100° 48′ 44″E
(NGA; 11(155)12 Bangkok)

93241 10Ed. 8/25/12 LAST NM N10/13 N22/13
Delete Submarine pipeline between 13° 06′ 35″N 100° 52′ 47″E
13° 06′ 59″N 100° 52′ 25″E

Submarine pipeline between 13° 06′ 27″N 100° 52′ 44″E
13° 06′ 31″N 100° 52′ 17″E

Depth 0.1 meter 13° 06′ 56″N 100° 52′ 33″E

Add Shellfish beds area [K47] bound by purple
dashed line joining 13° 13′ 12″N 100° 54′ 58″E
13° 13′ 12″N 100° 55′ 12″E
13° 13′ 06″N 100° 55′ 12″E
13° 13′ 06″N 100° 54′ 58″E

Shellfish beds area [K47] bound by purple
dashed line joining 13° 12′ 32″N 100° 55′ 14″E
13° 12′ 32″N 100° 55′ 27″E
13° 12′ 26″N 100° 55′ 27″E
13° 12′ 26″N 100° 55′ 14″E

Shellfish beds area [K47] bound by purple
dashed line joining 13° 12′ 24″N 100° 54′ 49″E
13° 12′ 24″N 100° 55′ 17″E
13° 12′ 07″N 100° 55′ 17″E
13° 12′ 07″N 100° 54′ 49″E

Shellfish beds area [K47] bound by purple
dashed line joining 13° 10′ 41″N 100° 54′ 03″E
13° 10′ 41″N 100° 54′ 11″E
13° 10′ 36″N 100° 54′ 11″E
13° 10′ 36″N 100° 54′ 03″E
(1(6), 3(24, 34, 48)13 Bangkok)

★**93242** 7Ed. 3/9/96 NEW EDITION 23/96
Add Dangerous wreck 13° 35′ 19.8″N 100° 35′ 33.6″E

Buoy
BYB, pillar, double cone topmark
bases together 13° 35′ 19.8″N 100° 35′ 35.4″E
YBY, pillar, double cone topmark
points together 13° 35′ 20.4″N 100° 35′ 33.0″E
(Previously published 16/96)
(DMA)

93242 7Ed. 3/9/96 LAST NM 23/96 29/96
Add Light to buoy
Q(3) 10s 13° 35′ 19.8″N 100° 35′ 35.4″E
Q(9) 15s 13° 35′ 20.4″N 100° 35′ 33.0″E
(See 23/96-93242)
(21(1770)96 Taunton)

93242 7Ed. 3/9/96 LAST NM 29/96 39/97
Delete Stranded wreck 13° 34′ 43″N 100° 34′ 44″E

Dangerous wreck and buoys (2) close N
13° 35′ 20″N 100° 35′ 35″E

Relocate Buoy
"27" close S to 13° 31′ 58″N 100° 36′ 23″E
"29" close W 13° 32′ 19″N 100° 35′ 55″E

Change Characteristic of buoy "33" to Fl G 3s
13° 33′ 00″N 100° 35′ 03″E

Add Double solid line with land tint
(T-head pier)
between 13° 33′ 41.0″N 100° 34′ 57.3″E
13° 33′ 42.0″N 100° 34′ 58.2″E

between 13° 33′ 41.1″N 100° 34′ 59.3″E
13° 33′ 43.3″N 100° 34′ 57.3″E
(Thai CH 112)

93242 7Ed. 3/9/96 LAST NM 39/97 48/97
Delete T-head pier in vicinity 13° 33′ 41″N 100° 34′ 57″E
(See 39/97-93242)

Add Double solid line with land tint
(T-head pier)
between 13° 32′ 41.0″N 100° 34′ 57.2″E
13° 32′ 42.0″N 100° 34′ 58.2″E

between 13° 32′ 41.1″N 100° 34′ 59.3″E
13° 32′ 43.3″N 100° 34′ 57.3″E
(Thai CH 112)

93242 7Ed. 3/9/96 LAST NM 48/97 46/98
Relocate Buoy
"27" (13° 31′ 58′ ′ N 100° 36′ 23′ ′ E) to
13° 31′ 58.8″N 100° 36′ 23.3″E
"29" (13° 32′ 19′ ′ N 100° 35′ 55′ ′ E)
13° 32′ 18.1″N 100° 35′ 56.6″E
"31" close E 13° 32′ 37.4″N 100° 35′ 29.8″E
"33" close E 13° 32′ 59.3″N 100° 35′ 06.0″E
(5(338)98 Bangkok)

93242 7Ed. 3/9/96 LAST NM 46/98 33/10
Change Light "G" to QY 26m 4M, QY 25m 8M
13° 33′ 16.7″N 100° 34′ 26.7″E

Light "H" to Iso Y 6s 35m 4M, Iso Y 6s 34m
9M 13° 33′ 35.3″N 100° 34′ 00.3″E

(continued on next page)

93242 (Continued) 33/10
Add Buoy "17" G, can, cone topmark, Fl G 3s
13° 32′ 19.9″N 100° 36′ 06.8″E
Buoy "18" R, can, can topmark, Fl R 3s
13° 32′ 33.3″N 100° 35′ 36.0″E
Buoy "19" G, can, cone topmark, Fl G 3s
13° 32′ 38.1″N 100° 35′ 40.1″E
Buoy "20" R, can, can topmark, Fl R 3s
13° 32′ 55.1″N 100° 35′ 10.5″E
Buoy "21" G, can, cone topmark, Fl G 3s
13° 32′ 59.5″N 100° 35′ 14.4″E
(2(32), 5(62)10 Bangkok; UKHO ARCS 999)

93242 7Ed. 3/9/96 LAST NM 33/10 41/10
Delete Buoy 13° 36′ 19.8″N 100° 35′ 27.0″E
(4(59)10 Bangkok)

★**93243** 6Ed. 3/30/96 NEW EDITION 21/96
(DMA)

93243 6Ed. 3/30/96 LAST NM 21/96 43/98
Add Lights, each L Fl Y 10s 15m 10M
"L1" 13° 41′ 31.9″N 100° 35′ 21.4″E
"L2" 13° 42′ 05.9″N 100° 34′ 47.7″E
(2(110)98 Bangkok)

93243 6Ed. 3/30/96 LAST NM 43/98 48/01
Add Dangerous wreck [K28] 13° 38′ 19.2″N 100° 32′ 04.6″E

Buoy BYB, pillar, double cone topmark
bases together, Q(3) 10s [Q130.3]
13° 38′ 19.0″N 100° 32′ 06.1″E
(18(1849)01 Taunton)

93243 6Ed. 3/30/96 LAST NM 48/01 42/02
Delete Dangerous wreck 13° 38′ 19.2″N 100° 32′ 04.6″E
Buoy 13° 38′ 19.0″N 100° 32′ 06.1″E
(Supersedes 48/01-93243)
(7(315)02 Bangkok)

93243 6Ed. 3/30/96 LAST NM 42/02 25/09
Delete Dangerous wreck and buoys (2) in vicinity
13° 42′ 21.2″N 100° 33′ 28.2″E
(Thai CH 111A)

93243 6Ed. 3/30/96 LAST NM 25/09 4/11
Add Legend "SS (Traffic)" to building
13° 42′ 08.5″N 100° 34′ 44.4″E
(UKHO ARCS 993-0)

★**93244** 8Ed. 6/24/06 NEW EDITION 39/06
(NGA)

93244 8Ed. 6/24/06 LAST NM 39/06 25/09
Delete Light 13° 03′ 50.0″N 100° 52′ 58.0″E

Submarine pipeline between
13° 07′ 11.0″N 100° 53′ 24.0″E
13° 07′ 48.0″N 100° 51′ 32.0″E

Change Designation of superbuoy to "SBM-1"
13° 07′ 48.0″N 100° 51′ 32.0″E

Characteristic of buoy to Q 13° 10′ 43.0″N 100° 49′ 02.5″E
Period of buoy to 15s 13° 09′ 32.5″N 100° 48′ 58.0″E

Shape of buoy "No 15" to conical
13° 02′ 55.0″N 100° 53′ 40.0″E
Shape of buoy "No 17" to conical
13° 03′ 06.5″N 100° 54′ 20.0″E
Characteristic of light "E" to Fl G 5s
13° 03′ 18.0″N 100° 54′ 27.0″E

Add Submarine pipeline [L40.1] joining
13° 07′ 48.0″N 100° 51′ 32.0″E
13° 07′ 50.7″N 100° 52′ 03.8″E
13° 07′ 50.6″N 100° 52′ 08.8″E
13° 07′ 49.9″N 100° 52′ 17.8″E
13° 07′ 48.7″N 100° 52′ 23.6″E
13° 07′ 46.7″N 100° 52′ 30.9″E
13° 07′ 41.3″N 100° 52′ 42.6″E
13° 07′ 37.8″N 100° 52′ 48.2″E
13° 07′ 07.7″N 100° 53′ 24.9″E

Submarine pipeline [L40.1] with legend "Oil
CAUTION NO 1" joining 13° 07′ 05.0″N 100° 53′ 20.4″E
13° 07′ 11.0″N 100° 52′ 06.0″E
13° 07′ 14.0″N 100° 51′ 38.4″E
13° 07′ 10.4″N 100° 51′ 11.4″E
13° 07′ 01.4″N 100° 50′ 46.9″E
13° 06′ 43.4″N 100° 50′ 22.3″E
13° 05′ 44.0″N 100° 49′ 36.1″E
13° 04′ 31.4″N 100° 47′ 52.3″E
13° 04′ 18.0″N 100° 46′ 47.6″E
(2(28), 3(38)08 Bangkok; BA CH 986; BA LL)

93244 8Ed. 6/24/06 LAST NM 25/09 37/09
Add Submarine cable [L30.1] joining
13° 02′ 08.9″N 100° 55′ 14.5″E
13° 01′ 56.7″N 100° 55′ 06.5″E
13° 01′ 23.9″N 100° 55′ 01.9″E
13° 01′ 06.3″N 100° 55′ 05.4″E
13° 01′ 01.3″N 100° 55′ 04.8″E
13° 00′ 49.1″N 100° 54′ 50.5″E
13° 00′ 05.8″N 100° 53′ 25.8″E
(7(99)08 Bangkok)

93244 8Ed. 6/24/06 LAST NM 37/09 33/10
Add Submarine cable (power) [L31.1] joining
13° 07′ 55.1″N 100° 48′ 55.9″E
13° 08′ 17.7″N 100° 49′ 39.4″E
13° 07′ 58.1″N 100° 50′ 35.2″E
13° 08′ 29.5″N 100° 51′ 02.4″E
13° 08′ 17.6″N 100° 52′ 34.2″E
13° 07′ 46.2″N 100° 53′ 29.2″E
13° 07′ 41.4″N 100° 53′ 46.9″E
13° 07′ 42.1″N 100° 53′ 56.8″E
(11(179)09 Bangkok)

93244 8Ed. 6/24/06 LAST NM 33/10 34/10
Change Height of light to 15m 13° 09′ 00.0″N 100° 49′ 11.8″E
(4(53)10 Bangkok)

93244 8Ed. 6/24/06 LAST NM 34/10 3/12
Change Characteristic of buoy "2" to Q(2) R 3s
13° 07′ 43.5″N 100° 52′ 24.1″E
(UKHO LL)

93244 8Ed. 6/24/06 LAST NM 3/12 26/12
Delete Light symbol 13° 09′ 34.3″N 100° 52′ 59.7″E

Add Double solid line with land tint (pier extension)
[F14] between 13° 09′ 34.5″N 100° 52′ 59.5″E
13° 09′ 39.7″N 100° 53′ 01.4″E

Dolphin [F20] 13° 09′ 42.2″N 100° 53′ 02.3″E

Legend "Rep dredged to 12.5m (2012)"
between 13° 09′ 25.0″N 100° 52′ 53.0″E
13° 10′ 00.0″N 100° 53′ 06.0″E

Legend "Rep dredged to 11.5m (2012)"
between 13° 09′ 23.0″N 100° 52′ 58.5″E
13° 09′ 58.0″N 100° 53′ 11.0″E
(NTM0015/2012)

93244 8Ed. 6/24/06 LAST NM 26/12 37/12
Add Buoy Y, conical, "X" topmark [Q130.6]
13° 08′ 04.9″N 100° 52′ 58.9″E
Buoy Y, conical, "X" topmark [Q130.6]
13° 07′ 48.9″N 100° 53′ 23.6″E
(7(97)11 Bangkok)

93244 8Ed. 6/24/06 LAST NM 37/12 52/12
Add Double solid line with land tint (pier) [F14]
joining 13° 09′ 35.8″N 100° 48′ 40.4″E
13° 09′ 42.8″N 100° 48′ 43.2″E
13° 09′ 41.8″N 100° 48′ 46.2″E

Light Oc 6s 39m 17M 13° 09′ 42.3″N 100° 48′ 43.6″E
(11(151, 155)12 Bangkok)

93244 8Ed. 6/24/06 LAST NM 52/12 22/13
Delete Submarine pipeline between
13° 06′ 34.7″N 100° 52′ 45.1″E
13° 06′ 57.4″N 100° 52′ 25.2″E

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93244 (Continued) 22/13
Submarine pipeline and platform between
13° 06′ 28.1″N 100° 52′ 44.2″E
13° 06′ 32.7″N 100° 52′ 16.4″E

Buoy 13° 06′ 48.5″N 100° 52′ 32.7″E

Change Buoy to Y, pillar, Fl Y 2.5s 13° 07′ 06.8″N 100° 51′ 58.5″E
Buoy to Y, pillar, Fl Y 2.5s 13° 06′ 45.8″N 100° 51′ 50.4″E
Buoy to "Esso Berth" Y, can
13° 06′ 53.8″N 100° 51′ 54.7″E
Color of buoy "No 4" to W 13° 06′ 51.3″N 100° 51′ 58.3″E
Color of buoy "No 5" to W 13° 06′ 47.3″N 100° 51′ 54.8″E

Add Pilot station symbol [T1.1] 13° 07′ 06.2″N 100° 50′ 48.1″E

Buoy "Marker Pipeline" Y, can [Q130.6]
13° 06′ 55.5″N 100° 51′ 57.9″E

Shellfish beds area [K47] bound by purple
dashed line joining 13° 13′ 12.3″N 100° 54′ 57.6″E
13° 13′ 12.3″N 100° 55′ 11.8″E
13° 13′ 05.9″N 100° 55′ 11.8″E
13° 13′ 05.9″N 100° 54′ 57.6″E

Shellfish beds area [K47] bound by purple
dashed line joining 13° 12′ 32.1″N 100° 55′ 14.3″E
13° 12′ 32.1″N 100° 55′ 26.5″E
13° 12′ 25.5″N 100° 55′ 26.5″E
13° 12′ 25.5″N 100° 55′ 14.3″E

Shellfish beds area [K47] bound by purple
dashed line joining 13° 12′ 23.8″N 100° 54′ 48.8″E
13° 12′ 23.8″N 100° 55′ 16.7″E
13° 12′ 06.5″N 100° 55′ 16.7″E
13° 12′ 06.5″N 100° 54′ 48.8″E

Shellfish beds area [K47] bound by purple
dashed line joining 13° 11′ 50.8″N 100° 54′ 48.2″E
13° 11′ 50.8″N 100° 55′ 25.8″E
13° 11′ 21.5″N 100° 55′ 25.8″E
13° 11′ 21.5″N 100° 54′ 48.2″E

Shellfish beds area [K47] bound by purple
dashed line joining 13° 10′ 57.6″N 100° 54′ 49.0″E
13° 10′ 57.5″N 100° 55′ 06.7″E
13° 10′ 51.2″N 100° 55′ 06.7″E
13° 10′ 51.3″N 100° 54′ 48.9″E

Shellfish beds area [K47] bound by purple
dashed line joining 13° 10′ 48.9″N 100° 54′ 33.5″E
13° 10′ 48.9″N 100° 54′ 46.5″E
13° 10′ 44.9″N 100° 54′ 46.4″E
13° 10′ 44.9″N 100° 54′ 33.3″E

Shellfish beds area [K47] bound by purple
dashed line joining 13° 10′ 40.9″N 100° 54′ 02.9″E
13° 10′ 40.9″N 100° 54′ 10.8″E
13° 10′ 36.3″N 100° 54′ 10.8″E
13° 10′ 36.3″N 100° 54′ 02.9″E

Shellfish beds area [K47] bound by purple
dashed line joining 13° 10′ 04.4″N 100° 54′ 13.9″E
13° 10′ 04.4″N 100° 54′ 21.8″E
13° 09′ 59.8″N 100° 54′ 21.8″E
13° 09′ 59.8″N 100° 54′ 13.9″E
(1(3), 3(24, 34, 48)13 Bangkok)

93244 8Ed. 6/24/06 LAST NM 22/13 37/13
Delete Submarine cable joining 13° 01′ 06.3″N 100° 55′ 05.4″E
13° 01′ 01.3″N 100° 55′ 04.8″E
13° 00′ 49.1″N 100° 54′ 50.5″E
13° 00′ 05.8″N 100° 53′ 25.8″E

Add Submarine cable [L30.1] joining
13° 01′ 06.3″N 100° 55′ 05.4″E
13° 00′ 55.4″N 100° 55′ 08.8″E
13° 00′ 50.5″N 100° 55′ 08.0″E
13° 00′ 15.4″N 100° 54′ 47.9″E
13° 00′ 05.8″N 100° 54′ 30.3″E
(6(93)13 Bangkok)

★93245 7Ed. 3/10/12 NEW EDITION N29/12
(NGA)

93245 7Ed. 3/10/12 LAST NM N29/12 N22/13
Delete Submarine pipeline between 13° 06′ 35″N 100° 52′ 47″E
13° 06′ 59″N 100° 52′ 25″E

Submarine pipeline between 13° 06′ 27″N 100° 52′ 44″E
13° 06′ 31″N 100° 52′ 17″E

Depth 0.1 meter 13° 06′ 56″N 100° 52′ 33″E
(1(6), 3(34, 48)13 Bangkok)

93245 7Ed. 3/10/12 LAST NM N22/13 N47/13
Add Note
"NOTE
Island reported 0.16 nautical mile northeast of
charted position (2013)." 12° 27′ 21″N 100° 57′ 30″E
(NTM0015/2013)

★93246 3Ed. 12/10/88 REPLACE ON ISSUE 16/89
(Previous edition canceled 46/86)
(DMAHTC)

★93246 3Ed. 12/10/88 LAST NM 16/89 5/95
(Plan B)
Delete Fishing stakes symbol in vicinity
13° 40′ 28″N 100° 31′ 32″E
13° 40′ 32″N 100° 31′ 39″E

Buoy (mooring) "5" 13° 40′ 56″N 100° 31′ 05″E

Change Designation of buoy (mooring)
"6" to "5" 13° 41′ 07″N 100° 30′ 38″E
(MCC005/95)

★93247 5Ed. 7/17/04 NEW EDITION 45/04
(NGA)

93247 5Ed. 7/17/04 LAST NM 45/04 47/05
Change Visibility (range) of light to 30M
12° 39′ 02.0″N 100° 51′ 14.5″E
(8(133)04 Bangkok)

93247 5Ed. 7/17/04 LAST NM 47/05 50/07
Delete Buoy 12° 43′ 39.0″N 100° 48′ 34.0″E
Buoy (mooring) 12° 43′ 01.0″N 100° 48′ 41.0″E
Depth 7.4 meters 12° 42′ 41.3″N 100° 48′ 24.7″E

Add Buoy (mooring) [Q40] 12° 42′ 38.4″N 100° 48′ 25.2″E
Buoy (mooring) [Q40] 12° 42′ 42.0″N 100° 48′ 24.0″E
Buoy (mooring) [Q40] 12° 40′ 08.4″N 100° 48′ 51.6″E
(9(114)06, 7(83)07 Bangkok)

93247 5Ed. 7/17/04 LAST NM 50/07 12/10
Change Light to Fl 5s 12m 6M 12° 40′ 55.5″N 100° 49′ 33.8″E
(9(127)09 Bangkok)

93247 5Ed. 7/17/04 LAST NM 12/10 31/10
Add Dangerous wreck [K28] "Rep (2009)" (PA)
12° 43′ 06.3″N 100° 49′ 48.1″E
(9(135)09 Bangkok)

93247 5Ed. 7/17/04 LAST NM 31/10 34/10
Change Height of light to 9m 12° 40′ 55.5″N 100° 49′ 33.8″E
Height of light to 171m 12° 39′ 02.0″N 100° 51′ 14.5″E
(4(53)10 Bangkok)

93247 5Ed. 7/17/04 LAST NM 34/10 5/12
Add Light Fl Y 4s to buoy 12° 43′ 37.2″N 100° 49′ 53.7″E
Light Fl Y 4s to buoy 12° 43′ 20.9″N 100° 49′ 54.0″E
(12(178)11 Bangkok)

★93248 1Ed. 6/26/04 NEW CHART 39/04
Change Light to Fl 4s 7m 6M 12° 36′ 59.0″N 100° 54′ 35.0″E
(NGA; Thai CH 115A)

93248 1Ed. 6/26/04 LAST NM 39/04 47/05
Change Visibility (range) of light to 30M
12° 39′ 02.0″N 100° 51′ 14.5″E
(8(133)04 Bangkok)

93248 1Ed. 6/26/04 LAST NM 47/05 50/07
Delete Light 12° 39′ 14.8″N 100° 53′ 55.9″E
Depth 9.2 meters 12° 38′ 33.6″N 100° 52′ 35.2″E
Buoy 12° 38′ 42.0″N 100° 51′ 24.3″E
Buoy 12° 38′ 48.0″N 100° 51′ 24.1″E
Buoy "No 1" 12° 35′ 46.6″N 100° 54′ 24.0″E
Buoy "No 2" 12° 35′ 48.0″N 100° 54′ 17.0″E

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93248 (Continued) 50/07
Relocate Buoy "Entrance Buoy" from
12° 35′ 13.1″N 100° 54′ 10.0″E to
12° 35′ 49.5″N 100° 54′ 20.8″E

Change Buoy to "No 3" G, can, cone topmark, Fl G 3s
12° 38′ 42.0″N 100° 51′ 54.0″E
Buoy to "No 4" R, can, can topmark, Fl R 5s
12° 38′ 48.0″N 100° 51′ 47.9″E
Buoy to "No 5" G, can, cone topmark, Fl G 3s
12° 38′ 48.0″N 100° 52′ 24.4″E
Buoy to "No 7" G, can, cone topmark, Fl G 3s
12° 38′ 47.8″N 100° 52′ 42.7″E

Light to Fl(2) 5s 7m 10M 12° 36′ 59.0″N 100° 54′ 35.0″E

Add Buoy (mooring) [Q40] with legend "(2 buoys)"
12° 38′ 58.2″N 100° 53′ 22.2″E

Buoy (mooring) [Q40] 12° 38′ 33.6″N 100° 52′ 34.8″E
Buoy (mooring) [Q40] 12° 38′ 49.8″N 100° 52′ 50.4″E

Buoy "No 1" G, can, cone topmark, Fl G 3s
12° 38′ 39.6″N 100° 51′ 16.0″E
Buoy "No 2" R, can, can topmark, Fl R 5s
12° 38′ 46.6″N 100° 51′ 15.0″E

Buoy BY, conical, double cone topmark
points upward [Q130.3] 12° 38′ 46.6″N 100° 51′ 15.0″E

Position circle with legend "(3 piles)"
12° 39′ 10.7″N 100° 53′ 55.3″E
(2(22, 24), 9(114)06, 9(126)07 Bangkok; Thai CH 115)

93248 1Ed. 6/26/04 LAST NM 50/07 26/09
Delete Dangerous submerged rock, dotted-line circle
and buoy in vicinity 12° 39′ 22.8″N 100° 53′ 57.5″E
(4(60)09 Bangkok)

93248 1Ed. 6/26/04 LAST NM 26/09 35/09
Relocate Buoy "No 6" from
12° 36′ 54.0″N 100° 54′ 38.0″E to
12° 36′ 52.0″N 100° 54′ 37.0″E
(10(142)08 Bangkok)

93248 1Ed. 6/26/04 LAST NM 35/09 11/10
Change Light to Fl 4s 9m 10M 12° 37′ 04.9″N 100° 54′ 49.8″E
(8(126)09 Bangkok)

93248 1Ed. 6/26/04 LAST NM 11/10 32/10
Change Designation of buoy "No 3" to "No 1"
12° 36′ 18.4″N 100° 54′ 33.7″E
Designation of buoy "No 4" to "No 2"
12° 36′ 20.3″N 100° 54′ 27.9″E
Designation of buoy "No 5" to "No 3"
12° 36′ 52.2″N 100° 54′ 43.8″E
Designation of buoy "No 6" to "No 4"
12° 36′ 52.0″N 100° 54′ 37.0″E
Designation of buoy "No 8" to "No 6"
12° 37′ 22.3″N 100° 54′ 32.9″E
Designation of buoy "No 10" to "No 8"
12° 37′ 50.3″N 100° 54′ 35.9″E
(1(13)10 Bangkok)

93248 1Ed. 6/26/04 LAST NM 32/10 34/10
Change Height of light to 171m 12° 39′ 02.0″N 100° 51′ 14.5″E
Height of light to 58m 12° 36′ 13.6″N 100° 55′ 01.7″E
Height of light to 11m 12° 38′ 39.1″N 100° 51′ 29.0″E
Height of light to 14m 12° 36′ 59.0″N 100° 54′ 35.0″E
(4(53)10 Bangkok)

93248 1Ed. 6/26/04 LAST NM 34/10 43/11
Delete Buoy 12° 38′ 46.6″N 100° 51′ 15.0″E
Note: Buoy "No 2" remains

Buoy "No 7" 12° 38′ 47.8″N 100° 52′ 42.7″E

Change Characteristic of buoy "No 3" to Oc G 3s
12° 38′ 42.0″N 100° 51′ 54.0″E
Characteristic of buoy "No 5" to Oc G 3s
12° 38′ 48.0″N 100° 52′ 24.4″E

Add Buoy BY, conical, double cone topmark
points upward [Q130.3] 12° 38′ 46.6″N 100° 52′ 25.4″E

Buoy "No 7" G, conical, cone topmark,
Oc G 3s 12° 38′ 48.0″N 100° 52′ 42.0″E
(8(117, 124)11 Bangkok; Thai CH 115)

93248 1Ed. 6/26/04 LAST NM 43/11 22/13
Delete Buoy "No 4" 12° 38′ 48.0″N 100° 51′ 47.9″E

Add Buoy "No 4" R, pillar, can topmark, Oc R 3s
12° 38′ 51.0″N 100° 51′ 51.0″E
(12(164)12 Bangkok)

★93249 1Ed. 7/15/06 NEW CHART 39/06
(NGA)

93249 1Ed. 7/15/06 LAST NM 39/06 50/07
Add Buoy (mooring) [Q40] 12° 56′ 49.8″N 100° 47′ 32.4″E
Buoy (mooring) [Q40] 12° 54′ 49.2″N 100° 45′ 57.0″E

Submarine cable [L30.1] joining
13° 02′ 05.8″N 100° 54′ 29.0″E
13° 02′ 00.6″N 100° 53′ 53.9″E
13° 01′ 30.1″N 100° 53′ 46.0″E
12° 59′ 30.0″N 100° 48′ 43.0″E
13° 02′ 05.8″N 100° 46′ 27.0″E

Depth 9.1 meters Wk [K26]
12° 57′ 07.3″N 100° 47′ 55.6″E

Buoy Y, pillar, "X" topmark, Fl Y 5s [Q130.6]
12° 57′ 02.4″N 100° 47′ 51.2″E
(9(114), 11(122)06, 8(99)07 Bangkok)

93249 1Ed. 7/15/06 LAST NM 50/07 30/09
Change Characteristic of buoy to VQ(3) 15s
12° 55′ 27.0″N 100° 49′ 47.5″E
(8(106)08 Bangkok)

93249 1Ed. 7/15/06 LAST NM 30/09 37/09
Add Submarine cable [L30.1] joining
13° 02′ 05.8″N 100° 55′ 12.0″E
13° 01′ 56.7″N 100° 55′ 06.5″E
13° 01′ 23.9″N 100° 55′ 01.9″E
13° 01′ 06.3″N 100° 55′ 05.4″E
13° 01′ 01.3″N 100° 55′ 04.8″E
13° 00′ 49.1″N 100° 54′ 50.5″E
12° 59′ 10.0″N 100° 51′ 42.5″E
12° 59′ 20.6″N 100° 48′ 42.4″E
12° 59′ 35.4″N 100° 47′ 51.4″E
12° 59′ 51.5″N 100° 45′ 47.6″E
(7(99)08 Bangkok)

93249 1Ed. 7/15/06 LAST NM 37/09 33/10
Add Submarine cable (power) [L31.1] joining
12° 54′ 36.9″N 100° 46′ 57.6″E
12° 54′ 18.6″N 100° 51′ 31.8″E
12° 54′ 21.5″N 100° 51′ 35.2″E
(11(179)09 Bangkok)

93249 1Ed. 7/15/06 LAST NM 33/10 34/10
Change Light to Fl(3) WR 10s 13m 10/8M
12° 56′ 46.8″N 100° 51′ 29.2″E
(4(53)10 Bangkok)

93249 1Ed. 7/15/06 LAST NM 34/10 37/12
Add Buoy Y, conical, "X" topmark [Q130.6]
12° 54′ 37.5″N 100° 47′ 04.5″E
Buoy Y, conical, "X" topmark [Q130.6]
12° 54′ 35.0″N 100° 47′ 09.4″E
Buoy Y, conical, "X" topmark [Q130.6]
12° 54′ 35.6″N 100° 47′ 18.1″E
Buoy Y, conical, "X" topmark [Q130.6]
12° 54′ 19.5″N 100° 51′ 24.9″E
(7(97)11 Bangkok)

93249 1Ed. 7/15/06 LAST NM 37/12 37/13
Delete Submarine cable joining 13° 01′ 06.3″N 100° 55′ 05.4″E
12° 59′ 10.0″N 100° 51′ 42.5″E
12° 59′ 51.5″N 100° 45′ 47.6″E

(continued on next page)

93249 (Continued) 37/13
Add Submarine cable [L30.1] joining
13° 01′ 06.3″N 100° 55′ 05.4″E
13° 00′ 55.4″N 100° 55′ 08.8″E
13° 00′ 50.5″N 100° 55′ 08.0″E
13° 00′ 15.4″N 100° 54′ 47.9″E
12° 58′ 48.6″N 100° 52′ 03.6″E
12° 59′ 10.6″N 100° 48′ 56.0″E
12° 59′ 16.2″N 100° 48′ 28.4″E
12° 59′ 25.4″N 100° 47′ 32.3″E
12° 59′ 29.5″N 100° 46′ 24.0″E
12° 59′ 34.4″N 100° 45′ 47.6″E
(6(93)13 Bangkok)

★**93260** 9Ed. 10/8/11 NEW EDITION 6/12
Add Dangerous wreck [K28] (PA) 12° 37′ 18″N 101° 17′ 24″E
(Previously published 43/11)
(NGA)

93260 9Ed. 10/8/11 LAST NM 6/12 8/12
Add Depth 0.9 meter Rk [K14.2] 12° 01′ 25″N 102° 16′ 50″E
(1(12)12 Bangkok)

93260 9Ed. 10/8/11 LAST NM 8/12 22/13
Add Rock which covers and uncovers
with drying height 2.5 meters [K11]
12° 37′ 28″N 101° 33′ 25″E
(1(9)13 Bangkok)

93260 9Ed. 10/8/11 LAST NM 22/13 40/13
Change Light to Fl 4s 3m 7M 12° 38′ 55″N 101° 08′ 55″E
(2(23)13 Bangkok)

93260 9Ed. 10/8/11 LAST NM 40/13 47/13
Add Note
"NOTE
Island reported 0.16 nautical mile southwest of
charted position (2013)." 12° 28′ 49″N 100° 56′ 38″E
(NTM0015/2013)

★**93261** 5Ed. 3/7/98 NEW EDITION 24/98
(NIMA)

93261 5Ed. 3/7/98 LAST NM 24/98 43/98
Delete "Anchorage Area" in vicinity 12° 35.0′ N 101° 13.3′ E

Relocate Buoy close S to 12° 29′ 40″N 101° 10′ 05″E
and add designation "A"

Add "Anchorage Area" bound by dashed-line
circle, radius 1 mile, centered 12° 35′ 06″N 101° 13′ 17″E

"RESTRICTED AREA" bound by purple
composite-line circle, radius 1 mile,
centered 12° 29′ 20″N 101° 11′ 45″E

Designation to buoy
"B" 12° 29′ 48″N 101° 12′ 14″E
"C" 12° 38′ 20″N 101° 09′ 24″E
"E" 12° 36′ 23″N 101° 09′ 47″E
"F" 12° 34′ 25″N 101° 10′ 22″E
(4(194), 5(272)98 Bangkok)

93261 5Ed. 3/7/98 LAST NM 43/98 18/99
Add Double solid line with land tint
(pier extension)
between 12° 38′ 18.0″N 101° 18′ 22.0″E
12° 38′ 12.0″N 101° 18′ 16.5″E

between 12° 38′ 07.0″N 101° 18′ 12.0″E
12° 38′ 15.5″N 101° 18′ 21.0″E

Dashed line with legend
"RECOMMENDED ROUTE
(Least Depth Rep 17m (1997)"
between 12° 32′ 43.0″N 101° 15′ 35.0″E
12° 38′ 09.0″N 101° 18′ 15.0″E

"DRY CARGO ANCHORAGE" area bound by
dashed line joining 12° 35′ 44.0″N 101° 14′ 39.0″E
12° 35′ 44.0″N 101° 15′ 53.0″E
12° 33′ 52.0″N 101° 15′ 53.0″E
12° 33′ 52.0″N 101° 14′ 39.0″E

"PETROLEUM ANCHORAGE" area bound
by dashed line joining 12° 30′ 38.0″N 101° 16′ 19.0″E
12° 30′ 38.0″N 101° 19′ 52.0″E
12° 29′ 08.0″N 101° 19′ 52.0″E
12° 29′ 08.0″N 101° 16′ 19.0″E

Legend "Rayong Oil Terminal"
12° 38′ 50.0″N 101° 19′ 09.0″E
(GIMM019/99)

93261 5Ed. 3/7/98 LAST NM 18/99 52/99
Delete Light 12° 39′ 30″N 101° 09′ 27″E
Buoy 12° 38′ 20″N 101° 09′ 26″E
(39(3537)98 Taunton)

93261 5Ed. 3/7/98 LAST NM 52/99 22/00
Delete Buoy 12° 36′ 06″N 101° 26′ 03″E

Add Rock awash [K12] 12° 33′ 48″N 101° 27′ 39″E
(9(461), 12(593)99 Bangkok)

93261 5Ed. 3/7/98 LAST NM 22/00 23/00
Delete Buoy 12° 36′ 58″N 101° 26′ 47″E

Change Light to Fl 3s 8m 8M 12° 35′ 41″N 100° 57′ 55″E

Add Buoy BYB, conical, double cone topmark
bases together, Q(3) 10s 12° 33′ 35″N 101° 28′ 04″E
Buoy YBY, conical, double cone topmark
points together, VQ(9) 10s 12° 36′ 06″N 101° 26′ 06″E
(12(649, 650, 652)99 Bangkok)

93261 5Ed. 3/7/98 LAST NM 23/00 27/00
Add "Works in progress (1998)" area with land tint
[F31] bound by shore and dashed line joining
12° 39′ 43″N 101° 09′ 30″E
12° 39′ 43″N 101° 10′ 00″E
12° 38′ 23″N 101° 10′ 00″E
12° 38′ 23″N 101° 09′ 25″E
12° 39′ 27″N 101° 09′ 25″E

Legend "Less Water Rep (1998)" between
12° 38′ 58″N 101° 09′ 00″E
12° 38′ 38″N 101° 09′ 05″E
(41(3712)98 Taunton)

93261 5Ed. 3/7/98 LAST NM 27/00 44/01
Add Dangerous wreck [K28] 12° 31′ 58″N 100° 57′ 22″E

Buoy, spherical, ball topmark, Fl 3s 6M
12° 30′ 44″N 101° 14′ 54″E
Buoy "1" G, spherical, cone topmark, Fl G
12° 31′ 28″N 101° 15′ 20″E
Buoy "2" R, spherical, can topmark, Fl R
12° 32′ 19″N 101° 15′ 23″E
Buoy "3" G, spherical, cone topmark, Fl G
12° 32′ 55″N 101° 15′ 58″E
Buoy "4" R, spherical, can topmark, Fl R
12° 33′ 47″N 101° 16′ 02″E
Buoy "5" G, spherical, cone topmark, Fl G
12° 34′ 25″N 101° 16′ 39″E
Buoy "6" R, spherical, can topmark, Fl R
12° 35′ 17″N 101° 16′ 41″E
Buoy "7" G, spherical, cone topmark, Fl G
12° 35′ 54″N 101° 17′ 18″E
Buoy "8" R, spherical, can topmark, Fl R
12° 36′ 46″N 101° 17′ 22″E
Buoy "9" G, spherical, cone topmark, Fl G
12° 37′ 25″N 101° 17′ 58″E
Buoy "10" R, spherical, can topmark, Fl R
12° 37′ 32″N 101° 17′ 41″E
(2(114), 9(458)00 Bangkok)

93261 5Ed. 3/7/98 LAST NM 44/01 31/02
Add Dashed-line circle "Marine Farm"
12° 38′ 30″N 101° 11′ 24″E
Dashed-line circle "Marine Farm"
12° 38′ 18″N 101° 05′ 12″E
(7(348)99 Bangkok)

93261 5Ed. 3/7/98 LAST NM 31/02 7/03
Change Period of superbuoy SPM to 15s
12° 29′ 20″N 101° 11′ 46″E
(9(348)02 Bangkok)

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93261 5Ed. 3/7/98 LAST NM 7/03 47/03
Add "Marine farm" area bound by dashed line joining 12° 39′ 07″N 101° 03′ 44″E
12° 39′ 07″N 101° 04′ 50″E
12° 38′ 51″N 101° 04′ 50″E
12° 38′ 51″N 101° 03′ 44″E
(5(65)03 Bangkok)

93261 5Ed. 3/7/98 LAST NM 47/03 32/04
Add Pilot station symbol [T1.2] with legend "Map Ta Phut Port" 12° 36′ 06″N 101° 09′ 48″E

Legend "Map Ta Phut" 12° 35′ 06″N 101° 13′ 18″E
(9(109)03 Bangkok)

93261 5Ed. 3/7/98 LAST NM 32/04 44/05
Change Legend "Restricted Area" to "SPM Terminal" 12° 29′ 20″N 101° 11′ 45″E

Add Color Or to "SPM" buoy 12° 29′ 20″N 101° 11′ 45″E
(7(116)04 Bangkok)

93261 5Ed. 3/7/98 LAST NM 44/05 52/07
Substitute Depth 13.9 meters Wk [K26] for dangerous wreck 12° 31′ 58″N 100° 57′ 22″E
(44(4284)00 Taunton)

93261 5Ed. 3/7/98 LAST NM 52/07 3/08
Add Buoy (mooring) [Q40] Or, Fl 4s 12° 30′ 00″N 101° 12′ 19″E
(7(721)01 Taunton)

93261 5Ed. 3/7/98 LAST NM 3/08 8/08
Delete Buoy 12° 34′ 24″N 101° 22′ 48″E
Buoy 12° 35′ 54″N 101° 21′ 49″E

Submarine pipeline between 12° 38′ 24″N 101° 09′ 26″E
12° 39′ 30″N 101° 09′ 27″E

Add Buoy YB, conical, double cone topmark points downward, VQ(6) + L Fl 10s [Q130.3] 12° 34′ 29″N 101° 22′ 38″E

Buoy BY, conical, double cone topmark points upward, Q [Q130.3] 12° 35′ 56″N 101° 21′ 52″E
(3(33), 6(62)07 Bangkok)

93261 5Ed. 3/7/98 LAST NM 8/08 24/08
Delete Range lights (2) and range line between 12° 40′ 42″N 101° 08′ 08″E
12° 39′ 27″N 101° 08′ 52″E

Range light, front 12° 40′ 13″N 101° 08′ 40″E

Change Range light, rear to range light, front "No 18" Iso G 6s 27m 7M 12° 40′ 32″N 101° 08′ 34″E

Add Range light, rear "No 19" QG 53m 8M 12° 41′ 22″N 101° 08′ 21″E

Dashed line (range line) between 12° 41′ 22″N 101° 08′ 21″E
12° 40′ 32″N 101° 08′ 34″E

Land tint to area bound by shore and solid line between 12° 40′ 25″N 101° 09′ 05″E
12° 40′ 25″N 101° 08′ 19″E
and delete depth, depth contours, buoy and blue tint within above area
(BA LL; BA CH 3724)

93261 5Ed. 3/7/98 LAST NM 24/08 28/09
Delete Purple dashed line and legend "Anchorage Prohibited" in vicinity 12° 30′ 30″N 101° 05′ 12″E

Purple dashed line in vicinity 12° 30′ 30″N 101° 05′ 46″E

Dashed line and legend "RECOMMENDED ROUTE (Least Depth Rep 17m (1997)" in vicinity 12° 35′ 30″N 101° 16′ 56″E

Relocate Buoy "2" from 12° 32′ 19″N 101° 15′ 23″E to 12° 32′ 36″N 101° 15′ 22″E
Buoy "4" from 12° 33′ 47″N 101° 16′ 02″E to 12° 33′ 46″N 101° 15′ 54″E
Buoy "6" from 12° 35′ 17″N 101° 16′ 41″E to 12° 35′ 26″N 101° 16′ 37″E
Buoy "7" from 12° 35′ 54″N 101° 17′ 18″E to 12° 36′ 01″N 101° 17′ 16″E
Buoy "8" from 12° 36′ 46″N 101° 17′ 22″E to 12° 36′ 47″N 101° 17′ 16″E
Buoy "9" from 12° 37′ 25″N 101° 17′ 58″E to 12° 37′ 31″N 101° 17′ 56″E
Buoy "10" from 12° 37′ 32″N 101° 17′ 41″E to 12° 37′ 38″N 101° 17′ 38″E

Change Legend to "Thai Petrochemical Industry Port (TPI Port)" 12° 38′ 50″N 101° 19′ 09″E

Add Submarine pipeline [L40.1] with legend "GAS (see Note)" joining 12° 40′ 38″N 101° 07′ 41″E
12° 38′ 20″N 101° 06′ 12″E
12° 33′ 09″N 101° 04′ 28″E
12° 24′ 06″N 101° 02′ 33″E

Submarine pipeline [L40.1] with legend "GAS (see Note)" joining 12° 40′ 39″N 101° 07′ 32″E
12° 36′ 39″N 101° 04′ 38″E
12° 24′ 06″N 101° 01′ 59″E

Pilot station symbol [T1.1] 12° 31′ 24″N 101° 15′ 42″E
Light Fl R 6s 12° 38′ 05″N 101° 18′ 05″E

Range light, front QG 30m 12M 12° 38′ 56″N 101° 18′ 22″E

Range light, rear Iso G 6s 50m 12M 12° 39′ 37″N 101° 18′ 40″E

Range line extending in 203° direction from above rear light
dashed for 2 miles, thence
solid for 7 miles

Legend "Lts in line 023°" along above range line 12° 32′ 00″N 101° 15′ 19″E
(7(77)06, 1(1-3)08 Bangkok; BA LL; BA CH 3966)

93261 5Ed. 3/7/98 LAST NM 28/09 35/09
Change Height of light to 142m 12° 31′ 00″N 100° 57′ 20″E
(BA LL)

93261 5Ed. 3/7/98 LAST NM 35/09 27/10
Add "Marine Farm" area bound by dashed line joining 12° 30′ 45″N 101° 28′ 30″E
12° 30′ 45″N 101° 29′ 30″E
12° 30′ 30″N 101° 29′ 30″E
12° 30′ 30″N 101° 28′ 30″E
(10(157)09 Bangkok)

93261 5Ed. 3/7/98 LAST NM 27/10 34/10
Change Height of light to 20m 12° 39′ 44″N 101° 16′ 08″E
Height of light to 100m 12° 34′ 43″N 101° 26′ 52″E
(4(53)10 Bangkok)

93261 5Ed. 3/7/98 LAST NM 34/10 21/11
Add "Marine Farm" area bound by dashed line joining 12° 31′ 00″N 101° 20′ 00″E
12° 31′ 00″N 101° 24′ 00″E
12° 30′ 00″N 101° 24′ 00″E
12° 30′ 00″N 101° 20′ 00″E
(3(27)11 Bangkok)

93261 5Ed. 3/7/98 LAST NM 21/11 30/11
Delete Light and sector limits 12° 39′ 44″N 101° 16′ 08″E
(See 34/10-93261)

Add Light Fl(3) 15s 15m 12° 39′ 23″N 101° 16′ 35″E
(5(72)11 Bangkok)

93261 5Ed. 3/7/98 LAST NM 30/11 43/11
Add Dangerous wreck [K28] (PA) 12° 37′ 18″N 101° 17′ 24″E
(8(113T)11 Bangkok)

93261 5Ed. 3/7/98 LAST NM 43/11 22/13
Add Islet [K10] 12° 39′ 27″N 101° 05′ 32″E
Islet [K10] 12° 39′ 15″N 101° 05′ 31″E
Islet [K10] 12° 38′ 44″N 101° 05′ 44″E

Rock which covers and uncovers [K11] 12° 39′ 29″N 101° 05′ 43″E

(continued on next page)

93261 (Continued) 22/13
Rock which covers and uncovers [K11]
12° 39′ 07″N 101° 06′ 01″E
and enclose above islets (3) and rocks (2) with dotted line (limiting danger line)

Depth 3.4 meters Rk [K14.2] 12° 37′ 06″N 101° 05′ 15″E
(9(115)12 Bangkok)

93261 5Ed. 3/7/98 LAST NM 22/13 41/13
Add Chartlet, depicting changes in hydrography, topography and aids to navigation, from Subsection I-2 12° 40′ 00″N 101° 09′ 00″E
(2(23)13 Bangkok; UKHO ARCS 3724-2)

★93280 5Ed. 7/15/06 NEW EDITION 40/06
(NGA)

93280 5Ed. 7/15/06 LAST NM 40/06 32/10
Add "Marine farm" area bound by dashed line joining
11° 41′ 00″N 102° 37′ 00″E
11° 41′ 00″N 102° 37′ 15″E
11° 40′ 00″N 102° 37′ 15″E
11° 40′ 00″N 102° 37′ 00″E
(11(165)09 Bangkok)

93280 5Ed. 7/15/06 LAST NM 32/10 34/10
Change Height of light to 58m 11° 46′ 35″N 102° 53′ 10″E
Height of light to 207m 11° 34′ 06″N 102° 35′ 14″E
(4(53)10 Bangkok)

93280 5Ed. 7/15/06 LAST NM 34/10 8/11
Delete Buoy "A" 10° 39′ 06″N 103° 29′ 00″E
Buoy "KS" 10° 36′ 36″N 103° 28′ 48″E
(NTM0005/2011)

93280 5Ed. 7/15/06 LAST NM 8/11 10/11
Change Height of light to 140m 9° 18′ 09″N 103° 29′ 06″E
(UKHO LL)

★93283 5Ed. 9/17/11 NEW EDITION 44/11
(NGA)

★93284 5Ed. 10/1/11 NEW EDITION 44/11
(NGA)

★93300 6Ed. 5/27/06 NEW EDITION 32/06
(NGA)

93300 6Ed. 5/27/06 LAST NM 32/06 10/11
Change Height of light to 140m 9° 17′ 33″N 103° 28′ 30″E
(UKHO LL)

★93301 6Ed. 5/20/06 NEW EDITION 42/06
(NGA)

93301 6Ed. 5/20/06 LAST NM 42/06 8/11
Delete Buoy "Thmar Dos" 10° 39′ 06″N 103° 28′ 48″E
Buoy "S Koh Pos" 10° 36′ 36″N 103° 28′ 48″E
(NTM0005/2011)

★93320 4Ed. 8/26/06 NEW EDITION 45/06
(NGA)

★93340 4Ed. 11/8/80 NEW EDITION 4/81
(DMAHTC)

93340 4Ed. 11/8/80 LAST NM 4/81 10/91
Change Characteristic of light to Fl(3) 10s 8° 39.9′ N 106° 42.6′ E
(BA LL)

93340 4Ed. 11/8/80 LAST NM 10/91 4/11
Add Dangerous wreck [K28] (PA) 8° 41′ 00″N 105° 33′ 42″E
(NTM0001/2011)

93340 4Ed. 11/8/80 LAST NM 4/11 12/13
Change Light to Fl(2) 10s 696ft 27M 8° 39.9′ N 106° 42.6′ E
Add Light Fl 5s 56ft 12M 8° 39.3′ N 106° 35.5′ E
(US CH 93342)

★93342 6Ed. 11/24/12 NEW EDITION N12/13
(NGA)

★93360 5Ed. 8/24/70 NEW EDITION 42/70
(USNOO)

★93360 5Ed. 8/24/70 LAST NM 42/70 45/70
Add Legend "Missing" to buoy "1" 9° 28.2′ N 106° 32.5′ E
(RS10827/70)

★93360 5Ed. 8/24/70 LAST NM 45/70 4/71
Add Dangerous wreck 9° 47.7′ N 106° 47.8′ E
(RS06401/70)

★93360 5Ed. 8/24/70 LAST NM 4/71 9/71
Add Dangerous wreck (Mast) "Rep (1971)"
9° 27.8′ N 106° 31.9′ E
(RS6545/71)

93360 5Ed. 8/24/70 LAST NM 9/71 44/72
Delete Wreck 10° 14′ N 107° 05′ E
(US CH 93385)

93360 5Ed. 8/24/70 LAST NM 44/72 51/72
Add Depth 5 fathoms 9° 18′ 50″N 107° 34′ 40″E
(RS4146/72)

93360 5Ed. 8/24/70 LAST NM 51/72 25/75
Delete R Bn (AERO) 10° 21.7′ N 107° 05.1′ E
(RS1847/75)

★93360 5Ed. 8/24/70 LAST NM 25/75 30/75
Add Depth 7 fathoms Rep (1975) 10° 10.8′ N 107° 23.6′ E
(RS1940/75)

93360 5Ed. 8/24/70 LAST NM 30/75 33/75
Delete All reference to Loran-C Rates 5970-Y (SH3-Y) and 5970-Z (SH3-Z)
Note: Stations permanently discontinued.
(RS 2164/75)

93360 5Ed. 8/24/70 LAST NM 33/75 33/87
Change Period of light to 10s 10° 19.8′ N 107° 04.9′ E
(BA LL)

93360 5Ed. 8/24/70 LAST NM 33/87 42/93
Add Racon at light 10° 19.9′ N 107° 04.9′ E
(BA RA)

93360 5Ed. 8/24/70 LAST NM 42/93 6/99
Add Depth 7 fathoms 3 feet Wk marked close E by buoy BRB, pillar, double ball topmark, Fl(2) 5s 10° 18.0′ N 107° 22.4′ E
(32(2847)98 Taunton)

93360 5Ed. 8/24/70 LAST NM 6/99 15/99
Add Submarine pipeline with legend "Gas SEE NOTE" between
10° 22.6′ N 107° 15.6′ E
10° 05.0′ N 107° 36.0′ E

Note "PIPELINES
Gas from a damaged oil or gas pipeline could cause an explosion or some other serious hazard. Pipelines are not always buried and their presence may effectively reduce the charted depth by as much as 2 meters. Where pipelines are close together, only one may be charted. Mariners should not anchor or trawl in the vicinity of a pipeline; they may risk prosecution if damage is caused."
10° 38.0′ N 107° 27.0′ E
(20(1747)98 Taunton)

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93360 5Ed. 8/24/70 LAST NM 15/99 38/02
Add Submarine pipeline with legend "Gas SEE NOTE" joining 10° 22′ 45″N 107° 15′ 01″E
10° 19′ 35″N 107° 16′ 05″E
10° 15′ 12″N 107° 19′ 15″E
10° 02′ 16″N 107° 27′ 01″E
9° 55′ 57″N 107° 34′ 46″E
9° 54′ 30″N 107° 36′ 00″E
(29(3075)02 Taunton)

93360 5Ed. 8/24/70 LAST NM 38/02 50/13
Add Submarine cable [L30.1] joining
10° 20′ 53″N 107° 06′ 28″E
10° 15′ 48″N 107° 15′ 35″E
9° 52′ 01″N 107° 29′ 43″E
9° 41′ 15″N 107° 36′ 00″E
(5(78)10 Port Klang)

★93385 7Ed. 11/17/12 NEW EDITION N8/13
(NGA)

★93404 7Ed. 1/19/13 NEW EDITION N22/13
(NGA)

★93405 4Ed. 6/20/98 NEW EDITION 36/98
Add Caution note to Title Block in upper left quadrant of chart
"CAUTION
Differences in latitude and longitude may exist between this and other charts of the area; therefore, the transfer of positions from one chart to another should be done by ranges and bearings from common features."
(NIMA)

93405 4Ed. 6/20/98 LAST NM 36/98 41/98
Delete Caution note from Title Block in upper left quadrant of chart
(See 36/98-93405)
(NIMA)

93405 4Ed. 6/20/98 LAST NM 41/98 7/99
Add Caution note to Title Block in upper left quadrant of chart
"CAUTION
Caution is advised as the depths in the channels leading to Thanh Pho Ho Chi Minh (Saigon) are subject to change. Buoys and other aids to navigation may be moved to meet changes in the channel without prior notice."
(38(3429)98 Taunton)

★93406 5Ed. 3/2/13 NEW EDITION N24/13
(NGA)

★93420 5Ed. 8/31/13 NEW EDITION N4/14
(NGA)

★93440 4Ed. 8/24/85 NEW EDITION 47/85
(DMAHTC)

93440 4Ed. 8/24/85 LAST NM 47/85 2/87
Change Characteristic of light to Fl(2+1) 10s
11° 21.5′ N 109° 01.1′ E
(39(2834)86 Taunton)

93440 4Ed. 8/24/85 LAST NM 2/87 10/91
Change Period of light to 16s 11° 21.5′ N 109° 01.1′ E
(BA LL)

93440 4Ed. 8/24/85 LAST NM 10/91 27/95
Add R Bn (AERO) at light 10° 55.0′ N 108° 06.8′ E
(BA RA; BA CH 3986)

93440 4Ed. 8/24/85 LAST NM 27/95 18/02
Delete R Bn (AERO) at light 10° 54′ 57″N 108° 06′ 42″E
(BA RA)

93440 4Ed. 8/24/85 LAST NM 18/02 15/12
Add Pilot station symbol [T1.1] 11° 48′ 18″N 109° 13′ 48″E
(NTM0010/2012)

★93442 3Ed. 10/25/97 NEW EDITION 4/98
(Plan A)
Add Buoy B, pillar, Fl 2½s 11° 32′ 27″N 109° 04′ 28″E

Legend "Reef extending SE rep (1970)"
between 11° 32′ 52″N 109° 02′ 31″E
11° 32′ 34″N 109° 02′ 17″E
(NIMA; GIMM071/97)

★93446 7Ed. 6/20/98 NEW EDITION 40/98
Change BUOYAGE note to "CAUTION
Differences in latitude and longitude may exist between this and other charts of the area; therefore, the transfer of positions from one chart to another should be done by bearings and ranges from common features." 11° 58.4′ N 109° 08.3′ E
(NIMA)

★93446 7Ed. 6/20/98 LAST NM 40/98 15/12
Delete Buoy 11° 48′ 34.0″N 109° 13′ 28.0″E

Add Pilot station symbol [T1.1] 11° 48′ 18.0″N 109° 13′ 48.0″E

Buoy "0" RW, pillar, ball topmark, Mo(A)
[Q130.5] 11° 48′ 19.3″N 109° 13′ 14.8″E

Buoy "1" G, pillar, cone topmark, Fl G 4s
11° 49′ 25.0″N 109° 12′ 47.0″E
Buoy "2" R, pillar, can topmark, Fl R 4s
11° 49′ 20.0″N 109° 12′ 28.0″E
Buoy "3" G, pillar, cone topmark, Fl G 4s
11° 50′ 27.9″N 109° 12′ 30.1″E
Buoy "4" R, pillar, can topmark, Fl R 4s
11° 50′ 22.9″N 109° 12′ 11.0″E
Buoy "5" G, pillar, cone topmark, Fl G 4s
11° 51′ 30.8″N 109° 12′ 13.3″E
Buoy "6" R, pillar, can topmark, Fl R 4s
11° 51′ 25.9″N 109° 11′ 54.2″E
Buoy "7" G, pillar, cone topmark, Fl G 4s
11° 52′ 59.2″N 109° 11′ 20.9″E
Buoy "8" R, pillar, can topmark, Fl R 4s
11° 52′ 41.2″N 109° 11′ 34.1″E
Buoy "9" G, pillar, cone topmark, Fl G 4s
11° 52′ 59.5″N 109° 09′ 58.3″E
Buoy "10" R, pillar, can topmark, Fl R 4s
11° 52′ 35.7″N 109° 09′ 58.3″E
Buoy "11" G, pillar, cone topmark, Fl G 4s
11° 53′ 35.1″N 109° 09′ 09.9″E
Buoy "12" R, pillar, can topmark, Fl R 4s
11° 53′ 27.3″N 109° 09′ 03.9″E
Buoy "B1" G, pillar, cone topmark, Fl G 4s
11° 53′ 44.4″N 109° 11′ 27.1″E
Buoy "B2" R, pillar, can topmark, Fl R 4s
11° 53′ 41.2″N 109° 11′ 15.1″E
Buoy "B3" G, pillar, cone topmark, Fl G 4s
11° 54′ 30.0″N 109° 11′ 09.4″E
Buoy "B4" R, pillar, can topmark, Fl R 4s
11° 54′ 26.8″N 109° 10′ 57.4″E
Buoy "B5" G, pillar, cone topmark, Fl G 4s
11° 55′ 15.6″N 109° 10′ 52.7″E
Buoy "B6" R, pillar, can topmark, Fl R 4s
11° 55′ 12.4″N 109° 10′ 39.7″E

Buoy "X1" Y, pillar, "X" topmark, Fl Y 4s
[Q130.6] 11° 55′ 20.9″N 109° 10′ 29.8″E
Buoy "X2" Y, pillar, "X" topmark, Fl Y 4s
[Q130.6] 11° 55′ 50.5″N 109° 11′ 09.5″E

Buoy "12A" R, pillar, "X" topmark, Fl Y 4s
11° 53′ 36.5″N 109° 08′ 43.3″E
Buoy "12B" R, pillar, "X" topmark, Fl Y 4s
11° 53′ 40.5″N 109° 08′ 46.1″E

Land tint to area bound by shore and solid line
[F13] joining 11° 53′ 38.1″N 109° 07′ 26.0″E
11° 53′ 35.8″N 109° 07′ 34.3″E
11° 53′ 23.3″N 109° 07′ 30.7″E
11° 53′ 25.1″N 109° 07′ 24.5″E

Double solid line with land tint (pier) [F14]
between 11° 53′ 24.5″N 109° 07′ 31.0″E
11° 53′ 09.0″N 109° 08′ 11.6″E

Buoy Y, pillar, "X" topmark, Fl Y 4s [Q130.6]
11° 52′ 34.2″N 109° 10′ 38.4″E

(continued on next page)

93446 (Continued) 15/12
Buoy G, pillar, cone topmark, Fl G 4s
11° 53′ 39.6″N 109° 11′ 35.4″E
Buoy G, pillar, cone topmark, Fl G 4s
11° 53′ 00.6″N 109° 08′ 46.8″E
Buoy G, pillar, cone topmark, Fl G 4s
11° 53′ 11.4″N 109° 08′ 16.2″E
Buoy R, pillar, can topmark, Fl R 4s
11° 53′ 09.0″N 109° 08′ 14.4″E
(NTM0010/2012)

★93460 7Ed. 12/29/84 NEW EDITION 9/85
(DMAHTC)

93460 7Ed. 12/29/84 LAST NM 9/85 18/86
Add Depth 10 fathoms 13° 39.0′ N 109° 20.5′ E
(10(749)86 Taunton)

93460 7Ed. 12/29/84 LAST NM 18/86 7/90
Change Light to Fl(3) 10s 102m 26M 12° 11.5′ N 109° 20.3′ E
(43(56)89 Brest)

93460 7Ed. 12/29/84 LAST NM 7/90 19/90
Change Light to Fl(3)8s 118m 16M 13° 36.8′ N 109° 21.8′ E
(3(251)90 Taunton)

93460 7Ed. 12/29/84 LAST NM 19/90 18/98
Change Characteristic of light to Fl(3) Y 10s
12° 53.6′ N 109° 27.7′ E
(BA LL)

93460 7Ed. 12/29/84 LAST NM 18/98 25/01
Add Pilot station symbol [T1.1] 12° 30′ 27″N 109° 23′ 09″E
(12(1115)99 Taunton)

93460 7Ed. 12/29/84 LAST NM 25/01 6/02
Delete Depth 110 fathoms 12° 35.7′ N 109° 44.5′ E
Depth 160 fathoms 12° 32.9′ N 109° 43.9′ E
Depth 380 fathoms 12° 29.0′ N 109° 46.6′ E

Add Depth 97 fathoms 12° 55.6′ N 109° 44.3′ E
Depth 99 fathoms 12° 49.1′ N 109° 45.0′ E
Depth 84 fathoms 12° 40.9′ N 109° 45.0′ E
Depth 95 fathoms 12° 36.3′ N 109° 45.0′ E
Depth 70 fathoms 12° 33.9′ N 109° 44.9′ E
Depth 58 fathoms 12° 30.5′ N 109° 44.9′ E
Depth 60 fathoms 12° 28.1′ N 109° 44.9′ E
Depth 75 fathoms 12° 24.9′ N 109° 45.2′ E
(20(1811)99 Taunton)

★93469 3Ed. 9/19/98 NEW EDITION 50/98
(NIMA)

★93474 5Ed. 1/9/99 NEW EDITION 17/99
Delete Buoyage note 12° 50.2′ N 109° 18.0′ E
(NIMA; GIMM008/99)

93474 5Ed. 1/9/99 LAST NM 17/99 25/01
Add Pilot station symbol [T1.1] 12° 30′ 34.0″N 109° 22′ 54.0″E
(12(1115)99 Taunton)

★93478 4Ed. 2/15/97 NEW EDITION 16/97
Change Legend to "Bns in line 352° " 13° 44′ 54″N 109° 14′ 54″E

Add Caution note
"CAUTION
Differences in latitude and longitude
may exist between this and other charts
of the area; therefore, the transfer of
positions from one chart to another
should be done by bearings and distances
from common features." 13° 29′ 00″N 109° 12′ 00″E
(NIMA; 45(3760)94 Taunton)

93478 4Ed. 2/15/97 LAST NM 16/97 28/97
Delete Random mark 13° 22′ 30″N 109° 17′ 31″E
(NIMA)

★93480 5Ed. 2/15/97 NEW EDITION 15/97
Change Characteristic of light to
(AERO) Al WG 10s 13° 46.1′ N 109° 13.3′ E

Add Caution note
"CAUTION
Differences in latitude and longitude
may exist between this and other charts
of the area; therefore, the transfer of
positions from one chart to another
should be done by bearings and distances
from common features." 14° 07.5′ N 108° 39.0′ E
(NIMA; BA LL)

★93491 8Ed. 8/22/98 NEW EDITION 48/98
(Plan)
Delete Light 13° 46′ 35″N 109° 15′ 13″E
(NIMA; 45(3760)94 Taunton; BA LL)

★93500 6Ed. 8/10/85 NEW EDITION 45/85
(DMAHTC)

93500 6Ed. 8/10/85 LAST NM 45/85 8/87
Add Depth 19 fathoms 16° 16.1′ N 108° 18.6′ E
(48(3514)86 Taunton)

93500 6Ed. 8/10/85 LAST NM 8/87 38/95
Change Characteristic of light
to Fl(2) 10s 16° 08.3′ N 108° 19.6′ E
(BA LL)

★93500 6Ed. 8/10/85 LAST NM 38/95 42/97
Delete Depth
5 fathoms 2 feet "Rep (1960)" 16° 17.9′ N 109° 19.8′ E
7 fathoms "Rep (1964)" 16° 12.2′ N 109° 14.6′ E

Danger circle "Rep (1964)" 16° 13.7′ N 109° 15.3′ E
(GIMM048/97)

93500 6Ed. 8/10/85 LAST NM 42/97 50/07
Add Submarine cable [L30.1] joining
15° 58′ 20″N 108° 17′ 11″E
15° 59′ 53″N 108° 22′ 20″E
16° 00′ 11″N 108° 22′ 23″E
16° 00′ 07″N 108° 23′ 02″E
16° 01′ 04″N 108° 26′ 13″E
16° 02′ 57″N 108° 27′ 47″E
16° 02′ 53″N 108° 42′ 45″E
15° 59′ 01″N 108° 52′ 40″E
15° 58′ 17″N 108° 54′ 13″E
15° 58′ 06″N 109° 15′ 28″E
15° 57′ 22″N 109° 19′ 58″E
15° 53′ 48″N 109° 33′ 26″E
(21(2087)00 Taunton)

★93503 7Ed. 11/10/12 NEW EDITION N8/13
(NGA)

★93512 8Ed. 12/14/96 NEW EDITION 9/97
(NIMA)

93512 8Ed. 12/14/96 LAST NM 9/97 25/01
Substitute Rock which covers and uncovers with drying
height 0.6 meter [K11] for islet
16° 09′ 38.4″N 108° 14′ 38.2″E

(Plan)
Add Purple dashed line (unexploded ordnance area
limit) joining 16° 08′ 06.0″N 108° 11′ 46.3″E
16° 08′ 04.1″N 108° 11′ 49.2″E
16° 08′ 02.2″N 108° 11′ 54.3″E
16° 08′ 00.5″N 108° 11′ 59.9″E
16° 08′ 00.0″N 108° 12′ 06.0″E
16° 08′ 00.5″N 108° 12′ 08.8″E
16° 08′ 02.2″N 108° 12′ 15.3″E
16° 08′ 04.1″N 108° 12′ 19.5″E
16° 08′ 06.0″N 108° 12′ 22.8″E

Legend "UNEXPLODED ORDNANCE
AREA" 16° 08′ 03.0″N 108° 12′ 06.0″E
(Rus CH 65521)

★93520 13Ed. 6/17/89 NEW EDITION 39/89
(DMAHTC)

93520 13Ed. 6/17/89 LAST NM 39/89 21/92
Delete Depth 259 meters "Rep (1984)" 16° 07.3′ N 112° 42.7′ E

Add Depth 107 meters "Rep (1991)" (PA)
16° 06.8′ N 112° 43.5′ E
(7(496)92 Taunton)

93520 13Ed. 6/17/89 LAST NM 21/92 1/97
Change Light to
Fl 4s 22m 15M 16° 01.6′ N 112° 26.7′ E
Fl(2) 6s 22m 15M 17° 03.8′ N 111° 28.0′ E
(20(175)96 Tianjin)

93520 13Ed. 6/17/89 LAST NM 1/97 45/02
Delete R Bn (AERO) 16° 40′ 00″N 112° 44′ 00″E
(BA RA)

93520 13Ed. 6/17/89 LAST NM 45/02 15/03
Add Stranded wreck [K24] 16° 04′ 09″N 111° 46′ 12″E
(11(175)02 Tianjin)

93520 13Ed. 6/17/89 LAST NM 15/03 36/07
Add Submarine cable [L30.1] joining 16° 41.5′ N 111° 22.8′ E
16° 32.7′ N 111° 34.6′ E
16° 32.2′ N 111° 35.4′ E
16° 32.0′ N 111° 36.2′ E

(Plan B)
Add Submarine cable [L30.1] joining
16° 32′ 12.0″N 111° 35′ 24.0″E
16° 32′ 00.0″N 111° 35′ 30.0″E
16° 32′ 00.0″N 111° 36′ 12.0″E
(38(849)06 Tianjin)

★**93520** 13Ed. 6/17/89 LAST NM 36/07 34/10
Delete Depth 281 meters "Rep (1966)"
15° 47′ 00″N 112° 39′ 45″E
Depth 290 meters "Rep (1983)"
15° 47′ 00″N 112° 45′ 15″E
Depth 276 meters 15° 47′ 45″N 112° 43′ 00″E

Add Depth 271 meters 15° 47′ 34″N 112° 42′ 34″E
Depth 279 meters 15° 46′ 41″N 112° 40′ 44″E
Depth 759 meters 15° 47′ 44″N 112° 45′ 22″E
(NTM0019/2010)

★**93520** 13Ed. 6/17/89 LAST NM 34/10 43/11
Add Depth 228 meters 16° 00′ 25″N 112° 11′ 07″E

Depth 192 meters enclosed by depth contour
(200-meter) centered 16° 01′ 07″N 112° 10′ 54″E
Depth 151 meters enclosed by depth contour
(200-meter) centered 16° 52′ 10″N 111° 54′ 50″E
(NTM0016/2011)

93520 13Ed. 6/17/89 LAST NM 43/11 31/12
Add Position circle with AIS [S17.1]
16° 49′ 52″N 112° 20′ 34″E

(Plan A)
Add Position circle with AIS [S17.1]
16° 49′ 52.0″N 112° 20′ 34.0″E
(17(491)12 Tianjin)

★**93540** 5Ed. 4/17/76 NEW EDITION 26/76
(DMAHC)

93540 5Ed. 4/17/76 LAST NM 26/76 37/80
Delete All reference to Loran-A Rates 1L6, 1L7
and 2H3
Note: Stations permanently discontinued
(NVS6212/80)

93540 5Ed. 4/17/76 LAST NM 37/80 38/95
Change Characteristic of light
to Fl(2) 10s 16° 08.3′ N 108° 19.6′ E
(BA LL)

93540 5Ed. 4/17/76 LAST NM 38/95 39/96
Delete Purple outline of chart 93544 16° 37.4′ N 108° 04.4′ E

Add Light
Fl 4s 92ft 15M (PA) 16° 53′ 48″N 107° 12′ 15″E
Fl(3) 10s 112ft 15M (PA) 16° 34′ 15″N 107° 37′ 13″E
(DMA; 24(46)96 Brest; Fr LL)

★**93560** 5Ed. 7/28/12 NEW EDITION N46/12
(NGA)

★**93580** 4Ed. 5/26/12 NEW EDITION N37/12
(NGA)

★**93600** 4Ed. 6/9/12 NEW EDITION N37/12
(NGA)

★**93600** 4Ed. 6/9/12 LAST NM N37/12 N12/13
Add Dangerous wreck [K28] (PA) 19° 40′ 08″N 106° 11′ 28″E
Dangerous wreck [K28] (PA) 19° 42′ 01″N 106° 24′ 53″E
(NTM0006/2013)

★**93610** 4Ed. 4/27/13 NEW EDITION N34/13
(NGA)

★**93620** 5Ed. 9/15/12 NEW EDITION N6/13
(NGA)

★**93626** 9Ed. 6/15/96 NEW EDITION 38/96
(DMA)

93626 9Ed. 6/15/96 LAST NM 38/96 26/04
Add Dangerous wreck [K28] "Rep (1999)" (PA)
20° 37′ 54″N 106° 56′ 54″E
Dangerous wreck [K28] "Rep (1999)" (PA)
20° 42′ 30″N 106° 57′ 12″E
Dangerous wreck [K28] "Rep (1999)" (PA)
20° 43′ 00″N 106° 55′ 09″E
Dangerous wreck [K28] "Rep (1999)" (PA)
20° 43′ 06″N 106° 56′ 27″E
(43(4035)99 Taunton)

★**93626** 9Ed. 6/15/96 LAST NM 26/04 15/12
Add Stranded wreck [K24] marked close NE by
buoy BRB, pillar, double ball topmark, Fl(2)
20° 39′ 44″N 106° 52′ 07″E
(NTM0010/2012)

★**93629** 7Ed. 3/15/97 NEW EDITION 17/97
(NIMA)

93629 7Ed. 3/15/97 LAST NM 17/97 14/11
Add Depth 25 meters 20° 55′ 00″N 107° 57′ 48″E
(Cna CH 16700)

★**93647** 2Ed. 3/7/98 NEW EDITION 23/99
(Previously Limited Distribution)
(NIMA)

★**93650** 2Ed. 11/4/95 NEW EDITION 2/96
Change Light to Fl 6s 34m 15M Racon 20° 13.4′ N 109° 55.2′ E
(Previously published 46/95)
(DMA)

93650 2Ed. 11/4/95 LAST NM 2/96 9/96
Add Purple dashed-line circle
"Unexploded Ordnance" 21° 13.3′ N 108° 41.1′ E
(1(6)96 Tianjin)

93650 2Ed. 11/4/95 LAST NM 9/96 10/96
Delete Depth
20 meters 20° 01.2′ N 109° 22.1′ E
18.5 meters 20° 00.8′ N 109° 24.5′ E
20 meters 20° 02.8′ N 109° 24.8′ E
20 meters 20° 03.8′ N 109° 31.5′ E
8.8 meters 20° 26.4′ N 109° 31.6′ E
6.8 meters 20° 27.1′ N 109° 34.6′ E
9.1 meters 21° 20.3′ N 108° 57.9′ E
10 meters 21° 21.3′ N 108° 54.8′ E
20 meters 21° 10.2′ N 107° 59.0′ E

(continued on next page)

93650 (Continued) 10/96

Dangerous submerged rock (PA) and legend "Datuchan Shi" 20° 44.7′ N 109° 34.5′ E

Dangerous submerged rock 21° 07.3′ N 108° 49.0′ E

Fishing stakes symbol and legend "Fishing Stakes" 21° 25.5′ N 108° 44.5′ E
21° 25.3′ N 108° 37.5′ E

Legend "Wks" 21° 24.4′ N 108° 36.0′ E

Stranded wreck 21° 30.1′ N 108° 33.2′ E
21° 29.6′ N 108° 32.8′ E

Substitute Depth 21.5 meters Wk for wreck 20° 01.8′ N 109° 23.0′ E

Depth 23 meters Obstn for 17.2 meters Obstn and legend "(steel pipe)" 20° 46.6′ N 108° 38.7′ E

Add Danger circle "Well" 20° 29.8′ N 108° 38.3′ E
20° 45.8′ N 108° 59.8′ E

Depth 7.2 meters Rk with legend "Datuchan Shi" 20° 48.5′ N 109° 36.5′ E

Light
Fl(2) 6s 6m 6M 21° 30.7′ N 108° 20.1′ E
Fl 4s 10m 6M 21° 23.1′ N 108° 12.5′ E

Buoy "0" Y, pillar, "X" topmark, Mo(Q) Y 12s 21° 27.8′ N 108° 21.3′ E

Depth
12.6 meters 21° 20.5′ N 108° 58.5′ E
13.6 meters 21° 22.6′ N 108° 55.7′ E
10 meters 21° 10.7′ N 108° 00.0′ E
10 meters 21° 10.6′ N 107° 58.7′ E
10 meters 21° 09.8′ N 107° 57.6′ E

(Cna CH 9320; Cna LL)

93650 2Ed. 11/4/95 LAST NM 10/96 13/96

Delete Dangerous wreck 20° 04.0′ N 110° 08.1′ E

Add Danger circle (PA) 20° 01.8′ N 109° 58.3′ E

(Cna CH 9317)

93650 2Ed. 11/4/95 LAST NM 13/96 18/96

Change Light to Fl 6s 71m 22M Racon 19° 53.5′ N 109° 15.8′ E

(6(65)96 Tianjin)

93650 2Ed. 11/4/95 LAST NM 18/96 39/96

Add Light
Fl(2) 10s 80m 26M (PA) 20° 08′ 00″N 107° 43′ 24″E
Fl 6s 85m 16M (PA) 21° 23′ 45″N 107° 59′ 38″E

(24(46)96 Brest)

93650 2Ed. 11/4/95 LAST NM 39/96 30/97

Add Light Fl(4) 15s 201m 28M (PA) 21° 14.2′ N 107° 57.5′ E

(GIMM047/96)

93650 2Ed. 11/4/95 LAST NM 30/97 20/98

Add Dangerous wreck (PA) 20° 05.2′ N 110° 17.4′ E

(6(57)98 Tianjin)

93650 2Ed. 11/4/95 LAST NM 20/98 29/98

Add Racon at light 20° 00.7′ N 109° 42.7′ E

(10(97)98 Tianjin)

93650 2Ed. 11/4/95 LAST NM 29/98 46/98

Add Racon at light 21° 00.7′ N 109° 05.9′ E

(15(143)98 Tianjin)

93650 2Ed. 11/4/95 LAST NM 46/98 6/99

Delete Purple composite line joining 21° 29.8′ N 108° 50.0′ E
21° 30.2′ N 108° 50.1′ E
21° 27.2′ N 109° 01.5′ E
21° 27.3′ N 109° 03.0′ E

Add Light
Fl(2) 6m 6s 6M 21° 33.8′ N 108° 29.1′ E
Fl 3s 36m 6M 21° 35.5′ N 108° 44.5′ E

Buoy "0" Y, pillar, "X" topmark, Mo(A) 10s 21° 29.5′ N 108° 30.8′ E

Purple composite line joining 21° 40.8′ N 108° 35.6′ E
21° 30.9′ N 108° 36.4′ E
21° 30.4′ N 108° 38.4′ E
21° 30.9′ N 108° 50.4′ E
21° 27.8′ N 109° 01.6′ E
21° 28.3′ N 109° 03.8′ E

joining 21° 40.8′ N 108° 34.5′ E
21° 30.1′ N 108° 35.3′ E
21° 29.3′ N 108° 38.0′ E
21° 29.8′ N 108° 50.0′ E

(Cna CH 9320, 9652)

93650 2Ed. 11/4/95 LAST NM 6/99 13/99

Substitute Platform (lighted) Mo(U) 15s HORN for superbuoy 20° 49.3′ N 108° 36.9′ E
Note: Designation "Weizhou Marine Terminal" remains

Add Platform "WZ12-1" 20° 49.0′ N 108° 53.9′ E
Designation "WZ10-3A" to platform 20° 49.0′ N 108° 37.7′ E
Dangerous wreck 20° 07.1′ N 109° 28.1′ E

Submarine pipeline with legend "Oil CAUTION NO 3"
joining 21° 03.0′ N 109° 04.9′ E
20° 49.0′ N 108° 53.9′ E
20° 40.9′ N 108° 40.9′ E

between 20° 49.0′ N 108° 53.9′ E
20° 49.0′ N 108° 37.7′ E

Legend "Oil CAUTION NO 3" 20° 45.0′ N 108° 39.0′ E

Caution No. 3 to CAUTIONS note "3. Gas from a damaged oil or gas pipeline could cause an explosion or some other serious hazard. Pipelines are are not always buried and their presence may effectively reduce the charted depth by as much as 2 meters. Mariners should not anchor or trawl in the vicinity of a pipeline; they risk prosecution if damage is caused." 21° 27.0′ N 110° 10.0′ E

(NIMA; 21(207-210), 23(228)98 Tianjin; Cna CH 9320)

93650 2Ed. 11/4/95 LAST NM 13/99 17/99

Delete "MINED AREA (ED)" in vicinity 20° 05.0′ N 109° 20.0′ E

Add Submarine cable joining 21° 25.2′ N 109° 06.5′ E
21° 24.0′ N 109° 05.8′ E
21° 18.0′ N 109° 10.4′ E
21° 13.5′ N 109° 10.4′ E
19° 59.2′ N 109° 33.3′ E
19° 57.9′ N 109° 34.2′ E

(4(54)99 Tianjin; Cna CH 9320)

93650 2Ed. 11/4/95 LAST NM 17/99 51/99

Delete Islet, blue tint and enclosing dotted-line circle 21° 14.6′ N 107° 54.6′ E

(NTM0044/1999)

93650 2Ed. 11/4/95 LAST NM 51/99 51/00

Add Platform SPM [L12] Mo(U) 10s 10M SIREN 21° 02.9′ N 109° 03.3′ E

Submarine pipeline [L40.1] with legend "Oil" between 21° 02.9′ N 109° 03.3′ E
21° 02.8′ N 109° 05.0′ E

(20(193)98 Tianjin)

93650 2Ed. 11/4/95 LAST NM 51/00 12/01

Add Light Fl 4s 90m 18M 21° 30.1′ N 108° 13.1′ E

(10(101)00 Tianjin)

93650 2Ed. 11/4/95 LAST NM 12/01 30/01

Delete Purple composite line between 20° 13.8′ N 110° 09.3′ E
20° 03.7′ N 110° 09.5′ E

Purple composite line joining 20° 03.9′ N 110° 11.7′ E
20° 13.2′ N 110° 11.0′ E
20° 09.7′ N 110° 15.5′ E
20° 08.3′ N 110° 12.8′ E
20° 05.5′ N 110° 12.8′ E
20° 03.7′ N 110° 12.3′ E

(continued on next page)

93650 (Continued) 30/01
Purple composite line joining 20° 14.5′ N 110° 11.5′ E
20° 10.3′ N 110° 16.8′ E
20° 10.8′ N 110° 18.0′ E

Purple composite line joining 20° 03.6′ N 110° 12.5′ E
20° 05.4′ N 110° 13.2′ E
20° 07.2′ N 110° 13.1′ E
20° 08.9′ N 110° 16.6′ E
20° 07.7′ N 110° 18.0′ E

Legend "ANCHORING AND FISHING PROHIBITED" 20° 08.8′ N 110° 14.7′ E

Add Purple composite line (anchoring and fishing prohibited limit) joining 20° 16.4′ N 110° 12.6′ E
20° 06.7′ N 110° 12.2′ E
20° 07.3′ N 110° 12.7′ E
20° 10.4′ N 110° 18.0′ E

Purple composite line (anchoring and fishing prohibited limit) between 20° 14.6′ N 110° 08.3′ E
20° 00.3′ N 110° 07.8′ E

Purple composite line (anchoring and fishing prohibited limit) joining 20° 01.6′ N 110° 15.2′ E
20° 05.4′ N 110° 12.9′ E
20° 06.7′ N 110° 13.5′ E
20° 09.2′ N 110° 18.0′ E

Legend "Anchoring and fishing prohibited" 20° 10.0′ N 110° 10.0′ E
(10(112)01 Tianjin; Cna CH 15799)

93650 2Ed. 11/4/95 LAST NM 30/01 46/01
Change Visibility (range) of light to 18M 20° 13.5′ N 109° 55.2′ E
(17(233)01 Tianjin)

93650 2Ed. 11/4/95 LAST NM 46/01 19/02
Add Depth 6.6 meters 21° 02.9′ N 109° 09.4′ E
(8(85)01 Tianjin)

93650 2Ed. 11/4/95 LAST NM 19/02 44/02
Add Light Fl(3) 15s 74m 18M Racon 19° 59.5′ N 109° 56.5′ E
(9(140)02 Tianjin)

93650 2Ed. 11/4/95 LAST NM 44/02 6/03
Delete Racon from light 20° 01.2′ N 110° 16.0′ E

Add Danger circle [K1] "Unexploded Ordnance" (PA) 21° 12.2′ N 108° 40.5′ E

Danger circle [K1] "Unexploded Ordnance" 21° 12.4′ N 108° 41.2′ E
Danger circle [K1] "Unexploded Ordnance" 21° 12.2′ N 108° 40.3′ E
(9(139), 18(347), 36(664)02 Tianjin)

93650 2Ed. 11/4/95 LAST NM 6/03 24/03
Add Dangerous wreck [K28] (PA) 21° 32.2′ N 108° 57.1′ E
(13(230)03 Tianjin)

93650 2Ed. 11/4/95 LAST NM 24/03 28/03
Add Dangerous wreck [K28] (PA) 21° 29.7′ N 109° 36.9′ E
(19(372)03 Tianjin)

93650 2Ed. 11/4/95 LAST NM 28/03 49/03
Add Dangerous wreck [K28] (PA) 21° 25.7′ N 109° 00.9′ E
(36(767)03 Tianjin)

93650 2Ed. 11/4/95 LAST NM 49/03 2/04
Add Purple dashed-line circle "Unexploded ordnance (2)" 21° 11.3′ N 108° 41.8′ E
Purple dashed-line circle "Unexploded ordnance (2)" 21° 13.1′ N 108° 38.9′ E
Purple dashed-line circle "Unexploded ordnance" 21° 10.2′ N 108° 41.1′ E
(44(972)03 Tianjin)

93650 2Ed. 11/4/95 LAST NM 2/04 9/05
Add Swept depth 17.5 meters Wk [K27] 19° 49.5′ N 109° 08.0′ E
(45(933)04 Tianjin)

93650 2Ed. 11/4/95 LAST NM 9/05 24/07
Add Dangerous wreck [K28] (PA) 21° 16.9′ N 108° 54.7′ E
(51(1161)06 Tianjin)

93650 2Ed. 11/4/95 LAST NM 24/07 34/07
Add Dangerous wreck [K28] (PA) 21° 23.0′ N 108° 21.0′ E
Dangerous wreck [K28] (PA) 21° 13.0′ N 108° 42.3′ E
(46(1031, 1032)06 Tianjin)

93650 2Ed. 11/4/95 LAST NM 34/07 39/07
Add Light Fl R 5s 39m 15M 20° 13.8′ N 110° 06.7′ E
(27(830)07 Tianjin; BA LL)

93650 2Ed. 11/4/95 LAST NM 39/07 21/08
Add Platform "WZ6-1" with light flare symbol [L10] 20° 54.6′ N 108° 51.9′ E
Platform "WZ11-1" with light flare symbol [L10] 20° 47.8′ N 108° 43.5′ E
Platform "WZ11-4N" with light flare symbol [L10] 20° 45.3′ N 108° 45.3′ E

Submarine pipeline [L40.1] with legend "Oil" between 20° 54.6′ N 108° 51.9′ E
20° 49.0′ N 108° 54.0′ E
(6(119, 120)08 Tianjin)

93650 2Ed. 11/4/95 LAST NM 21/08 31/08
Delete Legend "(PA)" from dangerous wreck 21° 32.2′ N 108° 57.1′ E
(21(702)08 Tianjin)

93650 2Ed. 11/4/95 LAST NM 31/08 42/08
Add "Quarantine Anchorage No. 1" area bound by purple dashed-line circle, radius 1 mile, centered 19° 49.0′ N 108° 56.4′ E

Pilot station symbol [T1.1] 19° 49.0′ N 108° 56.4′ E
(3(45)08 Tianjin)

93650 2Ed. 11/4/95 LAST NM 5/09 8/09
Add Dangerous wreck [K28] (PA) 20° 52.7′ N 109° 34.4′ E
Swept depth 24.9 meters Wk [K27] 20° 15.0′ N 108° 42.5′ E
(20(413, 415)05 Tianjin)

93650 2Ed. 11/4/95 LAST NM 8/09 9/09
Add Dangerous wreck [K28] (PA) 20° 50.0′ N 109° 16.0′ E
(Cna CH 16570)

93650 2Ed. 11/4/95 LAST NM 9/09 12/10
Add Light L Fl R 5s 39m 15M 20° 00.2′ N 110° 07.8′ E
(Cna CH 15819)

93650 2Ed. 11/4/95 LAST NM 12/10 4/11
Add Beacon W, cone topmark, Mo(C) WRG 12s 34m 8M 19° 59.3′ N 109° 56.8′ E
(27(1262)10 Tianjin)

93650 2Ed. 11/4/95 LAST NM 4/11 9/11
Delete Purple composite line joining 21° 40.8′ N 108° 35.6′ E
21° 30.9′ N 108° 36.4′ E
21° 30.4′ N 108° 38.4′ E
21° 30.9′ N 108° 50.4′ E
21° 27.8′ N 109° 01.6′ E
21° 28.3′ N 109° 03.8′ E

Purple composite line joining 21° 40.8′ N 108° 34.5′ E
21° 30.1′ N 108° 35.3′ E
21° 29.3′ N 108° 38.0′ E
21° 29.8′ N 108° 50.0′ E
21° 26.8′ N 109° 01.5′ E
21° 27.0′ N 109° 02.5′ E

"ANCHORING AND FISHING PROHIBITED" area between 21° 01.0′ N 109° 06.5′ E
19° 58.0′ N 109° 33.2′ E

Legend "ANCHORAGE AND FISHING PROHIBITED" 21° 29.2′ N 108° 55.3′ E

Add Purple composite line joining 19° 57.9′ N 109° 34.1′ E
20° 27.5′ N 109° 03.0′ E
21° 00.7′ N 109° 05.5′ E

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93650 (Continued) 9/11

Purple composite line joining 21° 03.5′ N 109° 05.5′ E
21° 28.5′ N 109° 02.5′ E
21° 30.8′ N 108° 48.9′ E
21° 30.4′ N 108° 38.1′ E
21° 30.8′ N 108° 36.4′ E
21° 40.8′ N 108° 35.5′ E

Purple composite line joining 19° 57.2′ N 109° 33.0′ E
20° 27.1′ N 109° 01.8′ E
21° 02.1′ N 109° 04.4′ E
21° 27.6′ N 109° 01.5′ E
21° 29.7′ N 108° 48.8′ E
21° 29.3′ N 108° 37.9′ E
21° 30.0′ N 108° 35.3′ E
21° 40.7′ N 108° 34.4′ E

Legend "ANCHORING AND FISHING PROHIBITED" between 21° 30.5′ N 108° 36.0′ E
21° 30.0′ N 108° 51.0′ E

Legend "ANCHORING AND FISHING PROHIBITED" between 20° 27.0′ N 109° 02.8′ E
20° 13.0′ N 109° 17.4′ E

(Cna CH 16570, 16770)

93650 2Ed. 11/4/95 LAST NM 9/11 11/11
Add Dangerous wreck [K28] 21° 20.2′ N 109° 07.5′ E
Dangerous wreck [K28] 20° 44.4′ N 109° 14.4′ E
Dangerous wreck [K28] 20° 59.3′ N 109° 06.1′ E
(21(439)04 Tianjin)

93650 2Ed. 11/4/95 LAST NM 11/11 12/11
Add Dangerous submerged rock [K13] 20° 52.0′ N 109° 22.2′ E
Dangerous submerged rock [K13] 20° 22.8′ N 109° 44.0′ E
Dangerous submerged rock [K13] 20° 21.0′ N 109° 41.4′ E
Dangerous submerged rock [K13] 20° 07.0′ N 109° 40.6′ E
Danger circle "Obstn" [K40] 20° 11.3′ N 109° 40.0′ E
Dangerous wreck [K28] 20° 15.6′ N 109° 17.6′ E
Dangerous wreck [K28] 20° 11.0′ N 109° 18.6′ E
Dangerous wreck [K28] 20° 33.3′ N 109° 38.0′ E
Dangerous wreck [K28] (PA) 20° 01.4′ N 109° 31.6′ E
Depth 8.2 meters Wk [K26] 20° 54.6′ N 109° 05.4′ E
(Cna CH 16570)

93650 2Ed. 11/4/95 LAST NM 12/11 13/11
Add Light Mo(C) WRG 12s 13m 8M 20° 15.3′ N 109° 56.9′ E
(3(60)11 Tianjin)

93650 2Ed. 11/4/95 LAST NM 13/11 14/11
Add Danger circle "Obstn" [K40] 20° 40.3′ N 108° 49.0′ E
Danger circle "Obstn" [K40] 20° 24.6′ N 108° 42.0′ E
Danger circle "Obstn" [K40] 20° 19.1′ N 108° 33.0′ E
Danger circle "Obstn" [K40] 20° 31.5′ N 108° 20.7′ E
Danger circle "Obstn" [K40] 20° 34.0′ N 108° 18.1′ E
Dangerous submerged rock [K13] 20° 30.0′ N 108° 18.0′ E
Dangerous submerged rock [K13] 20° 32.7′ N 108° 15.6′ E
Dangerous submerged rock [K13] 20° 35.6′ N 108° 19.0′ E
Dangerous wreck [K28] 20° 48.0′ N 108° 19.0′ E
Dangerous wreck [K28] 21° 20.1′ N 108° 32.6′ E
Depth 25 meters 20° 55.0′ N 107° 57.8′ E
(32(1472)10 Tianjin; Cna CH 16700)

93650 2Ed. 11/4/95 LAST NM 14/11 16/11
Change Light to Al Fl(3+1) WR 42s 40m 15M
20° 01.2′ N 110° 16.0′ E
(Cna CH 15700)

93650 2Ed. 11/4/95 LAST NM 16/11 21/11
Add Dangerous wreck [K28] "Rep (2004)" (PA)
21° 18.0′ N 109° 03.0′ E
(24(478)04 Tianjin)

93650 2Ed. 11/4/95 LAST NM 21/11 30/12
Add Light QR 4m 4M 20° 23.7′ N 109° 52.0′ E
(31(1145)09 Tianjin)

93650 2Ed. 11/4/95 LAST NM 30/12 40/12
Add Light Fl(2) 6s 23m 5M 20° 14.4′ N 110° 10.7′ E
(2(55)12 Tianjin)

93650 2Ed. 11/4/95 LAST NM 40/12 9/13
Add Light Mo(C) Y 12s 17m 8M 20° 08.9′ N 109° 29.3′ E
(33(1222)12 Tianjin)

93650 2Ed. 11/4/95 LAST NM 9/13 12/13
Add Buoy BRB, pillar, double ball topmark,
Fl(2) 5s [Q130.4] 21° 23.5′ N 108° 13.7′ E
(52(5858)12 Taunton)

93650 2Ed. 11/4/95 LAST NM 12/13 18/13
Add Buoy "12-8W" BYB, pillar, double cone
topmark bases together, Q(3) 10s [Q130.3]
20° 44.1′ N 108° 57.5′ E
Buoy "6-12" BY, pillar, double cone
topmark points upward, Q [Q130.3]
20° 50.6′ N 108° 59.7′ E
(49(5429)12 Taunton)

93650 2Ed. 11/4/95 LAST NM 18/13 37/13
Add Dangerous wreck [K28] (PA) 21° 26.6′ N 108° 35.5′ E
(14(480)13 Tianjin)

93650 2Ed. 11/4/95 LAST NM 37/13 39/13
Add Dangerous wreck [K28] "Rep (2012)" (PA)
21° 23.3′ N 108° 07.8′ E
(21(774)13 Tianjin)

93650 2Ed. 11/4/95 LAST NM 39/13 40/13
Add Dangerous wreck [K28] (PA) 21° 02.2′ N 108° 28.8′ E
Dangerous wreck [K28] (PA) 20° 59.9′ N 108° 41.0′ E
(12(386, 387)13 Tianjin)

★**93652** 2Ed. 5/4/96 NEW EDITION N31/96
(Plan)
Add Height to range light,
front 14m 21° 28′ 51″N 109° 05′ 09″E
rear 21m 21° 28′ 47″N 109° 05′ 11″E

Legend "Lights in line 151° 36′ "
between 21° 29′ 34″N 109° 04′ 44″E
21° 29′ 09″N 109° 05′ 00″E
(DMA; Cna LL)

93652 2Ed. 5/4/96 LAST NM 31/96 39/97
(Previously Limited Distribution)

Delete Limited Distribution note
in right lower margin of chart

Legend "LIMITED DISTRIBUTION"
in upper left margin of chart
(NIMA)

93652 2Ed. 5/4/96 LAST NM 39/97 46/98
Add Racon at light 21° 00.7′ N 109° 05.9′ E
(15(143)98 Tianjin)

93652 2Ed. 5/4/96 LAST NM 46/98 6/99
Delete Purple composite line joining 21° 29.8′ N 108° 50.0′ E
21° 30.2′ N 108° 50.1′ E
21° 27.1′ N 109° 01.5′ E
21° 27.4′ N 109° 02.8′ E

Substitute Depth 9.2 meters Rk for 9.7 meters 21° 30.1′ N 108° 29.3′ E

Add Light
Fl(2) 6s 6m 6M 21° 33.83′ N 108° 29.16′ E
Fl 4s 9m 6M 21° 34.18′ N 108° 29.00′ E
Fl 3s 36m 6M 21° 35.52′ N 108° 44.53′ E

Buoy
"0" Y, pillar, "X" topmark,
Mo(A) 10s 21° 29.50′ N 108° 30.80′ E
"1" R, pillar, can topmark,
Fl R 4s 21° 31.49′ N 108° 33.37′ E

"Spoil Ground" area bound by
dashed-line circle, radius 0.42 mile,
centered 21° 31.87′ N 108° 32.09′ E

"QUAR ANCH" area bound by purple
dashed line joining 21° 29.93′ N 108° 31.27′ E
21° 29.10′ N 108° 31.27′ E
21° 29.10′ N 108° 30.31′ E
21° 29.93′ N 108° 30.13′ E

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93652 (Continued) 6/99

Purple composite line
joining 21° 40.80′ N 108° 35.60′ E
21° 30.88′ N 108° 36.40′ E
21° 30.42′ N 108° 38.35′ E
21° 30.90′ N 108° 50.35′ E
21° 27.84′ N 109° 01.63′ E
21° 28.26′ N 109° 03.75′ E

joining 21° 40.80′ N 108° 34.48′ E
21° 30.06′ N 108° 35.32′ E
21° 29.30′ N 108° 38.00′ E
21° 29.81′ N 108° 50.00′ E

Legend
"ANCHORING AND FISHING PROHIBITED"
between 21° 29.90′ N 108° 38.60′ E
21° 30.30′ N 108° 47.50′ E

"Buoyed channel" between 21° 32.10′ N 108° 33.80′ E
21° 33.40′ N 108° 34.70′ E

(Plan)
Delete Purple composite line between 21° 27′ 45″N 108° 59′ 00″E
21° 27′ 23″N 109° 02′ 39″E

Add Purple composite line joining 21° 28′ 45″N 108° 59′ 00″E
21° 27′ 57″N 109° 02′ 02″E
21° 28′ 20″N 109° 03′ 50″E

(Cna CH 9320, 9652)

93652 2Ed. 5/4/96 LAST NM 6/99 17/99

Add Submarine cable joining 21° 25′ 11″N 109° 06′ 31″E
21° 24′ 34″N 109° 06′ 12″E
21° 24′ 01″N 109° 05′ 45″E
21° 19′ 48″N 109° 09′ 00″E

(Plan)
Add Submarine cable joining 21° 25′ 07.5″N 109° 06′ 30.0″E
21° 24′ 34.0″N 109° 06′ 12.0″E
21° 24′ 00.8″N 109° 05′ 44.5″E
21° 23′ 00.0″N 109° 06′ 30.0″E

(4(54)99 Tianjin)

93652 2Ed. 5/4/96 LAST NM 17/99 43/00

Delete Dashed line joining 21° 29′ 26″N 109° 04′ 15″E
21° 29′ 13″N 109° 04′ 16″E
21° 29′ 15″N 109° 04′ 21″E

Add Submarine pipeline (sewer) [L41.1] between
21° 29′ 07″N 109° 04′ 22″E
21° 29′ 27″N 109° 04′ 11″E

"PROHIB AREA" [N2.2] bound by
purple composite line joining 21° 29′ 03″N 109° 04′ 17″E
21° 29′ 07″N 109° 04′ 25″E
21° 29′ 34″N 109° 04′ 10″E
21° 29′ 30″N 109° 04′ 02″E

(Plan)
Delete Dashed line joining 21° 29′ 26.0″N 109° 04′ 15.0″E
21° 29′ 13.0″N 109° 04′ 16.0″E
21° 29′ 15.0″N 109° 04′ 21.0″E

Add Submarine pipeline (sewer) [L41.1] between
21° 29′ 07.0″N 109° 04′ 22.0″E
21° 29′ 27.0″N 109° 04′ 11.0″E

"PROHIB AREA" [N2.2] bound by shore and
purple composite line joining
21° 29′ 03.0″N 109° 04′ 17.0″E
21° 29′ 07.0″N 109° 04′ 25.0″E
21° 29′ 34.0″N 109° 04′ 10.0″E
21° 29′ 30.0″N 109° 04′ 02.0″E

(2(27, 28)99 Tianjin)

93652 2Ed. 5/4/96 LAST NM 43/00 51/00

Add Platform SPM [L12] Mo(U) 10s SIREN
21° 02′ 54″N 109° 03′ 16″E

Submarine pipeline [L40.1] with legend "Oil"
between 21° 02′ 54″N 109° 03′ 16″E
21° 02′ 48″N 109° 05′ 00″E

(20(193)98 Tianjin)

93652 2Ed. 5/4/96 LAST NM 51/00 9/01

(Plan)
Add Buoy "1" R, pillar, can topmark, Fl R 4s
21° 29′ 06.0″N 109° 04′ 04.0″E

Buoy "4" G, pillar, cone topmark, Fl G 4s
21° 28′ 56.0″N 109° 04′ 10.0″E

(6(57)00 Tianjin)

93652 2Ed. 5/4/96 LAST NM 9/01 16/01

(Plan)
Add Buoy "2" G, pillar, cone topmark, Fl G 4s
21° 29′ 05.8″N 109° 04′ 01.6″E

(10(114)00 Tianjin)

93652 2Ed. 5/4/96 LAST NM 16/01 21/01

(Plan)
Relocate Buoy "1" from
21° 23′ 35.8″N 109° 00′ 30.1″E to
21° 23′ 36.6″N 109° 00′ 31.9″E

Buoy "2" from
21° 23′ 36.5″N 109° 00′ 35.8″E to
21° 23′ 35.6″N 109° 00′ 37.6″E

Buoy "3" from
21° 25′ 54.0″N 109° 00′ 59.6″E to
21° 25′ 52.5″N 109° 00′ 58.3″E

Buoy "4" from
21° 25′ 53.0″N 109° 01′ 04.0″E to
21° 25′ 51.6″N 109° 01′ 04.1″E

Buoy "5" from
21° 27′ 55.9″N 109° 01′ 28.0″E to
21° 27′ 55.3″N 109° 01′ 28.3″E

Buoy "6" from
21° 28′ 11.8″N 109° 01′ 25.5″E to
21° 28′ 09.5″N 109° 01′ 25.4″E

Buoy "7" from
21° 28′ 13.0″N 109° 01′ 40.2″E to
21° 28′ 12.1″N 109° 01′ 40.6″E

Buoy "8" from
21° 28′ 50.0″N 109° 02′ 46.3″E to
21° 28′ 50.3″N 109° 02′ 46.9″E

Buoy "9" from
21° 29′ 08.8″N 109° 03′ 06.0″E to
21° 29′ 07.1″N 109° 03′ 06.1″E

Buoy "14" from
21° 28′ 50.0″N 109° 03′ 19.5″E to
21° 28′ 48.1″N 109° 03′ 20.8″E

Buoy "15" from
21° 28′ 52.5″N 109° 03′ 23.5″E to
21° 28′ 52.2″N 109° 03′ 24.6″E

Buoy "16" from
21° 28′ 43.0″N 109° 03′ 25.3″E to
21° 28′ 43.0″N 109° 03′ 27.0″E

Buoy "17" from
21° 28′ 47.5″N 109° 03′ 31.8″E to
21° 28′ 46.0″N 109° 03′ 32.4″E

Buoy "18" from
21° 28′ 42.7″N 109° 03′ 52.0″E to
21° 28′ 40.9″N 109° 03′ 51.0″E

(23(341)00 Tianjin)

93652 2Ed. 5/4/96 LAST NM 21/01 24/01

(Plan)
Relocate Range light, front from
21° 28′ 24.0″N 109° 04′ 00.0″E to
21° 28′ 20.8″N 109° 04′ 00.2″E
and change visibility (range) to 3M

Change Visibility (range) of range light, rear to 3M
21° 28′ 13.8″N 109° 04′ 08.5″E

Buoy to "15" GRG, pillar, cone topmark,
Fl(2+1) G 6s 21° 28′ 52.2″N 109° 03′ 24.6″E
(See 21/01-93652)

(4(28, 29)01 Tianjin)

93652 2Ed. 5/4/96 LAST NM 24/01 3/03

(Plan)
Delete Buoy "3" 21° 25′ 52.5″N 109° 00′ 58.3″E
Buoy "4" 21° 25′ 51.6″N 109° 01′ 04.1″E

Change Characteristic of buoy "6" to Fl R 4s
21° 28′ 09.5″N 109° 01′ 25.4″E

Add Buoy "3" R, pillar, can topmark, Fl R 4s
21° 25′ 07.9″N 109° 00′ 48.2″E
Buoy "4" G, pillar, cone topmark, Fl G 4s
21° 25′ 07.2″N 109° 00′ 54.9″E

(25(396)01, 7(97)02 Tianjin)

93652 2Ed. 5/4/96 LAST NM 3/03 6/03

Add Danger circle [K1] "Unexploded Ordnance"
(PA) 21° 12′ 10″N 108° 40′ 31″E

(continued on next page)

93652 (Continued) 6/03
Danger circle [K1] "Unexploded Ordnance"
21° 12′ 22″N 108° 41′ 13″E
Danger circle [K1] "Unexploded Ordnance"
21° 12′ 11″N 108° 40′ 17″E

(Plan)
Add Buoy "A3" R, pillar, can topmark, Fl R 4s
21° 26′ 26.2″N 109° 01′ 06.5″E
Buoy "A4" G, pillar, cone topmark, Fl G 4s
21° 26′ 27.2″N 109° 01′ 11.8″E
(25(397)01, 18(347), 36(664)02 Tianjin)

93652 2Ed. 5/4/96 LAST NM 6/03 24/03
Add Dangerous wreck [K28] (PA) 21° 32′ 12″N 108° 57′ 05″E
(13(230)03 Tianjin)

93652 2Ed. 5/4/96 LAST NM 24/03 49/03
Add Dangerous wreck [K28] (PA)
21° 25′ 42.4″N 109° 00′ 51.7″E

(Plan)
Add Dangerous wreck [K28] (PA)
21° 25′ 42.4″N 109° 00′ 51.7″E
(36(767)03 Tianjin)

93652 2Ed. 5/4/96 LAST NM 49/03 2/04
Add Purple dashed-line circle
"Unexploded ordnance (2)" 21° 11′ 20″N 108° 41′ 52″E
Purple dashed-line circle
"Unexploded ordnance" 21° 13′ 07″N 108° 38′ 53″E
Purple dashed-line circle
"Unexploded ordnance" 21° 13′ 08″N 108° 38′ 54″E
Purple dashed-line circle
"Unexploded ordnance" 21° 10′ 14″N 108° 41′ 04″E
(44(972)03 Tianjin)

93652 2Ed. 5/4/96 LAST NM 2/04 24/07
Add Dangerous wreck [K28] (PA) 21° 16′ 51″N 108° 54′ 42″E
(51(1161)06 Tianjin)

93652 2Ed. 5/4/96 LAST NM 24/07 34/07
Add Dangerous wreck [K28] (PA) 21° 12′ 59″N 108° 42′ 20″E
(46(1032)06 Tianjin)

93652 2Ed. 5/4/96 LAST NM 34/07 41/07
Add Dangerous wreck [K28] (PA) 21° 31′ 43″N 108° 59′ 25″E
(25(781)07 Tianjin)

93652 2Ed. 5/4/96 LAST NM 41/07 31/08
Delete Legend "(PA)" from dangerous wreck
21° 32′ 12″N 108° 57′ 05″E
(21(702)08 Tianjin)

93652 2Ed. 5/4/96 LAST NM 31/08 47/08
Add Dangerous wreck [K28] (PA) 21° 32′ 23″N 108° 33′ 14″E
(37(1372)08 Tianjin)

93652 2Ed. 5/4/96 LAST NM 47/08 48/08
Add Buoy "1" G, conical, Fl G 4s 21° 31′ 22″N 108° 33′ 27″E
(47(861)02 Tianjin)

93652 2Ed. 5/4/96 LAST NM 48/08 9/11
Delete Purple composite line joining 21° 40′ 48″N 108° 35′ 36″E
21° 30′ 53″N 108° 36′ 24″E
21° 30′ 25″N 108° 38′ 21″E
21° 30′ 54″N 108° 50′ 21″E
21° 27′ 50″N 109° 01′ 38″E
21° 28′ 16″N 109° 03′ 45″E

Purple composite line joining 21° 40′ 48″N 108° 34′ 29″E
21° 30′ 04″N 108° 35′ 19″E
21° 29′ 18″N 108° 38′ 00″E
21° 29′ 49″N 108° 50′ 00″E
21° 26′ 51″N 109° 01′ 27″E
21° 27′ 03″N 109° 02′ 25″E

Purple composite line between 21° 00′ 49″N 109° 05′ 16″E
21° 00′ 01″N 109° 05′ 39″E

Purple composite line between 21° 01′ 15″N 109° 06′ 45″E
21° 00′ 06″N 109° 07′ 18″E

Legend "ANCHORING AND FISHING
PROHIBITED" 21° 28′ 39″N 108° 55′ 03″E

Legend "ANCHORAGE AND FISHING
PROHIBITED" 21° 01′ 09″N 109° 06′ 24″E

Add Purple composite line joining 21° 40′ 45″N 108° 35′ 30″E
21° 30′ 47″N 108° 36′ 21″E
21° 30′ 21″N 108° 38′ 06″E
21° 30′ 48″N 108° 48′ 51″E
21° 28′ 27″N 109° 02′ 34″E
21° 03′ 33″N 109° 05′ 33″E

Purple composite line between 21° 00′ 43″N 109° 05′ 30″E
21° 00′ 00″N 109° 05′ 27″E

Purple composite line joining 21° 40′ 42″N 108° 34′ 24″E
21° 30′ 00″N 108° 35′ 15″E
21° 29′ 18″N 108° 37′ 54″E
21° 29′ 45″N 108° 48′ 48″E
21° 27′ 33″N 109° 01′ 30″E
21° 02′ 06″N 109° 04′ 27″E
21° 00′ 00″N 109° 04′ 14″E

Legend "ANCHORING AND FISHING
PROHIBITED" between 21° 20′ 30″N 109° 03′ 06″E
21° 12′ 36″N 109° 04′ 00″E

(Plan)
Delete Purple composite line joining
21° 28′ 45.0″N 108° 59′ 00.0″E
21° 27′ 57.0″N 109° 02′ 02.0″E
21° 28′ 20.0″N 109° 03′ 50.0″E

Purple composite line joining
21° 27′ 32.5″N 108° 59′ 02.0″E
21° 26′ 55.0″N 109° 01′ 26.5″E
21° 27′ 09.0″N 109° 02′ 34.5″E

Legend "ANCHORING AND FISHING
PROHIBITED" 21° 27′ 06.0″N 109° 01′ 09.0″E

Add Purple composite line joining
21° 29′ 04.0″N 108° 59′ 00.0″E
21° 28′ 26.5″N 109° 02′ 34.1″E
21° 27′ 13.5″N 109° 02′ 40.7″E

Purple composite line between
21° 26′ 51.0″N 109° 02′ 43.0″E
21° 22′ 48.0″N 109° 03′ 06.4″E

Purple composite line joining
21° 27′ 58.4″N 108° 59′ 00.0″E
21° 27′ 32.5″N 109° 01′ 30.5″E
21° 22′ 48.0″N 109° 01′ 58.0″E
Legend "ANCHORING AND FISHING
PROHIBITED" between 21° 27′ 45.0″N 109° 03′ 03.0″E
21° 25′ 06.0″N 109° 02′ 18.0″E
(Cna CH 16570, 16770)

93652 2Ed. 5/4/96 LAST NM 9/11 11/11
Add Dangerous wreck [K28] 21° 20′ 12″N 109° 07′ 31″E
(21(439)04 Tianjin)

93652 2Ed. 5/4/96 LAST NM 11/11 14/11
Add Dangerous wreck [K28] 21° 20′ 06″N 108° 32′ 36″E
(32(1472)10 Tianjin)

93652 2Ed. 5/4/96 LAST NM 14/11 15/11
Add Danger circle "Obstn Rep (2011)" [K40] (PA)
21° 23′ 39″N 109° 07′ 13″E
(6(153)11 Tianjin)

93652 2Ed. 5/4/96 LAST NM 15/11 21/11
Add Dangerous wreck [K28] "Rep (2004)" (PA)
21° 18′ 00″N 109° 03′ 00″E
(24(478)04 Tianjin)

93652 2Ed. 5/4/96 LAST NM 21/11 26/11
Substitute Buoy BRB, pillar, double ball topmark, Fl(2) 5s
[Q130.4] for danger circle "Obstn Rep (2011)"
(PA) 21° 23′ 39″N 109° 07′ 13″E
(Supersedes 15/11-93652)
(10(230)11 Tianjin)

93652 2Ed. 5/4/96 LAST NM 26/11 12/13
Add Buoy "1" G, conical, Fl G 4s 21° 22′ 49″N 109° 06′ 51″E
(15(433)07 Tianjin)

93652 2Ed. 5/4/96 LAST NM 12/13 37/13
Add Dangerous wreck [K28] (PA) 21° 26′ 36″N 108° 35′ 30″E
(14(480)13 Tianjin)

93652 2Ed. 5/4/96 LAST NM 37/13 40/13
Add Dangerous wreck [K28] (PA) 21° 02′ 10″N 108° 28′ 46″E
(12(386)13 Tianjin)

★93656 2Ed. 9/1/50 NEW EDITION N40/50
(USHO)

93656 2Ed. 9/1/50 LAST NM N40/50 N40/86
Add Note in lower left margin of chart

"Users should refer corrections, additions, and comments for improving this product to: DIRECTOR, DEFENSE MAPPING AGENCY HYDROGRAPHIC/ TOPOGRAPHIC CENTER, ATTN: PR, Washington, D.C. 20315-0030."
(DMAHTC)

93656 2Ed. 9/1/50 LAST NM N40/86 N10/96
Delete Stranded wreck 21° 29′ 59″N 108° 33′ 11″E
21° 29′ 35″N 108° 32′ 52″E
(Cna CH 9320)

93656 2Ed. 9/1/50 LAST NM N10/96 N6/99
Delete Buoy 21° 32′ 00″N 108° 33′ 52″E

Add Light
Fl 3s 36m 6M 21° 35′ 35″N 108° 44′ 50″E
Fl(2) 6s 4m 6M 21° 33′ 47″N 108° 29′ 17″E

Buoy
"0" Y, pillar, "X" topmark, Mo(A) 10s 21° 29′ 42″N 108° 31′ 14″E
"1" R, pillar, can topmark, Fl R 4s 21° 31′ 38″N 108° 33′ 47″E

"Quar Anch" area bound by purple dashed line joining 21° 30′ 08″N 108° 30′ 46″E
21° 30′ 08″N 108° 31′ 42″E
21° 29′ 16″N 108° 31′ 42″E
21° 29′ 16″N 108° 30′ 46″E

"Spoil Ground" area bound by dashed-line circle, radius 800 meters, centered 21° 32′ 03″N 108° 32′ 29″E

Purple dashed line
joining 21° 40′ 55″N 108° 35′ 44″E
21° 30′ 46″N 108° 36′ 35″E
21° 30′ 19″N 108° 38′ 20″E
21° 30′ 44″N 108° 50′ 00″E

joining 21° 40′ 58″N 108° 34′ 45″E
21° 31′ 04″N 108° 36′ 40″E
21° 29′ 24″N 108° 38′ 23″E
21° 29′ 47″N 108° 50′ 00″E

Legend
"ANCHORING AND FISHING PROHIBITED"
between 21° 29′ 50″N 108° 40′ 00″E
21° 30′ 16″N 108° 48′ 25″E

"Buoyed channel" between 21° 34′ 25″N 108° 35′ 30″E
21° 36′ 30″N 108° 35′ 30″E

Buoyage note "BUOYAGE IALA Buoyage System, Region A, is in effect in the area covered by this chart. See Chart No. 1." 21° 42′ 20″N 108° 46′ 24″E
(Cna CH 9652)

93656 2Ed. 9/1/50 LAST NM N6/99 N17/99
Add Chartlet, depicting changes in hydrography, topography and aids to navigation, from Subsection I-2
(A) 21° 43′ 00″N 108° 34′ 00″E
(B) 21° 38′ 00″N 108° 34′ 00″E
(C) 21° 33′ 00″N 108° 34′ 00″E
(Cna CH 9652)

93656 2Ed. 9/1/50 LAST NM N17/99 N43/00
Add Light Fl(2) G 6s 4m 3M 21° 41′ 27″N 108° 37′ 10″E
(2(26)99 Tianjin)

93656 2Ed. 9/1/50 LAST NM N43/00 N49/00
Delete Buoy "1" 21° 41′ 56″N 108° 35′ 59″E
(See N17/99-93656)
(20(189)98 Tianjin)

★93680 3Ed. 9/23/95 NEW EDITION 47/95
Delete "OBSTN AREA PA" centered 19° 21.0′ N 108° 36.2′ E
(DMA; Cna CH 9319)

93680 3Ed. 9/23/95 LAST NM 47/95 18/96
Change Light to Fl 6s 71m 22M Racon 19° 53.5′ N 109° 15.8′ E
(6(65)96 Tianjin)

93680 3Ed. 9/23/95 LAST NM 18/96 21/96
Change Light to Fl 10s 72m 22M Racon 18° 09.8′ N 109° 34.3′ E
(7(72)96 Tianjin)

93680 3Ed. 9/23/95 LAST NM 21/96 39/96
Add Light Fl(2) 10s 80m 26M (PA) 20° 08′ 00″N 107° 43′ 24″E
(24(46)96 Brest)

93680 3Ed. 9/23/95 LAST NM 39/96 26/97
Delete Light 18° 50.3′ N 108° 37.5′ E

Add Light Fl 6s 47m 18M Racon 18° 50.6′ N 108° 38.1′ E
(9(98)97 Tianjin)

93680 3Ed. 9/23/95 LAST NM 26/97 15/98
Change Light to Fl 8s 96m 20M Racon 19° 21.9′ N 108° 41.0′ E
(3(24)98 Tianjin)

93680 3Ed. 9/23/95 LAST NM 15/98 27/98
Add Light 2 FR 10M 19° 06.4′ N 108° 38.0′ E
(7(65)98 Tianjin)

93680 3Ed. 9/23/95 LAST NM 27/98 29/98
Add Racon at light 20° 00.7′ N 109° 42.7′ E
(10(97)98 Tianjin)

93680 3Ed. 9/23/95 LAST NM 29/98 13/99
Add Dangerous wreck 20° 07.1′ N 109° 28.1′ E
(23(228)98 Tianjin)

93680 3Ed. 9/23/95 LAST NM 13/99 17/99
Add Submarine cable joining 19° 57.9′ N 109° 34.2′ E
19° 59.2′ N 109° 33.3′ E
20° 10.0′ N 109° 29.9′ E
(4(54)99 Tianjin)

93680 3Ed. 9/23/95 LAST NM 17/99 23/99
Delete Danger circle "Well" 17° 31.0′ N 109° 00.5′ E

Add Legend "YACHENG GAS FIELD (see Note)" 17° 28.0′ N 109° 10.0′ E

Note "GAS FIELDS
Numerous structures, usually marked by Mo(U) lights and Horn Mo(U) fog signals, other unlit objects, submerged obstructions and well heads, sometimes marked by buoys, exist in the area indicated. As these features are not all charted, special caution should be exercised by vessels navigating in the vicinity." 18° 30.0′ N 109° 00.0′ E
(31(2758)98 Taunton)

93680 3Ed. 9/23/95 LAST NM 23/99 25/99
Change Light to Fl 6s 89m 18M Racon 18° 19.4′ N 108° 57.0′ E
(6(69)99 Tianjin)

93680 3Ed. 9/23/95 LAST NM 25/99 17/01
Add Danger circle [K1] "Unexploded ordnance" 19° 41.2′ N 109° 01.8′ E
(21(285)00 Tianjin)

93680 3Ed. 9/23/95 LAST NM 17/01 45/02
Change Visibility (range) of light to 18M 18° 13.9′ N 109° 22.3′ E
Light to Fl(3) 9s 60m 18M Racon 19° 34.8′ N 109° 00.6′ E
(BA LL; BA RA)

93680 3Ed. 9/23/95 LAST NM 45/02 47/02
Add Purple dashed-line circle "Unexploded Ordnance" (PA) 17° 55.4′ N 109° 29.5′ E
(33(605)02 Tianjin)

93680 3Ed. 9/23/95 LAST NM 47/02 24/03
Add Wreck [K29] 19° 39.1′ N 108° 18.1′ E

"ANCH AREA" [N12.1] bound by purple dashed-line circle, radius 1 mile, centered 18° 18.4′ N 109° 06.8′ E
(4(61), 11(175)03 Tianjin)

93680 3Ed. 9/23/95 LAST NM 24/03 18/04
Delete "Pilot and Quarantine Anchorage" area in vicinity 19° 07.1′ N 108° 35.8′ E
(24(477)03 Tianjin)

93680 3Ed. 9/23/95 LAST NM 18/04 9/05
Add Wreck [K29] (PA) 17° 49.5′ N 109° 00.6′ E
Swept depth 17.5 meters Wk [K27] 19° 49.5′ N 109° 08.0′ E
(45(911, 933)04 Tianjin)

93680 3Ed. 9/23/95 LAST NM 9/05 36/07
Add Submarine cable [L30.1] joining 18° 13.3′ N 109° 31.0′ E
18° 12.1′ N 109° 30.7′ E
18° 11.5′ N 109° 30.7′ E
18° 08.2′ N 109° 30.0′ E
18° 06.2′ N 109° 30.0′ E
17° 55.4′ N 109° 44.0′ E
(38(849)06 Tianjin)

93680 3Ed. 9/23/95 LAST NM 36/07 51/07
Change Light to Fl(2) 6s 62m 18M Racon (C) 19° 05.9′ N 108° 36.8′ E
Visibility (range) of light to 6M 19° 06.4′ N 108° 38.0′ E
Light to Fl R 3s 8m 4M 19° 06.5′ N 108° 37.3′ E
(BA LL)

93680 3Ed. 9/23/95 LAST NM 51/07 26/08
Add Submarine pipeline [L40.1] with legend "Gas (see Note)" joining 18° 36.8′ N 107° 46.5′ E
18° 51.5′ N 108° 16.4′ E
18° 53.0′ N 108° 18.5′ E
18° 56.3′ N 108° 22.3′ E
18° 56.7′ N 108° 23.7′ E
18° 56.4′ N 108° 25.9′ E
18° 58.1′ N 108° 28.9′ E
18° 58.5′ N 108° 30.7′ E
19° 00.6′ N 108° 32.8′ E
19° 03.2′ N 108° 37.9′ E

Note
"PIPELINES
In many cases pipelines are not buried and charted depths may be decreased by up to two meters. In addition, gas pipelines contain flammable natural gas under high pressure. Any ship damaging a line could face an immediate fire hazard. Ships are requested not to anchor or trawl in the vicinity of pipelines." 19° 25.0′ N 109° 20.0′ E
(7(165)08 Tianjin)

93680 3Ed. 9/23/95 LAST NM 26/08 42/08
Add "Quarantine Anchorage No. 1" area bound by purple dashed-line circle, radius 1 mile, centered 19° 49.0′ N 108° 56.4′ E

Pilot station symbol [T1.1] 19° 49.0′ N 108° 56.4′ E
(3(45)08 Tianjin)

93680 3Ed. 9/23/95 LAST NM 42/08 8/10
Change Light to Fl R 3s 9m 8M 19° 06.5′ N 108° 37.3′ E
(Cna CH 16522)

93680 3Ed. 9/23/95 LAST NM 8/10 12/11
Add Dangerous submerged rock [K13] 20° 07.0′ N 109° 40.6′ E
Dangerous wreck [K28] (PA) 20° 01.4′ N 109° 31.6′ E
(Cna CH 16570)

93680 3Ed. 9/23/95 LAST NM 12/11 5/12
Add Light Fl 2s 30m 10M Racon (C) 19° 47.7′ N 109° 08.4′ E
(22(428)06 Tianjin; UKHO LL)

93680 3Ed. 9/23/95 LAST NM 5/12 8/13
Change Light to Fl 10s 40m 22M Racon (O) AIS 18° 30.4′ N 108° 41.2′ E

Add Danger circle [K1] (PA) 18° 14.5′ N 109° 28.8′ E
Light Fl(2) G 5s 12m 10M 18° 14.5′ N 109° 22.4′ E
Danger circle [K1] (PA) 18° 10.8′ N 109° 32.4′ E
AIS [S17.1] to light 18° 13.9′ N 109° 22.3′ E

Buoy BRB, pillar, double ball topmark, Fl(2) 5s [Q130.4] 18° 14.6′ N 109° 07.6′ E
Buoy BRB, pillar, double ball topmark, Fl(2) 5s [Q130.4] 18° 13.0′ N 109° 21.0′ E
(5(97)08, 18(589), 19(634, 635)09, 36(1338)11, 21(641), 24(743)12 Tianjin; UKHO ARCS 3991-0)

93680 3Ed. 9/23/95 LAST NM 8/13 9/13
Add Light Fl(2) 6s 35m 15M 18° 18.1′ N 109° 08.9′ E

Submarine pipeline [L40.1] with legend "CAUTION NO 2" between 17° 33.3′ N 108° 35.5′ E
17° 36.8′ N 108° 24.6′ E

Submarine pipeline [L40.1] with legend "CAUTION NO 2" between 17° 33.3′ N 108° 35.5′ E
18° 29.4′ N 108° 45.9′ E

Platform (lighted) "Ledong 15-1" [L2] 17° 36.8′ N 108° 24.6′ E
Platform (lighted) "Ledong 22-1" [L2] 17° 33.3′ N 108° 35.5′ E

Platform (lighted) [L10] 17° 36.1′ N 108° 25.3′ E
AIS [S17.1] to light 19° 05.9′ N 108° 36.8′ E
Dangerous wreck [K28] 17° 21.8′ N 109° 17.5′ E
Light Fl(2) 6s 31m 15M 19° 11.7′ N 108° 36.3′ E
Light Mo(C) Y 12s 17m 8M 20° 08.9′ N 109° 29.3′ E
Light Mo(C) Y 12s 16m 8M 19° 11.1′ N 108° 32.3′ E

"Safety Zone" area [N1.2] bound by purple composite line joining 18° 36.2′ N 107° 49.6′ E
18° 33.4′ N 107° 43.9′ E
18° 33.4′ N 107° 41.1′ E
18° 36.0′ N 107° 38.2′ E
18° 38.8′ N 107° 41.0′ E
18° 38.9′ N 107° 46.7′ E
(5(93), 7(162), 23(783), 29(1033)08, 19(628, 629), 28(979)11, 33(1222)12 Tianjin; 2(156)11 Taunton)

93680 3Ed. 9/23/95 LAST NM 9/13 10/13
Substitute Depth 21 meters Wk [K26] for dangerous wreck 18° 40.6′ N 108° 32.0′ E

Add Light Fl(3) 9s 16m 10M 18° 12.5′ N 109° 28.3′ E
Danger circle "Obstn" [K40] (PA) 18° 14.1′ N 109° 18.2′ E
Light Fl 5s 122m 18M 18° 11.1′ N 109° 41.8′ E

Purple composite line (anchoring and fishing prohibited area limit) joining 18° 11.3′ N 109° 28.8′ E
18° 05.7′ N 109° 27.8′ E
17° 53.1′ N 109° 44.0′ E

Purple composite line (anchoring and fishing prohibited area limit) joining 18° 09.7′ N 109° 34.3′ E
18° 05.2′ N 109° 34.9′ E
17° 58.2′ N 109° 44.0′ E

Buoy "No 5" Y, pillar 18° 17.0′ N 108° 44.0′ E
Note from Subsection I-2 18° 27.5′ N 109° 23.5′ E
(NGA; 5(452)12 Taunton; UKHO ARCS 3989-0)

★**93688** 3Ed. 7/28/90 NEW EDITION N42/90
(DMAHTC)

93688 3Ed. 7/28/90 LAST NM N42/90 N19/91
Add Wreck 19° 23′ 25″N 108° 37′ 09″E
(23(111)90 Tianjin)

93688 3Ed. 7/28/90 LAST NM N19/91 N30/94
Add Caution note
"CAUTION
Numerous fishing stakes exist in the vicinity." 18° 54′ 00″N 108° 46′ 00″E

(continued on next page)

93688 (Continued) 30/94
(And Plan)
Delete Legend "Seasonal...tackles" 19° 06′ 08″N 108° 35′ 44″E

Add Legend "SEE CAUTION" 19° 05′ 30″N 108° 35′ 00″E
(11(82)94 Tianjin)

93688 3Ed. 7/28/90 LAST NM N30/94 N26/97
Delete Light 18° 50.3′ N 108° 37.5′ E

Add Light Fl 6s 47m 18M Racon 18° 50′ 33″N 108° 38′ 03″E
(9(98)97 Tianjin)

93688 3Ed. 7/28/90 LAST NM N26/97 N15/98
Change Light to Fl 8s 96m 20M Racon 19° 21.9′ N 108° 41.0′ E
(3(24)98 Tianjin)

93688 3Ed. 7/28/90 LAST NM N15/98 N27/98
(And Plan)
Delete Range light, rear 19° 06′ 24″N 108° 37′ 58″E

Change Range light, front to FR 14m 10M
19° 06′ 24″N 108° 37′ 56″E

Add Range light, rear FR 21m 10M
19° 06′ 23.9″N 108° 38′ 05.0″E

Dashed line between 19° 06′ 23.9″N 108° 38′ 05.0″E
19° 06′ 23.9″N 108° 37′ 58.4″E

(Plan)
Change Legend "089° 15′ " to "089° 03′ "
19° 06′ 22″N 108° 36′ 35″E
(7(65)98 Tianjin)

93688 3Ed. 7/28/90 LAST NM N27/98 N18/04
Delete "Pilot and Quarantine Anchorage" area
in vicinity 19° 07′ 07″N 108° 35′ 45″E

(Plan)
Delete "Pilot and Quarantine Anchorage" area
in vicinity 19° 07′ 07″N 108° 35′ 45″E
(24(477)03 Tianjin)

93688 3Ed. 7/28/90 LAST NM N18/04 N51/07
Change Light to Fl(2) 6s 62m 18M Racon (C)
19° 05′ 59″N 108° 36′ 49″E

Light to FR 26m 6M 19° 06′ 24″N 108° 38′ 05″E
Light to FR 21m 6M 19° 06′ 24″N 108° 37′ 56″E
Light to Fl G 3s 9m 4M 19° 06′ 20″N 108° 37′ 19″E
Visibility (range) of light to 4M
19° 06′ 27″N 108° 37′ 18″E
Visibility (range) of light to 4M
19° 06′ 20″N 108° 37′ 18″E

(Plan)
Change Light to Fl(2) 6s 62m 18M Racon (C)
19° 05′ 59.0″N 108° 36′ 49.5″E

Light to FR 21m 6M 19° 06′ 24.0″N 108° 37′ 56.0″E
Light to FR 26m 6M 19° 06′ 23.9″N 108° 38′ 05.0″E
Light to Fl R 3s 8m 4M 19° 06′ 27.3″N 108° 37′ 18.0″E
Light to Fl G 3s 9m 4M 19° 06′ 20.0″N 108° 37′ 19.0″E
(BA LL)

93688 3Ed. 7/28/90 LAST NM N51/07 N26/08
Add Submarine pipeline [L40.1] with legend "Gas
(see Note)" joining 18° 50′ 52″N 108° 15′ 00″E
18° 51′ 22″N 108° 16′ 02″E
18° 51′ 33″N 108° 16′ 23″E
18° 53′ 02″N 108° 18′ 28″E
18° 56′ 18″N 108° 22′ 19″E
18° 56′ 44″N 108° 23′ 43″E
18° 56′ 27″N 108° 25′ 57″E
18° 58′ 05″N 108° 28′ 54″E
18° 58′ 28″N 108° 30′ 40″E
19° 00′ 36″N 108° 32′ 49″E
19° 03′ 12″N 108° 37′ 53″E

Note
"PIPELINES
In many cases pipelines are not buried and charted depths may be decreased by up to two meters. In addition, gas pipelines contain flammable natural gas under high pressure. Any ship damaging a line could face an immediate fire hazard. Ships are requested not to anchor or trawl in the vicinity of pipelines."
18° 48′ 00″N 109° 13′ 00″E
(7(165)08 Tianjin)

93688 3Ed. 7/28/90 LAST NM N26/08 N8/10
Change Visibility (range) of light to 8M
19° 06′ 27″N 108° 37′ 18″E
Visibility (range) of light to 8M
19° 06′ 20″N 108° 37′ 18″E

(Plan)
Change Light to Fl R 3s 9m 8M 19° 06′ 27.3″N 108° 37′ 18.0″E
Visibility (range) of light to 8M
19° 06′ 20.0″N 108° 37′ 19.0″E
(Cna CH 16522)

93688 3Ed. 7/28/90 LAST NM N8/10 N12/10
Add Anchorage area "No 1" [N12.2] bound by
purple dashed-line circle, radius 0.5 mile,
centered 19° 07′ 11″N 108° 36′ 14″E
Anchorage area "No 2" [N12.2] bound by
purple dashed-line circle, radius 0.5 mile,
centered 19° 07′ 11″N 108° 35′ 14″E
Anchorage area "No 3" [N12.2] bound by
purple dashed-line circle, radius 1mile,
centered 19° 07′ 11″N 108° 33′ 44″E

(Plan)
Add Anchorage area "No 1" [N12.2] bound by
purple dashed-line circle, radius 0.5 mile,
centered 19° 07′ 10.6″N 108° 36′ 13.8″E
Anchorage area "No 2" [N12.2] bound by
purple dashed-line circle, radius 0.5 mile,
centered 19° 07′ 10.6″N 108° 35′ 13.8″E
(Cna CH 16521)

93688 3Ed. 7/28/90 LAST NM N12/10 N9/13
Add AIS [S17.1] to light 19° 05′ 59″N 108° 36′ 49″E
Light Fl(2) 6s 31m 15 M 19° 11′ 44″N 108° 36′ 21″E
Light Mo(C) Y 12s 16m 8M 19° 11′ 08″N 108° 32′ 17″E

(Plan)
Add AIS [S17.1] to light 19° 05′ 59.0″N 108° 36′ 49.5″E
(5(93), 23(783)08, 33(1222)12 Tianjin)

★**93690** 3Ed. 4/21/07 NEW EDITION 28/07
(NGA)

93690 3Ed. 4/21/07 LAST NM 28/07 39/07
Delete Racon from light 20° 13.8′ N 110° 06.7′ E
(27(830)07 Tianjin)

93690 3Ed. 4/21/07 LAST NM 39/07 12/10
Change Characteristic of light to L Fl R 5s 20° 00.2′ N 110° 07.8′ E
(Cna CH 15819)

93690 3Ed. 4/21/07 LAST NM 12/10 4/11
Add Beacon W, cone topmark,
Mo(C) WRG 12s 34m 8M 19° 59.3′ N 109° 56.8′ E
(27(1262)10 Tianjin)

93690 3Ed. 4/21/07 LAST NM 4/11 13/11
Add Light Mo(C) WRG 12s 13m 8M 20° 15.3′ N 109° 56.9′ E
(3(60)11 Tianjin)

93690 3Ed. 4/21/07 LAST NM 13/11 16/11
Change Light to Al Fl(3+1) WR 42s 40m 15M
20° 01.2′ N 110° 16.1′ E
(Cna CH 15700)

93690 3Ed. 4/21/07 LAST NM 16/11 40/12
Add Light Fl(2) 6s 23m 5M 20° 14.4′ N 110° 10.7′ E
(2(55)12 Tianjin)

93690 3Ed. 4/21/07 LAST NM 40/12 8/13
Change Light to "Dazhou Dao" Fl 5s 175m 15M Racon
(X) AIS 18° 39.7′ N 110° 28.9′ E

Add Light Iso R 2s 10m 10M 18° 35.3′ N 110° 10.7′ E
Light Iso R 2s 12m 10M 18° 16.7′ N 109° 43.5′ E
Light Fl 3s 11m 10M 19° 24.4′ N 110° 44.1′ E
(5(95)08, 24(743)12 Tianjin; UKHO ARCS 3991-0)

93690 3Ed. 4/21/07 LAST NM 8/13 9/13
Add AIS [S17.1] to light 19° 31.9′ N 110° 50.7′ E
(5(96)08 Tianjin)

★93695 1Ed. 5/3/08 NEW CHART N24/08
(NGA)

93695 1Ed. 5/3/08 LAST NM N24/08 N8/13
Add Buoy BRB, spar, double ball topmark, Fl(2) 5s
[Q130.4] 18° 14′ 29.3″N 109° 28′ 47.6″E
Buoy BRB, pillar, double ball topmark, Fl(2) 5s
[Q130.4] 18° 12′ 59.1″N 109° 21′ 01.6″E

Danger circle [K1] (PA) 18° 14′ 28.0″N 109° 28′ 49.1″E
Light Fl(2) G 5s 12m 10M 18° 14′ 28.2″N 109° 22′ 24.3″E
Purple circle to light 18° 13′ 48.1″N 109° 22′ 07.1″E
(5(97)08, 19(635)09, 21(641), 24(743)12 Tianjin)

93695 1Ed. 5/3/08 LAST NM N8/13 N9/13
Substitute Solid line with land tint for dashed line in
vicinity 18° 14′ 30.8″N 109° 29′ 23.2″E
and delete legend "Under Construction (2007)"
(Cna 16342)

93695 1Ed. 5/3/08 LAST NM N9/13 N10/13
Delete Dashed-line area and legends "Harbor Limit"
(2) between 18° 12′ 51.8″N 109° 25′ 02.7″E
18° 12′ 51.8″N 109° 29′ 10.1″E

Dashed-line area and legends "Harbor Limit"
(2) between 18° 13′ 15.9″N 109° 24′ 55.9″E
18° 17′ 23.4″N 109° 24′ 55.9″E

Add Depth 0.9 meter enclosed by depth contour
(2-meter) centered 18° 17′ 25.2″N 109° 20′ 43.0″E

Submarine cable (power) [L31.1] between
18° 17′ 19.4″N 109° 22′ 13.6″E
18° 14′ 44.2″N 109° 22′ 07.8″E

Submarine pipeline (water) [L41.1] between
18° 17′ 15.6″N 109° 22′ 18.1″E
18° 14′ 43.5″N 109° 22′ 18.7″E

Buoy Y, pillar, "X" topmark, Mo(O) Y 12s
[Q130.6] 18° 12′ 37.3″N 109° 26′ 54.3″E

"Harbor Limit" area [N49] bound by shore and
purple dashed line joining 18° 17′ 24.2″N 109° 21′ 13.3″E
18° 11′ 47.3″N 109° 21′ 13.3″E
18° 11′ 47.3″N 109° 28′ 31.7″E

Submarine cable [L30.1] between
18° 11′ 05.0″N 109° 30′ 36.3″E
18° 09′ 58.9″N 109° 30′ 22.5″E

Light Fl(3) W 9s 16m 10M 18° 12′ 33.2″N 109° 28′ 15.0″E

"Under construction 2010" area [F31] bound
by shore and dashed line joining
18° 14′ 32.5″N 109° 29′ 51.1″E
18° 14′ 32.1″N 109° 29′ 49.6″E
18° 14′ 29.0″N 109° 29′ 49.6″E
18° 14′ 29.0″N 109° 29′ 51.4″E

Note from Subsection I-2 18° 17′ 34.0″N 109° 29′ 47.0″E
(NGA; 5(452)12 Taunton; UKHO ARCS 3893-2)

★93698 3Ed. 3/23/96 NEW EDITION 24/96
Change Light to Fl 10s 72m 22M Racon (PA)
18° 09.4′ N 109° 34.3′ E
(DMA; 7(72)96 Tianjin)

93698 3Ed. 3/23/96 LAST NM 24/96 43/00
Change Light to Fl 3s 15m 10M 18° 14′ 05″N 109° 28′ 42″E
(2(24)99 Tianjin)

93698 3Ed. 3/23/96 LAST NM 43/00 45/02
Change Visibility (range) of light to 18M
18° 13′ 41″N 109° 21′ 57″E
(BA LL)

93698 3Ed. 3/23/96 LAST NM 45/02 28/03
Add Stranded wreck [K24] (PA) 18° 12′ 20″N 109° 32′ 47″E
(18(350)03 Tianjin)

93698 3Ed. 3/23/96 LAST NM 28/03 6/04
Change Characteristic of buoy "1" to Fl(3) G 10s
18° 13′ 49″N 109° 28′ 50″E
(20(375)03 Tianjin)

93698 3Ed. 3/23/96 LAST NM 6/04 36/07
Add Submarine cable [L30.1] joining
18° 13′ 18″N 109° 31′ 00″E
18° 12′ 06″N 109° 30′ 42″E
18° 11′ 30″N 109° 30′ 42″E
18° 08′ 12″N 109° 30′ 00″E
18° 06′ 12″N 109° 30′ 00″E
18° 00′ 53″N 109° 36′ 26″E
(38(849)06 Tianjin)

93698 3Ed. 3/23/96 LAST NM 36/07 51/07
Change Light to FR 26m 6M 18° 14′ 08″N 109° 29′ 44″E
Light to FR 33m 6M 18° 14′ 12″N 109° 29′ 55″E
(BA LL)

★93698 3Ed. 3/23/96 LAST NM 51/07 24/08
Add Purple outline of chart 93695 joining
18° 09′ 59″N 109° 16′ 51″E
18° 19′ 19″N 109° 16′ 51″E
18° 19′ 19″N 109° 30′ 36″E
18° 09′ 59″N 109° 30′ 36″E
(NGA)

93698 3Ed. 3/23/96 LAST NM 24/08 8/13
Add Danger circle [K1] (PA) 18° 14′ 28″N 109° 28′ 49″E

Buoy BRB, spar, double ball topmark, Fl(2) 5s
[Q130.4] 18° 14′ 29″N 109° 28′ 48″E

Light Iso R 2s 12m 10M 18° 16′ 44″N 109° 43′ 32″E
Light Fl(2) G 5s 12m 10M 18° 14′ 28″N 109° 22′ 24″E
Danger circle [K1] (PA) 18° 10′ 50″N 109° 32′ 21″E
AIS [S17.1] to light 18° 13′ 41″N 109° 21′ 57″E

Buoy BRB, pillar, double ball topmark, Fl(2) 5s
[Q130.4] 18° 12′ 59″N 109° 21′ 02″E
(5(97)08, 18(589), 19(635)09, 21(641), 24(743)12 Tianjin)

93698 3Ed. 3/23/96 LAST NM 8/13 9/13
Add Light Fl(2) 6s 35m 15M 18° 18′ 06″N 109° 08′ 51″E
(28(979)11 Tianjin)

93698 3Ed. 3/23/96 LAST NM 9/13 10/13
Add Light Fl(3) 9s 16m 10M 18° 12′ 34″N 109° 28′ 14″E
Note from Subsection I-2 18° 25′ 00″N 109° 21′ 15″E
(NGA; 5(452)12 Taunton)

★93710 4Ed. 4/27/13 NEW EDITION N31/13
(NGA)

★93717 1Ed. 9/1/50 NEW CHART N40/50
(USHO)

93717 1Ed. 9/1/50 LAST NM N40/50 N50/59
Add Light Fl 7 ½s 30M (PA) 19° 38′ 30″N 111° 02′ 00″E
(42(2432)59 Taunton)

93717 1Ed. 9/1/50 LAST NM N50/59 N36/79
Delete Lights 19° 31′ 41″N 110° 51′ 40″E
19° 20′ 21″N 110° 40′ 27″E
(14(897)79 Taunton)

93717 1Ed. 9/1/50 LAST NM N36/79 N20/91
Change Light to Fl(2) 8s 136m 15M (PA) 19° 38.5′ N 111° 02.0′ E
(15(58)90 Tianjin)

★**93717** 1Ed. 9/1/50 LAST NM N20/91 N31/93
Add Solid line (pier) joining 19° 19′ 09″N 110° 40′ 12″E
19° 18′ 46″N 110° 40′ 15″E
19° 19′ 45″N 110° 40′ 06″E
(MCC C0013/93)

93717 1Ed. 9/1/50 LAST NM N31/93 N32/98
Change Light to Fl(2) 8s 140m 18M Racon (PA)
19° 38.5′ N 111° 02.0′ E
(11(103)98 Tianjin)

93717 1Ed. 9/1/50 LAST NM N32/98 N8/13
Add Light Fl 3s 11m 10M 19° 24′ 21″N 110° 44′ 04″E
(24(743)12 Tianjin)

93717 1Ed. 9/1/50 LAST NM N8/13 N9/13
Add Light Fl(2) 10s 26m 15M AIS 19° 31′ 53″N 110° 50′ 44″E
(5(96)08 Tianjin; UKHO LL)

★**93720** 11Ed. 7/7/07 NEW EDITION 41/07
(NGA)

93720 11Ed. 7/7/07 LAST NM 41/07 48/07
Add Dangerous wreck [K28] "Rep (2007)" (PA)
21° 37.0′ N 113° 46.0′ E
(26(798)07 Tianjin)

93720 11Ed. 7/7/07 LAST NM 48/07 4/08
Add Depth 15.1 meters Obstn [K41] 22° 12.2′ N 114° 14.5′ E
(41(1313)07 Tianjin)

93720 11Ed. 7/7/07 LAST NM 4/08 17/08
Add Wreck [K29] "Rep (2007)" (PA) 21° 01.0′ N 112° 43.0′ E
(5(91)08 Tianjin)

93720 11Ed. 7/7/07 LAST NM 17/08 28/08
Add Dangerous wreck [K28] 22° 07.6′ N 113° 38.5′ E
(18(609)08 Tianjin)

93720 11Ed. 7/7/07 LAST NM 28/08 31/08
Delete Buoy "No 1" 21° 42.2′ N 112° 25.6′ E

Legend "(PA)" from dangerous wreck
21° 54.9′ N 113° 25.3′ E

Add Wreck [K29] 20° 26.6′ N 113° 08.3′ E
(21(698, 701, 705)08 Tianjin)

93720 11Ed. 7/7/07 LAST NM 31/08 37/08
Add Depth 6.9 meters Obstn [K41] 22° 17.2′ N 113° 51.5′ E
(HK CH 3002)

93720 11Ed. 7/7/07 LAST NM 37/08 40/08
Add Light Fl(3) 10s 70m 7M 21° 31.9′ N 111° 40.0′ E
(43(1330)07 Tianjin)

93720 11Ed. 7/7/07 LAST NM 40/08 43/08
Substitute Depth 1.7 meters for 2.8 meters 22° 13.0′ N 114° 10.9′ E

Add Depth 12.7 meters 22° 17.6′ N 114° 05.2′ E
Dangerous wreck [K28] 21° 33.6′ N 112° 28.4′ E
(37(1200), 40(1290, 1291)07 Tianjin)

93720 11Ed. 7/7/07 LAST NM 43/08 45/08
Add Stranded wreck [K24] (PA) 21° 54.7′ N 113° 04.2′ E
(38(1236)07 Tianjin)

93720 11Ed. 7/7/07 LAST NM 45/08 51/08
Delete Depth 17 meters Obstn 22° 08.8′ N 114° 08.3′ E

Substitute Depth 19.3 meters for 17.8 meters 22° 13.8′ N 114° 17.3′ E
(HK CH 2502)

93720 11Ed. 7/7/07 LAST NM 51/08 6/09
Add Depth 10.1 meters Wk [K26] 22° 09.1′ N 114° 11.7′ E
(22(31)08 Hong Kong)

93720 11Ed. 7/7/07 LAST NM 6/09 13/09
Substitute Depth 13.3 meters Wk [K26] for
10.1 meters Wk 22° 09.1′ N 114° 11.7′ E
(See 6/09-93720)

Add Depth 14.9 meters Obstn [K41] 22° 14.5′ N 113° 49.4′ E
(3(6), 4(8)09 Hong Kong)

93720 11Ed. 7/7/07 LAST NM 13/09 25/09
Add Light Fl 3s 66m 12M 22° 06.8′ N 113° 52.1′ E
(11(306)09 Tianjin)

93720 11Ed. 7/7/07 LAST NM 25/09 49/09
Add Depth 6.5 meters 22° 14.6′ N 114° 03.1′ E
Light Fl 6s 14m 5M 22° 07.7′ N 113° 53.4′ E
(20(25, 27)09 Hong Kong)

93720 11Ed. 7/7/07 LAST NM 49/09 4/11
Change Light to Fl(2) 10s 116m 7M 21° 28.9′ N 111° 27.9′ E
(UKHO LL)

93720 11Ed. 7/7/07 LAST NM 4/11 15/11
Add Stranded wreck [K24] "Rep (2010)"
22° 13.0′ N 113° 38.7′ E

Dangerous wreck [K28] "Rep (2010)" (PA)
21° 49.4′ N 113° 07.6′ E

Dangerous wreck [K28] "Rep (2011)"
20° 28.0′ N 112° 22.0′ E
(6(150-152)11 Tianjin)

93720 11Ed. 7/7/07 LAST NM 15/11 26/11
Add Wreck [K29] "Rep (2011)" (PA) 21° 37.8′ N 113° 45.8′ E
(9(183)11 Tianjin)

93720 11Ed. 7/7/07 LAST NM 26/11 12/12
Add Dangerous wreck [K28] "Rep (2011)" (PA)
22° 11.8′ N 113° 48.2′ E
(5(5)12 Hong Kong)

93720 11Ed. 7/7/07 LAST NM 12/12 23/12
Add Stranded wreck [K24] 22° 00.0′ N 113° 26.7′ E
(14(386)12 Tianjin)

93720 11Ed. 7/7/07 LAST NM 23/12 27/12
Add Light Fl 8s 55m 18M 22° 10.8′ N 113° 47.7′ E
(12(28)12 Hong Kong; UKHO LL)

93720 11Ed. 7/7/07 LAST NM 27/12 30/12
Add Depth 30.9 meters Wk [K26] 21° 26.2′ N 113° 00.6′ E
(14(388)12 Tianjin)

93720 11Ed. 7/7/07 LAST NM 30/12 37/12
Add Light Fl 5s 8m 5M 21° 55.6′ N 113° 42.9′ E
Light Fl 5s 10m 5M 21° 56.6′ N 113° 40.6′ E
(35(1131, 1133)07 Tianjin)

93720 11Ed. 7/7/07 LAST NM 37/12 40/12
Add Dangerous wreck [K28] "Rep (2012)" (PA)
22° 06.6′ N 114° 16.3′ E
(19(54)12 Hong Kong)

93720 11Ed. 7/7/07 LAST NM 40/12 48/12
Change Visibility (range) of light to 18M 22° 06.8′ N 113° 52.1′ E
(23(60)12 Hong Kong)

93720 11Ed. 7/7/07 LAST NM 48/12 9/13
Delete Dangerous wreck "Rep (2012)" (PA)
22° 06.6′ N 114° 16.3′ E

(Supersedes 40/12-93720)
(3(6)13 Hong Kong)

93720 11Ed. 7/7/07 LAST NM 9/13 18/13
Delete Dangerous wreck (PA) 22° 06.0′ N 114° 09.0′ E
Depth 24.1 meters Wks 22° 07.4′ N 114° 14.2′ E

Depth 29.5 meters, blue tint and enclosing
dotted-line circle centered 22° 07.6′ N 114° 17.0′ E

(continued on next page)

93720 (Continued) 18/13

Depth 18.8 meters, blue tint and enclosing dotted-line circle centered 22° 08.2′ N 114° 18.1′ E

Dangerous wreck 22° 07.0′ N 114° 17.9′ E

Substitute Depth 21.1 meters Wk [K26] for 21.3 meters Wk 22° 08.6′ N 114° 10.8′ E
Depth 25.9 meters for 17.8 meters Obstn 22° 07.1′ N 114° 09.5′ E
Depth 26.1 meters Wk [K26] for 26.5 meters Wk 22° 07.6′ N 114° 15.0′ E

(13(362-365)12 Tianjin; 29(3167)12 Taunton; Cna CH 15379)

93720 11Ed. 7/7/07 LAST NM 18/13 28/13

Delete Depth 21.1 meters Wk 22° 08.6′ N 114° 10.8′ E
(See 18/13-93720)

Substitute Depth 24 meters for 25.9 meters 22° 07.1′ N 114° 09.5′ E

Add Depth 18.9 meters Wk [K26] 22° 08.6′ N 114° 10.9′ E
Depth 28 meters Wk [K26] 22° 07.6′ N 114° 14.4′ E

(7(21)13 Hong Kong)

93720 11Ed. 7/7/07 LAST NM 28/13 29/13

Delete Depth 6.9 meters Obstn 22° 17.2′ N 113° 51.5′ E

(10(29)13 Hong Kong)

93720 11Ed. 7/7/07 LAST NM 29/13 46/13

Add Submarine cable [L30.1] joining 20° 13.0′ N 114° 02.0′ E
20° 18.9′ N 114° 06.6′ E
20° 37.0′ N 114° 18.5′ E

Submarine cable [L30.1] joining 22° 06.8′ N 114° 18.5′ E
22° 06.2′ N 114° 15.4′ E
22° 07.9′ N 113° 58.6′ E
22° 13.5′ N 113° 55.9′ E

(5(78)10 Port Klang)

★93721 6Ed. 4/26/08 NEW EDITION N32/08

Add Stranded wreck [K24] (PA) 22° 12′ 11″N 113° 36′ 02″E
(Previously published 27/08)

Delete Buoy "R1" 22° 11′ 11″N 113° 47′ 31″E
Buoy "R3" 22° 12′ 21″N 113° 47′ 44″E
Buoy "R5" 22° 13′ 56″N 113° 48′ 04″E

Change Designation of buoy "R2" to "1"
22° 11′ 12″N 113° 47′ 21″E
Designation of buoy "R4" to "2"
22° 12′ 22″N 113° 47′ 34″E
Designation of buoy "R6" to "3"
22° 13′ 59″N 113° 47′ 52″E

Add Danger circle "Obstn" [K40] 22° 43′ 02″N 113° 42′ 45″E
Dangerous wreck [K28] 22° 07′ 36″N 113° 38′ 33″E
(Previously published 28/08)

(NGA)

93721 6Ed. 4/26/08 LAST NM N32/08 N37/08

Delete Depth 7.9 meters 22° 15′ 50″N 114° 01′ 43″E

Substitute Depth 1.5 meters Rk [K14.2] for 2.1 meters Rk
22° 16′ 43″N 114° 01′ 35″E
Rock awash [K12] for depth 1 meter
22° 22′ 25″N 113° 59′ 02″E

Depth 2.8 meters Wk "Rep (1993)" for 3.5 meters Wk "Rep (1993)" 22° 18′ 05″N 113° 50′ 53″E

Depth 3.8 meters for 4.7 meters
22° 19′ 48″N 113° 56′ 08″E

Change Designation of buoy "No 4" to "CP4"
22° 20′ 35″N 113° 57′ 30″E
Legend to "Dumping in Progress (2007)"
22° 19′ 54″N 113° 55′ 00″E

Add Buoy "CP5" G, conical, Fl(2) G 10s
22° 20′ 49″N 113° 57′ 41″E

Depth 5 meters Rk [K14.2] 22° 16′ 09″N 114° 01′ 51″E
Depth 6.9 meters Obstn [K41] 22° 17′ 13″N 113° 51′ 29″E

Depth 5.4 meters enclosed by depth contour (10-meter) centered 22° 09′ 56″N 114° 00′ 39″E
Depth 5 meters, blue tint and enclosing depth contour (5-meter) centered
22° 09′ 07″N 114° 00′ 53″E

Depth 8.9 meters enclosed by depth contour (10-meter) centered 22° 09′ 58″N 114° 02′ 07″E

Depth 15.5 meters 22° 20′ 49″N 113° 56′ 42″E
Depth 16.4 meters 22° 20′ 55″N 113° 56′ 16″E
Depth 20.9 meters 22° 20′ 05″N 113° 56′ 22″E

Anchorage symbol (large vessels) [N10]
22° 19′ 18″N 113° 58′ 48″E
Anchorage symbol (large vessels) [N10]
22° 19′ 18″N 113° 59′ 36″E

Buoy (mooring) [Q40] "A79" QY
22° 19′ 27″N 113° 59′ 30″E
Buoy (mooring) [Q40] "A80" QY
22° 19′ 20″N 113° 59′ 06″E

"Turning Area" bound by purple dashed-line circle, radius 0.2 mile, centered 22° 26′ 56″N 113° 53′ 39″E
"Turning Area" bound by purple dashed-line circle, radius 0.2 mile, centered 22° 28′ 14″N 113° 52′ 11″E

(22(29)06, 15(19), 21(26)07, 6(8), 14(19)08 Hong Kong; HK CH 1502, 1503, 1504, 3002)

93721 6Ed. 4/26/08 LAST NM N37/08 N39/08

Delete Floating dock 22° 27′ 26″N 113° 52′ 11″E
Floating dock 22° 26′ 56″N 113° 52′ 11″E

(27(982)08 Tianjin)

93721 6Ed. 4/26/08 LAST NM N39/08 N47/08

Delete Dangerous wreck 22° 26′ 12″N 113° 52′ 56″E
Dangerous wreck 22° 26′ 12″N 113° 52′ 38″E
Dangerous wreck 22° 29′ 29″N 113° 51′ 36″E
Dangerous wreck "Rep (1997)"
22° 31′ 17″N 113° 49′ 11″E

(37(1371)08 Tianjin)

93721 6Ed. 4/26/08 LAST NM N47/08 N51/08

Delete Light 22° 29′ 59″N 113° 56′ 50″E

(18(23)08 Hong Kong)

93721 6Ed. 4/26/08 LAST NM N51/08 N6/09

Delete Anchorage area in vicinity 22° 28′ 56″N 113° 56′ 40″E
Buoy (mooring) "A79" 22° 19′ 27″N 113° 59′ 30″E
Buoy (mooring) "A80" 22° 19′ 20″N 113° 59′ 06″E
(See 37/08-93721)

Add Legend "Works in Progress (2008)"
22° 21′ 50″N 113° 55′ 28″E

Pilot station symbol [T1.1] 22° 18′ 59″N 113° 50′ 16″E

(12(15), 22(29, 30), 24(35)08 Hong Kong)

93721 6Ed. 4/26/08 LAST NM N6/09 N8/09

Change Buoy "A1" to G, pillar, cone topmark, Fl G 4s
22° 25′ 12″N 113° 53′ 30″E

Add Buoy "(1)" R, can, Fl(2) R 6s 22° 26′ 34″N 113° 52′ 05″E
Buoy "(2)" G, conical, Fl(2) G 6s
22° 26′ 19″N 113° 52′ 35″E
Buoy "No 2" R, can, Fl(2) R 6s 22° 26′ 43″N 113° 53′ 10″E
Buoy (mooring) [Q40] "No 2" Y, Mo(Q) Y 12s
22° 25′ 16″N 113° 52′ 59″E
Buoy (mooring) [Q40] "No 3" Y, Mo(Q) Y 12s
22° 25′ 28″N 113° 52′ 58″E

(7(10)08, 1(1)09 Hong Kong)

93721 6Ed. 4/26/08 LAST NM N8/09 N13/09

Relocate Buoy "K3" from 22° 27′ 28″N 113° 52′ 38″E
to 22° 27′ 13″N 113° 52′ 44″E

Add Depth 14.9 meters Obstn [K41] 22° 14′ 31″N 113° 49′ 22″E

(3(6), 4(7)09 Hong Kong)

93721 6Ed. 4/26/08 LAST NM N13/09 N22/09

Delete Anchorage areas (2) in vicinity 22° 31′ 06″N 113° 50′ 57″E

"Long-term Liquid Cargo" anchorage area in vicinity 22° 28′ 54″N 113° 51′ 09″E
"Long-term Cargo Ship" anchorage area in vicinity 22° 27′ 30″N 113° 51′ 18″E

(continued on next page)

93721 (Continued) 22/09

Add Anchorage area [N12.1] bound by purple dashed line joining 22° 31′ 20″N 113° 50′ 31″E
22° 30′ 56″N 113° 51′ 01″E
22° 30′ 50″N 113° 50′ 56″E
22° 31′ 13″N 113° 50′ 27″E

Anchorage area [N12.1] bound by purple dashed line joining 22° 28′ 06″N 113° 51′ 05″E
22° 28′ 21″N 113° 51′ 40″E
22° 27′ 15″N 113° 52′ 07″E
22° 27′ 04″N 113° 51′ 46″E

"Liquid Cargo Anchorage" area [N12.3] bound by purple dashed line joining 22° 29′ 07″N 113° 50′ 25″E
22° 29′ 25″N 113° 51′ 12″E
22° 28′ 26″N 113° 51′ 38″E
22° 28′ 11″N 113° 51′ 03″E

(NTM0016/2009)

93721 6Ed. 4/26/08 LAST NM N22/09 N25/09

Delete Buoy "No 1" 22° 11′ 17″N 113° 45′ 18″E

Add Light Fl 3s 66m 12M 22° 06′ 50″N 113° 52′ 04″E

(49(1714)08, 11(306)09 Tianjin)

93721 6Ed. 4/26/08 LAST NM N25/09 N36/09

Delete Anchorage area in vicinity 22° 28′ 18″N 113° 56′ 30″E

Add Anchorage area [N12.1] bound by purple dashed line joining 22° 28′ 00″N 113° 56′ 12″E
22° 28′ 28″N 113° 56′ 14″E
22° 28′ 30″N 113° 56′ 37″E
22° 28′ 18″N 113° 56′ 44″E

(15(17)09 Hong Kong)

93721 6Ed. 4/26/08 LAST NM N36/09 N49/09

Delete Depth 4.8 meters, blue tint and enclosing depth contour (5-meter) centered 22° 21′ 45″N 113° 58′ 04″E

Add Depth 3.7 meters, blue tint and enclosing depth contour (5-meter) centered 22° 21′ 49″N 113° 58′ 04″E

(20(26)09 Hong Kong)

93721 6Ed. 4/26/08 LAST NM N49/09 N4/10

Substitute Depth 1.3 meters Wk [K26] for 2.8 meters Wk 22° 18′ 05″N 113° 50′ 53″E

Foul ground symbol [K31] for depth 6.6 meters Wk "Rep (1931)" 22° 19′ 36″N 113° 50′ 44″E

Add Depth 4.9 meters enclosed by depth contour (5-meter) centered 22° 19′ 38″N 113° 50′ 47″E
Depth 4.4 meters enclosed by depth contour (5-meter) centered 22° 19′ 27″N 113° 51′ 04″E

(19(24)09 Hong Kong)

93721 6Ed. 4/26/08 LAST NM N4/10 N7/10

Change Buoy "A1" to G, conical, Fl G 4s 22° 25′ 12″N 113° 53′ 30″E

(See N8/09-93721)

(24(33)09 Hong Kong)

93721 6Ed. 4/26/08 LAST NM N7/10 N27/10

Add Buoy "Weather 8" Y, pillar, Fl(2) Y 6s 22° 19′ 10″N 113° 57′ 53″E

Depth 4 meters, blue tint and enclosing depth contour (5-meter) centered 22° 21′ 52″N 113° 57′ 53″E

(11(20)10 Hong Kong)

93721 6Ed. 4/26/08 LAST NM N27/10 N29/10

Add Buoy YBY, pillar, double cone topmark points together, VQ(9) [Q130.3] 22° 21′ 38″N 113° 51′ 59″E

(11(21)10 Hong Kong)

93721 6Ed. 4/26/08 LAST NM N29/10 N32/10

Delete Legend "Works in Progress (2008)" 22° 21′ 50″N 113° 55′ 28″E

Add Depth 8.9 meters Wk [K26] 22° 22′ 30″N 113° 54′ 42″E

Buoy BRB, pillar, double ball topmark, Fl(2) 10s [Q130.4] 22° 22′ 28″N 113° 54′ 40″E

Submarine pipeline [L40.1] with legend "Oil CAUTION NO 8" joining 22° 22′ 01″N 113° 55′ 33″E
22° 21′ 11″N 113° 54′ 19″E
22° 21′ 09″N 113° 53′ 36″E
22° 21′ 12″N 113° 53′ 23″E

Pilot station symbol [T1.1] 22° 08′ 59″N 113° 50′ 02″E

(10(17), 12(23)10 Hong Kong)

93721 6Ed. 4/26/08 LAST NM N32/10 N37/10

Delete Danger circle and legend "Shallow Water Rep" in vicinity 22° 26′ 12″N 113° 52′ 20″E

Buoy "Weather 8" 22° 19′ 10″N 113° 57′ 53″E
(See N27/10-93721)

Add Buoy "Weather 8" Y, pillar, Fl(2) Y 6s 22° 18′ 21″N 113° 57′ 14″E

(27(1260)10 Tianjin; 17(32)10 Bangkok)

93721 6Ed. 4/26/08 LAST NM N37/10 N39/10

Add Dangerous wreck [K28] "Rep (2009)" 22° 11′ 26″N 113° 47′ 44″E

(6(272)10 Tianjin)

93721 6Ed. 4/26/08 LAST NM N39/10 N41/10

Substitute Depth 10.6 meters for danger circle "Foul" 22° 07′ 36″N 113° 47′ 14″E

(19(35)10 Hong Kong)

93721 6Ed. 4/26/08 LAST NM N41/10 N44/10

Delete Depth 8.9 meters Wk 22° 22′ 30″N 113° 54′ 42″E
Buoy 22° 22′ 28″N 113° 54′ 40″E
(See N32/10-93721)

(20(36)10 Hong Kong)

93721 6Ed. 4/26/08 LAST NM N44/10 N14/11

Change Light vessel to Fl 6s Horn Racon (K) AIS 22° 16′ 37″N 113° 48′ 20″E

(5(7)11 Hong Kong)

93721 6Ed. 4/26/08 LAST NM N14/11 N15/11

Add Stranded wreck [K24] "Rep (2010)" 22° 13′ 00″N 113° 38′ 42″E

(6(150)11 Tianjin)

93721 6Ed. 4/26/08 LAST NM N15/11 N16/11

Delete Traffic separation scheme and buoys (2) between 22° 11′ 12″N 113° 40′ 32″E
22° 11′ 48″N 113° 44′ 14″E

Dangerous wreck (PA) 22° 11′ 13″N 113° 45′ 20″E

Add Buoy "No 1" RW, pillar, ball topmark, Mo(A) 6s [Q130.5] 22° 11′ 33″N 113° 44′ 12″E
Buoy "No 2" RW, pillar, ball topmark, Iso 4s [Q130.5] 22° 10′ 57″N 113° 40′ 30″E

Purple heavy dashed line (outside limit of traffic lane) between 22° 11′ 27″N 113° 40′ 10″E
22° 12′ 07″N 113° 44′ 19″E
Purple heavy dashed line (outside limit of traffic lane) between 22° 10′ 23″N 113° 40′ 23″E
22° 11′ 03″N 113° 44′ 31″E

Purple tint area (traffic separation zone) [M13] bound by limit joining 22° 10′ 54″N 113° 40′ 31″E
22° 11′ 00″N 113° 40′ 30″E
22° 11′ 36″N 113° 44′ 11″E
22° 11′ 29″N 113° 44′ 13″E

Precautionary area [M24] bound by purple dashed-line circle, radius 1500 meters, centered 22° 10′ 48″N 113° 39′ 39″E

Precautionary area symbol [M16] 22° 11′ 03″N 113° 39′ 42″E

Precautionary area [M24] bound by purple dashed-line circle, radius 1500 meters, centered 22° 11′ 42″N 113° 45′ 04″E

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93721 (Continued) 16/11
Precautionary area symbol [M16]
22° 12′ 00″N 113° 45′ 00″E

Purple open-outlined arrow indicating flow of traffic [M10] oriented 080° 22° 11′ 05″N 113° 43′ 31″E
Purple open-outlined arrow indicating flow of traffic [M10] oriented 260° 22° 11′ 18″N 113° 41′ 21″E

Dangerous wreck [K28] (PA) 22° 10′ 58″N 113° 41′ 01″E
(32(1466)10 Tianjin; UKHO ARCS 341-0)

93721 6Ed. 4/26/08 LAST NM N16/11 N17/11
Substitute Beacon BRB, double ball topmark, Fl(2) [Q130.4] for buoy 22° 08′ 39″N 113° 46′ 34″E
(6(9)11 Hong Kong)

93721 6Ed. 4/26/08 LAST NM N17/11 N22/11
Add Depth 0.8 meter 22° 27′ 52″N 113° 56′ 02″E
(46(1735)09 Tianjin)

93721 6Ed. 4/26/08 LAST NM N22/11 N26/11
Change Beacon to Fl(2) 5s 20m 10M 22° 08′ 39″N 113° 46′ 34″E

Add Danger circle "Obstn Rep (2011)" [K40] (PA)
22° 08′ 12″N 113° 46′ 19″E

Racon (Y) [S3.1] to buoy 22° 01′ 55″N 113° 43′ 19″E
(10(214, 226, 227)11 Tianjin)

93721 6Ed. 4/26/08 LAST NM N26/11 N27/11
Substitute Depth 8.3 meters Obstn "Rep (2011)" [K41] (PA) for danger circle "Obstn Rep (2011)" (PA)
22° 08′ 12″N 113° 46′ 19″E
(See N26/11-93721)

Add Depth 5 meters, blue tint and enclosing depth contour (5-meter) centered
22° 17′ 01″N 113° 48′ 54″E
(11(21, 22)11 Hong Kong)

93721 6Ed. 4/26/08 LAST NM N27/11 N36/11
Change Visibility (range) of light to 12M
22° 06′ 49″N 113° 34′ 21″E
(26(905)11 Tianjin)

93721 6Ed. 4/26/08 LAST NM N36/11 N44/11
Add Depth 9.1 meters Obstn [K41] 22° 19′ 25″N 113° 58′ 36″E
Depth 16.6 meters 22° 24′ 29″N 113° 52′ 52″E
Depth 15.6 meters 22° 24′ 39″N 113° 52′ 50″E
(20(40)11 Hong Kong)

93721 6Ed. 4/26/08 LAST NM N44/11 N53/11
Delete Buoy 22° 23′ 59″N 113° 49′ 52″E

Add Buoy BRB, pillar, double ball topmark, Fl(2) [Q130.4] 22° 24′ 00″N 113° 49′ 50″E

Dangerous wreck (Masts) [K25]
22° 23′ 59″N 113° 49′ 49″E
(24(44)11 Hong Kong)

93721 6Ed. 4/26/08 LAST NM N53/11 N10/12
Delete Buoy "MCT2" 22° 18′ 57″N 113° 56′ 50″E
(4(3)12 Hong Kong)

93721 6Ed. 4/26/08 LAST NM N10/12 N12/12
Add Dangerous wreck [K28] "Rep (2011)" (PA)
22° 11′ 48″N 113° 48′ 12″E
(5(5)12 Hong Kong)

93721 6Ed. 4/26/08 LAST NM N12/12 N17/12
Delete Buoy "Airport 1" 22° 19′ 25″N 113° 57′ 01″E
Buoy "No 3" 22° 18′ 33″N 113° 57′ 29″E

Add Beacon "No 3" BRB, double ball topmark, Fl(2) 5s [Q130.4] 22° 17′ 04″N 113° 43′ 26″E
(6(7), 7(12)12 Hong Kong)

93721 6Ed. 4/26/08 LAST NM N17/12 N20/12
Delete Buoy "Weather 3" 22° 19′ 12″N 113° 57′ 41″E
(9(17)12 Hong Kong)

93721 6Ed. 4/26/08 LAST NM N20/12 N22/12
Add Dangerous wreck [K28] "Rep (2012)" (PA)
22° 31′ 00″N 113° 43′ 00″E
(10(21)12 Hong Kong)

93721 6Ed. 4/26/08 LAST NM N22/12 N27/12
Delete Buoy "No K3" 22° 27′ 13″N 113° 52′ 44″E
Buoy "No K2" 22° 27′ 00″N 113° 52′ 50″E

Change Visibility (range) of light to 18M
22° 10′ 46″N 113° 47′ 43″E
(12(26, 28)12 Hong Kong)

93721 6Ed. 4/26/08 LAST NM N27/12 N28/12
Add Purple circle and legend "AIS" to buoy "(1)"
22° 26′ 34″N 113° 52′ 05″E
Purple circle and legend "AIS" to buoy "No 2"
22° 26′ 43″N 113° 53′ 10″E
(13(30)12 Hong Kong)

93721 6Ed. 4/26/08 LAST NM N28/12 N32/12
Add Depth 6.7 meters Obstn [K41] 22° 13′ 17″N 114° 01′ 17″E
(15(36)12 Hong Kong)

93721 6Ed. 4/26/08 LAST NM N32/12 N36/12
Add Buoy Y, pillar, "X" topmark [Q130.6]
22° 08′ 56″N 113° 43′ 36″E
Buoy Y, pillar, "X" topmark [Q130.6]
22° 09′ 11″N 113° 43′ 53″E
Buoy Y, pillar, "X" topmark [Q130.6]
22° 08′ 56″N 113° 44′ 10″E
Buoy Y, pillar, "X" topmark [Q130.6]
22° 08′ 40″N 113° 43′ 53″E
(17(49)12 Hong Kong)

93721 6Ed. 4/26/08 LAST NM N36/12 N37/12
Change Characteristic of light to L Fl 6s
21° 59′ 13″N 113° 47′ 30″E
(35(1132)07 Tianjin; UKHO LL)

93721 6Ed. 4/26/08 LAST NM N37/12 N40/12
Add Buoy "Weather 9" Y, pillar, QY
22° 11′ 47″N 114° 02′ 03″E
(19(55)12 Hong Kong)

93721 6Ed. 4/26/08 LAST NM N40/12 N43/12
Add Legend "AIS" to buoy "K1" 22° 26′ 10″N 113° 53′ 12″E
(21(58)12 Hong Kong)

93721 6Ed. 4/26/08 LAST NM N43/12 N48/12
Delete Dangerous wreck "Rep (2009)"
22° 11′ 26″N 113° 47′ 44″E

Change Visibility (range) of light to 18M
22° 06′ 50″N 113° 52′ 04″E

Add Buoy "No 4" Y, pillar, "X" topmark, Mo(O) Y 12s [Q130.6] 22° 17′ 16″N 113° 50′ 02″E
(23(60)12 Hong Kong)

93721 6Ed. 4/26/08 LAST NM N48/12 N50/12
Delete Beacon "No 1" 22° 30′ 07″N 113° 46′ 09″E
Dangerous wreck (PA) 22° 29′ 10″N 113° 46′ 16″E
Stranded wreck "Rep (1998)" 22° 29′ 09″N 113° 46′ 06″E
Dangerous wreck 22° 24′ 42″N 113° 45′ 48″E
Swept depth 8.7 meters Obstn 22° 22′ 37″N 113° 46′ 32″E

Dangerous wreck "Rep (2004)" (PA)
22° 21′ 35″N 113° 45′ 49″E

Depth 6.6 meters Obstn 22° 21′ 17″N 113° 46′ 47″E

Relocate Buoy "No 24" from
22° 29′ 20″N 113° 44′ 54″E to 22° 29′ 29″N 113° 44′ 50″E
Buoy "No 23" from
22° 29′ 22″N 113° 45′ 05″E to 22° 29′ 13″N 113° 45′ 09″E
and add AIS [S17.2]

Buoy "No 14" from
22° 24′ 13″N 113° 45′ 36″E to 22° 24′ 17″N 113° 45′ 31″E
Buoy "No 13" from
22° 24′ 17″N 113° 45′ 47″E to 22° 24′ 11″N 113° 45′ 50″E

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93721 (Continued) 50/12

Substitute Depth 1.9 meters Wk [K26] for 1.7 meters Wk
22° 29′ 13″N 113° 46′ 05″E
Depth 4.6 meters Wk [K26] for 3.3 meters Wk
22° 27′ 34″N 113° 45′ 25″E

Depth 4.8 meters Wk [K26] for
swept depth 2.5 meters Wk 22° 25′ 07″N 113° 46′ 06″E

Depth 9 meters Obstn [K41] for 9.3 meters
22° 22′ 47″N 113° 46′ 20″E

Add Depth 8.9 meters Obstn [K41] 22° 22′ 39″N 113° 46′ 30″E
Depth 9.1 meters Obstn [K41] 22° 22′ 29″N 113° 46′ 35″E
AIS [S17.2] to buoy "No 26" 22° 30′ 16″N 113° 44′ 34″E
AIS [S17.2] to buoy "No 22" 22° 28′ 18″N 113° 45′ 03″E
AIS [S17.2] to buoy "No 20" 22° 27′ 16″N 113° 45′ 11″E
AIS [S17.2] to buoy "No 12" 22° 23′ 13″N 113° 46′ 11″E
AIS [S17.2] to buoy "No 9" 22° 22′ 19″N 113° 46′ 56″E
AIS [S17.2] to buoy "No 8" 22° 21′ 15″N 113° 47′ 20″E
AIS [S17.2] to buoy "No 1" 22° 13′ 57″N 113° 49′ 03″E
AIS [S17.2] to buoy "No 1" 22° 11′ 33″N 113° 44′ 12″E
AIS [S17.2] to buoy "1" 22° 11′ 12″N 113° 47′ 21″E
(24(62)12 Hong Kong)

93721 6Ed. 4/26/08 LAST NM N50/12 N6/13

Delete Buoy "No 1" 22° 24′ 57″N 113° 53′ 04″E
Buoy "No 2" 22° 25′ 16″N 113° 52′ 59″E
Buoy "No 3" 22° 25′ 28″N 113° 52′ 58″E
(2(1)13 Hong Kong)

93721 6Ed. 4/26/08 LAST NM N6/13 N9/13

Add Buoy G, conical 22° 16′ 28″N 113° 43′ 21″E
Buoy G, conical 22° 17′ 28″N 113° 43′ 21″E
(3(8)13 Hong Kong)

93721 6Ed. 4/26/08 LAST NM N9/13 N13/13

Relocate Buoy "No 5" from
22° 27′ 16″N 113° 54′ 03″E to 22° 27′ 06″N 113° 53′ 58″E
(5(13)13 Hong Kong)

93721 6Ed. 4/26/08 LAST NM N13/13 N27/13

Delete Buoy "No 1" 22° 18′ 22″N 113° 48′ 12″E

Add Buoy "No 1" G, conical, Fl(2) G 6s AIS
22° 18′ 12″N 113° 48′ 16″E

Beacon, Mo(U) 15s 10m 5M 22° 07′ 55″N 113° 43′ 54″E
(53(2158)12 Tianjin; 7(22)13 Hong Kong; UKHO ARCS 341-0)

93721 6Ed. 4/26/08 LAST NM N27/13 N28/13

Delete Buoy "No 4" 22° 17′ 16″N 113° 50′ 02″E
(See N48/12-93721)

Add Buoy Y, pillar, "X" topmark, Mo(O) [Q130.6]
22° 14′ 00″N 113° 48′ 18″E
(8(26)13 Hong Kong)

93721 6Ed. 4/26/08 LAST NM N28/13 N29/13

Delete Depth 6.9 meters Obstn 22° 17′ 13″N 113° 51′ 29″E
Buoy "1" 22° 11′ 12″N 113° 47′ 21″E
(See N50/12-93721)

Relocate Pilot station symbol from
22° 23′ 27″N 113° 53′ 40″E to 22° 25′ 01″N 113° 53′ 12″E

Buoy "No 12" from
22° 23′ 13″N 113° 46′ 11″E to 22° 23′ 01″N 113° 46′ 18″E

Add Dangerous wreck [K28] (PA) 22° 20′ 24″N 113° 47′ 34″E
Buoy G, conical, AIS 22° 11′ 09″N 113° 47′ 30″E
(10(29), 13(35, 36)13 Hong Kong)

93721 6Ed. 4/26/08 LAST NM N29/13 N30/13

Add Buoy "A1" G, conical, Fl(2) G 6s
22° 15′ 09″N 113° 48′ 55″E
Buoy "A2" R, can, Fl(2) R 6s 22° 15′ 05″N 113° 48′ 38″E
Buoy "A3" G, conical, Fl(2) G 6s
22° 15′ 56″N 113° 48′ 45″E
Buoy "A4" R, can, Fl(2) R 6s 22° 15′ 53″N 113° 48′ 28″E
Buoy "A5" G, conical, Fl(2) G 6s
22° 16′ 44″N 113° 48′ 34″E
Buoy "A7" G, conical, Fl(2) G 6s
22° 17′ 32″N 113° 48′ 24″E
Buoy "A8" R, can, Fl(2) R 6s 22° 17′ 29″N 113° 48′ 07″E
(47(1489)07 Tianjin)

93721 6Ed. 4/26/08 LAST NM N30/13 N32/13

Delete Dangerous wreck (PA) 22° 20′ 24″N 113° 47′ 34″E
(See N29/13-93721)
(15(39)13 Hong Kong)

93721 6Ed. 4/26/08 LAST NM N32/13 N33/13

Delete Buoy 22° 08′ 56″N 113° 43′ 36″E
Buoy 22° 09′ 11″N 113° 43′ 53″E
Buoy 22° 08′ 56″N 113° 44′ 10″E
Buoy 22° 08′ 40″N 113° 43′ 53″E
(See N36/12-93721)

Add Buoy BY, pillar, double cone topmark points
upward, VQ [Q130.3] 22° 43′ 32″N 113° 39′ 36″E
(16(40)13 Hong Kong; 23(858)13 Tianjin)

93721 6Ed. 4/26/08 LAST NM N33/13 N38/13

Substitute Depth 9.9 meters enclosed by depth contour
(10-meter) for 12.6 meters 22° 27′ 37″N 113° 54′ 06″E
(18(44)13 Hong Kong)

93721 6Ed. 4/26/08 LAST NM N38/13 N40/13

Add Depth 0.2 meter enclosed by depth contour
(2-meter) centered 22° 11′ 09″N 113° 53′ 55″E
(19(46)13 Hong Kong)

93721 6Ed. 4/26/08 LAST NM N40/13 N44/13

Delete Buoy "G5" 22° 27′ 49″N 113° 54′ 33″E
Buoy "G6" 22° 27′ 49″N 113° 54′ 29″E
Buoy "8" 22° 28′ 05″N 113° 54′ 27″E

Add Buoy "8" G, can, Fl(2) G 6s 22° 27′ 54″N 113° 54′ 29″E
(23(695)12 Tianjin)

93721 6Ed. 4/26/08 LAST NM N44/13 N46/13

Add Submarine cable [L30.1] joining
22° 07′ 08″N 114° 03′ 00″E
22° 07′ 55″N 113° 58′ 37″E
22° 13′ 31″N 113° 55′ 52″E
(5(78)10 Port Klang)

93721 6Ed. 4/26/08 LAST NM N46/13 N48/13

Delete Depth 9.1 meters Obstn 22° 19′ 25″N 113° 58′ 36″E

Add Buoy "A3" BYB, pillar, double cone topmark
bases together, Q(3) 10s [Q130.3]
22° 26′ 05″N 113° 52′ 47″E
Buoy Y, pillar, "X" topmark, Mo(P) [Q130.6]
22° 16′ 40″N 113° 47′ 29″E
Buoy Y, pillar, "X" topmark, Mo(P) [Q130.6]
22° 16′ 40″N 113° 47′ 12″E
Buoy Y, pillar, "X" topmark, Mo(P) [Q130.6]
22° 17′ 19″N 113° 47′ 12″E
Buoy Y, pillar, "X" topmark, Mo(P) [Q130.6]
22° 17′ 19″N 113° 47′ 29″E
(22(53, 54), 23(56)13 Hong Kong)

93721 6Ed. 4/26/08 LAST NM N48/13 N51/13

Delete Buoy 22° 16′ 28″N 113° 43′ 21″E
Buoy 22° 17′ 28″N 113° 43′ 21″E
(See N9/13-93721)

Add Buoy Y, pillar, "X" topmark, Mo(O) [Q130.6]
22° 16′ 20″N 113° 42′ 44″E
Buoy Y, pillar, "X" topmark, Mo(O) [Q130.6]
22° 17′ 23″N 113° 42′ 45″E
(24(59)13 Hong Kong)

93721 6Ed. 4/26/08 LAST NM N51/13 N8/14

Add Buoy "Urmston" BYB, pillar, double cone
topmark bases together, Q(3) 10s [Q130.3]
22° 25′ 27″N 113° 52′ 54″E
Buoy Y, pillar, "X" topmark, Mo(O) [Q130.6]
22° 17′ 32″N 113° 47′ 44″E
Buoy Y, pillar, "X" topmark, Mo(O) [Q130.6]
22° 16′ 01″N 113° 47′ 44″E
Buoy Y, pillar, "X" topmark, Mo(O) [Q130.6]
22° 10′ 38″N 113° 47′ 22″E
Depth 6.5 meters Obstn [K41] 22° 18′ 39″N 113° 50′ 04″E
(2(2), 3(5, 6)14 Hong Kong)

★**93725** 6Ed. 12/12/98 NEW EDITION 16/99
(NIMA)

93725 6Ed. 12/12/98 LAST NM 16/99 6/00
Change Beacon "5" to WGW, Fl G 4s 8m 3M
22° 10′ 53.2″N 113° 34′ 40.8″E
Beacon "3" to WGW, Fl G 2s 8m 3M
22° 10′ 40.4″N 113° 35′ 04.8″E
Beacon "4" to WRW, Fl R 2s 8m 3M
22° 10′ 58.2″N 113° 34′ 21.0″E
Beacon "2" to RW, Fl R 4s 8m 3M Racon
22° 10′ 33.6″N 113° 34′ 59.4″E
(10(150)99 Lisboa)

93725 6Ed. 12/12/98 LAST NM 6/00 9/00
Change Beacon "7" to WGW, Fl G 3s 8m 3M
22° 11′ 13.8″N 113° 34′ 12.0″E
Visibility (range) of beacon "DN4" to 5M
22° 11′ 13.2″N 113° 34′ 16.8″E
Visibility (range) of light "PN" to 5M
22° 11′ 24.6″N 113° 33′ 49.2″E
Visibility (range) of light "PS" to 5M
22° 11′ 24.0″N 113° 33′ 46.8″E
(10(150)99 Lisboa)

93725 6Ed. 12/12/98 LAST NM 9/00 12/00
Change Visibility (range) of beacon "9" to 3M
22° 11′ 27.6″N 113° 33′ 48.6″E
Beacon "8" to RW, Fl R 4s 7m 3M
22° 11′ 27.0″N 113° 33′ 35.4″E
(10(150)99 Lisboa)

93725 6Ed. 12/12/98 LAST NM 12/00 3/01
Delete Buoy "3" 22° 10′ 40.6″N 113° 34′ 19.3″E
Buoy "S" 22° 10′ 25.5″N 113° 34′ 54.0″E
Buoy "A2" 22° 10′ 03.5″N 113° 35′ 20.8″E
Buoy "N" 22° 10′ 14.2″N 113° 35′ 01.5″E

Change Designation of light "4" to "8"
22° 10′ 48.6″N 113° 33′ 47.4″E
Designation of light "2" to "6"
22° 10′ 48.0″N 113° 33′ 49.2″E

Add Buoy "A3" Y, pillar, "X" topmark
22° 10′ 10.8″N 113° 35′ 12.6″E
Buoy "A2" R, pillar, can topmark, Fl R 3s
22° 10′ 16.2″N 113° 35′ 03.0″E
Buoy "4" R, pillar, can topmark, Fl R 4s
22° 10′ 39.0″N 113° 34′ 19.2″E
Buoy "2/A4" R, pillar, can topmark, Fl R 5s
22° 10′ 05.4″N 113° 35′ 22.2″E
Buoy "3" G, pillar, cone topmark, Fl G 3s
22° 10′ 31.2″N 113° 34′ 37.2″E
(10(150)99 Lisboa; Por CH 96301)

93725 6Ed. 12/12/98 LAST NM 3/01 4/01
Relocate Buoy "W" from
22° 10′ 48.0″N 113° 31′ 49.5″E to
22° 10′ 44.4″N 113° 31′ 49.8″E
Buoy "9" from
22° 10′ 54.5″N 113° 33′ 15.5″E to
22° 10′ 54.0″N 113° 33′ 06.6″E

Change Designation of light "6" to "12"
22° 10′ 46.8″N 113° 32′ 46.2″E
Designation of light "8" to "14"
22° 10′ 46.2″N 113° 32′ 41.4″E
Buoy "15" to G, pillar, cone topmark, Fl G 5s
22° 10′ 41.4″N 113° 32′ 05.4″E
Beacon "10" to "16" WRW, Fl R 5s 8m 3M
Ra Ref 22° 10′ 38.9″N 113° 31′ 45.6″E

Add Buoy "10" R, pillar, can topmark, Fl R 2s
22° 10′ 52.8″N 113° 33′ 21.6″E
(10(150)99 Lisboa; Por CH 96301)

93725 6Ed. 12/12/98 LAST NM 4/01 8/01
Add Danger circle "Obstn" [K40] (PA)
22° 12′ 00.0″N 113° 38′ 04.0″E
(4(34)00 Tianjin)

93725 6Ed. 12/12/98 LAST NM 8/01 20/02
Delete Beacon "Etar-Macau" 22° 12′ 36.5″N 113° 33′ 58.5″E
Beacon "Etar-Taipa" 22° 10′ 00.0″N 113° 34′ 23.0″E

Change Characteristic of superbuoy "ODAS" to
Fl(5) Y 20s 22° 07′ 56.0″N 113° 36′ 41.0″E

Characteristic of buoy "01N" to Q
22° 07′ 58.0″N 113° 36′ 41.0″E
Characteristic of buoy "02W" to Q(9) 15s
22° 07′ 56.0″N 113° 36′ 38.0″E
Characteristic of buoy "03S" to Q(6) + L Fl 15s
22° 07′ 55.0″N 113° 36′ 42.0″E
Visibility (range) of light to 12M
22° 06′ 49.5″N 113° 34′ 21.5″E
(BA LL; 10(150)99 Lisboa)

93725 6Ed. 12/12/98 LAST NM 20/02 45/02
Change Light to Fl 4s 5m 5M 22° 08′ 21.1″N 113° 34′ 45.5″E
(BA LL)

93725 6Ed. 12/12/98 LAST NM 45/02 24/03
Add Buoy R, pillar, can topmark, Fl R 5s
22° 10′ 39.9″N 113° 31′ 48.3″E
(13(209)03 Tianjin)

93725 6Ed. 12/12/98 LAST NM 24/03 49/03
Add Dangerous wreck [K28] (PA)
22° 07′ 37.2″N 113° 38′ 31.1″E
(36(765)03 Tianjin)

93725 6Ed. 12/12/98 LAST NM 49/03 8/05
Add Dangerous wreck [K28] (PA)
22° 11′ 03.0″N 113° 37′ 06.2″E

Quarantine anchorage symbol [N12.8]
22° 07′ 36.0″N 113° 40′ 06.0″E
(48(1026, 1027)04 Tianjin)

93725 6Ed. 12/12/98 LAST NM 8/05 51/06
Add Stranded wreck [K24] (PA) 22° 10′ 23.0″N 113° 38′ 56.0″E
(36(783)06 Tianjin)

93725 6Ed. 12/12/98 LAST NM 51/06 27/08
Add Stranded wreck [K24] (PA) 22° 12′ 11.0″N 113° 36′ 02.0″E
(19(640)08 Tianjin)

93725 6Ed. 12/12/98 LAST NM 27/08 28/08
Delete Dangerous wreck (PA) 22° 07′ 37.2″N 113° 38′ 31.1″E

Add Dangerous wreck [K28] 22° 07′ 36.4″N 113° 38′ 33.2″E
(18(609)08 Tianjin)

93725 6Ed. 12/12/98 LAST NM 28/08 16/11
Add Precautionary area [M24] bound by purple
dashed-line greater arc of a circle, radius 1500
meters, centered 22° 10′ 48.0″N 113° 39′ 39.0″E
arc between 22° 11′ 12.7″N 113° 40′ 24.0″E
22° 10′ 23.7″N 113° 40′ 24.0″E
Note: Area extends beyond chart border

Precautionary area symbol [M16]
22° 10′ 48.0″N 113° 39′ 39.0″E

Purple heavy dashed line (outside limit of
traffic lane) between 22° 11′ 27.0″N 113° 40′ 10.0″E
22° 11′ 29.2″N 113° 40′ 24.0″E
(UKHO ARCS 341-0)

93725 6Ed. 12/12/98 LAST NM 16/11 14/12
Change Characteristic of light to F 22° 11′ 40.4″N 113° 33′ 26.5″E
Characteristic of light to F 22° 11′ 45.7″N 113° 33′ 18.3″E
Characteristic of light to F 22° 11′ 51.9″N 113° 33′ 08.9″E
(UKHO LL)

★**93726** 5Ed. 2/10/07 NEW EDITION 21/07
(NGA)

93726 5Ed. 2/10/07 LAST NM 21/07 29/07
Add Dangerous wreck [K28] (PA)
22° 47′ 01.8″N 113° 37′ 35.7″E
(16(493)07 Tianjin)

93726 5Ed. 2/10/07 LAST NM 29/07 35/07
Delete Dangerous wreck (PA) 22° 47′ 01.8″N 113° 37′ 35.7″E
(Supersedes 29/07-93726)
(18(567)07 Tianjin)

93726 5Ed. 2/10/07 LAST NM 35/07 17/08
Add Dangerous wreck [K28] (PA)
22° 45′ 57.4″N 113° 39′ 05.8″E
(5(92)08 Tianjin)

93726 5Ed. 2/10/07 LAST NM 17/08 27/08
(Inset)
Add Depth 8.4 meters Obstn [K41]
23° 04′ 33.2″N 113° 28′ 28.2″E
(19(645)08 Tianjin)

93726 5Ed. 2/10/07 LAST NM 27/08 28/08
Add Danger circle "Obstn" [K40]
22° 43′ 01.5″N 113° 42′ 45.2″E
(18(608)08 Tianjin)

93726 5Ed. 2/10/07 LAST NM 28/08 6/09
Add Dangerous wreck [K28] 22° 42′ 20.5″N 113° 41′ 14.0″E
(44(1579)08 Tianjin)

93726 5Ed. 2/10/07 LAST NM 6/09 21/09
Relocate Buoy "No 62" from
22° 55′ 37.5″N 113° 33′ 29.0″E to
22° 55′ 42.4″N 113° 33′ 25.5″E

Add Light L Fl R 6s 13m 5M 22° 55′ 41.5″N 113° 33′ 55.8″E
Light Iso R 4s 13m 5M 22° 55′ 53.5″N 113° 33′ 48.2″E

Buoy "T1" BY, pillar, double cone topmark
points upward, Q 22° 56′ 24.5″N 113° 33′ 03.7″E

Buoy "T2" YB, pillar, double cone topmark
points downward, Q(6) + L Fl 15s
22° 56′ 54.2″N 113° 32′ 59.5″E
(8(223), 31(1125)08, 7(137)09 Tianjin)

93726 5Ed. 2/10/07 LAST NM 21/09 3/12
Add Light FG 3M Racon (M) 22° 47′ 25.0″N 113° 36′ 14.0″E
Light FG 3M Racon (B) 22° 47′ 51.9″N 113° 36′ 56.5″E
(4(103)11 Tianjin; UKHO LL)

93726 5Ed. 2/10/07 LAST NM 3/12 13/13
Add Buoy "62-1" R, can, Fl(2) R 6s
22° 55′ 32.5″N 113° 33′ 22.8″E

(Inset)
Change Characteristic of buoy "74" to Fl(2) R 6s
23° 01′ 27.0″N 113° 30′ 51.0″E

Add Buoy "74-1" R, can, Fl(2) R 6s
23° 02′ 15.5″N 113° 30′ 32.0″E
(28(862)07 Tianjin)

93726 5Ed. 2/10/07 LAST NM 13/13 33/13
Add Buoy BY, pillar, double cone topmark points
upward, VQ [Q130.3] 22° 43′ 31.7″N 113° 39′ 36.0″E

Buoy "No 2" R, can, Fl R 4s
22° 44′ 08.6″N 113° 37′ 48.4″E
Buoy "No 3" G, conical, Fl G 4s
22° 44′ 12.5″N 113° 37′ 44.3″E
Buoy BRB, pillar, double ball topmark,
Fl(2) 5s [Q130.4] 22° 44′ 56.0″N 113° 38′ 16.0″E
(23(858)13 Tianjin)

93726 5Ed. 2/10/07 LAST NM 33/13 42/13
Delete Buoy "10" 22° 59′ 05.1″N 113° 32′ 14.3″E

Relocate Buoy "12" from
22° 59′ 32.0″N 113° 32′ 05.0″E to
22° 59′ 16.6″N 113° 32′ 10.2″E

(Inset)
Delete Buoy "10" 22° 59′ 05.1″N 113° 32′ 14.3″E

Relocate Buoy "12" from
22° 59′ 32.0″N 113° 32′ 05.0″E to
22° 59′ 16.6″N 113° 32′ 10.2″E
(3(57)13 Tianjin)

★**93728** 2Ed. 2/17/96 NEW EDITION 25/96
(DMA)

93728 2Ed. 2/17/96 LAST NM 25/96 21/97
Delete Buoy 23° 02′ 25″N 113° 24′ 27″E

Change Light to Fl 4s 5m 5M 23° 01′ 55″N 113° 22′ 53″E
Legend "Fl 4m R" to "Fl G 4s" 23° 01′ 56″N 113° 23′ 03″E

Beacon to RW, ball topmark, Fl 6s 10m 4M
23° 02′ 14″N 113° 21′ 27″E
and delete legend "(discontd)"

Add Stranded wreck marked close NW by
buoy "53" R, can, Fl R 4s 23° 02′ 25.3″N 113° 24′ 27.0″E

Dashed line (overhead power cable)
"(46)" between 23° 02′ 18.7″N 113° 21′ 50.7″E
23° 01′ 58.0″N 113° 21′ 49.5″E

"(35)" between 23° 03′ 52.0″N 113° 16′ 25.2″E
23° 03′ 44.6″N 113° 16′ 11.1″E

"(39)" between 23° 03′ 44.6″N 113° 16′ 11.1″E
23° 03′ 36.2″N 113° 15′ 54.3″E

Legend "(34)" 23° 03′ 12.0″N 113° 24′ 50.0″E

Double solid line with land tint
(bridge) and legend "(33)"
between 23° 03′ 08.0″N 113° 17′ 41.8″E
23° 03′ 22.4″N 113° 17′ 45.2″E

Light Fl 4s 10m 4M 23° 03′ 33.4″N 113° 16′ 01.7″E

(Continuation)
Delete Stranded wreck 23° 05′ 42″N 113° 14′ 42″E
23° 05′ 41″N 113° 14′ 41″E
23° 06′ 18″N 113° 14′ 12″E

Add Dashed line (overhead cable) "(34)"
between 23° 04′ 12.4″N 113° 15′ 08.7″E
23° 04′ 29.2″N 113° 15′ 20.8″E

Purple composite line
between 23° 05′ 49.6″N 113° 14′ 26.4″E
23° 05′ 52.9″N 113° 14′ 41.4″E

between 23° 05′ 54.1″N 113° 14′ 23.8″E
23° 05′ 58.0″N 113° 14′ 37.1″E

between 23° 06′ 38.8″N 113° 13′ 23.0″E
23° 06′ 48.8″N 113° 13′ 33.5″E

between 23° 06′ 41.9″N 113° 13′ 19.2″E
23° 06′ 52.7″N 113° 13′ 29.7″E

Legend "ANCH AND FISH PROHIB"
23° 05′ 53.0″N 113° 14′ 33.0″E
23° 06′ 45.0″N 113° 13′ 26.0″E
(Cna CH 9624, 9625, 9626)

93728 2Ed. 2/17/96 LAST NM 21/97 24/97
Add Anchor berth "4", radius 125 meters,
centered 23° 02′ 36.8″N 113° 24′ 35.3″E

Anchor berths, each radius 100 meters,
"5" centered 23° 02′ 13.5″N 113° 24′ 18.5″E
"6" 23° 02′ 01.4″N 113° 24′ 06.2″E

(Continuation)
Add Anchor berths, each radius 100 meters,
"5" centered 23° 05′ 03.4″N 113° 14′ 50.6″E
"6-7" 23° 05′ 10.3″N 113° 14′ 47.6″E
"8-9" 23° 05′ 34.5″N 113° 14′ 40.5″E
"10-11" 23° 05′ 44.5″N 113° 14′ 37.3″E
"13" 23° 06′ 01.9″N 113° 14′ 28.5″E

Anchor berths, each radius 75 meters,
"1" centered 23° 03′ 59.3″N 113° 15′ 38.1″E
"2" 23° 04′ 03.5″N 113° 15′ 34.5″E
"3" 23° 04′ 06.5″N 113° 15′ 29.9″E
"4" 23° 04′ 11.3″N 113° 15′ 26.7″E
"1" 23° 06′ 22.5″N 113° 14′ 15.5″E
"2" 23° 06′ 24.3″N 113° 14′ 10.2″E
"3" 23° 06′ 32.3″N 113° 13′ 49.8″E
"4" 23° 06′ 35.0″N 113° 13′ 44.7″E
(Cna CH 9624, 9626)

93728 2Ed. 2/17/96 LAST NM 24/97 25/97
Delete Drying tint between 23° 03′ 03″N 113° 18′ 33″E
23° 03′ 06″N 113° 18′ 18″E

Rocks (29) and enclosing dotted
line between 23° 03′ 21″N 113° 19′ 13″E
23° 03′ 01″N 113° 19′ 06″E

(continued on next page)

93728 (Continued) 25/97

Legend
"CAUTION NO 1" 23° 02′ 50″N 113° 16′ 55″E
"Li-chiao Barrier" 23° 03′ 11″N 113° 19′ 18″E
"CAUTION NO 2" 23° 03′ 16″N 113° 19′ 01″E
"Huangpu Barrier" 23° 06′ 51″N 113° 19′ 40″E
"CAUTION NO 3" 23° 06′ 39″N 113° 19′ 34″E

CAUTIONS note 23° 04′ 34″N 113° 20′ 00″E

Depth
0.5 meter rky 23° 06′ 45″N 113° 19′ 30″E
0.5 meter 23° 06′ 47″N 113° 19′ 31″E
1 meter 23° 06′ 53″N 113° 19′ 34″E
0.5 meter 23° 06′ 43″N 113° 19′ 38″E
2 meters 23° 06′ 42″N 113° 19′ 46″E

Dangerous submerged rocks (2) in vicinity 23° 06′ 45″N 113° 19′ 35″E

Dangerous submerged rocks (2) and enclosing dotted line between 23° 06′ 41″N 113° 19′ 29″E
23° 06′ 54″N 113° 19′ 33″E

Add Depth
1.7 meters 23° 06′ 42.5″N 113° 19′ 30.9″E
1.7 meters 23° 06′ 44.7″N 113° 19′ 35.6″E

Solid line (pier)
between 23° 01′ 52.2″N 113° 24′ 05.0″E
23° 01′ 54.6″N 113° 24′ 03.1″E

between 23° 01′ 55.7″N 113° 24′ 05.2″E
23° 01′ 53.3″N 113° 24′ 00.6″E

Note
"Marked Channel
A channel has been marked through Xinzao Shuidao with a least depth of 5.6 meters." 23° 02′ 48.0″N 113° 24′ 00.0″E

"Marked Channel
A channel has been marked through Lijiao Shuidao with a least depth of 5.9 meters." 23° 02′ 36.0″N 113° 22′ 00.0″E

"Dredged Channel
A channel has been dredged north of Nantang Zhou with a least depth of 4.8 meters." 23° 02′ 48.0″N 113° 19′ 00.0″E

(Continuation)
Add Note
"Dredged Channel
A channel has been dredged west of Henan Dao with a least depth of 4.3 meters." 23° 05′ 36.0″N 113° 15′ 15.0″E
(Cna CH 9624-9626)

93728 2Ed. 2/17/96 LAST NM 25/97 26/97
Delete Buoy (PA) 23° 02′ 32″N 113° 20′ 50″E
23° 03′ 06″N 113° 18′ 14″E
23° 03′ 23″N 113° 16′ 56″E

Beacon (PA) 23° 03′ 16″N 113° 19′ 36″E
23° 02′ 59″N 113° 18′ 45″E

Beacon and legend "(Discontd)"
23° 03′ 14″N 113° 16′ 21″E

Add Buoys, each R, can
"54" Fl R 4s 23° 01′ 44.8″N 113° 23′ 25.5″E
"55" Fl(3) R 10s 23° 02′ 07.2″N 113° 21′ 35.0″E
"56" Fl R 4s 23° 02′ 16.5″N 113° 20′ 58.2″E
"58" Fl(2) R 6s 23° 02′ 37.9″N 113° 20′ 34.5″E
"60" Fl R 4s 23° 03′ 02.3″N 113° 19′ 12.2″E
"62" Fl R 4s 23° 03′ 25.3″N 113° 16′ 55.8″E

Buoys, each G, conical, Fl G 4s
"57" 23° 02′ 23.5″N 113° 20′ 58.3″E
"59" 23° 03′ 07.3″N 113° 19′ 31.3″E
"61" 23° 03′ 08.8″N 113° 18′ 04.3″E

Beacons, each G, cone topmark
"1" Fl G 4s 23° 02′ 59.7″N 113° 20′ 05.8″E
"2" Fl(2) G 6s 23° 03′ 06.6″N 113° 19′ 54.6″E

Light Fl 4s 11m 4M 23° 02′ 59.8″N 113° 18′ 46.8″E

(Continuation)
Delete Buoys (mooring) (12) between 23° 05′ 51″N 113° 14′ 28″E
23° 06′ 24″N 113° 14′ 05″E

Buoys (mooring) (2) in vicinity 23° 06′ 30″N 113° 14′ 37″E
Buoy (mooring) 23° 06′ 28″N 113° 14′ 07″E

Buoys (2) in vicinity 23° 04′ 29″N 113° 15′ 13″E
23° 06′ 37″N 113° 14′ 59″E

Buoy 23° 05′ 17″N 113° 14′ 48″E
23° 05′ 24″N 113° 14′ 40″E
23° 05′ 49″N 113° 14′ 38″E
23° 06′ 19″N 113° 14′ 08″E
23° 06′ 24″N 113° 14′ 04″E
23° 06′ 29″N 113° 14′ 01″E
23° 06′ 38″N 113° 13′ 41″E
23° 06′ 51″N 113° 13′ 25″E

Light 23° 06′ 19″N 113° 14′ 23″E
23° 06′ 30″N 113° 14′ 25″E

Change Buoy to "65" G, conical, Fl G 4s
23° 05′ 17″N 113° 14′ 48″E

Add Buoys, each R, can, Fl R 4s
"63" 23° 04′ 24.1″N 113° 15′ 15.4″E
"67" 23° 06′ 37.5″N 113° 13′ 38.5″E
"68" 23° 06′ 44.1″N 113° 13′ 23.3″E

Buoys, each G, conical, Fl G 4s
"64" 23° 04′ 31.9″N 113° 15′ 13.8″E
"69" 23° 06′ 46.6″N 113° 13′ 20.8″E

Buoy
BYB, pillar, double cone topmark bases together, Q(3) 10s 23° 04′ 16.3″N 113° 15′ 17.9″E
"66" BRB, pillar, double ball topmark, Fl(2) 5s 23° 06′ 24.2″N 113° 14′ 03.3″E

Buoy (mooring) 23° 04′ 01.0″N 113° 15′ 38.3″E
23° 04′ 39.0″N 113° 15′ 01.0″E
(Cna CH 9624-9626)

93728 2Ed. 2/17/96 LAST NM 26/97 47/99
(Plan A)
Relocate Buoy "69" from
23° 06′ 46.6″N 113° 13′ 20.5″E to
23° 06′ 50.6″N 113° 13′ 17.5″E
(22(216)98 Tianjin)

93728 2Ed. 2/17/96 LAST NM 47/99 7/09
Add Buoy "1" G, conical, Fl G 4s
23° 05′ 54.8″N 113° 24′ 47.1″E
Buoy "2" R, can, Fl R 4s 23° 05′ 52.5″N 113° 24′ 45.1″E
Buoy "3" G, conical, Fl G 6s
23° 05′ 58.1″N 113° 24′ 44.9″E
Buoy "4" R, can, Fl R 6s 23° 06′ 02.6″N 113° 24′ 40.0″E
(Cna CH 15457)

93728 2Ed. 2/17/96 LAST NM 7/09 5/10
(Continuation)
Change Buoy to "92" R, can, Fl(2) R 6s
23° 06′ 24.2″N 113° 14′ 03.3″E
(Cna CH 15452)

93728 2Ed. 2/17/96 LAST NM 5/10 32/11
Delete Light 23° 03′ 33.4″N 113° 16′ 01.7″E
(33(688)04 Tianjin)

★**93730** 5Ed. 10/20/12 NEW EDITION N6/13
(NGA)

93730 5Ed. 10/20/12 LAST NM N6/13 N9/13
Delete Dangerous wreck "Rep (2012)" (PA)
22° 06.6′ N 114° 16.3′ E

Substitute Depth 3.5 meters for 2.8 meters 22° 25.7′ N 114° 24.1′ E
(3(6, 7)13 Hong Kong)

93730 5Ed. 10/20/12 LAST NM N9/13 N13/13
Add AIS [S17.2] to beacon 22° 18.0′ N 114° 25.5′ E
(5(14)13 Hong Kong)

93730 5Ed. 10/20/12 LAST NM N13/13 N18/13
Delete Dangerous wreck 22° 08.0′ N 114° 05.3′ E
(27(846)12 Tianjin)

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93730 5Ed. 10/20/12 LAST NM N18/13 N28/13
Delete Buoy 22° 08.3′ N 114° 20.7′ E

Substitute Depth 18.9 meters Wk [K26] for
21.1 meters Wk 22° 08.6′ N 114° 10.9′ E
Depth 28.5 meters Obstn [K41] for
16.1 meters Wk 22° 08.4′ N 114° 20.1′ E

Add Depth 24 meters 22° 07.1′ N 114° 09.5′ E
(7(21), 8(24)13 Hong Kong)

93730 5Ed. 10/20/12 LAST NM N28/13 N29/13
Delete Depth 6.9 meters Obstn 22° 17.2′ N 113° 51.5′ E
(10(29)13 Hong Kong)

93730 5Ed. 10/20/12 LAST NM N29/13 N33/13
Add Dangerous wreck [K28] "Rep (2013)" (PA)
22° 33.0′ N 116° 14.0′ E
(23(859)13 Tianjin)

93730 5Ed. 10/20/12 LAST NM N33/13 N35/13
Add Dangerous wreck [K28] "Rep (2013)" (PA)
22° 37.9′ N 115° 30.9′ E
(24(892)13 Tianjin)

93730 5Ed. 10/20/12 LAST NM N35/13 N36/13
Add Dangerous wreck [K28] "Rep (2013)"
22° 40.7′ N 115° 47.0′ E
(26(960)13 Tianjin)

93730 5Ed. 10/20/12 LAST NM N36/13 N39/13
Delete Depth 15.6 meters Wk 22° 24.5′ N 114° 24.4′ E
(35(1316)12 Tianjin)

93730 5Ed. 10/20/12 LAST NM N39/13 N42/13
Add Buoy "No 1" G, conical, Fl G 4s Racon (G)
22° 33.9′ N 114° 23.8′ E
(20(50)13 Hong Kong)

93730 5Ed. 10/20/12 LAST NM N42/13 N44/13
Add Dangerous wreck [K28] 22° 46.0′ N 116° 04.0′ E
(1(3)13 Tianjin)

93730 5Ed. 10/20/12 LAST NM N44/13 N46/13
Add Submarine cable [L30.1] joining 20° 57.0′ N 114° 19.9′ E
21° 20.0′ N 114° 18.7′ E
21° 30.8′ N 114° 30.8′ E
21° 50.4′ N 114° 41.2′ E
22° 09.7′ N 114° 32.8′ E
22° 06.2′ N 114° 15.4′ E
22° 07.9′ N 113° 58.6′ E
22° 13.5′ N 113° 55.9′ E
(5(78)10 Port Klang)

93730 5Ed. 10/20/12 LAST NM N46/13 N48/13
Substitute Depth 20.3 meters Wk [K26] for 27 meters Wk
22° 13.3′ N 114° 20.0′ E
(23(55)13 Hong Kong)

93730 5Ed. 10/20/12 LAST NM N48/13 N4/14
Add Depth 8.6 meters Wk [K26] 22° 14.5′ N 114° 27.2′ E
(26(62)13 Hong Kong)

★**93733** 14Ed. 1/19/08 NEW EDITION N19/08
Delete Precautionary area "No 1"centered
22° 08′ 06″N 114° 21′ 30″E
Precautionary area "No 2"centered
22° 08′ 06″N 114° 13′ 36″E

Purple tint, purple dashed lines (2) and purple
arrows indicting flow of traffic (2) in vicinity
22° 08′ 06″N 114° 17′ 40″E

Purple tint, purple dashed lines (2) and purple
arrows indicting flow of traffic (2) in vicinity
22° 08′ 06″N 114° 09′ 30″E
(NGA)

93733 14Ed. 1/19/08 LAST NM N19/08 N25/08
Delete Depth 5.1 meters 22° 21′ 25″N 113° 58′ 30″E

Substitute Depth 14.7 meters for 15.4 meters
22° 20′ 26″N 114° 01′ 01″E

Add Depth 6.5 meters 22° 21′ 24″N 113° 58′ 25″E
(9(15), 15(27)05 Hong Kong)

93733 14Ed. 1/19/08 LAST NM N25/08 N33/08
Add Depth 11.5 meters 22° 18′ 33″N 114° 07′ 58″E
(13(16)08 Hong Kong)

93733 14Ed. 1/19/08 LAST NM N33/08 N37/08
Delete Depth 7.9 meters 22° 15′ 50″N 114° 01′ 43″E

Substitute Depth 1.5 meters Rk [K14.2] for 2.1 meters Rk
22° 16′ 43″N 114° 01′ 35″E
Rock awash [K12] for depth 1 meter
22° 22′ 25″N 113° 59′ 02″E

Depth 19.8 meters enclosed by depth contour
(20-meter) for 20.5 meters 22° 10′ 24″N 114° 09′ 07″E

Add Depth 5 meters Rk [K14.2] 22° 16′ 09″N 114° 01′ 51″E

Anchorage symbol (large vessels) [N10]
22° 19′ 18″N 113° 58′ 48″E
Anchorage symbol (large vessels) [N10]
22° 19′ 18″N 113° 59′ 36″E

Buoy (mooring) [Q40] "A79" Q Y
22° 19′ 27″N 113° 59′ 30″E
Buoy (mooring) [Q40] "A80" Q Y
22° 19′ 20″N 113° 59′ 06″E

Depth 5 meters, blue tint and enclosing
depth contour (5-meter) centered
22° 09′ 07″N 114° 00′ 53″E
Depth 8.9 meters enclosed by depth contour
(10-meter) centered 22° 09′ 58″N 114° 02′ 07″E
(17(30)05, 14(19)08 Hong Kong; HK CH 1502, 3002)

93733 14Ed. 1/19/08 LAST NM N37/08 N51/08
Delete Depth 17 meters Obstn 22° 08′ 52″N 114° 08′ 21″E

Substitute Depth 5.4 meters for 4.4 meters
22° 17′ 06″N 114° 04′ 54″E
Depth 22 meters for 20.6 meters
22° 14′ 59″N 114° 19′ 03″E
Depth 19.3 meters for 17.8 meters
22° 13′ 40″N 114° 17′ 27″E

Depth 25 meters Obstn [K41] for 24.5 meters
22° 14′ 01″N 114° 17′ 56″E

Add Depth 21 meters Wk [K26] 22° 17′ 00″N 114° 18′ 50″E
Depth 18.4 meters Wk [K26] 22° 15′ 56″N 114° 18′ 59″E
Depth 22.5 meters Obstn [K41] 22° 09′ 02″N 114° 11′ 05″E
Depth 24 meters Obstn [K41] 22° 09′ 16″N 114° 14′ 06″E
(6(9), 20(25)08 Hong Kong; HK CH 0804, 2502)

93733 14Ed. 1/19/08 LAST NM N51/08 N4/09
Substitute Depth 27.5 meters for 25.5 meters Obstn
22° 17′ 51″N 114° 23′ 24″E
Depth 25 meters Obstn [K41] for 23.5 meters
22° 17′ 25″N 114° 24′ 00″E

Add Position circle "Wave Recorder"
22° 20′ 57″N 114° 22′ 34″E
Position circle "Wave Recorder"
22° 10′ 32″N 114° 07′ 00″E
Depth 15.8 meters Wk [K26] 22° 17′ 56″N 114° 20′ 23″E
Depth 26.5 meters Wk [K26] 22° 14′ 57″N 114° 18′ 02″E
Depth 22 meters Wk [K26] 22° 20′ 35″N 114° 28′ 34″E
(16(29), 22(35)05, 1(1, 2)06, 5(6)08 Hong Kong)

93733 14Ed. 1/19/08 LAST NM N4/09 N6/09
Delete Buoy (mooring) "A79" 22° 19′ 27″N 113° 59′ 30″E
Buoy (mooring) "A80" 22° 19′ 20″N 113° 59′ 06″E
(See 37/08-93733)

Add Position circle "Pontoon PB3" 22° 19′ 33″N 114° 20′ 33″E

Depth 10.1 meters Wk [K26] marked by buoy
BRB, pillar, double ball topmark, Fl(2) 10s
22° 09′ 08″N 114° 11′ 42″E
(25(31)07, 22(30, 31), 24(36)08 Hong Kong)

93733 14Ed. 1/19/08 LAST NM N6/09 N13/09
Substitute Depth 13.3 meters Wk [K26] for
10.1 meters Wk 22° 09′ 08″N 114° 11′ 42″E
(See 6/09-93733)
(4(8)09 Hong Kong)

93733 14Ed. 1/19/08 LAST NM N13/09 N40/09
Add Depth 6.8 meters 22° 18′ 50″N 114° 08′ 54″E
(16(20)09 Hong Kong)

93733 14Ed. 1/19/08 LAST NM N40/09 N49/09
Delete Depth 4.8 meters and enclosing depth contour (5-meter) centered 22° 21′ 45″N 113° 58′ 04″E

Add Depth 6.5 meters 22° 14′ 35″N 114° 03′ 07″E

Depth 3.7 meters enclosed by depth contour (5-meter) centered 22° 21′ 49″N 113° 58′ 04″E
(20(25, 26)09 Hong Kong)

93733 14Ed. 1/19/08 LAST NM N49/09 N4/10
Add Buoy "Weather 7" Y, pillar, Fl(2) Y 6s 22° 12′ 50″N 114° 13′ 29″E
(21(28)09 Hong Kong)

93733 14Ed. 1/19/08 LAST NM N4/10 N13/10
Substitute Depth 15.8 meters for 19 meters 22° 27′ 59″N 114° 25′ 10″E

Add Depth 18.3 meters Wk [K26] 22° 27′ 45″N 114° 25′ 42″E
Depth 11.2 meters Wk [K26] 22° 26′ 35″N 114° 23′ 14″E

Depth 4.7 meters enclosed by depth contour (5-meter) centered 22° 26′ 28″N 114° 22′ 43″E
(2(2)10 Hong Kong)

93733 14Ed. 1/19/08 LAST NM N13/10 N19/10
Substitute Depth 22.5 meters Wk [K26] for 12.8 meters Wk 22° 08′ 26″N 114° 20′ 09″E
Depth 31 meters Obstn [K41] for 18.8 meters Obstn 22° 08′ 13″N 114° 18′ 33″E
(7(8)10 Hong Kong)

93733 14Ed. 1/19/08 LAST NM N19/10 N29/10
Add Depth 41 meters Wk [K26] 22° 13′ 26″N 114° 08′ 54″E
(10(16)10 Hong Kong)

93733 14Ed. 1/19/08 LAST NM N29/10 N32/10
Add Depth 20.1 meters Obstn [K41] 22° 27′ 26″N 114° 26′ 46″E
(14(26)10 Hong Kong)

93733 14Ed. 1/19/08 LAST NM N32/10 N44/10
Delete Depth 14 meters 22° 15′ 22″N 114° 16′ 08″E

Add Depth 13 meters Obstn [K41] 22° 15′ 20″N 114° 16′ 13″E
(20(37)10 Hong Kong)

93733 14Ed. 1/19/08 LAST NM N44/10 N3/11
Substitute Depth 18.3 meters Wk [K26] for 22.5 meters Wk 22° 08′ 26″N 114° 20′ 09″E
(See N19/10-93733)
(25(46)10 Hong Kong)

93733 14Ed. 1/19/08 LAST NM N3/11 N8/11
Add Depth 20.3 meters Wk [K26] 22° 24′ 47″N 114° 28′ 21″E

Buoy "Weather" Y, pillar, "X" topmark, Mo(O) Y 12s [Q130.6] 22° 06′ 07″N 114° 30′ 44″E
(2(1, 3)11 Hong Kong)

93733 14Ed. 1/19/08 LAST NM N8/11 N10/11
Add Depth 25.5 meters Wk [K26] 22° 10′ 56″N 114° 23′ 12″E
(34(1548)10 Tianjin)

93733 14Ed. 1/19/08 LAST NM N10/11 N14/11
Delete Dangerous wreck 22° 09′ 31″N 114° 22′ 38″E
Dangerous wreck 22° 13′ 45″N 114° 22′ 41″E
Dangerous wreck (PA) 22° 19′ 00″N 114° 30′ 02″E
(32(1467)10 Tianjin)

93733 14Ed. 1/19/08 LAST NM N14/11 N27/11
Substitute Depth 14.6 meters for 11.3 meters 22° 12′ 21″N 114° 09′ 41″E

Depth 27 meters Wk [K26] for 20.5 meters Wk 22° 13′ 16″N 114° 19′ 47″E
(8(14), 9(16)11 Hong Kong)

93733 14Ed. 1/19/08 LAST NM N27/11 N32/11
Add Depth 29 meters Wk [K26] 22° 10′ 21″N 114° 26′ 36″E
(29(1310)10 Tianjin)

93733 14Ed. 1/19/08 LAST NM N32/11 N35/11
Add Depth 19.9 meters Obstn [K41] 22° 09′ 33″N 114° 09′ 04″E
(16(30)11 Hong Kong)

93733 14Ed. 1/19/08 LAST NM N35/11 N38/11
Substitute Depth 12.8 meters Obstn [K41] for 11.2 meters Wk 22° 26′ 35″N 114° 23′ 14″E
(17(33)11 Hong Kong)

93733 14Ed. 1/19/08 LAST NM N38/11 N40/11
Change Legend "Spoil Ground (disused)" to "Dumping Ground" 22° 15′ 12″N 114° 19′ 14″E
(18(35)11 Hong Kong)

93733 14Ed. 1/19/08 LAST NM N40/11 N41/11
Add Depth 2.9 meters Wk [K26] 22° 18′ 00″N 114° 05′ 03″E
(19(37)11 Hong Kong)

93733 14Ed. 1/19/08 LAST NM N41/11 N44/11
Add Depth 9.1 meters Obstn [K41] 22° 19′ 25″N 113° 58′ 36″E
(20(40)11 Hong Kong)

93733 14Ed. 1/19/08 LAST NM N44/11 N47/11
Delete Depth 2.9 meters Wk 22° 18′ 00″N 114° 05′ 03″E
(Supersedes N41/11-93733)
(22(42)11 Hong Kong)

93733 14Ed. 1/19/08 LAST NM N47/11 N12/12
Add Beacon Y, Mo(U) 15s Horn 22° 09′ 12″N 114° 05′ 58″E
(5(4)12 Hong Kong)

93733 14Ed. 1/19/08 LAST NM N12/12 N20/12
Add Beacon Y, Mo(U) 15s 10M Horn 22° 17′ 59″N 114° 25′ 28″E
(9(18)12 Hong Kong)

93733 14Ed. 1/19/08 LAST NM N20/12 N22/12
Change Beacon to Y, Mo(U) 15s 13M 22° 09′ 12″N 114° 05′ 58″E
(See N12/12-93733)
(10(20)12 Hong Kong)

93733 14Ed. 1/19/08 LAST NM N22/12 N23/12
Add Wreck [K29] "Rep (2012)" (PA) 22° 09′ 14″N 114° 41′ 16″E
(14(385)12 Tianjin)

93733 14Ed. 1/19/08 LAST NM N23/12 N27/12
Delete Buoy "Weather 7" 22° 12′ 50″N 114° 13′ 29″E
(12(27)12 Hong Kong)

93733 14Ed. 1/19/08 LAST NM N27/12 N32/12
Delete Depth 17.4 meters Wk 22° 24′ 22″N 114° 24′ 14″E
Depth 15.6 meters Wk 22° 24′ 30″N 114° 24′ 24″E
Depth 19.5 meters Wk 22° 24′ 29″N 114° 24′ 36″E
Legend "3 Wks" 22° 24′ 20″N 114° 24′ 30″E

Substitute Depth 11.1 meters for 12.9 meters 22° 25′ 12″N 114° 24′ 18″E

Add Depth 6.7 meters Obstn [K41] 22° 13′ 17″N 114° 01′ 17″E
(15(35, 36)12 Hong Kong)

93733 14Ed. 1/19/08 LAST NM N32/12 N34/12
Add Depth 19.1 meters Wk [K26] 22° 12′ 59″N 114° 20′ 01″E
(16(41)12 Hong Kong)

93733 14Ed. 1/19/08 LAST NM N34/12 N40/12
Add Dangerous wreck [K28] "Rep (2012)" (PA) 22° 06′ 36″N 114° 16′ 18″E
Buoy "Weather 9" Y, pillar, QY 22° 11′ 47″N 114° 02′ 03″E
(19(54, 55)12 Hong Kong)

93733 14Ed. 1/19/08 LAST NM N40/12 N5/13
Add Submarine pipeline [L40.1] with legend "Gas" joining
22° 18′ 46″N 114° 11′ 31″E
22° 18′ 46″N 114° 11′ 38″E
22° 18′ 28″N 114° 11′ 53″E
22° 18′ 21″N 114° 12′ 08″E
22° 18′ 05″N 114° 12′ 23″E
22° 17′ 34″N 114° 12′ 34″E

Depth 9.7 meters 22° 18′ 53″N 114° 07′ 49″E
and extend depth contour (10-meter) WSW to enclose
(25(63, 64)12 Hong Kong; UKHO ARCS 4118-0)

93733 14Ed. 1/19/08 LAST NM N5/13 N9/13
Delete Dangerous wreck "Rep (2012)" (PA)
22° 06′ 36″N 114° 16′ 18″E
(See 40/12-93733)

Substitute Depth 3.5 meters, blue tint and enclosing depth contour (5-meter) for 2.8 meters, blue tint and enclosing dotted-line circle 22° 25′ 44″N 114° 24′ 05″E

Add Depth 14.6 meters Wk [K26] 22° 25′ 35″N 114° 23′ 59″E
(3(6, 7)13 Hong Kong)

93733 14Ed. 1/19/08 LAST NM N9/13 N13/13
Add Submarine cable [L30.1] joining
22° 11′ 23″N 114° 12′ 49″E
22° 10′ 41″N 114° 12′ 50″E
22° 09′ 00″N 114° 15′ 02″E
22° 10′ 28″N 114° 26′ 22″E
22° 10′ 54″N 114° 26′ 53″E
22° 10′ 43″N 114° 27′ 18″E
22° 11′ 09″N 114° 29′ 43″E
22° 11′ 40″N 114° 30′ 09″E
22° 11′ 41″N 114° 31′ 00″E

AIS [S17.2] to beacon 22° 17′ 59″N 114° 25′ 28″E
(See N20/12-93733)
(5(14, 15)13 Hong Kong)

93733 14Ed. 1/19/08 LAST NM N13/13 N18/13
Delete Depth 31 meters Obstn 22° 08′ 13″N 114° 18′ 33″E
Depth 24 meters Wk 22° 07′ 35″N 114° 14′ 21″E
Depth 29.5 meters Obstn 22° 07′ 35″N 114° 17′ 05″E
Dangerous wreck 22° 06′ 59″N 114° 17′ 56″E
Dangerous wreck 22° 06′ 01″N 114° 09′ 01″E
Depth 29.9 meters Wk (PA) 22° 06′ 07″N 114° 20′ 09″E
Depth 28.9 meters Wk (PA) 22° 05′ 15″N 114° 19′ 47″E

Substitute Depth 21.1 meters Wk [K26] for 21.3 meters Wk 22° 08′ 35″N 114° 10′ 51″E
Depth 24.8 meters Rk [K14.1] for 24.5 meters Rk 22° 07′ 33″N 114° 09′ 16″E
Depth 25.9 meters for 17.8 meters Obstn 22° 07′ 05″N 114° 09′ 32″E
Depth 26.1 meters Wk [K26] for 26.5 meters Wk 22° 07′ 39″N 114° 15′ 00″E
Depth 16.1 meters Wk [K26] for 18.3 meters Wk 22° 08′ 26″N 114° 20′ 09″E
(13(362-365)12 Tianjin; 29(3167)12 Taunton)

93733 14Ed. 1/19/08 LAST NM N18/13 N26/13
Add Submarine cable [L30.1] joining
22° 16′ 55″N 114° 16′ 03″E
22° 16′ 51″N 114° 15′ 38″E
22° 16′ 14″N 114° 15′ 18″E
22° 13′ 50″N 114° 16′ 12″E
22° 13′ 13″N 114° 17′ 01″E
22° 12′ 30″N 114° 17′ 37″E
22° 12′ 35″N 114° 20′ 54″E
22° 13′ 04″N 114° 23′ 10″E
22° 14′ 40″N 114° 24′ 51″E
22° 14′ 57″N 114° 25′ 33″E
22° 15′ 22″N 114° 28′ 12″E
22° 15′ 37″N 114° 28′ 51″E
22° 15′ 37″N 114° 31′ 00″E
(6(16)13 Hong Kong)

93733 14Ed. 1/19/08 LAST NM N26/13 N28/13
Delete Depth 21.1 meters Wk 22° 08′ 35″N 114° 10′ 51″E
Depth 16.1 meters Wk 22° 08′ 26″N 114° 20′ 09″E
Buoy 22° 08′ 18″N 114° 20′ 13″E
(See N18/13-93733)

Substitute Depth 24 meters for 25.9 meters
22° 07′ 05″N 114° 09′ 32″E

Add Depth 18.9 meters Wk [K26] 22° 08′ 35″N 114° 10′ 52″E
Depth 28 meters Wk [K26] 22° 07′ 35″N 114° 14′ 23″E
Depth 29 meters Wk [K26] 22° 08′ 13″N 114° 18′ 33″E
Depth 28.5 meters Obstn [K41] 22° 08′ 26″N 114° 20′ 07″E
(7(21), 8(24)13 Hong Kong)

93733 14Ed. 1/19/08 LAST NM N28/13 N42/13
Delete Depth 14.6 meters Wk 22° 25′ 35″N 114° 23′ 59″E
(See N9/13-93733)
(20(49)13 Hong Kong)

93733 14Ed. 1/19/08 LAST NM N42/13 N46/13
Add Submarine cable [L30.1] joining
21° 57′ 30″N 114° 38′ 05″E
22° 09′ 41″N 114° 32′ 47″E
22° 06′ 10″N 114° 15′ 22″E
22° 07′ 55″N 113° 58′ 37″E
22° 09′ 11″N 113° 58′ 00″E
(5(78)10 Port Klang)

93733 14Ed. 1/19/08 LAST NM N46/13 N48/13
Delete Depth 9.1 meters Obstn 22° 19′ 25″N 113° 58′ 36″E

Add Depth 20.3 meters Wk [K26] 22° 13′ 17″N 114° 20′ 00″E
(22(53), 23(55)13 Hong Kong)

93733 14Ed. 1/19/08 LAST NM N48/13 N4/14
Delete Depth 13 meters Obstn 22° 15′ 20″N 114° 16′ 13″E
Depth 27.5 meters 22° 14′ 29″N 114° 27′ 19″E

Add Depth 8.6 meters Wk [K26] 22° 14′ 29″N 114° 27′ 11″E
(26(61, 62)13 Hong Kong)

★**93734** 13Ed. 10/20/07 NEW EDITION N7/08
Add Depth 6.9 meters 22° 16′ 30.1″N 114° 04′ 17.4″E
(Previously published 50/07)
(NGA)

93734 13Ed. 10/20/07 LAST NM N7/08 N43/08
Delete Depth 16.6 meters 22° 12′ 13.5″N 114° 14′ 36.1″E
Radio reporting point symbol
22° 15′ 52.9″N 114° 15′ 59.1″E
Radio reporting point symbol
22° 15′ 52.0″N 114° 15′ 39.1″E
(40(1286), 41(1314)07 Tianjin)

93734 13Ed. 10/20/07 LAST NM N43/08 N51/08
Delete Depth 25 meters 22° 09′ 15.6″N 114° 14′ 03.0″E
Depth 17 meters Obstn 22° 08′ 51.0″N 114° 08′ 22.5″E

Substitute Depth 19.3 meters for 17.8 meters
22° 13′ 40.2″N 114° 17′ 27.5″E
Depth 25 meters Obstn [K41] for 24.5 meters
22° 14′ 02.0″N 114° 17′ 56.0″E
Depth 22 meters for 20.6 meters
22° 14′ 59.0″N 114° 19′ 03.0″E
Depth 22.5 meters for 19.9 meters
22° 09′ 03.0″N 114° 11′ 04.5″E
Depth 17.7 meters for 15.8 meters
22° 10′ 58.0″N 114° 09′ 01.0″E

Add Visibility (range) 5M to light
22° 14′ 29.5″N 114° 09′ 41.5″E
Visibility (range) 3M to light
22° 14′ 10.5″N 114° 09′ 47.0″E

Period 10s to buoy "Ocean Park 2"
22° 14′ 13.2″N 114° 10′ 34.5″E

Depth 24 meters Obstn [K41]
22° 09′ 15.6″N 114° 14′ 06.0″E
Depth 18.4 meters Wk [K26]
22° 15′ 56.3″N 114° 18′ 59.0″E
Depth 21 meters Wk [K26] 22° 17′ 00.5″N 114° 18′ 50.4″E
(6(9)08 Hong Kong; HK CH 2502)

93734 13Ed. 10/20/07 LAST NM N51/08 N6/09
Delete Depth 12.4 meters, blue tint and dotted-line circle in vicinity 22° 12′ 57.0″N 114° 11′ 24.0″E

Add Depth 10.1 meters Wk [K26]
22° 09′ 07.7″N 114° 11′ 41.5″E

Buoy BRB, pillar, double ball topmark, Fl(2) 10s 22° 09′ 09.5″N 114° 11′ 41.6″E

(continued on next page)

93734 (Continued) 6/09
Buoy "Weather 6" Y, pillar, Fl Y 3s [Q130.6]
22° 13′ 07.0″N 114° 13′ 44.3″E
(20(26), 22(31), 24(36)08 Hong Kong)

93734 13Ed. 10/20/07 LAST NM N6/09 N13/09
Substitute Depth 13.3 meters Wk [K26] for
10.1 meters Wk 22° 09′ 07.7″N 114° 11′ 41.5″E
(See 6/09-93734)
(4(8)09 Hong Kong)

93734 13Ed. 10/20/07 LAST NM N13/09 N4/10
Add Buoy "Weather 7" Y, pillar, Fl(2) Y 6s
22° 12′ 50.7″N 114° 13′ 29.8″E
(21(28)09 Hong Kong)

93734 13Ed. 10/20/07 LAST NM N4/10 N9/10
Delete Buoy "A60" 22° 17′ 09.5″N 114° 15′ 52.6″E
Buoy "A62" 22° 17′ 03.5″N 114° 15′ 29.2″E
(1(1)10 Hong Kong)

93734 13Ed. 10/20/07 LAST NM N9/10 N19/10
Substitute Depth 22.5 meters Wk [K26] for 12.8 meters
Wk 22° 08′ 26.4″N 114° 20′ 08.6″E
Depth 31 meters Obstn [K41] for 18.8 meters
Obstn 22° 08′ 13.0″N 114° 18′ 32.6″E
(7(8)10 Hong Kong)

93734 13Ed. 10/20/07 LAST NM N19/10 N29/10
Delete Buoy "Weather 6" 22° 13′ 07.0″N 114° 13′ 44.3″E

Add Depth 41 meters Wk [K26] 22° 13′ 25.7″N 114° 08′ 53.6″E
(9(13), 10(16)10 Hong Kong)

93734 13Ed. 10/20/07 LAST NM N29/10 N44/10
Delete Depth 14 meters 22° 15′ 21.4″N 114° 16′ 07.7″E

Add Depth 13 meters Obstn [K41]
22° 15′ 20.2″N 114° 16′ 12.6″E
(20(37)10 Hong Kong)

93734 13Ed. 10/20/07 LAST NM N44/10 N3/11
Substitute Depth 18.3 meters Wk [K26] for
22.5 meters Wk 22° 08′ 26.4″N 114° 20′ 08.6″E
(See N19/10-93734)
(25(46)10 Hong Kong)

93734 13Ed. 10/20/07 LAST NM N3/11 N8/11
Substitute Depth 2.2 meters Wk [K26] for 14.9 meters
22° 14′ 22.1″N 114° 17′ 33.6″E
(2(2)11 Hong Kong)

93734 13Ed. 10/20/07 LAST NM N8/11 N27/11
Substitute Depth 14.6 meters for 15.5 meters
22° 12′ 20.6″N 114° 09′ 40.8″E
Depth 27 meters Wk [K26] for 20.5 meters Wk
22° 13′ 15.8″N 114° 19′ 47.1″E
(8(14), 9(16)11 Hong Kong)

93734 13Ed. 10/20/07 LAST NM N27/11 N28/11
Delete Depth 16.8 meters 22° 13′ 58.1″N 114° 09′ 16.8″E

Add Depth 12.4 meters 22° 13′ 59.6″N 114° 09′ 15.2″E
(12(24)11 Hong Kong)

93734 13Ed. 10/20/07 LAST NM N28/11 N35/11
Add Depth 19.9 meters Obstn [K41]
22° 09′ 33.2″N 114° 09′ 04.2″E
(16(30)11 Hong Kong)

93734 13Ed. 10/20/07 LAST NM N35/11 N40/11
Change Legend "Spoil Ground (disused)" to "Dumping
Ground" 22° 14′ 54.0″N 114° 19′ 06.0″E
(18(35)11 Hong Kong)

93734 13Ed. 10/20/07 LAST NM N40/11 N41/11
Delete Depth 22 meters Obstn 22° 12′ 50.6″N 114° 10′ 29.5″E

Substitute Depth 11.5 meters Obstn [K41] for 11.6 meters
22° 12′ 38.6″N 114° 09′ 16.5″E
Depth 1.2 meters enclosed by depth contour
(2-meter) for 2.1 meters 22° 11′ 41.9″N 114° 08′ 38.9″E

Add Depth 20.9 meters Obstn [K41]
22° 12′ 47.0″N 114° 10′ 34.6″E
(19(38)11 Hong Kong)

93734 13Ed. 10/20/07 LAST NM N41/11 N44/11
Substitute Rock which covers and uncovers with drying
height 2.1 meters [K11] for 1.5 meters
22° 14′ 02.6″N 114° 06′ 16.5″E
(20(41)11 Hong Kong)

93734 13Ed. 10/20/07 LAST NM N44/11 N12/12
Add Beacon Y, Mo(U) 15s Horn 22° 09′ 11.8″N 114° 05′ 58.4″E
(5(4)12 Hong Kong)

93734 13Ed. 10/20/07 LAST NM N12/12 N22/12
Change Beacon to Y, Mo(U) 15s 13M
22° 09′ 11.8″N 114° 05′ 58.4″E
(See N12/12-93734)
(10(20)12 Hong Kong)

93734 13Ed. 10/20/07 LAST NM N22/12 N24/12
Add Buoy BRB, pillar, double ball topmark,
Fl(2) 10s [Q130.4] 22° 14′ 20.1″N 114° 17′ 33.6″E
(11(23)12 Hong Kong)

93734 13Ed. 10/20/07 LAST NM N24/12 N27/12
Delete Buoy "Weather 7" 22° 12′ 50.7″N 114° 13′ 29.8″E
(12(27)12 Hong Kong)

93734 13Ed. 10/20/07 LAST NM N27/12 N34/12
Add Depth 19.1 meters Wk [K26]
22° 12′ 58.6″N 114° 20′ 01.0″E
(16(41)12 Hong Kong)

93734 13Ed. 10/20/07 LAST NM N34/12 N13/13
Add Submarine cable [L30.1] joining
22° 12′ 54.5″N 114° 12′ 22.5″E
22° 12′ 55.8″N 114° 12′ 29.3″E
22° 12′ 51.2″N 114° 12′ 34.0″E
22° 12′ 15.8″N 114° 12′ 26.6″E
22° 11′ 45.6″N 114° 12′ 27.6″E
22° 11′ 22.7″N 114° 12′ 48.7″E
22° 10′ 40.6″N 114° 12′ 49.9″E
22° 08′ 59.5″N 114° 15′ 02.2″E
22° 09′ 40.4″N 114° 20′ 15.0″E
(5(15)13 Hong Kong)

93734 13Ed. 10/20/07 LAST NM N13/13 N18/13
Delete Depth 24 meters Wk 22° 07′ 34.6″N 114° 14′ 23.0″E
Depth 29.5 meters Obstn 22° 07′ 35.0″N 114° 17′ 07.4″E
Depth 31 meters Obstn 22° 08′ 13.0″N 114° 18′ 32.6″E
Depth 18.3 meters Wk 22° 08′ 26.4″N 114° 20′ 08.6″E

Substitute Depth 24.8 meters Rk [K14.1] for
24.5 meters Rk 22° 07′ 33.0″N 114° 09′ 16.0″E
Depth 25.9 meters for
17.8 meters Obstn 22° 07′ 04.8″N 114° 09′ 32.4″E
Depth 21.1 meters Wk [K26] for
21 meters Wk 22° 08′ 34.9″N 114° 10′ 50.6″E
Depth 26.1 meters Wk [K26] for
26.5 meters Wk 22° 07′ 38.9″N 114° 14′ 59.9″E

Add Depth 16.1 meters Wk [K26]
22° 08′ 26.5″N 114° 20′ 09.5″E
(13(362, 363, 365)12 Tianjin; 29(3167)12 Taunton)

93734 13Ed. 10/20/07 LAST NM N18/13 N26/13
Add Submarine cable [L30.1] joining
22° 16′ 54.9″N 114° 16′ 02.5″E
22° 16′ 50.7″N 114° 15′ 38.4″E
22° 16′ 13.9″N 114° 15′ 18.4″E
22° 13′ 49.7″N 114° 16′ 11.9″E
22° 13′ 12.5″N 114° 17′ 00.6″E
22° 12′ 29.9″N 114° 17′ 36.5″E
22° 12′ 33.9″N 114° 20′ 15.0″E
(6(16)13 Hong Kong)

93734 13Ed. 10/20/07 LAST NM N26/13 N28/13
Delete Depth 25.9 meters 22° 07′ 04.8″N 114° 09′ 32.4″E
Depth 21.1 meters Wk 22° 08′ 34.9″N 114° 10′ 50.6″E

(continued on next page)

93734 (Continued) 28/13
Depth 16.1 meters Wk 22° 08′ 26.5″N 114° 20′ 09.5″E
Buoy 22° 08′ 25.6″N 114° 20′ 12.5″E
(See N18/13-93734)

Add Depth 24 meters 22° 07′ 05.3″N 114° 09′ 30.7″E

Depth 18.9 meters Wk [K26]
22° 08′ 34.8″N 114° 10′ 51.6″E

Depth 28 meters Wk [K26] 22° 07′ 34.6″N 114° 14′ 23.0″E
Depth 29 meters Wk [K26] 22° 08′ 13.0″N 114° 18′ 32.6″E

Depth 28.5 meters Obstn [K41]
22° 08′ 26.1″N 114° 20′ 07.4″E
(7(21), 8(24)13 Hong Kong)

93734 13Ed. 10/20/07 LAST NM N28/13 N46/13
Add Submarine cable [L30.1] between
22° 07′ 19.8″N 114° 04′ 15.0″E
22° 07′ 00.0″N 114° 07′ 24.6″E

Submarine cable [L30.1] between
22° 07′ 00.0″N 114° 19′ 28.8″E
22° 07′ 09.0″N 114° 20′ 15.0″E
(5(78)10 Port Klang)

93734 13Ed. 10/20/07 LAST NM N46/13 N48/13
Add Depth 20.3 meters Wk [K26]
22° 13′ 16.8″N 114° 20′ 00.3″E
(23(55)13 Hong Kong)

93734 13Ed. 10/20/07 LAST NM N48/13 N4/14
Delete Depth 13 meters Obstn 22° 15′ 20.2″N 114° 16′ 12.6″E

Add Depth 14.3 meters 22° 15′ 17.0″N 114° 16′ 12.8″E
(26(61)13 Hong Kong)

★**93736** 25Ed. 9/1/07 NEW EDITION N50/07
Substitute Depth 19.5 meters enclosed by depth contour
(20-meter) for 19.9 meters 22° 20′ 16.9″N 114° 04′ 40.0″E
(Previously published 39/07)

Delete Depth 7.5 meters 22° 16′ 27.0″N 114° 04′ 18.0″E

Add Depth 6.9 meters 22° 16′ 30.1″N 114° 04′ 17.4″E

Depth 16.8 meters Obstn [K41]
22° 14′ 48.2″N 114° 06′ 52.4″E
(NGA; 16(20), 22(29)07 Hong Kong)

93736 25Ed. 9/1/07 LAST NM N50/07 N33/08
Delete Depth 10.4 meters 22° 18′ 32.0″N 114° 07′ 57.5″E

Add Depth 11.5 meters 22° 18′ 32.9″N 114° 07′ 57.8″E
(13(16)08 Hong Kong)

93736 25Ed. 9/1/07 LAST NM N33/08 N43/08
Delete Radio reporting point symbol
22° 15′ 52.9″N 114° 15′ 59.1″E
Radio reporting point symbol
22° 15′ 52.0″N 114° 15′ 39.1″E
(40(1286)07 Tianjin)

93736 25Ed. 9/1/07 LAST NM N43/08 N51/08
Substitute Depth 22.5 meters for 20.1 meters
22° 17′ 31.2″N 114° 05′ 38.5″E

Add Buoy "DSD1" Y, pillar, "X" topmark, QY
22° 18′ 38.0″N 114° 06′ 52.6″E
Buoy "DSD2" Y, pillar, "X" topmark, QY
22° 18′ 32.2″N 114° 06′ 58.7″E
Buoy "DSD3" Y, pillar, "X" topmark, QY
22° 18′ 26.5″N 114° 06′ 52.6″E
Buoy "DSD4" Y, pillar, "X" topmark, QY
22° 18′ 32.2″N 114° 06′ 46.4″E

Visibility (range) 3M to light
22° 18′ 02.0″N 114° 09′ 57.0″E
Visibility (range) 3M to light
22° 18′ 01.5″N 114° 09′ 57.1″E
Visibility (range) 3M to light
22° 17′ 59.0″N 114° 09′ 57.3″E

Double solid line with land tint (floating dock)
60 meters wide on centerline between
22° 19′ 57.6″N 114° 05′ 15.0″E
22° 20′ 06.6″N 114° 05′ 19.8″E
(21(28)07, 2(2), 16(21), 20(25)08 Hong Kong)

93736 25Ed. 9/1/07 LAST NM N51/08 N6/09
Delete Depth 11.2 meters 22° 17′ 39.0″N 114° 09′ 57.0″E
Depth 8.1 meters 22° 18′ 52.2″N 114° 07′ 55.4″E
Depth 9.9 meters 22° 17′ 43.3″N 114° 11′ 57.6″E

Floating dock and legend "Yiu Lain No 3" in
vicinity 22° 20′ 39.2″N 114° 02′ 19.7″E
Submarine cable and legend "Power" in
vicinity 22° 20′ 47.0″N 114° 04′ 17.2″E

Add Depth 10.5 meters 22° 17′ 40.3″N 114° 10′ 03.6″E
Depth 7.1 meters 22° 18′ 53.9″N 114° 07′ 56.0″E
Depth 8.4 meters 22° 17′ 42.8″N 114° 11′ 57.9″E
Depth 6.1 meters 22° 20′ 36.0″N 114° 05′ 20.6″E
Depth 14.5 meters 22° 20′ 00.5″N 114° 05′ 20.3″E

Depth 30.5 meters Obstn [K41]
22° 21′ 03.0″N 114° 02′ 25.2″E

"Foul" area [K31] bound by dashed line joining
22° 20′ 41.4″N 114° 02′ 28.2″E
22° 20′ 31.8″N 114° 02′ 16.2″E
22° 20′ 37.2″N 114° 02′ 10.8″E
22° 20′ 46.8″N 114° 02′ 23.1″E

Disused submarine cable [L32] joining
22° 21′ 04.0″N 114° 04′ 53.2″E
22° 21′ 04.1″N 114° 04′ 50.5″E
22° 21′ 08.3″N 114° 04′ 43.7″E

Disused submarine cable [L32] joining
22° 21′ 09.0″N 114° 04′ 42.5″E
22° 21′ 13.6″N 114° 04′ 30.8″E
22° 21′ 15.1″N 114° 04′ 23.1″E
22° 21′ 15.0″N 114° 04′ 09.6″E
22° 21′ 11.8″N 114° 04′ 01.9″E
22° 21′ 06.2″N 114° 03′ 56.2″E
22° 21′ 02.1″N 114° 03′ 54.4″E
22° 20′ 55.4″N 114° 03′ 54.0″E

Disused submarine cable [L32] joining
22° 21′ 13.6″N 114° 04′ 30.7″E
22° 21′ 13.6″N 114° 04′ 24.5″E
22° 21′ 09.9″N 114° 04′ 16.1″E
22° 21′ 01.2″N 114° 04′ 03.5″E

Disused submarine cable [L32] between
22° 20′ 55.5″N 114° 03′ 57.7″E
22° 20′ 51.8″N 114° 03′ 52.7″E

Disused submarine cable [L32] between
22° 21′ 04.1″N 114° 04′ 50.5″E
22° 21′ 04.6″N 114° 04′ 30.3″E

Disused submarine cable [L32] joining
22° 21′ 04.7″N 114° 04′ 27.6″E
22° 21′ 05.3″N 114° 04′ 23.6″E
22° 21′ 00.9″N 114° 04′ 13.3″E

Submarine cable (power) [L31.1] joining
22° 21′ 52.2″N 114° 03′ 50.8″E
22° 21′ 46.4″N 114° 03′ 46.6″E
22° 21′ 39.8″N 114° 03′ 44.8″E
22° 21′ 30.8″N 114° 03′ 45.5″E
22° 21′ 19.7″N 114° 03′ 49.5″E
(23(32)08 Hong Kong; HK CH 1502)

93736 25Ed. 9/1/07 LAST NM N6/09 N31/09
Add Double solid line with land tint (bridge) [D22]
and legend "(63)" between 22° 19′ 22.8″N 114° 07′ 19.8″E
22° 19′ 42.6″N 114° 06′ 54.0″E
(9(12)09 Hong Kong)

93736 25Ed. 9/1/07 LAST NM N31/09 N40/09
Add Depth 6.8 meters 22° 18′ 49.6″N 114° 08′ 53.8″E
(16(20)09 Hong Kong)

93736 25Ed. 9/1/07 LAST NM N40/09 N49/09
Add Depth 6.5 meters 22° 14′ 35.4″N 114° 03′ 07.1″E
(20(25)09 Hong Kong)

93736 25Ed. 9/1/07 LAST NM N49/09 N9/10
Delete Buoy "B26" 22° 18′ 51.2″N 114° 07′ 25.9″E
Buoy "A13" 22° 18′ 40.1″N 114° 07′ 18.5″E
Buoy "B20" 22° 18′ 14.8″N 114° 07′ 06.0″E
Buoy "A46" 22° 17′ 41.3″N 114° 06′ 31.0″E
Buoy "A76" 22° 17′ 33.0″N 114° 06′ 44.8″E
Buoy "B31" 22° 17′ 33.0″N 114° 07′ 02.3″E
Buoy "A70" 22° 17′ 33.0″N 114° 07′ 19.8″E
Buoy "B6" 22° 17′ 54.2″N 114° 08′ 47.0″E
Buoy "B5" 22° 17′ 55.1″N 114° 08′ 58.6″E
Buoy "B1" 22° 18′ 35.3″N 114° 12′ 07.6″E
Buoy "A62" 22° 17′ 03.5″N 114° 15′ 29.2″E
Buoy "A60" 22° 17′ 09.5″N 114° 15′ 52.6″E
(1(1)10 Hong Kong)

93736 25Ed. 9/1/07 LAST NM N9/10 N13/10
Delete Buoy "A17" 22° 18′ 01.5″N 114° 12′ 45.1″E
Buoy "A43" 22° 17′ 55.8″N 114° 13′ 00.0″E

Add Buoy (mooring) [Q41] "A17" QY
22° 17′ 53.9″N 114° 13′ 22.3″E
Buoy (mooring) [Q41] "A43" QY
22° 17′ 50.2″N 114° 13′ 07.3″E
(3(4)10 Hong Kong)

93736 25Ed. 9/1/07 LAST NM N13/10 N15/10
Change Legend "(63)" to "(68.5)" along bridge
between 22° 19′ 22.8″N 114° 07′ 19.8″E
22° 19′ 42.6″N 114° 06′ 54.0″E
(See N31/09-93736)

Add Light QR 76m 4M 22° 19′ 42.3″N 114° 06′ 55.4″E
Light QR 76m 4M 22° 19′ 41.4″N 114° 06′ 54.5″E
Light Iso 4s 82m 4M 22° 19′ 33.1″N 114° 07′ 07.4″E
Light Iso 4s 82m 4M 22° 19′ 32.1″N 114° 07′ 06.5″E
Light QG 75m 4M 22° 19′ 23.7″N 114° 07′ 19.5″E
Light QG 75m 4M 22° 19′ 22.8″N 114° 07′ 18.6″E
(26(37)09 Hong Kong; UKHO LL)

93736 25Ed. 9/1/07 LAST NM N15/10 N29/10
Add Depth 15.8 meters 22° 19′ 36.0″N 114° 06′ 31.8″E
(9(12)10 Hong Kong)

93736 25Ed. 9/1/07 LAST NM N29/10 N44/10
Delete Depth 14 meters 22° 15′ 21.4″N 114° 16′ 07.7″E

Add Depth 13 meters Obstn [K41]
22° 15′ 20.2″N 114° 16′ 12.6″E
(20(37)10 Hong Kong)

93736 25Ed. 9/1/07 LAST NM N44/10 N45/10
Delete Depth 5.1 meters 22° 18′ 57.0″N 114° 09′ 29.0″E

Add Depth 3.7 meters enclosed by depth contour
(5-meter) centered 22° 18′ 58.6″N 114° 09′ 31.1″E
(21(40)10 Hong Kong)

93736 25Ed. 9/1/07 LAST NM N45/10 N49/10
Substitute Depth 4.3 meters enclosed by depth contour
(5-meter) for 6.1 meters 22° 16′ 19.5″N 114° 03′ 46.1″E
(22(42)10 Hong Kong)

93736 25Ed. 9/1/07 LAST NM N49/10 N5/11
Add Buoy "Naval Base" Y, pillar, QY [Q130.6]
22° 18′ 46.8″N 114° 08′ 01.8″E
(26(47)10 Hong Kong)

93736 25Ed. 9/1/07 LAST NM N5/11 N11/11
Delete Legend "Works in progress (2006)"
22° 17′ 11.2″N 114° 09′ 51.0″E
Legend "Works in progress (2006)"
22° 17′ 02.0″N 114° 09′ 58.5″E

Legend "Star Ferry Piers" 22° 17′ 05.5″N 114° 09′ 40.5″E
Legend "Queen's Pier" 22° 17′ 01.0″N 114° 09′ 45.0″E

Purple composite line between
22° 16′ 57.9″N 114° 09′ 45.1″E
22° 17′ 02.8″N 114° 09′ 50.0″E

Relocate Legend "Fenwick Pier" from
22° 16′ 56.5″N 114° 10′ 07.0″E to
22° 16′ 52.0″N 114° 10′ 08.5″E

Substitute Solid line for dashed line in vicinity
22° 17′ 03.0″N 114° 09′ 45.0″E
and add land tint to area bound by shore and
above solid line

Solid line for dashed line in vicinity
22° 16′ 56.0″N 114° 10′ 04.5″E
and add land tint to area bound by shore and
above solid line

Solid line for dashed line between
22° 17′ 06.9″N 114° 09′ 45.0″E
22° 17′ 07.8″N 114° 09′ 47.8″E
and add land tint to area bound by shore and
above solid line

Depth 9.5 meters for 9.8 meters
22° 17′ 04.9″N 114° 09′ 50.8″E
(4(4)11 Hong Kong)

93736 25Ed. 9/1/07 LAST NM N11/11 N19/11
Substitute Depth 11.9 meters for 12.5 meters
22° 17′ 36.6″N 114° 09′ 55.1″E
(7(12)11 Hong Kong)

93736 25Ed. 9/1/07 LAST NM N19/11 N41/11
Add Depth 2.9 meters Wk [K26]
22° 18′ 00.0″N 114° 05′ 03.2″E
(19(37)11 Hong Kong)

93736 25Ed. 9/1/07 LAST NM N41/11 N47/11
Delete Depth 2.9 meters Wk 22° 18′ 00.0″N 114° 05′ 03.2″E
(Supersedes N41/11-93736)
(22(42)11 Hong Kong)

93736 25Ed. 9/1/07 LAST NM N47/11 N17/12
Relocate Buoy "YMT 1" from
22° 18′ 00.5″N 114° 09′ 03.8″E to
22° 18′ 06.4″N 114° 09′ 03.8″E
(6(6)12 Hong Kong)

93736 25Ed. 9/1/07 LAST NM N17/12 N5/13
Add Submarine pipeline [L40.1] with legend "Gas"
joining 22° 18′ 46.2″N 114° 11′ 31.0″E
22° 18′ 45.9″N 114° 11′ 37.9″E
22° 18′ 34.7″N 114° 11′ 45.6″E
22° 18′ 27.5″N 114° 11′ 53.0″E
22° 18′ 20.9″N 114° 12′ 08.4″E
22° 18′ 16.6″N 114° 12′ 14.6″E
22° 18′ 11.1″N 114° 12′ 19.5″E
22° 18′ 05.0″N 114° 12′ 23.0″E
22° 17′ 38.1″N 114° 12′ 34.3″E
22° 17′ 33.8″N 114° 12′ 34.4″E

Depth 9.7 meters 22° 18′ 53.2″N 114° 07′ 49.3″E
and extend depth contour (10-meter) WSW to
enclose
(25(63, 64)12 Hong Kong; UKHO ARCS 4118-0)

93736 25Ed. 9/1/07 LAST NM N5/13 N26/13
Add Submarine cable [L30.1] joining
22° 16′ 54.9″N 114° 16′ 02.5″E
22° 16′ 50.7″N 114° 15′ 38.4″E
22° 16′ 13.9″N 114° 15′ 18.4″E
22° 14′ 35.0″N 114° 15′ 55.1″E
(6(16)13 Hong Kong)

93736 25Ed. 9/1/07 LAST NM N26/13 N27/13
Relocate Buoy "YMT 1" from
22° 18′ 06.4″N 114° 09′ 03.8″E to
22° 18′ 00.7″N 114° 09′ 03.8″E
(7(20)13 Hong Kong)

93736 25Ed. 9/1/07 LAST NM N27/13 N4/14
Delete Depth 13 meters Obstn 22° 15′ 20.2″N 114° 16′ 12.6″E

Add Depth 14.3 meters 22° 15′ 17.0″N 114° 16′ 12.8″E
(26(61)13 Hong Kong)

★93778 9Ed. 5/18/13 NEW EDITION N35/13
(NGA)

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★**94004** 7Ed. 7/23/11 NEW EDITION 52/11
Add Wreck [K29] 22° 11.4′ N 120° 58.1′ E
Wreck [K29] 22° 25.7′ N 121° 39.8′ E
(Previously published 36/11)

Substitute Depth 550 meters for 201 meters "Rep (1965)" and enclosing dotted-line circle centered 21° 13.0′ N 121° 33.0′ E
(Previously published 38/11)

Add Wreck [K29] 22° 54.9′ N 119° 35.7′ E
(Previously published 45/11)

Add Wreck [K29] 21° 52.0′ N 120° 33.0′ E
(NGA; 63/11 Tso-ying)

94004 7Ed. 7/23/11 LAST NM 52/11 5/12
Add Wreck [K29] 23° 47.0′ N 119° 08.0′ E
(186/11 Tso-ying)

94004 7Ed. 7/23/11 LAST NM 5/12 9/12
Add Wreck [K29] 22° 38.0′ N 121° 48.0′ E
(201/11 Tso-ying)

94004 7Ed. 7/23/11 LAST NM 9/12 18/12
Add Danger circle "Obstn Rep (2007)" [K40] (PA) 24° 42.0′ N 119° 15.0′ E
(9(234)12 Tianjin)

94004 7Ed. 7/23/11 LAST NM 18/12 21/12
Add Wreck [K29] 25° 10.2′ N 121° 49.9′ E
(44/12 Tso-ying)

94004 7Ed. 7/23/11 LAST NM 21/12 22/12
Delete Light and Racon 23° 27.1′ N 120° 01.9′ E

Add Light Fl 4s 11M 23° 27.2′ N 120° 02.6′ E

Depth 3.5 meters, blue tint and enclosing depth contour (5-meter) centered 23° 13.6′ N 119° 14.3′ E
Depth 3.5 meters, blue tint and enclosing depth contour (5-meter) centered 23° 15.4′ N 119° 10.5′ E
Depth 4.8 meters, blue tint and enclosing depth contour (5-meter) centered 23° 09.8′ N 119° 10.5′ E
(8, 12/12 Tso-ying; UKHO ARCS 1760-0)

94004 7Ed. 7/23/11 LAST NM 22/12 26/12
Add Wreck [K29] 22° 42.0′ N 119° 53.0′ E
(53/12 Tso-ying)

94004 7Ed. 7/23/11 LAST NM 26/12 37/12
Add Wreck [K29] 22° 24.3′ N 121° 15.4′ E
(107/12 Tso-ying)

94004 7Ed. 7/23/11 LAST NM 37/12 39/12
Delete Wreck 24° 50.2′ N 120° 30.1′ E

Add Wreck [K29] 24° 45.4′ N 120° 34.8′ E
(118/12 Tso-ying)

94004 7Ed. 7/23/11 LAST NM 39/12 43/12
Add Buoy ODAS [Q58] Y, spherical, Fl R 4s, Fl Y 4s 23° 59.9′ N 120° 12.0′ E
(127/12 Tso-ying)

94004 7Ed. 7/23/11 LAST NM 43/12 49/12
Add Wreck [K29] 21° 38.1′ N 120° 55.2′ E
(142/12 Tso-ying)

94004 7Ed. 7/23/11 LAST NM 49/12 11/13
Add Dangerous wreck [K28] 24° 48.7′ N 118° 57.2′ E
(5(561)13 Taunton)

94004 7Ed. 7/23/11 LAST NM 11/13 30/13
Add Wreck [K29] 23° 40.1′ N 119° 55.1′ E
(6/13 Tso-ying)

94004 7Ed. 7/23/11 LAST NM 30/13 33/13
Relocate Buoy from 23° 59.9′ N 120° 12.0′ E to 24° 01.2′ N 120° 14.0′ E
(See 43/12-94004)
(61/13 Tso-ying)

94004 7Ed. 7/23/11 LAST NM 33/13 52/13
Add Wreck [K29] 22° 07.6′ N 120° 10.5′ E
Wreck [K29] 22° 23.1′ N 121° 20.0′ E
(144, 150/13 Tso-ying)

★**94016** 3Ed. 10/3/09 NEW EDITION 12/10
Delete Submarine cable between 30° 28.5′ N 130° 14.3′ E
30° 27.5′ N 130° 19.5′ E
(NGA; 39(1664)09 Tokyo)

94016 3Ed. 10/3/09 LAST NM 12/10 30/10
Add Wreck [K29] (PA) 25° 21.0′ N 121° 43.0′ E
(175/09 Tso-ying)

94016 3Ed. 10/3/09 LAST NM 30/10 33/10
Delete Stranded wreck and light symbol 25° 00.0′ N 120° 49.0′ E

Add Wreck [K29] 24° 57.9′ N 120° 47.5′ E
(137/09 Tso-ying)

94016 3Ed. 10/3/09 LAST NM 33/10 38/10
Add Wreck [K26] (PA) 30° 59.5′ N 124° 24.4′ E
(5(189)10 Tianjin)

94016 3Ed. 10/3/09 LAST NM 38/10 51/10
Add Wreck [K29] 24° 50.2′ N 120° 30.1′ E
(212/10 Tso-ying)

94016 3Ed. 10/3/09 LAST NM 51/10 21/12
Add Wreck [K29] 25° 10.2′ N 121° 49.9′ E
(44/12 Tso-ying)

94016 3Ed. 10/3/09 LAST NM 21/12 30/12
Add Depth 121 meters "Rep (1994)" enclosed by dotted-line circle centered 30° 13.0′ N 130° 08.6′ E
(NTM0003/2012)

94016 3Ed. 10/3/09 LAST NM 30/12 39/12
Delete Wreck 24° 50.2′ N 120° 30.1′ E

Add Wreck [K29] 24° 45.4′ N 120° 34.8′ E
(118/12 Tso-ying)

94016 3Ed. 10/3/09 LAST NM 39/12 3/13
Add Depth 495 meters enclosed by depth contour (500-meter) centered 28° 23.6′ N 127° 39.5′ E
(NTM0005/2012)

94016 3Ed. 10/3/09 LAST NM 3/13 12/13
Delete Wreck 28° 40.5′ N 122° 29.1′ E

Depth 35 meters, danger circle and legend "Obstn" 28° 27.3′ N 122° 10.1′ E

Danger circle "Obstn" 28° 13.7′ N 122° 40.8′ E
(5(517)13 Taunton)

94016 3Ed. 10/3/09 LAST NM 12/13 30/13
Add Depth 93 meters Wk [K26] 26° 19.1′ N 122° 35.8′ E
(NTM0002/2013)

94016 3Ed. 10/3/09 LAST NM 30/13 31/13
Add Wreck [K29] 25° 05.1′ N 122° 44.6′ E
(50/13 Tso-ying)

94016 3Ed. 10/3/09 LAST NM 31/13 36/13
Add Dangerous wreck [K28] (PA) 29° 56.3′ N 122° 45.1′ E
(28(3089)13 Taunton)

94016 3Ed. 10/3/09 LAST NM 36/13 8/14
Substitute Depth 31 meters Wk [K26] for dangerous wreck 30° 47.2′ N 122° 35.4′ E
(36(1367)13 Tianjin)

★**94028** 8Ed. 9/26/09 NEW EDITION 48/09
(NGA)

94028 8Ed. 9/26/09 LAST NM 48/09 5/10
Add Depth 173 meters "Rep (2010)" [I3.2] enclosed by depth contour (200-meter) centered 32° 23.0′ N 129° 08.8′ E
(NTM0003/2010)

94028 8Ed. 9/26/09 LAST NM 5/10 20/10
Add Characteristic (D) to Racon 35° 25.8′ N 130° 00.0′ E
(ROK CH 103)

94028 8Ed. 9/26/09 LAST NM 20/10 37/10
Add Light symbol [P1] with Racon (D) [S3.1] 32° 07.4′ N 125° 10.9′ E

Stranded wreck [K24] 32° 07.7′ N 125° 10.7′ E
(30(434)10 Inchon)

94028 8Ed. 9/26/09 LAST NM 37/10 38/10
Add Wreck [K26] (PA) 30° 59.5′ N 124° 24.4′ E
(5(189)10 Tianjin)

94028 8Ed. 9/26/09 LAST NM 38/10 41/10
Delete Stranded wreck 32° 07.7′ N 125° 10.7′ E
(See 37/10-94028)

Add Dangerous wreck [K28] 32° 07.8′ N 125° 10.7′ E
(35(514)10 Inchon)

94028 8Ed. 9/26/09 LAST NM 41/10 10/13
Add Dangerous wreck [K28] 36° 39.5′ N 122° 25.7′ E
(5(558)13 Taunton)

★94028 8Ed. 9/26/09 LAST NM 10/13 14/13
Add Wreck [K29] "Rep (2013)" 35° 59.4′ N 124° 59.4′ E
(NTM0010/2013)

94028 8Ed. 9/26/09 LAST NM 14/13 16/13
Add Dangerous wreck [K28] (ED) 34° 50.0′ N 121° 05.0′ E
(Cna CH 12000)

94028 8Ed. 9/26/09 LAST NM 16/13 25/13
Add AIS [S17.1] to light 35° 29.6′ N 129° 26.6′ E
(7(107)13 Inchon)

94028 8Ed. 9/26/09 LAST NM 25/13 28/13
Add AIS [S17.1] to light 35° 21.4′ N 129° 21.5′ E
(7(108)13 Inchon)

94028 8Ed. 9/26/09 LAST NM 28/13 32/13
Add Buoy ODAS "No 3" Y, conical, Fl(5) Y 20s 34° 13.4′ N 128° 25.0′ E
Buoy ODAS "No 5" Y, conical, Fl(5) Y 20s 33° 49.3′ N 126° 35.4′ E
Buoy ODAS "No 6" Y, conical, Fl(5) Y 20s 34° 06.7′ N 125° 22.9′ E
(37(567, 569), 39(616)12 Inchon)

94028 8Ed. 9/26/09 LAST NM 32/13 34/13
Add Dangerous wreck [K28] "Rep (2008)" 35° 39.1′ N 124° 50.8′ E
Depth 28.5 meters Wk [K26] 34° 06.4′ N 126° 30.4′ E
(35(532), 43(682)11 Inchon)

94028 8Ed. 9/26/09 LAST NM 34/13 35/13
Add Buoy ODAS [Q58] "No 2" Y, conical, Fl(5) Y 20s 34° 56.0′ N 129° 08.3′ E
(36(551)12 Inchon)

94028 8Ed. 9/26/09 LAST NM 35/13 42/13
Delete Wreck 34° 55.8′ N 122° 38.8′ E

Add Dangerous wreck [K28] "Rep (2012)" (PA) 34° 55.6′ N 122° 36.6′ E
(1(2)13 Tianjin; UKHO ARCS 3480-0)

94028 8Ed. 9/26/09 LAST NM 42/13 8/14
Substitute Depth 31 meters Wk [K26] for wreck 30° 47.2′ N 122° 35.4′ E
(36(1367)13 Tianjin)

★94033 6Ed. 3/12/11 NEW EDITION 33/11
Add Depth 6.4 meters 37° 52.9′ N 124° 38.3′ E
and extend depth contour (10-meter) and blue tint W to enclose
(NGA; NTM0016/2011)

94033 6Ed. 3/12/11 LAST NM 33/11 10/13
Add Dangerous wreck [K28] 36° 39.5′ N 122° 25.7′ E
(5(558)13 Taunton)

94033 6Ed. 3/12/11 LAST NM 10/13 16/13
Add Dangerous wreck [K28] 37° 51.6′ N 123° 11.4′ E
(7(213)13 Tianjin)

94033 6Ed. 3/12/11 LAST NM 16/13 19/13
Add Dangerous wreck [K28] 38° 54.9′ N 118° 35.7′ E
(7(178)12 Tianjin)

94033 6Ed. 3/12/11 LAST NM 19/13 20/13
Delete Depth 11.8 meters 38° 29.7′ N 118° 13.7′ E

Substitute Depth 9.4 meters for 11.2 meters 38° 31.2′ N 118° 08.4′ E

Add Depth 11 meters 38° 30.5′ N 118° 13.7′ E
Depth 12.6 meters 38° 33.6′ N 118° 17.3′ E
(Cna CH 11800)

94033 6Ed. 3/12/11 LAST NM 20/13 23/13
Add Depth 0.4 meter 37° 11.4′ N 126° 16.5′ E
(11(199)13 Inchon)

94033 6Ed. 3/12/11 LAST NM 23/13 40/13
Add Dangerous wreck [K28] 39° 18.7′ N 121° 18.4′ E
Note: Buoy remains
(25(760)12 Tianjin)

94033 6Ed. 3/12/11 LAST NM 40/13 42/13
Delete Buoy 39° 33.0′ N 123° 56.1′ E

Add Depth 22 meters Wk [K26] 39° 54.5′ N 120° 29.9′ E
(23(690)12, 1(1)13 Tianjin)

★94040 14Ed. 6/17/06 NEW EDITION 40/06
Add Purple dashed-line circle "Unexploded ordnance" (PA) 23° 29.1′ N 117° 34.6′ E

Stranded wreck [K24] (PA) 22° 51.3′ N 116° 26.8′ E
(Previously published 35/06)

Wreck [K29] (PA) 23° 14.0′ N 117° 27.0′ E
(Previously published 39/06)
(NGA)

94040 14Ed. 6/17/06 LAST NM 40/06 43/06
Add Dangerous wreck [K28] (PA) 23° 18.7′ N 116° 48.3′ E
(11(185)06 Tianjin)

94040 14Ed. 6/17/06 LAST NM 43/06 44/06
Delete Dangerous wreck 23° 18.7′ N 116° 48.3′ E
(See 43/06-94040)
(33(709)06 Tianjin)

94040 14Ed. 6/17/06 LAST NM 44/06 15/07
Add Dangerous wreck [K28] (PA) 23° 20.6′ N 117° 02.7′ E
(9(241)07 Tianjin)

94040 14Ed. 6/17/06 LAST NM 15/07 17/07
Add Dangerous wreck [K28] (PA) 23° 17.0′ N 117° 00.0′ E
(7(181)07 Tianjin)

94040 14Ed. 6/17/06 LAST NM 17/07 18/07
Add Dangerous wreck [K28] 23° 23.0′ N 117° 37.0′ E
(6(151)07 Tianjin)

94040 14Ed. 6/17/06 LAST NM 18/07 35/07
Add Dangerous wreck [K28] 23° 23.4′ N 117° 43.4′ E
(23(667)07 Tianjin)

94040 14Ed. 6/17/06 LAST NM 35/07 7/08
Add Wreck [K29] 22° 25.4′ N 119° 31.7′ E
(132/07 Tso-ying)

★**94040** 14Ed. 6/17/06 LAST NM 7/08 18/08
Add Depth 25 meters "Rep (2007)" [I3.2]
23° 12.8′ N 119° 10.8′ E
(NTM0012/2008)

94040 14Ed. 6/17/06 LAST NM 18/08 19/08
Add Wreck [K29] (PA) 23° 13.0′ N 117° 20.0′ E
(4(68)08 Tianjin)

94040 14Ed. 6/17/06 LAST NM 19/08 52/08
Add Wreck [K29] 22° 27.1′ N 119° 26.0′ E
(131/08 Tso-ying)

94040 14Ed. 6/17/06 LAST NM 52/08 6/09
Delete Dangerous wreck (PA) 23° 20.6′ N 117° 02.7′ E
(46(1642)08 Tianjin)

94040 14Ed. 6/17/06 LAST NM 6/09 15/09
Add Wreck [K29] 23° 31.8′ N 119° 30.9′ E
(157/08 Tso-ying)

94040 14Ed. 6/17/06 LAST NM 15/09 8/10
Add Light L Fl 6s 20m 10M 23° 33.9′ N 117° 07.9′ E
(Cna CH 14479)

94040 14Ed. 6/17/06 LAST NM 8/10 24/10
Add Solid line (breakwater) [F4.1] between
23° 12.7′ N 116° 47.1′ E
23° 12.3′ N 116° 47.1′ E

Light L Fl 6s 25m 10M 23° 12.3′ N 116° 47.1′ E

Buoy "No 1" G, pillar, cone topmark, Fl G 4s
23° 12.0′ N 116° 45.9′ E
(Cna CH 14479)

94040 14Ed. 6/17/06 LAST NM 24/10 31/10
Add Wreck [K29] 22° 26.6′ N 119° 39.0′ E
(80/10 Tso-ying)

94040 14Ed. 6/17/06 LAST NM 31/10 33/10
Relocate Light from 23° 11.6′ N 119° 25.2′ E to
23° 11.4′ N 119° 25.7′ E

Add Stranded wreck [K24] 23° 42.8′ N 119° 36.0′ E
Dangerous wreck [K28] (PD) 23° 16.2′ N 118° 18.0′ E
(152/09, 68, 104/10 Tso-ying)

94040 14Ed. 6/17/06 LAST NM 33/10 39/10
Delete Depth 28.5 meters 23° 16.0′ N 118° 17.6′ E
(8(450)10 Tianjin)

94040 14Ed. 6/17/06 LAST NM 39/10 46/10
Add Wreck [K29] 22° 46.5′ N 119° 34.9′ E
(189/10 Tso-ying)

94040 14Ed. 6/17/06 LAST NM 46/10 51/10
Add Dangerous wreck [K28] 22° 59.3′ N 118° 48.8′ E
(212/10 Tso-ying)

94040 14Ed. 6/17/06 LAST NM 51/10 4/11
Add Buoy Y, pillar, "X" topmark, Mo(O) Y 12s
[Q130.6] 22° 20.0′ N 117° 20.4′ E
(47(2102)10 Tianjin)

94040 14Ed. 6/17/06 LAST NM 4/11 5/11
Add Wreck [K29] 23° 50.9′ N 119° 09.9′ E
(232/10 Tso-ying)

94040 14Ed. 6/17/06 LAST NM 5/11 12/11
Add Light Fl 2s 6m 5M 23° 42.2′ N 117° 30.0′ E
(3(58)11 Tianjin)

94040 14Ed. 6/17/06 LAST NM 12/11 22/11
Add Light Fl 8s 77m 18M 23° 24.2′ N 117° 08.2′ E
Dangerous wreck [K28] (PA) 23° 15.0′ N 118° 11.0′ E
(46(1733, 1734)09 Tianjin)

94040 14Ed. 6/17/06 LAST NM 22/11 45/11
Add Wreck [K29] 22° 54.9′ N 119° 35.7′ E
(142/11 Tso-ying)

94040 14Ed. 6/17/06 LAST NM 45/11 5/12
Add Wreck [K29] 23° 47.0′ N 119° 08.0′ E
(186/11 Tso-ying)

94040 14Ed. 6/17/06 LAST NM 5/12 14/12
Add Dangerous wreck [K28] (PA) 23° 10.2′ N 117° 06.8′ E
(34(1081)07 Tianjin)

94040 14Ed. 6/17/06 LAST NM 14/12 22/12
Add Depth 3.5 meters, blue tint and enclosing
depth contour (10-meter) centered 23° 13.6′ N 119° 14.3′ E
Depth 3.5 meters, blue tint and enclosing
depth contour (10-meter) centered 23° 15.4′ N 119° 10.5′ E
Depth 9.3 meters, blue tint and enclosing
depth contour (10-meter) centered 23° 17.1′ N 119° 11.7′ E
Depth 6.9 meters, blue tint and enclosing
depth contour (10-meter) centered 23° 11.6′ N 119° 10.6′ E
Depth 4.8 meters, blue tint and enclosing
depth contour (10-meter) centered 23° 09.8′ N 119° 10.5′ E
Depth 12.4 meters, blue tint and enclosing
depth contour (20-meter) centered 23° 21.0′ N 119° 12.0′ E
(8/12 Tso-ying; UKHO ARCS 1760-0)

94040 14Ed. 6/17/06 LAST NM 22/12 23/12
Add Dangerous wreck [K28] 23° 47.8′ N 119° 35.8′ E
Dangerous wreck [K28] 23° 26.6′ N 116° 55.4′ E
(14(383)12 Tianjin; 32/12 Tso-ying)

94040 14Ed. 6/17/06 LAST NM 23/12 31/12
Add Superbuoy ODAS [Q58] Y, Fl R 4s 23° 43.6′ N 119° 33.1′ E
(87/12 Tso-ying)

94040 14Ed. 6/17/06 LAST NM 31/12 43/13
Add Range light, front FR 54m 10M 23° 13.9′ N 116° 46.1′ E
Range light, rear FR 68m 10M 23° 14.2′ N 116° 46.1′ E
(35(1312)12 Tianjin)

★**94042** 10Ed. 8/18/12 NEW EDITION N1/13
(NGA)

94042 10Ed. 8/18/12 LAST NM N1/13 N43/13
(Panel A)
Add Range light, front FR 54m 10M
23° 13′ 52.2″N 116° 46′ 03.8″E
Range light, rear FR 68m 10M
23° 14′ 14.3″N 116° 46′ 03.7″E
Range line (dashed) extending in 180°
direction from above rear light
Legend "Ldg Lts 000.0°" along above range
line

(Panel B)
Add Range light, front FR 54m 10M
23° 13′ 52″N 116° 46′ 04″E
Range light, rear FR 68m 10M 23° 14′ 14″N 116° 46′ 04″E
Range line (dashed) extending in 180°
direction from above rear light
Legend "Ldg Lts 000.0°" along above range
line
(35(1312)12 Tianjin)

★**94060** 12Ed. 6/30/07 NEW EDITION 41/07
(NGA)

94060 12Ed. 6/30/07 LAST NM 41/07 12/08
Add Depth 32 meters Wk [K26] 24° 51.8′ N 119° 27.5′ E
Depth 47 meters Wk [K26] 24° 50.1′ N 119° 27.8′ E
(2(20)08 Tianjin)

94060 12Ed. 6/30/07 LAST NM 12/08 14/08
Add Fishing prohibited area [N21] bound by purple
composite line joining 23° 37.1′ N 119° 41.1′ E
23° 37.1′ N 119° 42.6′ E
23° 35.6′ N 119° 42.6′ E
23° 35.6′ N 119° 41.1′ E
(13/04 Tso-ying)

94060 12Ed. 6/30/07 LAST NM 14/08 15/08
Add Fishing prohibited area [N21] bound by purple composite-line circle, radius 0.5 mile, centered 24° 23.4′ N 118° 28.5′ E
(13/04 Tso-ying)

94060 12Ed. 6/30/07 LAST NM 15/08 16/08
Add Depth 4 meters Wk [K26] (PA) 24° 02.0′ N 119° 58.0′ E
(3, 13/08 Tso-ying)

94060 12Ed. 6/30/07 LAST NM 16/08 31/08
Delete Depth 4 meters Wk (PA) 24° 02.0′ N 119° 58.0′ E
(Supersedes 16/08-94060)
(41/08 Tso-ying)

94060 12Ed. 6/30/07 LAST NM 31/08 36/08
Change Light to Fl G 4s 22m 18M Racon (M) 24° 18.0′ N 120° 28.8′ E
Add Light Fl G 3s 25m 16M 23° 46.8′ N 120° 09.1′ E
(71, 88/08 Tso-ying)

★**94060** 12Ed. 6/30/07 LAST NM 36/08 2/09
Add Danger circle [K40] "Obstn Rep (2008)" 23° 38.1′ N 119° 50.8′ E
Danger circle [K40] "Obstn Rep (2008)" 23° 45.6′ N 119° 54.3′ E
Danger circle [K40] "Obstn Rep (2008)" 23° 36.3′ N 119° 52.3′ E
Danger circle [K40] "Obstn Rep (2008)" 23° 35.6′ N 119° 50.7′ E
(NTM0005/2008)

94060 12Ed. 6/30/07 LAST NM 2/09 15/09
Add Wreck [K29] 23° 31.8′ N 119° 30.9′ E
(157/08 Tso-ying)

94060 12Ed. 6/30/07 LAST NM 15/09 48/09
Delete Wreck 23° 55.3′ N 120° 02.3′ E
Dangerous wreck 23° 57.1′ N 119° 58.0′ E
Wreck 23° 58.1′ N 119° 57.5′ E
Wreck 24° 00.2′ N 119° 59.5′ E
Dangerous wreck (PA) 24° 07.1′ N 119° 59.1′ E

Substitute Foul ground symbol [K31] for dangerous wreck 23° 55.0′ N 120° 02.9′ E
Depth 20.1 meters "Rep (1923)" [I3.2] for 32 meters 24° 12.2′ N 119° 49.4′ E

Add Wreck [K29] 23° 59.6′ N 119° 59.9′ E
Wreck [K29] 23° 57.6′ N 119° 58.0′ E
Wreck [K29] 23° 52.9′ N 120° 03.5′ E
Dangerous wreck [K28] 24° 11.7′ N 119° 54.4′ E
Dangerous wreck [K28] (PA) 24° 12.0′ N 119° 48.0′ E

Legend "Rep (1963)" to depth 9.6 meters 24° 11.2′ N 119° 38.3′ E
(Twn CH 336, 356; BA CH 1760, 2409)

94060 12Ed. 6/30/07 LAST NM 48/09 6/10
Delete Buoy 24° 19.8′ N 120° 31.3′ E
(Twn CH 357)

94060 12Ed. 6/30/07 LAST NM 6/10 13/10
Add Purple circle and legend "AIS" to buoy "No 1" 25° 15.6′ N 119° 41.3′ E

Legend "AIS" to light 25° 19.0′ N 119° 33.5′ E
(2(71)10 Tianjin)

94060 12Ed. 6/30/07 LAST NM 13/10 33/10
Delete "Dangerous Precautionary Area" bound by purple composite-line circle, stranded wreck, lights (4) and legend "(marked by lights)" in vicinity 24° 58.0′ N 120° 48.0′ E

Add Wreck [K29] 24° 02.1′ N 119° 57.9′ E
Wreck [K29] 23° 39.5′ N 119° 51.5′ E
Wreck [K29] 24° 57.9′ N 120° 47.5′ E
Stranded wreck [K24] 23° 42.8′ N 119° 36.0′ E
(137, 168/09, 18, 68/10 Tso-ying)

94060 12Ed. 6/30/07 LAST NM 33/10 38/10
Add Depth 22.5 meters 23° 54.5′ N 120° 03.7′ E
Depth 22.5 meters 23° 57.3′ N 120° 03.5′ E
Wreck [K29] (PA) 25° 21.7′ N 120° 19.5′ E
(1(3), 6(266)10 Tianjin)

94060 12Ed. 6/30/07 LAST NM 38/10 51/10
Add Wreck [K29] 24° 50.2′ N 120° 30.1′ E
(212/10 Tso-ying)

94060 12Ed. 6/30/07 LAST NM 51/10 4/11
Substitute Foul ground symbol [K31] for depth 25 meters "Chain" 23° 44.3′ N 119° 59.7′ E

Add Foul ground symbol [K31] 23° 44.5′ N 120° 07.3′ E

Pilot station symbol [T1.2] with legend "VLCC" 23° 43.7′ N 120° 02.2′ E
(47(2100, 2101)10 Tianjin; UKHO ARCS 2409-0)

94060 12Ed. 6/30/07 LAST NM 4/11 5/11
Add Danger circle "Obstn" [K40] (PA) 24° 48.6′ N 118° 47.7′ E
Wreck [K29] 23° 50.9′ N 119° 09.9′ E
(45(2003)10 Tianjin; 232/10 Tso-ying)

94060 12Ed. 6/30/07 LAST NM 5/11 12/11
Add Light Fl 2s 6m 5M 23° 42.2′ N 117° 30.0′ E
(3(58)11 Tianjin)

94060 12Ed. 6/30/07 LAST NM 12/11 34/11
Add Light Fl(3) 15s 83m 16M 24° 31.7′ N 118° 11.4′ E
(35(1581)10 Tianjin)

94060 12Ed. 6/30/07 LAST NM 34/11 41/11
Change Height of beacon to 31m 25° 09.5′ N 119° 31.2′ E
Height of beacon to 19m 25° 08.3′ N 119° 23.6′ E
(UKHO LL)

94060 12Ed. 6/30/07 LAST NM 41/11 43/11
Change Light to Fl(3) 10s 22m 10M Racon (G), Fl 10s 66m 15M 24° 57.9′ N 119° 01.9′ E
(51(1167)06 Tianjin; UKHO LL)

94060 12Ed. 6/30/07 LAST NM 43/11 5/12
Add Wreck [K29] 23° 47.0′ N 119° 08.0′ E

Submarine pipeline [L40.1] with legend "CAUTION NO 5" joining 24° 17.7′ N 120° 30.8′ E
24° 19.9′ N 120° 27.5′ E
24° 22.5′ N 120° 27.1′ E
24° 27.3′ N 120° 31.1′ E
24° 29.7′ N 120° 36.4′ E
24° 29.0′ N 120° 39.3′ E

Submarine pipeline [L40.1] with legend "CAUTION NO 5" joining 24° 29.0′ N 120° 39.3′ E
24° 33.4′ N 120° 36.7′ E
24° 38.9′ N 120° 38.1′ E
24° 50.0′ N 120° 46.8′ E
25° 00.6′ N 120° 53.4′ E
25° 02.0′ N 121° 00.4′ E
25° 17.2′ N 121° 01.6′ E
(150/10, 186/11 Tso-ying; UKHO ARCS 3231-0, 3658-0)

94060 12Ed. 6/30/07 LAST NM 5/12 18/12
Add Danger circle "Obstn Rep (2007)" [K40] (PA) 24° 42.0′ N 119° 15.0′ E
(9(234)12 Tianjin)

94060 12Ed. 6/30/07 LAST NM 18/12 23/12
Add Dangerous wreck [K28] 23° 47.8′ N 119° 35.8′ E
(32/12 Tso-ying)

94060 12Ed. 6/30/07 LAST NM 23/12 31/12
Delete Purple composite-line circle centered 24° 50.6′ N 120° 50.6′ E
(58/12 Tso-ying)

94060 12Ed. 6/30/07 LAST NM 31/12 39/12
Delete Wreck 24° 50.2′ N 120° 30.1′ E

Add Wreck [K29] 24° 45.4′ N 120° 34.8′ E
(118/12 Tso-ying)

94060 12Ed. 6/30/07 LAST NM 39/12 43/12
Add Buoy ODAS [Q58] Y, spherical, Fl R 4s,
Fl Y 4s 23° 59.9′ N 120° 12.0′ E
(127/12 Tso-ying)

94060 12Ed. 6/30/07 LAST NM 43/12 49/12
Add Buoy ODAS [Q58] Or, conical, Fl R 4s
24° 45.6′ N 120° 50.6′ E
(146/12 Tso-ying)

94060 12Ed. 6/30/07 LAST NM 49/12 11/13
Add Dangerous wreck [K28] 24° 48.7′ N 118° 57.2′ E
(5(561)13 Taunton)

94060 12Ed. 6/30/07 LAST NM 11/13 30/13
Add Wreck [K29] 23° 40.1′ N 119° 55.1′ E
(6/13 Tso-ying)

94060 12Ed. 6/30/07 LAST NM 30/13 33/13
Relocate Buoy from 23° 59.9′ N 120° 12.0′ E to
24° 01.2′ N 120° 14.0′ E
(See 43/12-94060)
(61/13 Tso-ying)

★**94061** 6Ed. 1/13/07 NEW EDITION 21/07
(NGA)

94061 6Ed. 1/13/07 LAST NM 21/07 14/08
Add Purple dashed line (fairway limit) between
24° 24′ 58″N 118° 17′ 07″E
24° 27′ 00″N 118° 16′ 46″E

Purple dashed line (fairway limit) between
24° 25′ 00″N 118° 17′ 23″E
24° 27′ 00″N 118° 17′ 02″E
(76/06 Tso-ying)

94061 6Ed. 1/13/07 LAST NM 14/08 40/08
Add Beacon BY, double cone topmark points
upward, Q 10m 4M 24° 24′ 35″N 118° 00′ 00″E

Buoy "M1" G, pillar, cone topmark, Fl G 4s
24° 24′ 21″N 117° 58′ 55″E

(Plan)
Delete Buoy "No 42" 24° 29′ 01.6″N 118° 03′ 35.6″E

Add Buoy "No 42" R, pillar, can topmark, QR 10s
24° 28′ 55.2″N 118° 03′ 30.0″E
Buoy "No 36" R, pillar, can topmark, Fl R 4s
24° 28′ 07.6″N 118° 03′ 06.5″E
(1(3)08 Tianjin; Cna CH 14295; BA LL)

94061 6Ed. 1/13/07 LAST NM 40/08 12/10
Substitute Depth 10 meters Wk [K26] for stranded wreck
and drying height 5.3 meters 24° 24′ 34″N 118° 05′ 45″E

(Plan)
Delete Stranded wreck and drying height 5.3 meters
24° 24′ 34.5″N 118° 05′ 49.0″E

Substitute Depth 10 meters Wk [K26] for depth 10 meters
24° 24′ 33.6″N 118° 05′ 45.4″E
(2(65)10 Tianjin)

94061 6Ed. 1/13/07 LAST NM 12/10 13/10
(Plan)
Add Legend "AIS" to buoy "No 15"
24° 22′ 09.5″N 118° 08′ 22.6″E
Legend "AIS" to buoy "No 601"
24° 26′ 14.5″N 118° 02′ 28.5″E
(2(74)10 Tianjin)

94061 6Ed. 1/13/07 LAST NM 13/10 38/10
Add Purple circle and legend "AIS" to buoy "No 1"
24° 13′ 45″N 118° 13′ 50″E
Purple circle and legend "AIS" to buoy "No 6"
24° 15′ 15″N 118° 10′ 53″E

(Plan)
Change Height of beacon to 4m 24° 26′ 37.0″N 118° 01′ 13.7″E
(4(163, 164)10 Tianjin)

94061 6Ed. 1/13/07 LAST NM 38/10 5/11
(Plan)
Add Light Fl 4s 7m 7M 24° 27′ 32.7″N 118° 03′ 39.1″E
(45(2004)10 Tianjin)

94061 6Ed. 1/13/07 LAST NM 5/11 34/11
Add Light Fl(3) 15s 83m 16M 24° 31′ 40.2″N 118° 11′ 21.2″E
(35(1581)10 Tianjin)

94061 6Ed. 1/13/07 LAST NM 34/11 13/12
Add Buoy, pillar, Fl R 4s 24° 25′ 06″N 118° 17′ 17″E
Buoy, pillar, Fl Y 4s 24° 25′ 03″N 118° 16′ 35″E
(17/12 Tso-ying)

94061 6Ed. 1/13/07 LAST NM 13/12 22/12
Add Buoy BRB, pillar, double ball topmark,
Fl(2) 5s [Q130.4] 24° 13′ 58″N 118° 06′ 10″E
(16(457)12 Tianjin)

94061 6Ed. 1/13/07 LAST NM 22/12 12/13
(Plan)
Add Buoy "JT11" G, pillar, cone topmark, Fl G 4s
24° 29′ 46.9″N 118° 15′ 14.7″E
Buoy "JT12" R, pillar, can topmark, Fl R 4s
24° 29′ 46.9″N 118° 15′ 01.5″E
Buoy "JT13" G, pillar, cone topmark, QG
24° 30′ 32.8″N 118° 14′ 36.4″E
Buoy "JT14" R, pillar, can topmark, QR
24° 30′ 28.4″N 118° 14′ 25.4″E
Buoy "JT16" R, pillar, can topmark, Fl(2) R 6s
24° 31′ 51.8″N 118° 12′ 05.8″E

Buoy "JT18" BY, pillar, double cone topmark
points upward, VQ [Q130.3]
24° 32′ 02.0″N 118° 11′ 33.6″E
(15(445)07 Tianjin)

94061 6Ed. 1/13/07 LAST NM 12/13 13/13
Add Buoy "14-1" R, pillar, can topmark, Fl(3) R 10s
24° 20′ 56″N 118° 09′ 12″E
(28(868)07 Tianjin)

★**94063** 5Ed. 3/11/06 NEW EDITION 21/06
(NGA)

94063 5Ed. 3/11/06 LAST NM 21/06 21/07
Add "FISHING PROHIBITED" area [N21]
bound by purple composite-line circle,
radius 0.5 mile, centered 24° 36′ 44″N 120° 42′ 00″E

Buoy Y, spherical, Fl R 4s, Ra ref
24° 05′ 19″N 120° 19′ 29″E
(55, 105/06 Tso-ying)

94063 5Ed. 3/11/06 LAST NM 21/07 14/08
Delete Purple composite-line arc of a circle between
24° 36′ 22″N 120° 41′ 34″E
24° 36′ 22″N 120° 42′ 27″E
(See 21/07-94063)

Add Purple composite-line lesser arc of a circle
(fishing prohibited limit) [N21], radius 0.5
mile, centered 24° 37′ 54″N 120° 42′ 12″E
arc between 24° 38′ 00″N 120° 41′ 39″E
24° 37′ 23″N 120° 42′ 08″E

Purple composite line (fishing prohibited limit)
[N21] joining 24° 37′ 23″N 120° 42′ 08″E
24° 37′ 03″N 120° 43′ 36″E
24° 37′ 33″N 120° 44′ 12″E
24° 38′ 00″N 120° 43′ 51″E

Legend "FISHING PROHIBITED"
24° 37′ 30″N 120° 43′ 00″E

Purple composite-line arc of a circle (fishing
prohibited limit) [N21], radius 0.5 mile,
centered 24° 35′ 46″N 120° 41′ 08″E
arc joining 24° 35′ 18″N 120° 41′ 21″E
24° 35′ 36″N 120° 40′ 39″E
24° 36′ 12″N 120° 40′ 55″E

(continued on next page)

94063 (Continued) 14/08

Purple composite-line lesser arc of a circle (fishing prohibited limit) [N21], radius 0.5 mile, centered 24° 36′ 08″N 120° 42′ 02″E
arc between 24° 36′ 22″N 120° 42′ 27″E
24° 35′ 36″N 120° 42′ 12″E

Purple composite line (fishing prohibited limit) [N21] between 24° 36′ 22″N 120° 41′ 34″E
24° 36′ 12″N 120° 40′ 55″E

Purple composite line (fishing prohibited limit) [N21] between 24° 35′ 36″N 120° 42′ 12″E
24° 35′ 18″N 120° 41′ 21″E

Purple composite-line arc of a circle (fishing prohibited limit) [N21], radius 0.5 mile, centered 24° 34′ 30″N 120° 40′ 30″E
arc joining 24° 35′ 00″N 120° 40′ 30″E
24° 34′ 33″N 120° 41′ 03″E
24° 34′ 00″N 120° 40′ 30″E

Purple composite line (fishing prohibited limit) [N21] joining 24° 35′ 00″N 120° 40′ 30″E
24° 35′ 00″N 120° 39′ 39″E
24° 33′ 18″N 120° 38′ 22″E

Purple composite-line arc of a circle (fishing prohibited limit) [N21], radius 0.5 mile, centered 24° 33′ 00″N 120° 39′ 00″E
arc joining 24° 33′ 18″N 120° 38′ 22″E
24° 32′ 36″N 120° 38′ 42″E
24° 32′ 42″N 120° 39′ 24″E

Purple composite line (fishing prohibited limit) [N21] joining 24° 32′ 42″N 120° 39′ 24″E
24° 34′ 00″N 120° 40′ 18″E
24° 34′ 00″N 120° 40′ 30″E

Legend "FISHING PROHIBITED" 24° 34′ 00″N 120° 39′ 30″E

Fishing prohibited area [N21] bound by purple composite-line circle, radius 0.8 mile, centered 24° 29′ 14″N 120° 38′ 10″E

Fishing prohibited area [N21] bound by purple composite-line circle, radius 0.5 mile, centered 24° 27′ 05″N 120° 37′ 04″E

Purple composite-line arc of a circle (fishing prohibited limit) [N21], radius 0.5 mile, centered 24° 28′ 12″N 120° 36′ 12″E
arc joining 24° 28′ 24″N 120° 35′ 42″E
24° 27′ 44″N 120° 35′ 55″E
24° 27′ 54″N 120° 36′ 40″E

Purple composite line (fishing prohibited limit) [N21] between 24° 27′ 54″N 120° 36′ 40″E
24° 28′ 30″N 120° 37′ 06″E

Purple composite-line arc of a circle (fishing prohibited limit) [N21], radius 0.5 mile, centered 24° 28′ 48″N 120° 36′ 36″E
arc joining 24° 28′ 30″N 120° 37′ 06″E
24° 29′ 09″N 120° 36′ 53″E
24° 29′ 00″N 120° 36′ 06″E

Purple composite line (fishing prohibited limit) [N21] between 24° 29′ 00″N 120° 36′ 06″E
24° 28′ 24″N 120° 35′ 42″E

Legend "FISHING PROHIBITED" 24° 28′ 27″N 120° 36′ 24″E

Purple composite-line arc of a circle (fishing prohibited limit) [N21], radius 0.5 mile, centered 24° 00′ 30″N 120° 12′ 57″E
arc joining 24° 00′ 46″N 120° 12′ 30″E
24° 00′ 57″N 120° 13′ 12″E
24° 00′ 17″N 120° 13′ 24″E

Purple composite line (fishing prohibited limit) [N21] between 24° 00′ 17″N 120° 13′ 24″E
23° 59′ 43″N 120° 13′ 05″E

Purple composite-line arc of a circle (fishing prohibited limit) [N21], radius 0.5 mile, centered 24° 00′ 00″N 120° 12′ 36″E
arc joining 23° 59′ 43″N 120° 13′ 05″E
23° 59′ 33″N 120° 17′ 21″E
24° 00′ 15″N 120° 12′ 09″E

Purple composite line (fishing prohibited limit) [N21] between 24° 00′ 15″N 120° 12′ 09″E
24° 00′ 46″N 120° 12′ 30″E

Legend "FISHING PROHIBITED" 24° 00′ 16″N 120° 12′ 48″E

(13/04, 71/07 Tso-ying)

94063 5Ed. 3/11/06 LAST NM 14/08 31/08

Add Dangerous wreck 24° 14′ 24″N 120° 28′ 24″E

(21/08 Tso-ying)

94063 5Ed. 3/11/06 LAST NM 31/08 36/08

Change Light to Fl G 4s 22m 18M Racon 24° 18′ 03″N 120° 29′ 00″E

(Plan)

Change Light to Fl G 4s 22m 18M Racon 24° 17′ 59.0″N 120° 29′ 11.2″E

Characteristic of light to Fl G 24° 17′ 28.5″N 120° 30′ 39.0″E
Characteristic of light to Fl G 24° 17′ 30.0″N 120° 30′ 45.5″E
Characteristic of light to Fl G 24° 17′ 18.0″N 120° 30′ 50.2″E
Height of light to 8m 24° 17′ 12.0″N 120° 31′ 04.0″E

(88/08 Tso-ying)

94063 5Ed. 3/11/06 LAST NM 36/08 28/09

Add Anchoring prohibited area [N20] bound by shore and purple composite line joining
24° 26′ 15″N 120° 37′ 12″E
24° 27′ 21″N 120° 35′ 18″E
24° 26′ 54″N 120° 35′ 06″E
24° 25′ 45″N 120° 36′ 51″E

(109/07 Tso-ying)

94063 5Ed. 3/11/06 LAST NM 28/09 6/10

Delete Purple dashed line between 24° 17′ 59″N 120° 29′ 11″E
24° 17′ 55″N 120° 29′ 21″E

Light 24° 18′ 03″N 120° 29′ 00″E
Platforms (2) in vicinity 24° 19′ 03″N 120° 31′ 12″E
Buoy 24° 19′ 54″N 120° 31′ 18″E

Change Characteristic of Racon to (F) 24° 17′ 24″N 120° 30′ 03″E
Light to FY 13m 11M 24° 17′ 41″N 120° 29′ 55″E
Height of light to 13m 24° 18′ 45″N 120° 31′ 12″E

Add Double solid line with land tint (breakwater extension) [F4.1] between 24° 17′ 59″N 120° 29′ 11″E
24° 17′ 52″N 120° 29′ 27″E

Light Fl G 4s 22m 18M Racon (M) 24° 17′ 59″N 120° 29′ 11″E

(Plan)

Delete Pilot station symbol 24° 17′ 14.0″N 120° 29′ 35.0″E

Purple dashed line between 24° 17′ 59.7″N 120° 29′ 11.0″E
24° 17′ 54.9″N 120° 29′ 21.5″E

Light 24° 17′ 40.8″N 120° 29′ 54.9″E

Change Characteristic of Racon to (M) 24° 17′ 59.0″N 120° 29′ 11.2″E
Characteristic of Racon to (F) 24° 17′ 25.3″N 120° 30′ 00.3″E

Add Pilot station symbol [T1.1] 24° 17′ 27.8″N 120° 29′ 22.2″E

Land tint to area (breakwater extension) [F4.1] bound by existing breaker and solid line joining
24° 17′ 52.7″N 120° 29′ 27.8″E
24° 17′ 59.7″N 120° 29′ 11.0″E
24° 17′ 59.0″N 120° 29′ 10.8″E
24° 17′ 51.9″N 120° 29′ 27.2″E

Land tint to area (dolphin) [F20] bound by existing breaker and solid line joining
24° 17′ 48.8″N 120° 30′ 09.5″E
24° 17′ 49.2″N 120° 30′ 10.9″E
24° 17′ 48.1″N 120° 30′ 11.5″E
24° 17′ 47.7″N 120° 30′ 10.2″E

Light Fl(2) 5s (exting) 24° 17′ 48.7″N 120° 30′ 10.0″E

(continued on next page)

94063 (Continued) 6/10
Range light, front FY 13m 11M
24° 17′ 41.5″N 120° 29′ 54.4″E
Range light, rear FY 39m 11M
24° 17′ 48.4″N 120° 30′ 10.4″E

Range line extending in 245° direction from above rear light
dashed for 500 meters, thence
solid for 2,500 meters

Legend "Lights in line 065°" along above range line 24° 17′ 18.5″N 120° 29′ 00.5″E

Chartlet A, depicting changes in hydrography, topography and aids to navigation from Subsection I-2 24° 13′ 30.0″N 120° 29′ 30.0″E
Chartlet B, depicting changes in hydrography, topography and aids to navigation from Subsection I-2 24° 14′ 45.0″N 120° 30′ 15.0″E
Chartlet C, depicting changes in hydrography, topography and aids to navigation from Subsection I-2 24° 16′ 00.0″N 120° 31′ 00.0″E
Chartlet D, depicting changes in hydrography, topography and aids to navigation from Subsection I-2 24° 17′ 24.0″N 120° 31′ 30.0″E
(29, 56, 203/09 Tso-ying; 4(477)10 Taunton; Twn CH 357)

94063 5Ed. 3/11/06 LAST NM 6/10 10/10
(Plan)
Add Depth 13.3 meters 24° 17′ 17.4″N 120° 29′ 31.8″E
(Twn CH 357)

94063 5Ed. 3/11/06 LAST NM 10/10 22/11
(Plan)
Add Buoy "No 1" G, spar, Fl(2) G 4s
24° 15′ 56.9″N 120° 31′ 23.6″E
Buoy "No 3" G, spar, Fl(3) G 6s
24° 15′ 49.9″N 120° 31′ 20.6″E
(See 6/10-94063)
(18/11 Tso-ying)

94063 5Ed. 3/11/06 LAST NM 22/11 26/11
(Plan)
Delete Beacon "No 15" 24° 14′ 00.2″N 120° 29′ 17.9″E
Beacon "No 15A" 24° 13′ 50.6″N 120° 29′ 13.5″E
(See 6/10-94063)
(126/10 Tso-ying)

94063 5Ed. 3/11/06 LAST NM 26/11 50/11
Delete Dangerous wreck 24° 14′ 24″N 120° 28′ 24″E
(175/11 Tso-ying)

94063 5Ed. 3/11/06 LAST NM 50/11 5/12
Add Submarine pipeline [L40.1] with legend "Gas (see Note)" joining 24° 17′ 33″N 120° 30′ 43″E
24° 19′ 52″N 120° 27′ 29″E
24° 22′ 31″N 120° 27′ 04″E
24° 26′ 38″N 120° 30′ 25″E
24° 28′ 36″N 120° 33′ 18″E
24° 29′ 40″N 120° 36′ 24″E
24° 29′ 35″N 120° 38′ 13″E
24° 28′ 56″N 120° 40′ 00″E

Submarine pipeline [L40.1] with legend "Gas (see Note)" joining 24° 28′ 58″N 120° 40′ 03″E
24° 30′ 50″N 120° 37′ 39″E
24° 33′ 23″N 120° 36′ 42″E
24° 38′ 00″N 120° 37′ 40″E

Note from Subsection I-2 24° 09′ 00″N 120° 33′ 30″E

(Plan)
Add Submarine pipeline [L40.1] with legend "Gas (see Note)" joining 24° 17′ 00.9″N 120° 30′ 30.5″E
24° 17′ 18.1″N 120° 30′ 38.4″E
24° 17′ 29.9″N 120° 30′ 42.3″E

Submarine pipeline [L40.1] with legend "Gas (see Note)" between 24° 17′ 41.5″N 120° 30′ 39.2″E
24° 18′ 18.0″N 120° 29′ 45.0″E
(See 6/10-94063)
(155/10 Tso-ying; UKHO ARCS 2618-1, 3231-0)

94063 5Ed. 3/11/06 LAST NM 5/12 43/12
Add Buoy ODAS [Q58] Y, spherical, Fl R 4s, Fl Y 4s 23° 59′ 54″N 120° 12′ 00″E
(127/12 Tso-ying)

94063 5Ed. 3/11/06 LAST NM 43/12 33/13
Relocate Buoy from 23° 59′ 54″N 120° 12′ 00″E to
24° 01′ 13″N 120° 14′ 00″E
(See 43/12-94063)
(61/13 Tso-ying)

★94067 11Ed. 3/4/06 NEW EDITION 21/06
(NGA)

94067 11Ed. 3/4/06 LAST NM 21/06 15/08
Delete Purple composite-line arc of a circle between
23° 10′ 24″N 119° 25′ 54″E
23° 11′ 10″N 119° 26′ 15″E

Add Purple composite-line lesser arc of a circle (fishing prohibited limit), radius 0.5 mile, centered 23° 10′ 54″N 119° 25′ 48″E
arc between 23° 10′ 24″N 119° 25′ 54″E
23° 11′ 22″N 119° 25′ 40″E

Purple composite-line lesser arc of a circle (fishing prohibited limit), radius 0.5 mile, centered 23° 10′ 54″N 119° 25′ 48″E
arc between 23° 11′ 22″N 119° 25′ 56″E
23° 11′ 10″N 119° 26′ 15″E

Fishing prohibited area [N21] bound by purple composite-line circle, radius 0.5 mile, centered
23° 38′ 42″N 119° 28′ 36″E

Fishing prohibited area [N21] bound by purple composite-line greater arc of a circle, radius 0.5 mile, centered 23° 31′ 42″N 119° 37′ 06″E
arc between 23° 31′ 45″N 119° 36′ 33″E
23° 32′ 06″N 119° 36′ 48″E

Fishing prohibited area [N21] bound by purple composite-line circle, radius 0.5 mile, centered
23° 41′ 00″N 119° 32′ 18″E

Fishing prohibited area [N21] bound by purple composite line joining 23° 20′ 24″N 119° 31′ 42″E
23° 19′ 54″N 119° 31′ 42″E
23° 19′ 54″N 119° 31′ 12″E
23° 20′ 24″N 119° 31′ 12″E

Fishing prohibited area [N21] bound by purple composite line joining 23° 36′ 32″N 119° 41′ 40″E
23° 36′ 11″N 119° 41′ 40″E
23° 36′ 11″N 119° 42′ 03″E
23° 36′ 32″N 119° 42′ 03″E

Purple composite-line lesser arc of a circle (fishing prohibited limit) [N21], radius 0.5 mile, centered 23° 34′ 39″N 119° 29′ 11″E
arc between 23° 34′ 11″N 119° 29′ 18″E
23° 35′ 09″N 119° 29′ 10″E

Purple composite-line lesser arc of a circle (fishing prohibited limit) [N21], radius 0.5 mile, centered 23° 34′ 39″N 119° 28′ 48″E
arc between 23° 34′ 06″N 119° 28′ 44″E
23° 35′ 06″N 119° 28′ 45″E

Purple composite line (fishing prohibited limit) [N21] between 23° 35′ 09″N 119° 29′ 10″E
23° 35′ 06″N 119° 28′ 45″E

Legend "FISHING PROHIBITED"
23° 34′ 39″N 119° 29′ 00″E

"FISHING PROHIBITED" area [N21] bound by shore and purple composite line joining
23° 33′ 42″N 119° 29′ 16″E
23° 32′ 30″N 119° 31′ 06″E
23° 34′ 27″N 119° 33′ 00″E
23° 36′ 18″N 119° 34′ 06″E
23° 36′ 44″N 119° 33′ 14″E
23° 37′ 56″N 119° 33′ 54″E
23° 38′ 24″N 119° 33′ 09″E
23° 37′ 30″N 119° 31′ 54″E
23° 36′ 45″N 119° 31′ 18″E

Fishing prohibited area [N21] bound by shore and purple composite line between
23° 34′ 08″N 119° 29′ 30″E
23° 35′ 12″N 119° 30′ 15″E
(13/04 Tso-ying)

94067 11Ed. 3/4/06 LAST NM 15/08 51/08
Add Purple dashed line (outside limit of traffic lane)
[M15] joining 23° 38′ 07″N 119° 15′ 00″E
23° 33′ 07″N 119° 27′ 29″E
23° 33′ 04″N 119° 30′ 00″E
23° 34′ 20″N 119° 32′ 18″E
23° 33′ 44″N 119° 33′ 18″E

Purple dashed line (outside limit of traffic lane)
[M15] joining 23° 33′ 19″N 119° 32′ 58″E
23° 33′ 44″N 119° 32′ 20″E
23° 32′ 30″N 119° 30′ 00″E
23° 30′ 37″N 119° 32′ 40″E
23° 28′ 49″N 119° 37′ 59″E
23° 21′ 28″N 119° 40′ 16″E
23° 33′ 25″N 119° 40′ 10″E

Purple dashed line (outside limit of traffic lane)
[M15] joining 23° 33′ 16″N 119° 40′ 22″E
23° 31′ 22″N 119° 40′ 51″E
23° 28′ 14″N 119° 38′ 09″E
23° 30′ 08″N 119° 32′ 27″E
23° 31′ 08″N 119° 30′ 59″E
23° 31′ 15″N 119° 23′ 59″E
23° 34′ 51″N 119° 15′ 00″E

Note from Subsection I-2 in right upper margin of chart
(141/08 Tso-ying)

94067 11Ed. 3/4/06 LAST NM 51/08 6/09
Delete Purple dashed line joining 23° 28′ 49″N 119° 37′ 59″E
23° 21′ 28″N 119° 40′ 16″E
23° 33′ 25″N 119° 40′ 10″E
(See 51/08-94067)

Add Purple dashed line (outside limit of traffic lane)
[M15] joining 23° 28′ 49″N 119° 37′ 59″E
23° 31′ 28″N 119° 40′ 16″E
23° 33′ 25″N 119° 40′ 10″E
(141/08 Tso-ying)

94067 11Ed. 3/4/06 LAST NM 6/09 15/09
Add Wreck [K29] 23° 31′ 50″N 119° 30′ 52″E
(157/08 Tso-ying)

94067 11Ed. 3/4/06 LAST NM 15/09 27/09
Add Light Fl R 4s 4m 2M 23° 33′ 30″N 119° 33′ 45″E
(48, 54/06 Tso-ying)

94067 11Ed. 3/4/06 LAST NM 27/09 28/09
Add Anchoring prohibited area [N20] bound by shore and purple composite line joining
23° 33′ 12″N 119° 41′ 12″E
23° 33′ 12″N 119° 40′ 36″E
23° 31′ 36″N 119° 40′ 36″E
23° 31′ 36″N 119° 41′ 12″E
(109/07 Tso-ying)

94067 11Ed. 3/4/06 LAST NM 28/09 33/10
Delete Light and sector limits 23° 11′ 19″N 119° 25′ 51″E

Relocate Light from 23° 24′ 05″N 119° 19′ 03″E to
23° 24′ 10″N 119° 18′ 59″E

Add Stranded wreck [K24] 23° 42′ 46″N 119° 35′ 57″E

Light Fl(2) 10s 41m 11M with obscured sector 158° -228° 23° 11′ 24″N 119° 25′ 41″E
(68, 104/10 Tso-ying)

94067 11Ed. 3/4/06 LAST NM 33/10 23/12
Add Dangerous wreck [K28] 23° 47′ 48″N 119° 35′ 48″E
(32/12 Tso-ying)

94067 11Ed. 3/4/06 LAST NM 23/12 31/12
Add Superbuoy ODAS [Q58] Y, Fl R 4s
23° 43′ 36″N 119° 33′ 07″E
(87/12 Tso-ying)

94067 11Ed. 3/4/06 LAST NM 31/12 30/13
Add Stranded wreck [K24] 23° 45′ 18″N 119° 37′ 04″E
(9/13 Tso-ying)

94067 11Ed. 3/4/06 LAST NM 30/13 46/13
Delete "FISHING PROHIBITED" area in vicinity
23° 35′ 24″N 119° 32′ 00″E

Add Purple composite line (fishing prohibited area limit) [N21.1] between 23° 38′ 19″N 119° 32′ 01″E
23° 39′ 46″N 119° 33′ 03″E

Purple composite line (fishing prohibited area limit) [N21.1] between 23° 33′ 52″N 119° 31′ 01″E
23° 33′ 14″N 119° 32′ 52″E

Legend "FISHING PROHIBITED AREA"
23° 36′ 00″N 119° 32′ 39″E

"Anchoring Prohibited" area [N20] bound by shore and purple composite line joining
23° 36′ 57″N 119° 30′ 09″E
23° 36′ 21″N 119° 30′ 03″E
23° 36′ 39″N 119° 28′ 36″E
23° 37′ 28″N 119° 28′ 48″E
23° 37′ 08″N 119° 30′ 01″E
(109/2007, 156/2012 Tso-ying; UKHO ARCS 2409-0)

★94080 8Ed. 9/26/09 NEW EDITION 12/10
(NGA)

94080 8Ed. 9/26/09 LAST NM 12/10 31/10
Add Wreck [K29] 22° 26.6′ N 119° 39.0′ E
Wreck [K29] 22° 21.5′ N 121° 18.9′ E
(80, 82/10 Tso-ying)

94080 8Ed. 9/26/09 LAST NM 31/10 46/10
Add Wreck [K29] 22° 46.5′ N 119° 34.9′ E
(189/10 Tso-ying)

94080 8Ed. 9/26/09 LAST NM 46/10 51/10
Add Wreck [K29] 22° 06.2′ N 120° 57.4′ E
(198/10 Tso-ying)

94080 8Ed. 9/26/09 LAST NM 51/10 1/11
Add Wreck [K29] 22° 47.3′ N 120° 07.4′ E
(185/10 Tso-ying)

94080 8Ed. 9/26/09 LAST NM 1/11 3/11
Add Wreck [K29] 22° 56.1′ N 121° 34.1′ E
(121/10 Tso-ying)

94080 8Ed. 9/26/09 LAST NM 3/11 31/11
Add Wreck [K29] 21° 52.0′ N 120° 33.0′ E
Danger circle "Obstn" [K40] 22° 37.5′ N 120° 05.2′ E
(38/10, 63/11 Tso-ying)

94080 8Ed. 9/26/09 LAST NM 31/11 36/11
Add Wreck [K29] 22° 11.4′ N 120° 58.1′ E
Wreck [K29] 22° 25.7′ N 121° 39.8′ E
(95, 98/11 Tso-ying)

94080 8Ed. 9/26/09 LAST NM 36/11 45/11
Add Wreck [K29] 22° 54.9′ N 119° 35.7′ E
(142/11 Tso-ying)

94080 8Ed. 9/26/09 LAST NM 45/11 50/11
Add Buoy Y, conical, Fl R 4s 22° 43.3′ N 121° 08.4′ E
(191/10 Tso-ying)

94080 8Ed. 9/26/09 LAST NM 50/11 9/12
Add Wreck [K29] 22° 38.0′ N 121° 48.0′ E
(201/11 Tso-ying)

94080 8Ed. 9/26/09 LAST NM 9/12 22/12
Delete Light and Racon 23° 27.1′ N 120° 01.9′ E

Add Light Fl 4s 14m 11M 23° 27.2′ N 120° 02.6′ E

Depth 3.5 meters, blue tint and enclosing depth contour (20-meter) centered 23° 13.6′ N 119° 14.3′ E
(8, 12/12 Tso-ying)

94080 8Ed. 9/26/09 LAST NM 22/12 26/12
Add Wreck [K29] 22° 42.0′ N 119° 53.0′ E
(53/12 Tso-ying)

94080 8Ed. 9/26/09 LAST NM 26/12 37/12
Add Wreck [K29] 22° 24.3′ N 121° 15.4′ E
(107/12 Tso-ying)

94080 8Ed. 9/26/09 LAST NM 37/12 49/12
Add Wreck [K29] 21° 38.1′ N 120° 55.2′ E

Buoy ODAS [Q58] Y, conical, Al RY 7s
22° 45.8′ N 120° 09.8′ E
(142, 149/12 Tso-ying)

94080 8Ed. 9/26/09 LAST NM 49/12 30/13
Add Foul ground symbol [K31] 22° 30.5′ N 120° 14.9′ E
(193/12 Tso-ying)

94080 8Ed. 9/26/09 LAST NM 30/13 52/13
Add Wreck [K29] 22° 07.6′ N 120° 10.5′ E
Wreck [K29] 22° 23.1′ N 121° 20.0′ E
(144, 150/13 Tso-ying)

★94082 9Ed. 5/27/06 NEW EDITION 32/06
Delete Fish haven area in vicinity 22° 56′ 09″N 120° 08′ 12″E

Substitute Fishing prohibited area [N21] bound by purple composite-line circle, radius 900 meters for fish haven area 22° 51′ 30″N 120° 09′ 31″E
Fishing prohibited area [N21] bound by purple composite-line circle, radius 900 meters for fish haven area 22° 50′ 30″N 120° 09′ 01″E

Change Light to Fl R 4s 28m 9M 22° 49′ 06″N 120° 11′ 27″E

Add Wreck [K29] 22° 54′ 00″N 120° 05′ 00″E
Light Fl G 4s 27m 9M 22° 49′ 08″N 120° 11′ 50″E

Fish haven area with blue tint [K46] bound by dotted-line circle, radius 900 meters, centered
22° 19′ 59″N 120° 14′ 59″E
Fishing prohibited area [N21] bound by purple composite-line circle, radius 900 meters, centered 22° 51′ 30″N 120° 08′ 30″E

"FISHING PROHIBITED" area [N21] bound by purple composite line joining
23° 00′ 45″N 120° 01′ 06″E
23° 01′ 27″N 120° 01′ 45″E
22° 59′ 54″N 120° 03′ 45″E
23° 01′ 12″N 120° 06′ 21″E
23° 00′ 27″N 120° 07′ 00″E
22° 59′ 12″N 120° 04′ 36″E
22° 58′ 51″N 120° 05′ 00″E
23° 00′ 06″N 120° 07′ 15″E
22° 59′ 39″N 120° 07′ 30″E
22° 58′ 33″N 120° 05′ 27″E
22° 57′ 39″N 120° 06′ 30″E
22° 56′ 54″N 120° 05′ 48″E

"FISHING PROHIBITED" area [N21] bound by purple composite-line circle, radius 1000 meters, centered 22° 55′ 00″N 120° 07′ 24″E
arc between 22° 55′ 27″N 120° 07′ 24″E
22° 54′ 27″N 120° 07′ 24″E

"FISHING PROHIBITED" area [N21] bound by purple composite-line circle, radius 1000 meters, centered 22° 55′ 00″N 120° 09′ 24″E
arc between 22° 55′ 27″N 120° 09′ 24″E
22° 54′ 27″N 120° 09′ 24″E

Purple composite line (fishing prohibited limit) [N21] between 22° 55′ 27″N 120° 07′ 24″E
22° 55′ 27″N 120° 09′ 24″E

Purple composite line (fishing prohibited limit) [N21] between 22° 54′ 27″N 120° 07′ 24″E
22° 54′ 27″N 120° 09′ 24″E

"FISHING PROHIBITED" area [N21] bound by purple composite-line circle, radius 500 meters, centered 22° 56′ 00″N 120° 07′ 00″E
arc between 22° 56′ 12″N 120° 06′ 54″E
22° 55′ 44″N 120° 07′ 00″E

"FISHING PROHIBITED" area [N21] bound by purple composite-line circle, radius 500 meters, centered 22° 56′ 24″N 120° 09′ 24″E
arc between 22° 56′ 39″N 120° 09′ 18″E
22° 56′ 09″N 120° 09′ 24″E

Purple composite line (fishing prohibited limit) [N21] between 22° 56′ 12″N 120° 06′ 54″E
22° 56′ 39″N 120° 09′ 18″E

Purple composite line (fishing prohibited limit) [N21] between 22° 55′ 44″N 120° 07′ 00″E
22° 56′ 09″N 120° 09′ 24″E
(NGA; 13/04, 68/05, 27, 63/06 Tso-ying)

94082 9Ed. 5/27/06 LAST NM 32/06 42/06
Add Foul ground symbol [K31] (PA)
22° 33′ 36″N 120° 16′ 39″E
Dangerous wreck [K28] 22° 36′ 14″N 120° 15′ 50″E
(84, 94/06 Tso-ying)

94082 9Ed. 5/27/06 LAST NM 42/06 10/07
Delete RC at light 22° 36′ 54″N 120° 15′ 54″E
(147/06 Tso-ying)

94082 9Ed. 5/27/06 LAST NM 10/07 36/08
Change Characteristic of light to Iso G 22° 57′ 42″N 120° 08′ 50″E

(Plan)
Change Characteristic of light to Iso G
22° 57′ 45.5″N 120° 08′ 51.0″E
(71/08 Tso-ying)

94082 9Ed. 5/27/06 LAST NM 36/08 38/08
Delete Submarine cable joining 22° 33′ 54″N 120° 10′ 24″E
22° 40′ 00″N 120° 07′ 48″E
22° 48′ 18″N 119° 56′ 00″E

Add Chartlet, depicting changes in hydrography and aids to navigation, from Subsection I-2
22° 36′ 00″N 120° 15′ 00″E

Depth 7 meters Wks [K26] 22° 52′ 54″N 120° 08′ 23″E

Purple dashed line (harbor limit) joining
22° 29′ 09″N 120° 15′ 45″E
22° 27′ 31″N 120° 17′ 00″E
22° 29′ 09″N 120° 18′ 48″E
(36, 40, 41, 89, 117/07, 59/08 Tso-ying; Twn CH 341A, 341C)

94082 9Ed. 5/27/06 LAST NM 38/08 39/08
Change Characteristic of light to Iso G 22° 37′ 15″N 120° 15′ 25″E
(See 38/08-94082)
(59/08 Tso-ying)

94082 9Ed. 5/27/06 LAST NM 39/08 16/09
Change Light to Fl R 6s 15m 12M 22° 37′ 03″N 120° 15′ 23″E
(See 38/08-94082)
(174/08 Tso-ying)

94082 9Ed. 5/27/06 LAST NM 16/09 28/09
Add Anchoring prohibited area [N20] bound by shore and purple composite line joining
22° 59′ 43″N 120° 08′ 27″E
22° 59′ 21″N 120° 08′ 02″E
22° 59′ 20″N 120° 07′ 39″E
22° 58′ 49″N 120° 07′ 29″E
22° 58′ 51″N 120° 08′ 16″E
22° 59′ 21″N 120° 08′ 53″E

(Plan)
Add Anchoring prohibited area [N20] bound by chart border, shore and purple composite line joining 22° 59′ 30.0″N 120° 08′ 16.0″E
22° 59′ 21.0″N 120° 08′ 02.0″E
22° 59′ 20.0″N 120° 07′ 39.0″E
22° 58′ 49.0″N 120° 07′ 29.0″E
22° 58′ 51.0″N 120° 08′ 16.0″E
22° 59′ 19.0″N 120° 08′ 51.8″E
Note: Area extends beyond chart border
(109/07 Tso-ying)

94082 9Ed. 5/27/06 LAST NM 28/09 31/10
Add Danger circle [K1] "Explosives"
22° 40′ 12″N 120° 10′ 54″E
(See 38/08-94082)
(6/08 Tso-ying)

94082 9Ed. 5/27/06 LAST NM 31/10 1/11
Add Wreck [K29] 22° 47′ 16″N 120° 07′ 21″E
(185/10 Tso-ying)

94082 9Ed. 5/27/06 LAST NM 1/11 3/11
Add Depth 4.5 meters "Rep (2009)", blue tint and enclosing depth contour (5-meter) centered 23° 03′ 14″N 120° 01′ 00″E
(60/09 Tso-ying)

94082 9Ed. 5/27/06 LAST NM 3/11 31/11
Add Danger circle "Obstn" [K40] 22° 37′ 31″N 120° 05′ 10″E
(38/10 Tso-ying)

94082 9Ed. 5/27/06 LAST NM 31/11 37/11
Add Foul ground symbol [K31] 22° 35′ 39″N 120° 13′ 30″E
(See 38/08-94082)
(85/09 Tso-ying)

94082 9Ed. 5/27/06 LAST NM 37/11 49/12
Add Buoy ODAS [Q58] Y, conical, Al RY 7s 22° 45′ 50″N 120° 09′ 49″E
(149/12 Tso-ying)

94082 9Ed. 5/27/06 LAST NM 49/12 12/13
Substitute Danger circle "Obstn Rep (2006)" [K40] (PA) for foul ground symbol (PA) 22° 33′ 36″N 120° 16′ 39″E
(See 38/08-94082)
(15(446)07 Tianjin)

94082 9Ed. 5/27/06 LAST NM 12/13 30/13
Add Foul ground symbol [K31] 22° 30′ 30″N 120° 14′ 54″E
(See 38/08-94082)
(193/12 Tso-ying)

94082 9Ed. 5/27/06 LAST NM 30/13 32/13
Change Period of light to 5s 22° 43′ 29″N 120° 15′ 04″E
(60/13 Tso-ying)

94082 9Ed. 5/27/06 LAST NM 32/13 33/13
Change Light to Fl R 4s 18m 6M 22° 41′ 49″N 120° 15′ 05″E
(65/13 Tso-ying; UKHO LL)

94082 9Ed. 5/27/06 LAST NM 33/13 35/13
Change Characteristic of light to Fl R 4s 22° 43′ 27″N 120° 15′ 00″E

Add Buoy G, can, Fl G 4s 22° 51′ 08″N 120° 09′ 55″E
Buoy G, can, Fl G 4s 22° 51′ 00″N 120° 10′ 12″E
Buoy G, can, Fl G 4s 22° 50′ 52″N 120° 10′ 29″E
Buoy R, can, Fl R 4s 22° 50′ 25″N 120° 10′ 39″E
Buoy R, can, Fl R 4s 22° 50′ 17″N 120° 10′ 35″E
(108/2009, 75/2013 Tso-ying)

94082 9Ed. 5/27/06 LAST NM 35/13 43/13
Add Buoy Y, conical, Al RY 8s 23° 04′ 28″N 119° 57′ 42″E
(121/13 Tso-ying)

★94083 13Ed. 4/20/13 NEW EDITION N35/13
Add Foul ground symbol [K31] 22° 30′ 30.0″N 120° 14′ 54.0″E
(Previously published 30/13)
(NGA)

★94084 2Ed. 4/13/13 NEW EDITION N36/13
(NGA)

94084 2Ed. 4/13/13 LAST NM N36/13 N43/13
Add "Works in Progress (2012)" area [F32] bound by shore and dashed line joining
22° 33′ 03.3″N 120° 19′ 18.1″E
22° 33′ 04.7″N 120° 19′ 18.9″E
22° 33′ 04.5″N 120° 19′ 20.3″E
22° 32′ 49.5″N 120° 19′ 33.0″E
22° 32′ 48.7″N 120° 19′ 31.6″E
and delete existing dashed line within above area
(194/12 Tso-ying)

★94120 7Ed. 3/10/07 NEW EDITION 29/07
Add Wreck [K29] 24° 33.2′ N 121° 53.5′ E

Submarine pipeline [L40.1] joining 24° 00.4′ N 121° 38.8′ E
24° 00.3′ N 121° 39.6′ E
24° 00.5′ N 121° 40.6′ E
24° 00.2′ N 121° 41.3′ E
(Previously published 12/07)

Add Wreck [K29] 26° 02.8′ N 122° 26.5′ E
(Previously published 25/07)
(NGA)

94120 7Ed. 3/10/07 LAST NM 29/07 43/07
Add Wreck [K29] 24° 41.7′ N 121° 54.4′ E
(51/07 Tso-ying)

94120 7Ed. 3/10/07 LAST NM 43/07 9/08
Add Wreck [K29] 25° 17.3′ N 122° 21.6′ E
(137/07 Tso-ying)

94120 7Ed. 3/10/07 LAST NM 9/08 16/08
Add Foul ground symbol [K31] 25° 12.3′ N 121° 44.2′ E

Legend "Wks" enclosed by dotted-line circle with blue tint [K1] 24° 38.9′ N 121° 54.0′ E

Fishing prohibited area [N21] bound by purple composite-line circle, radius 0.5 mile, centered 23° 59.2′ N 121° 41.6′ E
Fishing prohibited area [N21] bound by purple composite-line circle, radius 0.5 mile, centered 24° 11.8′ N 121° 41.5′ E
(52, 131/07, 9/08 Tso-ying)

94120 7Ed. 3/10/07 LAST NM 16/08 26/08
Change Characteristic of light to Fl G 23° 58.4′ N 121° 37.6′ E
Light to Fl(2) G 5s 22m 11M 24° 35.9′ N 121° 52.3′ E
Characteristic of light to Fl G 24° 36.2′ N 121° 51.5′ E
(33, 40/08 Tso-ying)

★94120 7Ed. 3/10/07 LAST NM 26/08 29/08
Add Depth 108 meters "Rep (2007)" 25° 47.9′ N 122° 55.9′ E
Depth 539 meters "Rep (2007)" 25° 37.9′ N 123° 03.3′ E
Depth 309 meters "Rep (2007)" 25° 41.4′ N 123° 01.6′ E
Depth 442 meters "Rep (2007)" 25° 43.6′ N 122° 58.6′ E
Depth 148 meters "Rep (2007)" 25° 46.1′ N 122° 56.2′ E
Depth 121 meters "Rep (2007)" 25° 48.9′ N 122° 54.4′ E
Depth 117 meters "Rep (2007)" 25° 49.8′ N 122° 52.8′ E
Depth 119 meters "Rep (2007)" 25° 50.5′ N 122° 51.1′ E
Depth 113 meters "Rep (2007)" 25° 50.9′ N 122° 49.3′ E
Depth 111 meters "Rep (2007)" 25° 51.4′ N 122° 47.2′ E
Depth 111 meters "Rep (2007)" 25° 52.9′ N 122° 46.0′ E
Depth 110 meters "Rep (2007)" 25° 54.8′ N 122° 44.8′ E
Depth 137 meters "Rep (2007)" 25° 43.8′ N 122° 39.3′ E
Depth 152 meters "Rep (2007)" 25° 41.5′ N 122° 42.6′ E
Depth 194 meters "Rep (2007)" 25° 42.8′ N 122° 47.0′ E
Depth 272 meters "Rep (2007)" 25° 44.0′ N 122° 49.1′ E
Depth 204 meters "Rep (2007)" 25° 44.3′ N 122° 51.9′ E
(NTM0006/2008)

★94120 7Ed. 3/10/07 LAST NM 29/08 31/08
Delete Depth 104 meters Wk 26° 00.5′ N 122° 00.5′ E

Add Depth 96 meters Wk [K26] 26° 01.2′ N 122° 00.1′ E
Depth 67 meters Wk [K26] 25° 36.6′ N 121° 02.2′ E
(NTM0005/2008)

94120 7Ed. 3/10/07 LAST NM 31/08 33/08
Change Beacon to Fl(2)G 8s 23m 10M 24° 17.5′ N 121° 45.5′ E
(2/08 Tso-ying)

94120 7Ed. 3/10/07 LAST NM 33/08 38/08
Add Depth 22 meters "Rep (2008)" [I3.2] 25° 26.4′ N 123° 13.8′ E
(NTM0010/2008)

94120 7Ed. 3/10/07 LAST NM 38/08 48/08
Add Wreck [K29] 24° 34.2′ N 122° 24.6′ E
(118/08 Tso-ying)

94120 7Ed. 3/10/07 LAST NM 48/08 6/09
Change Visibility (range) of light to 16M 24° 18.8′ N 121° 45.2′ E
(126/08 Tso-ying)

★94120 7Ed. 3/10/07 LAST NM 6/09 8/09
Substitute Depth 107 meters for 124 meters 25° 49.3′ N 122° 19.3′ E
Depth 113 meters for 144 meters 25° 54.5′ N 122° 16.6′ E
(NTM0006/2009)

94120 7Ed. 3/10/07 LAST NM 8/09 15/09
Add Wreck [K29] 25° 12.2′ N 121° 52.6′ E
(178/08 Tso-ying)

94120 7Ed. 3/10/07 LAST NM 15/09 28/09
Delete Anchoring and fishing prohibited area in vicinity 24° 45.5′ N 122° 00.0′ E

Add Anchoring prohibited area [N20] bound by shore and purple composite line joining
24° 48.0′ N 121° 48.5′ E
24° 29.9′ N 122° 10.5′ E
24° 59.5′ N 122° 02.5′ E
24° 51.8′ N 121° 49.5′ E

Anchoring prohibited area [N20] bound by shore and purple composite line joining
25° 10.0′ N 121° 23.8′ E
25° 13.2′ N 121° 21.1′ E
25° 26.1′ N 121° 17.0′ E
25° 26.4′ N 121° 29.7′ E
25° 15.4′ N 121° 26.3′ E
(109/07 Tso-ying)

94120 7Ed. 3/10/07 LAST NM 28/09 34/09
Delete Depth 87 meters 25° 53.1′ N 121° 18.3′ E

Add Depth 63 meters 25° 32.0′ N 121° 15.0′ E
Depth 63 meters 25° 31.6′ N 121° 12.1′ E
Depth 73 meters 25° 53.2′ N 121° 17.7′ E
(NTM0006/2009)

94120 7Ed. 3/10/07 LAST NM 34/09 19/10
Substitute Depth 78 meters for 91 meters 25° 39.0′ N 121° 27.0′ E
(NTM0001/2010)

94120 7Ed. 3/10/07 LAST NM 19/10 29/10
Add Wreck [K29] 24° 51.0′ N 121° 53.0′ E
(41/09 Tso-ying)

94120 7Ed. 3/10/07 LAST NM 29/10 30/10
Add Wreck [K29] (PA) 25° 21.0′ N 121° 43.0′ E
(175/09 Tso-ying)

94120 7Ed. 3/10/07 LAST NM 30/10 21/11
Add Wreck [K29] 25° 29.0′ N 122° 05.0′ E
(30/11 Tso-ying)

94120 7Ed. 3/10/07 LAST NM 21/11 22/11
Change Characteristic of beacon to Dir WRG
24° 18.8′ N 121° 45.2′ E

Add Beacon G, QG 53m 17M 24° 19.2′ N 121° 45.9′ E
(138/09 Tso-ying; UKHO LL)

94120 7Ed. 3/10/07 LAST NM 22/11 50/11
Add Wreck [K29] 24° 06.3′ N 121° 38.9′ E
(169/11 Tso-ying)

94120 7Ed. 3/10/07 LAST NM 50/11 21/12
Add Dangerous wreck [K28] 24° 34.0′ N 121° 53.0′ E
Wreck [K29] 25° 10.2′ N 121° 49.9′ E
(44, 48/12 Tso-ying)

94120 7Ed. 3/10/07 LAST NM 21/12 4/13
Add Depth 80 meters Wk [K26] 25° 54.6′ N 121° 06.6′ E
(NTM0005/2012)

★**94120** 7Ed. 3/10/07 LAST NM 4/13 11/13
Add Depth 739 meters 24° 52.0′ N 122° 42.3′ E
(NTM0005/2012)

94120 7Ed. 3/10/07 LAST NM 11/13 31/13
Add Wreck [K29] 25° 05.1′ N 122° 44.6′ E
(50/13 Tso-ying)

94120 7Ed. 3/10/07 LAST NM 31/13 40/13
Add Submarine cable [L30.1] joining 24° 51.2′ N 121° 49.9′ E
24° 50.8′ N 121° 50.5′ E
24° 49.1′ N 121° 51.9′ E
24° 44.7′ N 121° 53.4′ E
24° 40.7′ N 121° 57.6′ E
24° 37.2′ N 122° 03.5′ E
24° 36.6′ N 122° 04.0′ E
(179/11 Tso-ying)

★**94122** 8Ed. 6/27/09 NEW EDITION N39/09
(Plan C)
Delete Purple composite line between 24° 48′ 20″N 122° 03′ 00″E
24° 51′ 20″N 122° 01′ 47″E

Purple composite line between 24° 48′ 50″N 121° 49′ 16″E
24° 36′ 43″N 122° 02′ 54″E

Add Purple composite line (anchoring prohibited limit) between 24° 47′ 35″N 121° 49′ 06″E
24° 36′ 06″N 122° 03′ 00″E

Legend "ANCHORING PROHIBITED"
24° 45′ 36″N 121° 58′ 30″E
(NGA; 109/07 Tso-ying)

94122 8Ed. 6/27/09 LAST NM N39/09 N29/10
(Plan C)
Add Wreck [K29] 24° 51′ 00″N 121° 53′ 00″E
(41/09 Tso-ying)

94122 8Ed. 6/27/09 LAST NM N29/10 N32/10
(Plan A)
Substitute Light FG 5m 7M for light star and legend "(exting)" 24° 35′ 05.6″N 121° 52′ 11.0″E

(Plan B)
Delete Anchorage area "A1" centered
23° 58′ 13.0″N 121° 37′ 15.5″E

Range light, front, range line and legend "Lights...023° 30′ " between
24° 00′ 01.9″N 121° 38′ 24.7″E
23° 58′ 17.3″N 121° 37′ 36.2″E

Change Designation of anchor berth "A2" to "A1"
23° 58′ 00.5″N 121° 37′ 15.5″E
Designation of anchor berth "A3" to "A2"
23° 57′ 49.0″N 121° 37′ 06.0″E
Designation of anchor berth "A4" to "A3"
23° 57′ 33.3″N 121° 36′ 59.0″E

Add Pilot station symbol [T1.1] 23° 57′ 41.0″N 121° 37′ 11.0″E

Range light, front FG 14m 7M
23° 59′ 43.7″N 121° 38′ 17.5″E

Range line extending in 202° 30′ direction from rear range light 24° 00′ 01.9″N 121° 38′ 24.7″E
dashed for 720 meters, thence solid for 2760 meters

Legend "Lights in line 022° 30′ " along above range line 23° 58′ 34.5″N 121° 37′ 45.5″E
(17, 76/09 Tso-ying; UKHO ARCS 2618-3)

94122 8Ed. 6/27/09 LAST NM N32/10 N14/11
(Plan C)
Add Stranded wreck [K24] 24° 50′ 06″N 121° 58′ 03″E
(32(1462)10 Tianjin)

94122 8Ed. 6/27/09 LAST NM N14/11 N50/11
(Plan D)
Add Wreck [K29] 24° 06′ 20″N 121° 38′ 55″E
(169/11 Tso-ying)

94122 8Ed. 6/27/09 LAST NM N50/11 N9/12
(Plan C)
Add Anchorage area [N12.1] bound by purple dashed line joining 24° 34′ 23″N 121° 53′ 20″E
24° 34′ 22″N 121° 53′ 37″E
24° 34′ 06″N 121° 53′ 37″E
24° 34′ 06″N 121° 53′ 21″E
(208/11 Tso-ying)

94122 8Ed. 6/27/09 LAST NM N9/12 N21/12
(Plan C)
Add Dangerous wreck [K28] 24° 34′ 00″N 121° 53′ 00″E
(48/12 Tso-ying)

94122 8Ed. 6/27/09 LAST NM N21/12 N33/13
(Plan D)
Add Pilot station symbol [T1.1] 23° 57′ 11″N 121° 37′ 41″E
(71/13 Tso-ying)

94122 8Ed. 6/27/09 LAST NM N33/13 N37/13
(Plan A)
Change Characteristic of buoy to Fl G 4s
24° 35′ 27.0″N 121° 52′ 14.3″E
(94/13 Tso-ying)

94122 8Ed. 6/27/09 LAST NM N37/13 N40/13
(Plan C)
Add Submarine cable [L30.1] joining
24° 51′ 12″N 121° 49′ 51″E
24° 50′ 48″N 121° 50′ 32″E
24° 49′ 09″N 121° 51′ 56″E
24° 44′ 41″N 121° 53′ 27″E
24° 40′ 44″N 121° 57′ 37″E
24° 37′ 28″N 122° 03′ 00″E
(179/11 Tso-ying)

★94123 10Ed. 4/30/11 NEW EDITION N6/12
(NGA)

94123 10Ed. 4/30/11 LAST NM N6/12 N21/12
Add Wreck [K29] 25° 10′ 12″N 121° 49′ 54″E
(44/12 Tso-ying)

94123 10Ed. 4/30/11 LAST NM N21/12 N28/13
Delete Light 25° 09′ 28″N 121° 23′ 12″E
Light 25° 08′ 47″N 121° 19′ 29″E

Change Characteristics of light to Q(2) G 4s
25° 09′ 24″N 121° 22′ 19″E

Add Light "LT 7" Q(2) 5s 18m 10M 25° 08′ 50″N 121° 19′ 47″E
(10/13 Tso-ying)

★94124 15Ed. 9/27/08 NEW EDITION N49/08
(Plan)
Change Characteristic of light to FG
25° 09′ 05.0″N 121° 45′ 45.4″E
(NGA; 28/08 Tso-ying)

94124 15Ed. 9/27/08 LAST NM N49/08 N6/09
(Plan)
Change Visibility (range) of light to 8M
25° 09′ 30.0″N 121° 45′ 09.2″E
(150/08 Tso-ying)

94124 15Ed. 9/27/08 LAST NM N6/09 N15/09
Add Wreck [K29] 25° 12′ 12″N 121° 52′ 37″E
(178/08 Tso-ying)

94124 15Ed. 9/27/08 LAST NM N15/09 N30/10
(Plan)
Delete Danger circle "Rep Obstn" 25° 08′ 35.4″N 121° 45′ 16.8″E
(86/09 Tso-ying)

94124 15Ed. 9/27/08 LAST NM N30/10 N8/11
Delete Light and Racon 25° 09′ 44″N 121° 45′ 17″E

Add Light Fl G 4s 22m 14M Racon (C)
25° 09′ 50″N 121° 45′ 15″E

(Plan)
Delete Light and Racon 25° 09′ 44.1″N 121° 45′ 16.5″E

Add Light Fl G 4s 22m 14M Racon (C)
25° 09′ 50.4″N 121° 45′ 14.5″E
(237/10 Tso-ying; UKHO LL)

94124 15Ed. 9/27/08 LAST NM N8/11 N22/11
Change Characteristic of beacon to Fl G 4s
25° 09′ 36″N 121° 44′ 08″E

(Plan)
Change Characteristic of beacon to Fl G 4s
25° 09′ 36.4″N 121° 44′ 08.4″E
(255/10 Tso-ying)

94124 15Ed. 9/27/08 LAST NM N22/11 N21/12
Add Wreck [K29] 25° 10′ 12″N 121° 49′ 54″E
(44/12 Tso-ying)

94124 15Ed. 9/27/08 LAST NM N21/12 N30/12
Add Buoy Y, conical, Fl R 4s 25° 09′ 20″N 121° 47′ 00″E

(Plan)
Add Buoy Y, conical, Fl R 4s 25° 09′ 19.8″N 121° 47′ 00.0″E
(82/12 Tso-ying)

★94127 3Ed. 8/20/11 NEW EDITION N53/11
(NGA)

94127 3Ed. 8/20/11 LAST NM N53/11 N28/13
(Panel B)
Delete Light 25° 09′ 28.2″N 121° 23′ 11.8″E
Light 25° 08′ 46.9″N 121° 19′ 28.7″E
Buoy "SB 4" 25° 09′ 02.3″N 121° 20′ 40.0″E

Relocate Buoy "SB 2" from
25° 09′ 01.7″N 121° 20′ 13.5″E to
25° 09′ 01.7″N 121° 20′ 04.6″E

Change Characteristics of light to Q(2) G 4s
25° 09′ 23.6″N 121° 22′ 18.5″E

Add Light "LT 7" Q(2) 5s 18m 10M
25° 08′ 49.5″N 121° 19′ 47.0″E
(10/13 Tso-ying)

★94160 9Ed. 8/4/07 NEW EDITION 41/07
Delete Purple outline of chart 94181 27° 49.2′ N 121° 18.5′ E
(Previously published 6/04)

Add Dangerous wreck [K28] (PA) 26° 08.2′ N 119° 50.9′ E
(Previously published 32/07)
(NGA)

94160 9Ed. 8/4/07 LAST NM 41/07 49/07
Delete Stranded wreck "Rep (2007)" 27° 30.4′ N 120° 41.9′ E
(38(1238)07 Tianjin)

94160 9Ed. 8/4/07 LAST NM 49/07 51/07
Substitute Swept depth 19 meters Wk [K27] (PA) for
dangerous wreck (PA) 26° 08.2′ N 119° 50.9′ E
(See 41/07-94160)
(33(1030)07 Tianjin)

94160 9Ed. 8/4/07 LAST NM 51/07 24/08
Add Dangerous wreck [K28] 27° 25.6′ N 120° 43.6′ E
(13(434)08 Tianjin)

★94160 9Ed. 8/4/07 LAST NM 24/08 31/08
Add Depth 67 meters Wk [K26] 25° 36.6′ N 121° 02.2′ E
Depth 76 meters Wk [K26] 26° 39.5′ N 121° 44.8′ E
Depth 65 meters Wk [K26] 26° 54.2′ N 121° 36.4′ E
Depth 89 meters Wk [K26] 26° 29.6′ N 121° 44.9′ E

Anchorage symbol (large vessels) [N10]
25° 09.8′ N 121° 20.9′ E
(NTM0005/2008; 42/06 Tso-ying)

94160 9Ed. 8/4/07 LAST NM 31/08 33/08
Delete HORN from light 26° 22.7′ N 120° 30.4′ E
(61/08 Tso-ying)

★94160 9Ed. 8/4/07 LAST NM 33/08 34/08
Add Depth 71 meters Wk [K26] 26° 30.4′ N 121° 26.6′ E
(NTM0005/2008)

94160 9Ed. 8/4/07 LAST NM 34/08 37/08
Add Dangerous wreck (Mast) [K25] 27° 42.0′ N 121° 10.0′ E
(28(990)08 Tianjin)

★94160 9Ed. 8/4/07 LAST NM 37/08 41/08
Add Depth 75 meters Wk [K26] 26° 07.5′ N 121° 35.4′ E
(NTM0005/2008)

★**94160** 9Ed. 8/4/07 LAST NM 41/08 46/08
Delete Wreck 25° 37.8′ N 120° 47.2′ E
Wreck 25° 55.9′ N 120° 48.1′ E
Wreck 26° 18.1′ N 121° 13.2′ E

Add Depth 76 meters Wk [K26] 25° 38.2′ N 120° 47.3′ E
(NTM0005/2008)

★**94160** 9Ed. 8/4/07 LAST NM 46/08 34/09
Delete Depth 87 meters 25° 53.1′ N 121° 18.3′ E

Add Depth 63 meters 25° 32.0′ N 121° 15.0′ E
Depth 63 meters 25° 31.6′ N 121° 12.1′ E
Depth 73 meters 25° 53.2′ N 121° 17.7′ E
(NTM0006/2009)

94160 9Ed. 8/4/07 LAST NM 34/09 13/10
Add Purple circle and legend "AIS" to buoy "No 1"
25° 15.6′ N 119° 41.3′ E

Legend "AIS" to light 25° 19.0′ N 119° 33.4′ E
(2(71)10 Tianjin)

94160 9Ed. 8/4/07 LAST NM 13/10 19/10
Substitute Depth 78 meters for 91 meters 25° 39.0′ N 121° 27.0′ E
(NTM0001/2010)

94160 9Ed. 8/4/07 LAST NM 19/10 30/10
Add Wreck [K29](PA) 25° 21.0′ N 121° 43.0′ E
(175/09 Tso-ying)

94160 9Ed. 8/4/07 LAST NM 30/10 36/10
Delete Beacon "No 10" 27° 52.3′ N 121° 08.7′ E
(24(1126)10 Tianjin)

94160 9Ed. 8/4/07 LAST NM 36/10 38/10
Add Wreck [K29] (PA) 25° 21.7′ N 120° 19.5′ E
(1(3)10 Tianjin)

94160 9Ed. 8/4/07 LAST NM 38/10 5/11
Add Beacon YBY, double cone topmark
points together, VQ(9) 10s 7m 4M [Q130.3]
25° 45.1′ N 119° 39.5′ E

Buoy "2" BRB, pillar, double ball topmark,
Fl(2) 5s AIS [Q130.4] 25° 44.2′ N 119° 39.2′ E

Buoy "3" G, pillar, cone topmark, Fl G 4s AIS
25° 42.1′ N 119° 38.2′ E
(11(592), 45(2000)10 Tianjin)

94160 9Ed. 8/4/07 LAST NM 5/11 11/11
Add Stranded wreck [K24] (PA) 25° 39.1′ N 119° 37.7′ E
(21(438)04 Tianjin)

94160 9Ed. 8/4/07 LAST NM 11/11 13/11
Add Buoy Y, conical, "X" topmark, Fl Y [Q130.6]
25° 47.0′ N 120° 46.0′ E
(2(38)11 Tianjin)

94160 9Ed. 8/4/07 LAST NM 13/11 26/11
Add Dangerous wreck (Mast) [K25] 25° 49.7′ N 119° 42.9′ E

Depth 1 meter Wk (unsurveyed) [K30]
25° 59.3′ N 119° 47.4′ E
Depth 28 meters Wk (unsurveyed) [K30]
25° 39.5′ N 119° 56.6′ E
Depth 2.5 meters Wk (unsurveyed) [K30]
25° 26.6′ N 119° 49.8′ E
(9(178, 179, 181, 182)11 Tianjin)

94160 9Ed. 8/4/07 LAST NM 26/11 34/11
Add Superbuoy [Q26] "No 2" Y, "X" topmark,
Mo(O) Y 12s 27° 32.6′ N 121° 23.5′ E
Superbuoy [Q26] "No 3" Y, "X" topmark,
Mo(O) Y 12s 27° 00.6′ N 121° 00.0′ E
(35(1578, 1579)10 Tianjin)

94160 9Ed. 8/4/07 LAST NM 34/11 41/11
Change Height of light to 31m 25° 09.5′ N 119° 31.2′ E
(UKHO LL)

94160 9Ed. 8/4/07 LAST NM 41/11 3/12
Add Light Fl(3) 10s 28m 7M 27° 40.3′ N 121° 02.3′ E
(50(1141)06 Tianjin; UKHO LL)

★**94160** 9Ed. 8/4/07 LAST NM 3/12 4/13
Add Depth 80 meters Wk [K26] 25° 54.6′ N 121° 06.6′ E
(NTM0005/2012)

94160 9Ed. 8/4/07 LAST NM 4/13 9/13
Add Buoy Y, pillar, "X" topmark, Mo(O) Y 12s
[Q130.6] with legend "(4 buoys)" 27° 22.3′ N 120° 42.8′ E
(4(446)13 Taunton)

94160 9Ed. 8/4/07 LAST NM 9/13 11/13
Add Buoy "Y2" R, pillar, can topmark, QR
25° 46.7′ N 119° 47.9′ E
(5(91)07 Tianjin)

94160 9Ed. 8/4/07 LAST NM 11/13 25/13
Add Light Fl 4s 30m 4M 25° 28.5′ N 119° 52.3′ E
Light Fl(2) 6s 22m 4M 25° 17.6′ N 119° 46.2′ E
Light Fl 4s 27m 4M 26° 36.7′ N 120° 06.4′ E
Light Fl(2) 6s 19m 4M 26° 38.9′ N 120° 07.9′ E
(7(188, 189)07 Tianjin)

94160 9Ed. 8/4/07 LAST NM 25/13 28/13
Add Light Fl(2) 6s 15m 4M 27° 46.9′ N 121° 04.3′ E
(9(246)07 Tianjin)

94160 9Ed. 8/4/07 LAST NM 28/13 43/13
Add Light Fl 5s 10m 4M 27° 47.3′ N 121° 07.8′ E
(35(1309)12 Tianjin)

94160 9Ed. 8/4/07 LAST NM 43/13 45/13
Add Light Fl(2) 6s 23m 4M 26° 56.0′ N 120° 19.3′ E
Light Fl 4s 25m 4M 26° 57.8′ N 120° 22.3′ E
Light Fl 4s 18m 4M 26° 57.1′ N 120° 18.9′ E
(7(186)12 Tianjin)

★**94164** 2Ed. 3/23/96 NEW EDITION 21/96
Delete Light 26° 15.1′ N 119° 49.5′ E
26° 16.2′ N 119° 48.6′ E
26° 18.0′ N 119° 53.6′ E
26° 22.2′ N 119° 58.3′ E
26° 23.0′ N 119° 57.5′ E
26° 25.7′ N 119° 50.1′ E
26° 26.1′ N 119° 48.9′ E
26° 24.8′ N 119° 47.8′ E
26° 24.1′ N 119° 45.3′ E
26° 28.2′ N 119° 40.8′ E
26° 31.6′ N 119° 48.7′ E
26° 31.7′ N 119° 49.4′ E
26° 34.5′ N 119° 49.7′ E
26° 35.1′ N 119° 47.0′ E
26° 36.6′ N 119° 48.0′ E
26° 36.8′ N 119° 45.1′ E
26° 36.7′ N 119° 44.6′ E
26° 30.6′ N 119° 57.9′ E
26° 33.4′ N 119° 58.1′ E
26° 34.7′ N 120° 06.1′ E

Light (PA) 26° 14.5′ N 119° 43.0′ E
26° 24.9′ N 119° 52.7′ E
(DMAHTC; Cna LL)

94164 2Ed. 3/23/96 LAST NM 21/96 22/96
Add Solid line (breakwater) between
26° 06′ 59″N 119° 40′ 22″E
26° 06′ 26″N 119° 41′ 29″E
(Cna CH 9546)

94164 2Ed. 3/23/96 LAST NM 22/96 29/96
Add Beacons, each G, cone topmark
"1" Fl G 4s 26° 04′ 58″N 119° 47′ 51″E
"3" Fl(3) G 10s 26° 05′ 13″N 119° 45′ 42″E
(10(94)96 Tianjin)

94164 2Ed. 3/23/96 LAST NM 29/96 48/96
Add Submarine cable joining 26° 08′ 13″N 120° 00′ 06″E
26° 04′ 51″N 120° 00′ 34″E
25° 58′ 52″N 119° 56′ 42″E
(40(3308)96 Taunton)

94164 2Ed. 3/23/96 LAST NM 48/96 14/97
Change Light to Fl(2) 6s 11m 8M HORN Racon
26° 04.6′ N 119° 43.3′ E
(4(30)97 Tianjin; Cna LL)

94164 2Ed. 3/23/96 LAST NM 14/97 19/97
Delete Legend "WORLD...WGS)" in left upper margin of chart

Change Note in left upper margin of chart to
"DATUM NOTE
Positions obtained from satellite navigation systems are normally referred to the World Geodetic System (WGS-84). Such positions must be moved 1.4 seconds SOUTHWARD and 0.7 second EASTWARD to agree with this chart"
(GIMM023/97)

94164 2Ed. 3/23/96 LAST NM 19/97 28/97
Delete HORN from light 26° 04.6′ N 119° 43.3′ E
(See 14/97-94164)
(Cna LL)

94164 2Ed. 3/23/96 LAST NM 28/97 7/98
Change Height of light to
9m 26° 04.9′ N 119° 49.5′ E
8m 26° 04.6′ N 119° 43.3′ E
(22(207)97 Tianjin)

94164 2Ed. 3/23/96 LAST NM 7/98 17/98
Change Height of light to 13m 26° 04.6′ N 119° 43.3′ E
(See 7/98-94164)
(5(44)98 Tianjin)

94164 2Ed. 3/23/96 LAST NM 17/98 37/98
Delete Beacon
"1" 26° 05.0′ N 119° 47.9′ E
"3" 26° 05.2′ N 119° 45.7′ E

Buoy 26° 05.8′ N 119° 44.9′ E

Add Buoys, each G, pillar, cone topmark
"Nan 1" Fl G 4s 26° 05′ 01″N 119° 47′ 53″E
"Nan 3" Fl(2) G 6s 26° 05′ 13″N 119° 45′ 42″E
"Nan 4" Fl(3) G 10s 26° 05′ 26″N 119° 44′ 01″E

Buoys, each R, pillar, can topmark
"Nan 2" Fl R 4s 26° 04′ 59″N 119° 48′ 03″E
"Nan 5" Fl(3) R 10s 26° 05′ 27″N 119° 42′ 44″E
(14(135, 136)98 Tianjin)

94164 2Ed. 3/23/96 LAST NM 37/98 46/98
Add Dashed line (recommended track) with legend "275° 49′ " between 26° 05′ 34″N 119° 41′ 41″E
26° 04′ 58″N 119° 48′ 15″E
(16(156)98 Tianjin)

94164 2Ed. 3/23/96 LAST NM 46/98 33/99
Add Buoy BYB, pillar, double cone topmark bases together, Q(3) 10s 26° 09′ 06″N 119° 47′ 36″E

Dangerous wreck 26° 09′ 10″N 119° 47′ 22″E
Dangerous wreck 26° 14′ 20″N 119° 56′ 06″E
(6(81, 82), 11(135)99 Tianjin)

94164 2Ed. 3/23/96 LAST NM 33/99 47/99
Add Dangerous wreck [K28] 26° 01′ 36″N 119° 49′ 46″E
(5(64)99 Tianjin)

94164 2Ed. 3/23/96 LAST NM 47/99 53/00
Delete Dangerous wreck 26° 14′ 20″N 119° 56′ 06″E
Dangerous wreck 26° 01′ 36″N 119° 49′ 46″E

Add Dangerous wreck [K28] 26° 01′ 00″N 119° 49′ 44″E
(15(179), 18(213)99 Tianjin)

94164 2Ed. 3/23/96 LAST NM 53/00 3/01
Relocate Buoy "3" from 26° 05′ 49″N 119° 41′ 49″E to
26° 05′ 46″N 119° 41′ 32″E
(24(287)99 Tianjin)

94164 2Ed. 3/23/96 LAST NM 3/01 14/01
Delete Light 26° 08′ 01″N 119° 39′ 22″E
Add Light Fl(3) 10s 20m 10M 25° 58′ 38″N 119° 43′ 04″E
(13(167), 14(175)00 Tianjin)

94164 2Ed. 3/23/96 LAST NM 14/01 15/01
Add Submarine cable (power) [L31.1] joining
25° 57′ 32″N 119° 57′ 54″E
25° 57′ 44″N 119° 57′ 20″E
25° 57′ 13″N 119° 56′ 28″E
25° 58′ 19″N 119° 56′ 17″E
25° 58′ 20″N 119° 56′ 12″E
(17/01 Tso-ying)

94164 2Ed. 3/23/96 LAST NM 15/01 21/01
Change Buoy to "1" GRG, pillar, Fl(2+1) G 6s
26° 06′ 20″N 119° 48′ 05″E
Buoy to "2" GRG, pillar, Fl(2+1) G 12s
26° 06′ 08″N 119° 45′ 02″E
(22(308)00 Tianjin)

94164 2Ed. 3/23/96 LAST NM 21/01 29/01
Relocate Light from 26° 04′ 51″N 119° 49′ 32″E to
26° 04′ 53″N 119° 49′ 34″E
and change height to 12m
(8(81)01 Tianjin)

94164 2Ed. 3/23/96 LAST NM 29/01 35/01
Delete Dangerous wreck 26° 09′ 10″N 119° 47′ 22″E
Buoy 26° 09′ 06″N 119° 47′ 36″E
(13(155)01 Tianjin)

94164 2Ed. 3/23/96 LAST NM 35/01 2/02
Add Dangerous wreck [K28] (PA) 25° 53′ 24″N 119° 44′ 18″E
(20(290)01 Tianjin)

94164 2Ed. 3/23/96 LAST NM 2/02 26/02
Add Dangerous wreck (Mast) [K25] (PA) marked by buoy BRB, pillar, double ball topmark, Fl(2) 5s 26° 10′ 24″N 119° 51′ 36″E
(16(320)02 Tianjin)

94164 2Ed. 3/23/96 LAST NM 26/02 27/02
Add Danger circle "Obstn" [K40] 26° 10′ 00″N 119° 56′ 18″E
(15/02 Tso-ying)

94164 2Ed. 3/23/96 LAST NM 27/02 46/02
Delete Dangerous wreck (PA) 25° 53′ 24″N 119° 44′ 18″E
(See 2/02-94164)

Add Dangerous wreck [K28] (PA) 25° 53′ 10″N 119° 43′ 50″E
(22(332)01 Tianjin)

94164 2Ed. 3/23/96 LAST NM 46/02 50/02
Relocate Buoy "4" from 26° 05′ 29″N 119° 41′ 18″E to
26° 05′ 34″N 119° 41′ 27″E

Change Buoy to "7" G, pillar, cone topmark, QG
26° 06′ 58″N 119° 39′ 53″E
(42(751, 752)02 Tianjin)

94164 2Ed. 3/23/96 LAST NM 50/02 51/02
Add Danger circle "Obstn" [K40] 26° 25′ 05″N 120° 11′ 45″E
Dangerous wreck [K28] 26° 26′ 59″N 120° 11′ 56″E
Light Fl 4s 76m 15M Racon 26° 29′ 17″N 120° 08′ 04″E
(24(376)01, 41(743, 744)02 Tianjin)

94164 2Ed. 3/23/96 LAST NM 51/02 12/03
Add Dangerous wreck [K28] "Rep (2002)" (PA)
26° 24′ 22″N 120° 03′ 55″E
(1(2)03 Tianjin)

94164 2Ed. 3/23/96 LAST NM 12/03 16/03
Add Dangerous wreck [K28] (PA) 26° 04′ 27″N 119° 47′ 37″E
(8(124)03 Tianjin)

94164 2Ed. 3/23/96 LAST NM 16/03 19/03
Add Danger circle "Obstn" [K40] (PA)
26° 04′ 18″N 119° 47′ 24″E
(4(69)03 Tianjin)

94164 2Ed. 3/23/96 LAST NM 19/03 41/03
Add Dangerous wreck [K28] 26° 31′ 20″N 119° 55′ 43″E
(46(829)02 Tianjin)

94164 2Ed. 3/23/96 LAST NM 41/03 42/03
Delete Dangerous wreck "Rep (2002)" (PA)
26° 24′ 22″N 120° 03′ 55″E
(Supersedes 12/03-94164)

Add Dangerous wreck [K28] (PA) 26° 05′ 54″N 119° 52′ 21″E

Dangerous wreck [K28] "Rep (2002)" (PA)
26° 24′ 00″N 120° 04′ 00″E
(10(147), 18(335)03 Tianjin)

94164 2Ed. 3/23/96 LAST NM 42/03 43/03
Add Depth 3.5 meters (PA), blue tint and enclosing depth contour (5-meter) centered
26° 05′ 44″N 119° 45′ 11″E
(25(493)03 Tianjin)

94164 2Ed. 3/23/96 LAST NM 43/03 17/04
Add Dangerous wreck [K28] (PA) 26° 16′ 20″N 119° 50′ 19″E
Light Fl(3) 10s 28m 10M Racon
26° 34′ 44″N 120° 06′ 11″E
Light Fl(2) 6s 101m 16M Racon
26° 22′ 12″N 119° 58′ 15″E
(BA LL; 45(800, 801)02, 26(525)03 Tianjin)

94164 2Ed. 3/23/96 LAST NM 17/04 9/05
Add Dangerous wreck [K28] (PA) 25° 54′ 53″N 119° 44′ 38″E
(44(886)04 Tianjin)

94164 2Ed. 3/23/96 LAST NM 9/05 32/07
Add Dangerous wreck [K28] (PA) 26° 08′ 12″N 119° 50′ 51″E
(47(1052)06 Tianjin)

94164 2Ed. 3/23/96 LAST NM 32/07 51/07
Delete Dangerous wreck (PA) 26° 08′ 12″N 119° 50′ 51″E
(Supersedes 32/07-94164)

Add Swept depth 19 meters Wk [K27] (PA)
26° 08′ 11″N 119° 50′ 54″E
(33(1030)07 Tianjin)

94164 2Ed. 3/23/96 LAST NM 51/07 43/08
Add Buoy R, pillar, can topmark, Fl(3) R 10s
26° 27′ 39″N 119° 41′ 00″E
(40(1292)07 Tianjin)

94164 2Ed. 3/23/96 LAST NM 43/08 51/08
Add Purple dashed line (outside limit of traffic lane)
[M15] between 26° 12′ 22″N 119° 52′ 29″E
26° 10′ 34″N 119° 56′ 11″E

Purple dashed line (inside limit of traffic lane)
[M15] between 26° 12′ 46″N 119° 52′ 59″E
26° 11′ 04″N 119° 56′ 23″E

Purple dashed line (outside limit of traffic lane)
[M15] between 26° 13′ 04″N 119° 53′ 17″E
26° 11′ 28″N 119° 56′ 35″E

Purple dashed line (outside limit of traffic lane)
[M15] joining 26° 11′ 48″N 119° 55′ 54″E
26° 12′ 21″N 119° 56′ 40″E
26° 12′ 23″N 119° 58′ 00″E

Purple dashed line (inside limit of traffic lane)
[M15] joining 26° 11′ 22″N 119° 55′ 47″E
26° 12′ 10″N 119° 56′ 44″E
26° 12′ 19″N 119° 58′ 00″E

Purple dashed line (outside limit of traffic lane)
[M15] joining 26° 10′ 52″N 119° 55′ 35″E
26° 12′ 00″N 119° 56′ 49″E
26° 12′ 17″N 119° 58′ 05″E

Note from Subsection I-2 in right upper margin of chart
(6/03, 141/08 Tso-ying)

94164 2Ed. 3/23/96 LAST NM 51/08 9/09
Add Dangerous wreck [K28] (PA) 26° 05′ 45″N 119° 41′ 16″E
(Cna CH 13991)

94164 2Ed. 3/23/96 LAST NM 9/09 13/11
Add Buoy G, pillar, cone topmark, Fl(3) G 10s
26° 34′ 57″N 119° 49′ 20″E

Buoy Y, pillar, "X" topmark, Mo(Q) Y 12s
[Q130.6] 26° 36′ 02″N 119° 46′ 29″E
(Cna CH 13971)

94164 2Ed. 3/23/96 LAST NM 13/11 16/11
Add Dangerous wreck [K28] (PA) 26° 25′ 03″N 120° 01′ 18″E
(14(329)04 Tianjin)

94164 2Ed. 3/23/96 LAST NM 16/11 18/11
Delete Stranded wreck "Rep" 26° 09′ 55″N 119° 54′ 06″E

Add Dangerous wreck [K28] 26° 09′ 57″N 119° 54′ 06″E

Depth 10.6 meters enclosed by depth contour (20-meter) centered 26° 07′ 02″N 120° 01′ 08″E
(Twn CH 4527)

94164 2Ed. 3/23/96 LAST NM 18/11 26/11
Add Depth 1 meter Wk (unsurveyed) [K30]
25° 59′ 17″N 119° 47′ 21″E
(9(178)11 Tianjin)

94164 2Ed. 3/23/96 LAST NM 26/11 12/13
Add Light Fl(3) 10s 46m 10M Racon (C)
26° 23′ 05″N 120° 05′ 10″E
(21(622)07 Tianjin)

94164 2Ed. 3/23/96 LAST NM 12/13 14/13
Delete Buoy "3" 26° 05′ 46″N 119° 41′ 32″E
Buoy "4" 26° 05′ 34″N 119° 41′ 27″E
Buoy "Nan 1" 26° 05′ 01″N 119° 47′ 53″E
Buoy "Nan 3" 26° 05′ 13″N 119° 45′ 42″E
Buoy "Nan 4" 26° 05′ 26″N 119° 44′ 01″E
Buoy "Nan 5" 26° 05′ 27″N 119° 42′ 44″E

Change Buoy to "D2" R, pillar, can topmark, Fl R 4s
26° 04′ 59″N 119° 48′ 03″E

Add Legend "Buoyed Channel" 26° 06′ 00″N 119° 40′ 00″E

Buoy "D1" G, pillar, cone topmark, Fl G 4s
AIS 26° 04′ 59″N 119° 47′ 58″E

Buoy "D3" G, pillar, cone topmark, Fl(2) G 6s
26° 05′ 12″N 119° 46′ 16″E
Buoy "D4" R, pillar, can topmark, Fl(2) R 6s
26° 05′ 19″N 119° 44′ 03″E

Buoy "D5" G, pillar, cone topmark, Fl(3) G 10s
AIS 26° 05′ 22″N 119° 44′ 42″E
Buoy "D6" R, pillar, can topmark, Fl(3) R 10s
AIS 26° 05′ 19″N 119° 44′ 03″E
(28(867)07 Tianjin; UKHO ARCS 2411-0, 2419-0)

94164 2Ed. 3/23/96 LAST NM 14/13 25/13
Add Light Fl 4s 27m 4M 26° 36′ 43″N 120° 06′ 26″E
(7(189)07 Tianjin)

94164 2Ed. 3/23/96 LAST NM 25/13 26/13
Add Light Fl 6s 15m 4M 26° 31′ 51″N 120° 01′ 09″E
(7(190)07 Tianjin)

★**94165** 4Ed. 11/30/96 NEW EDITION 4/97
(NIMA)

94165 4Ed. 11/30/96 LAST NM 4/97 14/97
Change Light to Fl(2) 6s 11m 8M HORN Racon
26° 04′ 33″N 119° 43′ 25″E
(4(30)97 Tianjin; Cna LL)

94165 4Ed. 11/30/96 LAST NM 14/97 19/97
Delete Legend "WORLD...WGS)" in left upper margin of chart

(continued on next page)

94165 (Continued) 19/97
Change Note in left upper margin of chart to
"DATUM NOTE
Positions obtained from satellite
navigation systems are normally referred
to the World Geodetic System (WGS-84).
Such positions must be moved 0.1 second
SOUTHWARD and 4.8 seconds EASTWARD
to agree with this chart"
(GIMM023/97)

94165 4Ed. 11/30/96 LAST NM 19/97 28/97
Delete HORN from light 26° 04′ 33″N 119° 43′ 25″E
(See 14/97-94165)
(Cna LL)

94165 4Ed. 11/30/96 LAST NM 28/97 7/98
Change Height of light to
8m 26° 04′ 33″N 119° 43′ 25″E
47m 26° 05′ 22″N 119° 38′ 20″E
91m 26° 05′ 20″N 119° 37′ 33″E
23m 26° 07′ 19″N 119° 38′ 34″E
10m 26° 08′ 01″N 119° 39′ 22″E
27m 26° 08′ 02″N 119° 38′ 20″E
60m 26° 08′ 40″N 119° 37′ 24″E
8m 26° 08′ 08″N 119° 35′ 39″E
(22(207)97 Tianjin)

94165 4Ed. 11/30/96 LAST NM 7/98 17/98
Change Height of light to 13m 26° 04′ 33″N 119° 43′ 25″E
(See 7/98-94165)
(5(44)98 Tianjin)

94165 4Ed. 11/30/96 LAST NM 17/98 37/98
Delete Beacon "3" 26° 05′ 15″N 119° 45′ 49″E
Buoy 26° 05′ 46″N 119° 44′ 54″E

Add Buoys, each G, pillar, cone topmark
"Nan 3" Fl(2) G 6s 26° 05′ 13.0″N 119° 45′ 47.0″E
"Nan 4" Fl(3) G 10s 26° 05′ 25.8″N 119° 44′ 06.0″E

Buoy "Nan 5" R, pillar, can topmark,
Fl(3) R 10s 26° 05′ 26.5″N 119° 42′ 48.5″E
(14(135, 136)98 Tianjin)

94165 4Ed. 11/30/96 LAST NM 37/98 46/98
Add Dashed line (recommended track) with
legend "275° 49′ " between 26° 05′ 38.0″N 119° 41′ 47.0″E
26° 05′ 15.3″N 119° 45′ 51.1″E
(16(156)98 Tianjin)

94165 4Ed. 11/30/96 LAST NM 46/98 52/00
Add Buoy Y, pillar, "X" topmark, Mo(C) Y 12s
26° 08′ 19.0″N 119° 36′ 31.0″E
(3(41)99 Tianjin)

94165 4Ed. 11/30/96 LAST NM 52/00 1/01
Substitute Racon for Ramark at light 26° 05′ 22.7″N 119° 38′ 19.4″E
(21(260)99 Tianjin; Cna LL)

94165 4Ed. 11/30/96 LAST NM 1/01 3/01
Relocate Buoy "3" from
26° 05′ 48.7″N 119° 41′ 48.7″E to
26° 05′ 45.7″N 119° 41′ 32.0″E
(24(287)99 Tianjin)

94165 4Ed. 11/30/96 LAST NM 3/01 14/01
Add Light Fl(3) 10s 20m 10M 25° 58′ 37.0″N 119° 43′ 08.0″E
(14(175)00 Tianjin)

94165 4Ed. 11/30/96 LAST NM 14/01 20/01
Add Chartlet, depicting changes in hydrography and
aids to navigation, from Subsection I-2
26° 06′ 30.0″N 119° 40′ 30.0″E
(13(167)00 Tianjin; Cna CH 13991)

94165 4Ed. 11/30/96 LAST NM 20/01 21/01
Change Buoy to "2" GRG, pillar, Fl(2+1) G 12s
26° 06′ 08.5″N 119° 45′ 01.6″E
(22(308)00 Tianjin)

94165 4Ed. 11/30/96 LAST NM 21/01 29/01
Relocate Light from 26° 05′ 22.7″N 119° 38′ 19.4″E to
26° 05′ 22.6″N 119° 38′ 18.1″E

Change Height of light to 84m 26° 08′ 01.0″N 119° 39′ 31.8″E

Add Buoy "S3" Y, pillar, "X" topmark,
Mo(C) Y 12s 26° 07′ 37.8″N 119° 34′ 31.5″E
(8(82), 9(101)01 Tianjin)

94165 4Ed. 11/30/96 LAST NM 29/01 30/01
Add Beacon BRB, double ball topmark,
Fl(2) 5s 7m 3M 26° 05′ 29.6″N 119° 32′ 18.0″E
(8(91)01 Tianjin)

94165 4Ed. 11/30/96 LAST NM 30/01 34/01
Add Buoy "N4" YBY, pillar, double cone topmark
points together, Q(9) 15s 26° 07′ 24.0″N 119° 39′ 29.9″E
Buoy "N1" BYB, pillar, double cone topmark
bases together, Q(3) 10s 26° 04′ 51.0″N 119° 31′ 13.0″E
(See 20/01-94165)
(12(146)01 Tianjin; Cna CH 13992)

94165 4Ed. 11/30/96 LAST NM 34/01 14/02
Change Light to Fl 1½s 30m 10M 26° 08′ 02.0″N 119° 38′ 20.0″E
Light to Iso 4s 63m 10M 26° 08′ 40.0″N 119° 37′ 24.0″E

Visibility (range) of light to 10M
26° 08′ 01.0″N 119° 39′ 31.8″E
(See 20, 29/01-94165)
(6(84)02 Tianjin; Cna LL)

94165 4Ed. 11/30/96 LAST NM 14/02 20/02
Add Chartlet A, depicting changes in topography
and hydrography, from Subsection I-2
25° 59′ 30.0″N 119° 27′ 00.0″E
Chartlet B, depicting changes in topography
and hydrography, from Subsection I-2
26° 00′ 00.0″N 119° 28′ 30.0″E
(10(121), 11(128)00, 8(93), 12(146)01 Tianjin; Cna CH 13992)

94165 4Ed. 11/30/96 LAST NM 20/02 26/02
Add Dangerous wreck [K28] "Rep (2002)" (PA)
26° 04′ 44.0″N 119° 31′ 23.0″E
(19(368)02 Tianjin)

94165 4Ed. 11/30/96 LAST NM 26/02 50/02
Relocate Buoy "3" from
26° 05′ 46.1″N 119° 41′ 32.0″E to
26° 05′ 50.0″N 119° 41′ 54.1″E
Buoy "4" from
26° 05′ 30.2″N 119° 41′ 22.0″E to
26° 05′ 36.0″N 119° 41′ 26.0″E
(See 20/01-94165)

Change Buoy to "7" G, pillar, cone topmark, QG
26° 06′ 58.0″N 119° 39′ 53.2″E

Add Buoy "6" R, pillar, can topmark, Fl(2) R 6s
26° 06′ 12.1″N 119° 40′ 44.1″E
Buoy "8" R, pillar, can topmark, QR
26° 06′ 50.0″N 119° 39′ 49.8″E
Buoy "9" G, pillar, cone topmark, Fl G 4s
26° 07′ 34.6″N 119° 38′ 59.1″E
Buoy "10" R, pillar, can topmark, Fl R 4s
26° 07′ 21.8″N 119° 39′ 07.8″E
Buoy "11" G, pillar, cone topmark, Fl(3) G 10s
26° 07′ 53.0″N 119° 38′ 19.2″E
Buoy "12" R, pillar, can topmark, Fl(3) R 10s
26° 07′ 49.3″N 119° 38′ 04.0″E
(42(751-753)02 Tianjin; Cna CH 13991)

94165 4Ed. 11/30/96 LAST NM 50/02 18/03
Delete Buoy "1" 25° 59′ 17.4″N 119° 28′ 14.5″E
(See 20/02-94165)

Add Buoy G, pillar, cone topmark, Fl G 4s
25° 59′ 24.5″N 119° 28′ 24.9″E
(30(561, 562)02 Tianjin)

94165 4Ed. 11/30/96 LAST NM 18/03 24/03
Add Dangerous wreck [K28] (PA) marked by buoy
BRB, pillar, double ball topmark, Fl(2) 5s
26° 01′ 17.0″N 119° 29′ 23.1″E
(12(188)03 Tianjin)

94165 4Ed. 11/30/96 LAST NM 24/03 43/03
Add Dangerous wreck [K28] (PA)
26° 07′ 26.4″N 119° 38′ 33.0″E

Depth 3.5 meters (PA), blue tint and enclosing
depth contour (5-meter) centered
26° 05′ 43.6″N 119° 45′ 10.8″E
(25(493), 32(652)03 Tianjin)

94165 4Ed. 11/30/96 LAST NM 43/03 13/04
Delete Buoy 26° 01′ 17.0″N 119° 29′ 23.1″E
(Supersedes 24/03-94165)
(52(1134)03 Tianjin)

94165 4Ed. 11/30/96 LAST NM 13/04 18/04
Add Depth 4.2 meters, blue tint and enclosing
depth contour (5-meter) centered
25° 58′ 49.0″N 119° 27′ 49.2″E
(See 20/02-94165)
(49(1076)03 Tianjin)

94165 4Ed. 11/30/96 LAST NM 18/04 8/05
Add Racon [S3.1] at light 26° 08′ 02.0″N 119° 38′ 20.0″E
(47(988)04 Tianjin)

94165 4Ed. 11/30/96 LAST NM 8/05 40/06
Substitute Stranded wreck [K24] (PA) for
dangerous wreck 26° 04′ 44.0″N 119° 31′ 23.0″E
(22(430)06 Tianjin)

94165 4Ed. 11/30/96 LAST NM 40/06 45/06
Delete Stranded wreck (PA) 26° 04′ 44.0″N 119° 31′ 23.0″E
(34(751)06 Tianjin)

94165 4Ed. 11/30/96 LAST NM 45/06 49/07
Add Dangerous wreck [K28] 26° 08′ 05.4″N 119° 35′ 43.5″E
Dangerous wreck [K28] 26° 07′ 56.7″N 119° 35′ 16.3″E
Dangerous wreck [K28] 26° 03′ 32.3″N 119° 30′ 39.7″E
(33(1029)07 Tianjin)

94165 4Ed. 11/30/96 LAST NM 49/07 37/08
Add Beacon BRB, double ball topmark, Fl(2) 5s
[Q130.4] 26° 01′ 49.6″N 119° 29′ 57.4″E
(9(128)05 Tianjin)

94165 4Ed. 11/30/96 LAST NM 37/08 46/08
Add Buoy G, pillar, cone topmark, QG
26° 00′ 42.2″N 119° 29′ 14.8″E
(See 20/02-95102)
(Cna CH 13992)

94165 4Ed. 11/30/96 LAST NM 46/08 52/08
Add Anchorage area [N12.1] bound by purple
dashed line joining 26° 07′ 05.7″N 119° 33′ 07.0″E
26° 07′ 11.0″N 119° 33′ 12.2″E
26° 07′ 07.6″N 119° 33′ 16.0″E
26° 07′ 02.3″N 119° 33′ 11.0″E

Buoy (mooring) [Q40] “2”, Mo(Q) R 12s
26° 07′ 09.2″N 119° 33′ 14.2″E
Buoy (mooring) [Q40] “3”, Mo(Q) R 12s
26° 07′ 04.0″N 119° 33′ 08.8″E
(Cna CH 13992)

94165 4Ed. 11/30/96 LAST NM 52/08 8/09
Add Depth 7.7 meters Wk [K26] (PA)
26° 02′ 04.6″N 119° 30′ 12.2″E
(40(873)05 Tianjin)

94165 4Ed. 11/30/96 LAST NM 8/09 9/09
Add Dangerous wreck [K28] (PA)
26° 05′ 45.9″N 119° 41′ 19.8″E
(See 20/01-94165)
(Cna CH 13991)

94165 4Ed. 11/30/96 LAST NM 9/09 14/10
Add Buoy “Xinfeng No 1” G, pillar, cone topmark,
Fl G 4s AIS 26° 04′ 55.7″N 119° 31′ 32.3″E
Buoy “Xinfeng No 2” G, pillar, cone topmark,
Fl(2) G 6s 26° 04′ 33.5″N 119° 31′ 08.3″E
Buoy “Xinfeng No 3” R, pillar, can topmark,
Fl R 4s 26° 04′ 28.1″N 119° 31′ 41.1″E
(Cna CH 13992)

94165 4Ed. 11/30/96 LAST NM 14/10 40/11
Add Buoy “3” G, pillar, cone topmark,
Fl(2) G 6s AIS 26° 07′ 47.2″N 119° 34′ 35.7″E

Buoy R, pillar, can topmark, Fl R 4s
26° 07′ 51.0″N 119° 34′ 59.9″E
(31(671)05 Tianjin; UKHO ARCS 2410-1)

94165 4Ed. 11/30/96 LAST NM 40/11 7/12
Add Light Fl(2) 6s 10m 4M 26° 02′ 41.0″N 119° 30′ 30.5″E
Light Fl(3) 10s 10m 4M 26° 02′ 00.0″N 119° 30′ 09.8″E
(9(133, 134)06 Tianjin; UKHO LL)

94165 4Ed. 11/30/96 LAST NM 7/12 39/12
Add AIS [S17.2] to buoy 26° 00′ 50.0″N 119° 29′ 08.5″E
AIS [S17.2] to buoy 25° 58′ 56.8″N 119° 27′ 54.0″E
AIS [S17.1] to beacon 25° 58′ 46.0″N 119° 27′ 13.5″E
(See 20/02-94165)
(43(1635)09 Tianjin)

94165 4Ed. 11/30/96 LAST NM 39/12 13/13
Delete Buoy “9” 26° 07′ 34.6″N 119° 38′ 59.1″E
Buoy “10” 26° 07′ 21.8″N 119° 39′ 07.8″E
Buoy “11” 26° 07′ 53.0″N 119° 38′ 19.2″E
Buoy “12” 26° 07′ 49.3″N 119° 38′ 04.0″E
(See 20/01-94165)

Add Buoy “D16” R, pillar, can topmark,
Fl(3) R 10s AIS 26° 07′ 25.4″N 119° 39′ 01.0″E
Buoy “D17” G, pillar, cone topmark,
Fl(3) G 10s AIS 26° 07′ 34.6″N 119° 39′ 00.7″E
Buoy “D19” YB, pillar, double cone topmark
points downward, VQ(6) + L Fl 10s [Q130.3]
26° 07′ 52.8″N 119° 38′ 19.8″E
Buoy “D20” R, pillar, can topmark, Fl R 4s
26° 07′ 48.8″N 119° 37′ 58.0″E
(28(855, 856)07 Tianjin; UKHO ARCS 2411-0)

94165 4Ed. 11/30/96 LAST NM 13/13 14/13
Delete Buoy “Nan 3” 26° 05′ 13.0″N 119° 45′ 47.0″E
Buoy “Nan 4” 26° 05′ 25.8″N 119° 44′ 06.0″E
Buoy “3” 26° 05′ 50.0″N 119° 41′ 54.1″E
Buoy “4” 26° 05′ 36.0″N 119° 41′ 26.0″E
Buoy “5” 26° 05′ 26.5″N 119° 42′ 48.5″E
(See 20/01-94165)

Change Buoy “5” to “D13” G, pillar, cone topmark,
Fl G 4s 26° 06′ 20.0″N 119° 40′ 49.9″E
Buoy “6” to “D12” R, pillar, can topmark,
Fl R 4s 26° 06′ 12.1″N 119° 40′ 44.1″E
Buoy “7” to “D15” G, pillar, cone topmark,
Fl(2) G 6s 26° 06′ 58.0″N 119° 39′ 53.2″E
Buoy “8” to “D14” R, pillar, can topmark,
Fl(2) R 6s 26° 06′ 50.0″N 119° 39′ 49.8″E

Designation of buoy “2” to “A3”
26° 06′ 08.5″N 119° 45′ 01.6″E

Add Buoy “D4” R, pillar, can topmark,
Fl(2) R 6s 26° 05′ 08.7″N 119° 45′ 32.2″E
Buoy “D5” G, pillar, cone topmark,
Fl(3) G 10s AIS 26° 05′ 21.6″N 119° 44′ 41.8″E
Buoy “D6” R, pillar, can topmark,
Fl(3) R 10s AIS 26° 05′ 19.0″N 119° 44′ 02.8″E

Buoy “D7” G, pillar, cone topmark, Fl G 4s
26° 05′ 30.0″N 119° 43′ 32.6″E
Buoy “D8” R, pillar, can topmark, Fl R 4s AIS
26° 05′ 29.0″N 119° 42′ 37.7″E

Buoy “A5” GRG, pillar, cone topmark,
Fl(2+1) G 9s 26° 05′ 40.2″N 119° 42′ 10.3″E

Buoy “D9” G, pillar, cone topmark, QG AIS
26° 05′ 44.4″N 119° 41′ 34.0″E
Buoy “D10” R, pillar, can topmark, QR AIS
26° 05′ 34.1″N 119° 41′ 16.6″E

Buoy “D10-1” RW, pillar, ball topmark,
L Fl 10s AIS 26° 05′ 42.8″N 119° 41′ 16.9″E

Buoy “D10-2” R, pillar, can topmark, QR
26° 05′ 48.0″N 119° 40′ 56.8″E
(28(867)07 Tianjin; UKHO ARCS 2411-0)

94165 4Ed. 11/30/96 LAST NM 14/13 36/13
Add Beacon Y, "X" topmark, Mo(C) Y 12s 11m 3M
AIS 26° 01′ 17.5″N 119° 29′ 48.7″E
(28(1011)13 Tianjin)

★94180 10Ed. 8/28/10 NEW EDITION 9/11
(NGA)

94180 10Ed. 8/28/10 LAST NM 9/11 12/11
Add Light Fl(2) R 6s 27m 4M 30° 13.7′ N 122° 33.2′ E
(18(368)05 Tianjin)

94180 10Ed. 8/28/10 LAST NM 12/11 13/11
Change Height of light to 21m 30° 08.6′ N 122° 45.2′ E
(2(37)11 Tianjin)

94180 10Ed. 8/28/10 LAST NM 13/11 26/11
Add Light Fl 2s 18m 4M 29° 42.7′ N 122° 00.3′ E
(9(176)11 Tianjin)

94180 10Ed. 8/28/10 LAST NM 26/11 34/11
Substitute Light Fl(2) 6s 25m 10M Racon (B) for Racon
(B) 29° 52.6′ N 122° 13.8′ E

Add Superbuoy [Q26] "No 2" Y, "X" topmark,
Mo(O) Y 12s 27° 32.6′ N 121° 23.5′ E
(35(1578)10 Tianjin; UKHO ARCS 1126-0)

94180 10Ed. 8/28/10 LAST NM 34/11 3/12
Add Light Fl(3) 10s 28m 7M 27° 40.3′ N 121° 02.3′ E
(50(1141)06 Tianjin; UKHO LL)

94180 10Ed. 8/28/10 LAST NM 3/12 18/12
Add Light Fl 2s 12m 4M 29° 45.8′ N 122° 00.5′ E
(9(239)12 Tianjin)

94180 10Ed. 8/28/10 LAST NM 18/12 12/13
Delete Wreck 28° 40.5′ N 122° 29.1′ E

Depth 35 meters, danger circle and legend
"Obstn (2003)" 28° 27.3′ N 122° 10.1′ E

Danger circle "Obstn" 28° 13.7′ N 122° 40.9′ E

Add Dangerous wreck [K28] 28° 19.5′ N 121° 45.0′ E
(5(517)13 Taunton)

94180 10Ed. 8/28/10 LAST NM 12/13 35/13
Add Legend "AIS" to light 30° 10.2′ N 122° 56.7′ E

Purple composite line (anchoring and fishing
prohibited area limit) joining 28° 19.7′ N 121° 41.7′ E
28° 22.9′ N 121° 45.5′ E
28° 22.1′ N 121° 45.5′ E
28° 19.8′ N 121° 42.7′ E

Light Fl 3s 26m 7M Racon (B) 30° 07.5′ N 122° 10.2′ E
Light Fl(2) 6s 11m 7M 30° 13.8′ N 122° 25.8′ E
(23(688, 689), 29(903)07, 24(894)13 Tianjin; UKHO LL)

94180 10Ed. 8/28/10 LAST NM 35/13 36/13
Add Dangerous wreck [K28] (PA) 29° 56.3′ N 122° 45.1′ E
(28(3089)13 Taunton)

94180 10Ed. 8/28/10 LAST NM 36/13 42/13
Add AIS [S17.2] to buoy 29° 40.8′ N 122° 33.0′ E
(23(692)12 Tianjin)

94180 10Ed. 8/28/10 LAST NM 42/13 8/14
Substitute Depth 10.8 meters R [K14.1] for 6 meters
30° 09.5′ N 122° 01.4′ E
and delete enclosing depth contour (10-meter)

Depth 10.1 meters R [K14.1] for 2.9 meters
30° 09.5′ N 122° 02.1′ E
and delete enclosing dotted-line circle
(34(1257)13 Tianjin)

★94184 2Ed. 4/11/81 NEW EDITION N25/81
(DMAHTC)

94184 2Ed. 4/11/81 LAST NM N25/81 N46/85
Add Light Fl(2) 20s 105m 13M 28° 53′ 02″N 122° 15′ 36″E
(16(105)85 China)

94184 2Ed. 4/11/81 LAST NM N46/85 N45/87
Change Visibility (range) of light to 25M 28° 53.0′ N 122° 15.6′ E
(15(90)87 China)

94184 2Ed. 4/11/81 LAST NM N45/87 N51/87
Change Light to Fl(2) 6s 51m 7M 29° 26.0′ N 122° 13.1′ E
(18(114)87 Tianjin)

94184 2Ed. 4/11/81 LAST NM N51/87 N1/92
Change Visibility (range) of light to 9M 29° 26.0′ N 122° 13.1′ E
(20(108)91 Tianjin)

94184 2Ed. 4/11/81 LAST NM N1/92 N14/94
Add Ramark at light 28° 53.0′ N 122° 15.6′ E
(4(28)94 Tianjin)

94184 2Ed. 4/11/81 LAST NM N14/94 N2/95
Delete Buoy 29° 16.3′ N 122° 07.6′ E
29° 08.9′ N 121° 52.1′ E
29° 07.2′ N 121° 33.0′ E
29° 03.4′ N 121° 39.2′ E

Light 29° 25.4′ N 122° 10.1′ E
29° 25.0′ N 121° 59.0′ E
29° 21.1′ N 122° 01.4′ E
29° 20.9′ N 121° 59.4′ E
29° 16.0′ N 122° 02.0′ E
29° 14.0′ N 121° 58.6′ E
29° 11.4′ N 122° 04.7′ E
29° 11.7′ N 121° 59.4′ E
29° 12.9′ N 121° 57.6′ E
29° 12.9′ N 121° 57.4′ E
29° 13.2′ N 121° 57.0′ E
29° 11.3′ N 121° 56.2′ E
29° 10.9′ N 121° 55.6′ E
29° 09.7′ N 121° 52.1′ E
29° 09.4′ N 121° 50.4′ E
29° 09.0′ N 121° 48.9′ E
29° 09.4′ N 121° 46.5′ E
29° 07.8′ N 121° 51.9′ E
29° 07.4′ N 121° 52.6′ E
29° 06.9′ N 121° 53.2′ E
29° 09.9′ N 121° 58.4′ E
29° 09.6′ N 121° 58.5′ E
29° 11.7′ N 121° 47.0′ E
29° 14.5′ N 121° 35.0′ E
29° 12.6′ N 121° 36.4′ E
29° 07.7′ N 121° 40.8′ E
29° 07.6′ N 121° 41.6′ E
29° 03.2′ N 122° 00.6′ E
29° 00.4′ N 121° 53.8′ E
29° 03.3′ N 121° 43.2′ E
29° 02.8′ N 121° 41.5′ E
29° 02.9′ N 121° 40.7′ E
29° 03.5′ N 121° 39.9′ E
29° 02.6′ N 121° 37.6′ E
29° 02.6′ N 121° 36.6′ E
29° 02.7′ N 121° 35.0′ E
29° 03.0′ N 121° 34.2′ E
29° 03.7′ N 121° 34.0′ E
28° 59.3′ N 121° 44.1′ E
28° 57.8′ N 121° 47.6′ E
28° 54.3′ N 121° 41.9′ E
(Cna LL)

94184 2Ed. 4/11/81 LAST NM N2/95 N11/98
Change Light to Fl(2) 10s 53m 16M 29° 26.0′ N 122° 13.1′ E
(2(17)98 Tianjin)

94184 2Ed. 4/11/81 LAST NM N11/98 N40/99
Substitute Racon for Ramark at light 28° 53′ 00″N 122° 15′ 36″E
(15(182)99 Tianjin)

94184 2Ed. 4/11/81 LAST NM N40/99 N20/01
Add Dangerous wreck [K28] "Rep (2000)" (PA)
28° 54′ 02″N 121° 53′ 06″E
(21(294)00 Tianjin)

94184 2Ed. 4/11/81 LAST NM N20/01 N51/02
Add Beacon BRB, double ball topmark,
Fl(2) 5s 15m 10M Racon [Q130.4]
29° 16′ 23″N 122° 08′ 00″E

Dangerous wreck [K28] "Rep (2002)" (PA)
29° 20′ 58″N 122° 09′ 57″E
(28(522), 40(732)02 Tianjin)

94184 2Ed. 4/11/81 LAST NM N51/02 N28/05
Add Light Fl(3) 10s 51m 10M 29° 25′ 25″N 122° 10′ 18″E
(BA LL)

94184 2Ed. 4/11/81 LAST NM N28/05 N6/07
Add Light Fl(2) 6s 33m 10M Racon (M)
29° 11′ 42″N 121° 59′ 30″E
(38(847)06 Tianjin; BA LL)

94184 2Ed. 4/11/81 LAST NM N6/07 N16/09
Add Light Fl(4) 6s 21m 7M 29° 08′ 01″N 122° 02′ 48″E
Light Fl 4s 6m 4M 29° 05′ 22″N 121° 52′ 09″E
Light Fl 3s 8m 4M 29° 09′ 17″N 122° 00′ 23″E
(5(86), 6(108, 109)09 Tianjin)

★94187 4Ed. 5/19/12 NEW EDITION N36/12
(NGA)

94187 4Ed. 5/19/12 LAST NM N36/12 N41/13
Relocate Buoy "QN1" from
27° 58′ 46.1″N 120° 45′ 52.1″E to
27° 58′ 48.0″N 120° 45′ 43.2″E
(35(1308)12 Tianjin)

★94188 2Ed. 5/25/96 NEW EDITION N33/96
Add Height to light
14m 29° 57.4′ N 121° 58.0′ E
9m 29° 47.8′ N 122° 14.4′ E
(DMA; Cna LL)

94188 2Ed. 5/25/96 LAST NM N33/96 N41/96
Relocate Light close W to 29° 56′ 39″N 122° 04′ 56″E

Add Wreck "Rep (1996)" (PA) 29° 55′ 06″N 122° 06′ 49″E
Dangerous wreck "Rep (1996)" (PA)
29° 33′ 09″N 122° 06′ 09″E
(16(149, 150)96 Tianjin; Cna CH 9308)

94188 2Ed. 5/25/96 LAST NM N41/96 N8/97
Add Legend "Rep (1994)" (PA) to
dangerous wreck 29° 28.5′ N 122° 21.9′ E
(24(197)96 Tianjin)

94188 2Ed. 5/25/96 LAST NM N8/97 N17/97
Add Dangerous wreck 29° 57′ 33″N 121° 56′ 25″E
29° 56′ 51″N 121° 55′ 59″E
(5(49)97 Tianjin)

94188 2Ed. 5/25/96 LAST NM N17/97 N34/97
Add Dangerous wreck 29° 41′ 08″N 122° 22′ 08″E
(13(129)97 Tianjin)

94188 2Ed. 5/25/96 LAST NM 34/97 39/97
(Previously Limited Distribution)

Delete Limited Distribution note
in right lower margin of chart

Legend "LIMITED DISTRIBUTION"
in upper left margin of chart
(NIMA)

94188 2Ed. 5/25/96 LAST NM 39/97 41/97
Delete Dangerous wreck 29° 41′ 08″N 122° 22′ 08″E
(Supersedes 34/97-94188)

Change Height of light to
110m 29° 46.3′ N 122° 18.5′ E
17m 29° 47.8′ N 122° 14.4′ E
(16(150, 151)97 Tianjin; Cna LL)

94188 2Ed. 5/25/96 LAST NM 41/97 52/97
Add Dangerous wreck (PA) 29° 57′ 43″N 121° 56′ 47″E
(20(190)97 Tianjin)

94188 2Ed. 5/25/96 LAST NM 52/97 10/98
Add Dangerous wreck 29° 58′ 16″N 121° 51′ 15″E
(24(242)97 Tianjin)

94188 2Ed. 5/25/96 LAST NM 10/98 11/98
Change Light to Fl(2) 10s 53m 16M 29° 26.0′ N 122° 13.2′ E
(2(17)98 Tianjin)

94188 2Ed. 5/25/96 LAST NM 11/98 15/98
Add Racon at light 29° 57.9′ N 121° 54.1′ E
(3(32)98 Tianjin)

94188 2Ed. 5/25/96 LAST NM 15/98 31/99
Add Legend "Works in progress (1998)"
29° 56′ 00″N 121° 54′ 06″E
(10(957)99 Taunton)

94188 2Ed. 5/25/96 LAST NM 31/99 47/99
Add Dangerous wreck [K28] (PA) 29° 58′ 49″N 122° 21′ 39″E
(7(92)99 Tianjin)

94188 2Ed. 5/25/96 LAST NM 47/99 40/00
Add Foul ground symbol [K31] "Rep (2000)" (PA)
30° 01′ 00″N 121° 59′ 00″E
(15(195)00 Tianjin)

94188 2Ed. 5/25/96 LAST NM 40/00 47/00
Add Dangerous wreck [K28] (PA) 29° 40′ 12″N 122° 02′ 00″E
(18(246)00 Tianjin)

94188 2Ed. 5/25/96 LAST NM 47/00 13/01
Add Light Fl 4s 74m 18M 29° 59′ 06″N 122° 21′ 54″E
(2(12)01 Tianjin)

94188 2Ed. 5/25/96 LAST NM 13/01 24/01
Add Position circle 29° 53′ 22″N 121° 56′ 53″E
Position circle 29° 53′ 43″N 121° 56′ 57″E

Dashed line (overhead power cable) [D26]
"(37)" between above position circles
(4(33)01 Tianjin)

94188 2Ed. 5/25/96 LAST NM 24/01 34/01
Add Dangerous wreck [K28] "Rep (2001)"
29° 43′ 48″N 122° 02′ 30″E
(12(140)01 Tianjin)

94188 2Ed. 5/25/96 LAST NM 34/01 44/02
Change Visibility (range) of light to 9M
29° 58′ 32″N 121° 48′ 33″E

Add Beacon G, cone topmark, QG 10m 7M Racon
29° 55′ 06″N 121° 59′ 58″E
Buoy R, pillar, can topmark, Fl R 4s
29° 55′ 03″N 122° 00′ 09″E
(24(386)01, 4(54)02 Tianjin)

94188 2Ed. 5/25/96 LAST NM 44/02 46/02
Add Light Fl R 4s 27m 6M 29° 44′ 07″N 122° 02′ 32″E
(2(12)02 Tianjin; BA LL)

94188 2Ed. 5/25/96 LAST NM 46/02 47/02
Add Dangerous wreck [K28] "Rep (2002)" (PA)
29° 57′ 21″N 122° 06′ 24″E
(31(584)02 Tianjin)

94188 2Ed. 5/25/96 LAST NM 47/02 51/02
Add Dangerous wreck [K28] "Rep (2002)" (PA)
29° 20′ 55″N 122° 10′ 02″E
(28(522)02 Tianjin)

94188 2Ed. 5/25/96 LAST NM 51/02 8/03
Change Visibility (range) of light to 10M
29° 47′ 45″N 122° 14′ 24″E

(continued on next page)

94188 (Continued) 8/03
Add Submarine cable [L30.1] joining
29° 54′ 44″N 122° 21′ 06″E
29° 54′ 22″N 122° 20′ 59″E
29° 53′ 47″N 122° 20′ 31″E
29° 53′ 40″N 122° 20′ 09″E

Submarine cable [L30.1] joining
29° 54′ 44″N 122° 21′ 06″E
29° 53′ 57″N 122° 20′ 01″E
29° 53′ 44″N 122° 19′ 58″E

Submarine cable [L30.1] joining
29° 46′ 43″N 122° 17′ 46″E
29° 46′ 32″N 122° 17′ 32″E
29° 44′ 59″N 122° 17′ 17″E

Submarine cable [L30.1] joining
29° 44′ 06″N 122° 14′ 00″E
29° 43′ 42″N 122° 13′ 43″E
29° 43′ 33″N 122° 13′ 45″E
29° 43′ 03″N 122° 13′ 34″E

Submarine cable [L30.1] joining
29° 46′ 43″N 122° 17′ 54″E
29° 46′ 18″N 122° 17′ 37″E
29° 44′ 57″N 122° 17′ 26″E
(50(934-938)02 Tianjin; Cna LL)

94188 2Ed. 5/25/96 LAST NM 8/03 28/03
Add Wreck [K29] "Rep (2003)" (PA)
29° 42′ 50″N 122° 01′ 39″E
(19(368)03 Tianjin)

94188 2Ed. 5/25/96 LAST NM 28/03 8/05
Add Wreck [K29] 29° 52′ 29″N 122° 11′ 49″E
(47(989)04 Tianjin)

94188 2Ed. 5/25/96 LAST NM 8/05 28/05
Add Light Fl(3) 10s 51m 10M 29° 25′ 25″N 122° 10′ 18″E
(BA LL)

94188 2Ed. 5/25/96 LAST NM 28/05 38/06
Add Dangerous wreck [K28] (PA) 29° 43′ 15″N 122° 01′ 55″E
Dangerous wreck [K28] (PA) 29° 56′ 42″N 122° 01′ 19″E
(27(571), 28(602)06 Tianjin)

94188 2Ed. 5/25/96 LAST NM 38/06 3/07
Add Light Fl R 4s 12m 4M Racon (Y)
29° 43′ 31″N 122° 13′ 29″E
(37(815)06 Tianjin; BA LL)

94188 2Ed. 5/25/96 LAST NM 3/07 5/07
Add Light Fl(2) 6s 17m 7M Racon (G)
29° 42′ 31″N 122° 02′ 33″E
(38(846)06 Tianjin; BA LL)

94188 2Ed. 5/25/96 LAST NM 5/07 9/07
Add Dangerous wreck [K28] (PA) 29° 56′ 31″N 122° 19′ 15″E
(8(105)06 Tianjin)

94188 2Ed. 5/25/96 LAST NM 9/07 31/07
Add Danger circle "Obstn (Anchor chain)" [K40]
(PA) 29° 45′ 30″N 122° 20′ 00″E

Dangerous submerged rock [K13] "Rep
(2007)" 29° 59′ 53″N 121° 55′ 57″E
(19(589, 593)07 Tianjin)

94188 2Ed. 5/25/96 LAST NM 31/07 45/07
Add Light Fl(2) 5s 17m 7M Racon (M)
29° 55′ 09″N 122° 17′ 45″E
(23(680)07 Tianjin)

94188 2Ed. 5/25/96 LAST NM 45/07 21/08
Add Dangerous wreck [K28] 29° 58′ 44″N 122° 06′ 18″E
(1(2)05 Tianjin)

94188 2Ed. 5/25/96 LAST NM 21/08 22/08
Add Position circle 29° 58′ 22″N 122° 08′ 56″E
Position circle 29° 57′ 57″N 122° 09′ 05″E
Dashed line (overhead power cable) [D26]
"(43)" between above position circles
(2(21)05 Tianjin)

94188 2Ed. 5/25/96 LAST NM 22/08 33/08
Add Light Fl(3) 6s 14m 6M Racon (Y)
29° 34′ 34″N 122° 01′ 07″E
(20(665)08 Tianjin; BA LL)

94188 2Ed. 5/25/96 LAST NM 33/08 52/08
Delete Legend "Works in progress" 29° 56′ 00″N 121° 54′ 06″E

Add Solid line (pier) joining 29° 55′ 30″N 121° 54′ 02″E
29° 55′ 54″N 121° 54′ 06″E
29° 55′ 57″N 121° 53′ 46″E

Solid line (pier) joining 29° 55′ 30″N 121° 54′ 05″E
29° 56′ 02″N 121° 54′ 11″E
29° 56′ 08″N 121° 54′ 21″E

Solid line (pier) between 29° 55′ 54″N 121° 54′ 10″E
29° 55′ 53″N 121° 54′ 19″E

Solid line (pier) between 29° 55′ 44″N 121° 54′ 08″E
29° 55′ 41″N 121° 54′ 23″E

Solid line (pier) between 29° 56′ 08″N 121° 54′ 21″E
29° 56′ 09″N 121° 54′ 12″E

Solid line (pier) between 29° 56′ 08″N 121° 54′ 21″E
29° 56′ 08″N 121° 54′ 30″E

Beacon "2" Y, "X" topmark,
Mo(C) Y 12s 14m 5M 29° 56′ 09″N 121° 54′ 12″E

Beacon "1" R, can topmark, QR 14m 7M
Racon (Q) 29° 56′ 08″N 121° 54′ 30″E

Beacon "3" R, can topmark, Fl R 4s 14m 5M
29° 55′ 41″N 121° 54′ 23″E
Buoy "1" G, pillar, cone topmark, Fl G 4s
29° 55′ 52″N 121° 54′ 52″E
(Cna CH 13385; BA LL)

94188 2Ed. 5/25/96 LAST NM 52/08 6/09
Delete Islet and enclosing danger circle
29° 59′ 57″N 121° 55′ 45″E

Substitute Depth 2 meters Rk [K14] for 5.2 meters
29° 59′ 52″N 121° 55′ 53″E

Add Depth 5.6 meters Wk [K26] 29° 39′ 56″N 122° 01′ 26″E
Depth 5 meters Wk [K26] 29° 40′ 58″N 122° 01′ 00″E
Depth 4.4 meters Wk [K26] 29° 41′ 39″N 122° 01′ 00″E
(45(1614-1616)08 Tianjin)

94188 2Ed. 5/25/96 LAST NM 6/09 10/09
Add Wreck [K29] (PA) 29° 53′ 18″N 122° 12′ 12″E
(Cna CH 13391)

94188 2Ed. 5/25/96 LAST NM 10/09 5/10
Add Dashed line (overhead power cable) [D26]
"(28)" between 29° 51′ 26″N 122° 19′ 03″E
29° 50′ 59″N 122° 19′ 01″E
Dashed line (overhead power cable) [D26]
"(18)" between 29° 50′ 59″N 122° 19′ 01″E
29° 50′ 27″N 122° 18′ 57″E
Dashed line (overhead power cable) [D26]
"(28)" between 29° 50′ 06″N 122° 19′ 12″E
29° 49′ 52″N 122° 18′ 48″E
Dashed line (overhead power cable) [D26]
"(36)" between 29° 49′ 52″N 122° 19′ 18″E
29° 49′ 40″N 122° 18′ 50″E
Dashed line (overhead power cable) [D26]
"(36)" between 29° 46′ 30″N 122° 12′ 55″E
29° 46′ 31″N 122° 12′ 41″E
Dashed line (overhead power cable) [D26]
"(39)" between 29° 46′ 31″N 122° 12′ 41″E
29° 46′ 19″N 122° 12′ 11″E
Dashed line (overhead power cable) [D26]
"(28)" between 29° 46′ 19″N 122° 12′ 11″E
29° 45′ 49″N 122° 11′ 41″E

Legend "Many fishing stakes exist in the
vicinity" 29° 51′ 30″N 122° 06′ 30″E
(Cna CH 13391, 13521)

94188 2Ed. 5/25/96 LAST NM 5/10 39/10
Add Beacon BRB, double ball topmark,
Fl(2) 5s 6m 4M [Q130.4] 29° 51′ 56″N 122° 16′ 42″E

Light Fl 2s 15m 4M 29° 33′ 24″N 122° 04′ 03″E
(4(67, 68)09 Tianjin)

94188 2Ed. 5/25/96 LAST NM 39/10 5/11
Add Buoy "1" R, pillar, can topmark, Fl R 4s AIS
29° 49′ 43″N 122° 10′ 00″E

Buoy "4" YB, pillar, double cone topmark
points downward, VQ(6) + L Fl 10s [Q130.3]
29° 46′ 23″N 122° 00′ 48″E

Buoy "5" BY, pillar, double cone topmark
points upward [Q130.3] 29° 45′ 54″N 122° 00′ 32″E

Light Fl R 4s 10m 7M 29° 50′ 33″N 122° 20′ 41″E

Position circle with purple circle and legend
"AIS" 29° 48′ 00″N 122° 17′ 15″E
(45(1993, 1994)10 Tianjin)

94188 2Ed. 5/25/96 LAST NM 5/11 9/11
Add Light Fl G 4s 9m 5M 29° 58′ 17″N 122° 04′ 19″E
(7(356)10 Tianjin)

94188 2Ed. 5/25/96 LAST NM 9/11 12/11
Add Beacon YB, double cone topmark
points downward, VQ(6) + L Fl 10s 13m 4M
[Q130.3] 29° 58′ 02″N 121° 51′ 34″E
(Cna CH 13385)

94188 2Ed. 5/25/96 LAST NM 12/11 13/11
Delete Depth 14.6 meters 29° 52′ 11″N 122° 07′ 26″E

Add Dangerous wreck [K28] 29° 52′ 10″N 122° 07′ 28″E
Dangerous wreck [K28] (PA) 29° 52′ 04″N 122° 07′ 36″E
(UKHO ARCS 1130-0)

94188 2Ed. 5/25/96 LAST NM 13/11 26/11
Add Light Fl 2s 18m 4M 29° 42′ 42″N 122° 00′ 20″E
(9(176)11 Tianjin)

94188 2Ed. 5/25/96 LAST NM 26/11 34/11
Add Light Fl(2) 6s 25m 10M Racon (B)
29° 52′ 33″N 122° 13′ 50″E
(UKHO ARCS 1126-0)

94188 2Ed. 5/25/96 LAST NM 34/11 40/11
Add Light Fl(2) R 6s 16m 4M 29° 57′ 54″N 122° 22′ 10″E
(37(811)06 Tianjin; UKHO LL)

94188 2Ed. 5/25/96 LAST NM 40/11 18/12
Delete Buoy "5" 29° 45′ 54″N 122° 00′ 32″E

Add Light Fl 2s 12m 4M 29° 45′ 51″N 122° 00′ 32″E
(9(239)12 Tianjin)

94188 2Ed. 5/25/96 LAST NM 18/12 9/13
Add Anchorage area "Mazhi No 1" [N12.2] bound
by purple dashed line joining 29° 54′ 00″N 122° 12′ 45″E
29° 54′ 00″N 122° 13′ 30″E
29° 54′ 32″N 122° 13′ 38″E
29° 55′ 30″N 122° 13′ 19″E
29° 55′ 30″N 122° 12′ 45″E

Anchorage area "Mazhi No 1" [N12.2] bound
by purple dashed line joining 29° 54′ 00″N 122° 13′ 45″E
29° 54′ 00″N 122° 16′ 33″E
29° 55′ 30″N 122° 16′ 33″E
29° 55′ 30″N 122° 13′ 35″E
29° 54′ 32″N 122° 13′ 53″E

Anchorage area "Dangerous Goods" [N12.2]
bound by purple dashed line joining
29° 54′ 00″N 122° 15′ 51″E
29° 54′ 00″N 122° 16′ 33″E
29° 54′ 35″N 122° 16′ 33″E
29° 54′ 35″N 122° 15′ 51″E

Anchorage area "Dangerous Goods" [N12.2]
bound by purple dashed line joining
29° 55′ 30″N 122° 16′ 03″E
29° 55′ 46″N 122° 16′ 03″E
29° 55′ 50″N 122° 15′ 16″E
29° 55′ 50″N 122° 14′ 33″E
29° 55′ 30″N 122° 14′ 33″E

Anchorage area "Mazhi No 2" [N12.2] bound
by purple dashed line joining 29° 52′ 30″N 122° 12′ 15″E
29° 52′ 30″N 122° 13′ 25″E
29° 53′ 19″N 122° 13′ 20″E
29° 53′ 19″N 122° 12′ 31″E
(2(30, 31)07 Tianjin; UKHO ARCS 1126-0)

94188 2Ed. 5/25/96 LAST NM 9/13 34/13
Add Light Fl R 2s 13m 4M 29° 57′ 14″N 122° 07′ 46″E
(27(835)07 Tianjin)

94188 2Ed. 5/25/96 LAST NM 34/13 7/14
Add Submarine cable (power) [L31.1] joining
29° 58′ 22″N 121° 48′ 27″E
29° 58′ 18″N 121° 48′ 39″E
29° 58′ 18″N 121° 48′ 48″E
29° 58′ 07″N 121° 49′ 46″E
29° 57′ 57″N 121° 50′ 57″E
29° 58′ 24″N 121° 51′ 09″E

Submarine cable (power) [L31.1] joining
29° 58′ 22″N 121° 48′ 27″E
29° 58′ 10″N 121° 48′ 43″E
29° 57′ 50″N 121° 50′ 29″E
29° 57′ 48″N 121° 51′ 00″E
29° 57′ 53″N 121° 51′ 13″E
29° 58′ 00″N 121° 51′ 16″E
29° 58′ 24″N 121° 51′ 09″E
(44(1664)13 Tianjin)

★**94201** 1Ed. 5/1/45 NEW CHART 23/45
(USHO)

94201 1Ed. 5/1/45 LAST NM 23/45 7/87
Add Note in lower left margin of chart

"Users should refer corrections,
additions, and comments for
improving this product to:
DIRECTOR, DEFENSE MAPPING
AGENCY HYDROGRAPHIC/
TOPOGRAPHIC CENTER, ATTN:
PR, Washington, D.C. 20315-0030."
(MCNM7880/87)

94201 1Ed. 5/1/45 LAST NM 7/87 1/92
Add Light Fl(2) 6s 51m 9M 29° 25′ 59″N 122° 13′ 02″E
(20(108)91 Tianjin)

94201 1Ed. 5/1/45 LAST NM 1/92 18/96
Add Light
Fl(3) 12s 104m 15M Racon 29° 46′ 21″N 122° 18′ 25″E
Fl(2) 6s 9m 7M 29° 47′ 54″N 122° 14′ 08″E
(4(41)96 Tianjin; Cna CH 9308; Cna LL)

94201 1Ed. 5/1/45 LAST NM 18/96 41/96
Add Dangerous wreck "Rep (1996)" (PA)
29° 33′ 04″N 122° 06′ 01″E
(16(150)96 Tianjin)

94201 1Ed. 5/1/45 LAST NM 41/96 41/97
Change Height of light to
110m 29° 46.4′ N 122° 18.4′ E
17m 29° 47.9′ N 122° 14.1′ E
(16(150)97 Tianjin; Cna LL)

94201 1Ed. 5/1/45 LAST NM 41/97 11/98
Change Light to Fl(2) 10s 53m 16M 29° 26.0′ N 122° 13.0′ E
(2(17)98 Tianjin)

94201 1Ed. 5/1/45 LAST NM 11/98 47/00
Add Dangerous wreck [K28] (PA) 29° 40′ 13″N 122° 02′ 18″E
(18(246)00 Tianjin)

94201 1Ed. 5/1/45 LAST NM 47/00 34/01
Add Dangerous wreck [K28] "Rep (2001)"
29° 43′ 48″N 122° 02′ 30″E
(12(140)01 Tianjin)

94201 1Ed. 5/1/45 LAST NM 34/01 51/02
Add Dangerous wreck [K28] "Rep (2002)" (PA)
29° 20′ 56″N 122° 09′ 48″E
(28(522)02 Tianjin)

94201 1Ed. 5/1/45 LAST NM 51/02 24/03
Add Legend "Numerous fish havens"
29° 33′ 30″N 121° 41′ 42″E
(12(191)03 Tianjin)

94201 1Ed. 5/1/45 LAST NM 24/03 28/03
Add Wreck [K29] "Rep (2003)" (PA)
29° 42′ 50″N 122° 01′ 39″E
(19(368)03 Tianjin)

94201 1Ed. 5/1/45 LAST NM 28/03 28/05
Add Light Fl(3) 10s 51m 10M 29° 25′ 25″N 122° 10′ 18″E
(BA LL)

94201 1Ed. 5/1/45 LAST NM 28/05 38/06
Add Dangerous wreck [K28] (PA) 29° 43′ 15″N 122° 01′ 55″E
(28(602)06 Tianjin)

94201 1Ed. 5/1/45 LAST NM 38/06 3/07
Add Light Fl R 4s 12m 4M Racon (Y)
29° 43′ 31″N 122° 13′ 29″E
(37(815)06 Tianjin; BA LL)

94201 1Ed. 5/1/45 LAST NM 3/07 5/07
Add Light Fl(2) 6s 17m 7M Racon (G)
29° 42′ 31″N 122° 02′ 33″E
(38(846)06 Tianjin; BA LL)

94201 1Ed. 5/1/45 LAST NM 5/07 33/08
Add Light Fl(3) 6s 14m 6M Racon (Y)
29° 34′ 34″N 122° 01′ 07″E
(20(665)08 Tianjin; BA LL)

94201 1Ed. 5/1/45 LAST NM 33/08 26/11
Add Light Fl 2s 18m 4M 29° 42′ 37″N 122° 00′ 09″E
(9(176)11 Tianjin)

94201 1Ed. 5/1/45 LAST NM 26/11 12/13
Add Buoy "2" G, pillar, cone topmark, Fl G 4s
Racon (C) 29° 31′ 15″N 121° 37′ 54″E

Buoy "4" G, pillar, cone topmark, Fl(3) G 10s
29° 30′ 39″N 121° 33′ 33″E
Buoy "5" G, pillar, cone topmark, Fl(3) G 10s
29° 30′ 24″N 121° 31′ 43″E
(15(443)07 Tianjin)

★**94203** 10Ed. 11/21/98 NEW EDITION 9/99
Add Dangerous wreck (PA) 30° 25.08′ N 122° 11.47′ E
(Previously published 50/98)

Delete Legend
"Rep (1996)" 30° 51.1′ N 122° 05.6′ E
"Rep (1996)" 30° 48.5′ N 122° 06.6′ E
"Rep (1996)" 30° 47.5′ N 122° 05.7′ E
"Rep (1995)" 29° 59.4′ N 122° 35.5′ E
"Rep (1996)" 29° 57.5′ N 121° 55.6′ E
"Rep (1996)" 29° 56.6′ N 121° 55.3′ E
(NIMA; 3(24), 5(49)97, 4(33)98 Tianjin)

94203 10Ed. 11/21/98 LAST NM 9/99 13/99
Delete Islet and enclosing danger circle 30° 16.0′ N 122° 30.5′ E

Add Dangerous wreck (PA) 30° 20.68′ N 122° 03.67′ E
(21(200)98 Tianjin; Cna CH 9307)

94203 10Ed. 11/21/98 LAST NM 13/99 17/99
Add Submarine cable between 29° 58.55′ N 121° 48.63′ E
29° 59.20′ N 121° 50.78′ E
(4(47)99 Tianjin)

94203 10Ed. 11/21/98 LAST NM 17/99 23/99
Add Submarine cable
joining 30° 51.8′ N 121° 53.0′ E
30° 51.3′ N 121° 55.2′ E
30° 52.3′ N 122° 09.9′ E
30° 52.5′ N 122° 30.0′ E
joining 30° 52.5′ N 123° 07.0′ E
30° 52.0′ N 123° 10.0′ E
30° 49.2′ N 123° 15.0′ E
(28(2471)98 Taunton)

94203 10Ed. 11/21/98 LAST NM 23/99 47/99
Add Dangerous wreck [K28] (PA) 29° 58′ 49″N 122° 21′ 39″E
(7(92)99 Tianjin)

94203 10Ed. 11/21/98 LAST NM 47/99 39/00
Add Dangerous wreck "Rep (2000)" [K28]
30° 24′ 19″N 122° 36′ 09″E
(14(182)00 Tianjin)

94203 10Ed. 11/21/98 LAST NM 39/00 40/00
Add Foul ground symbol [K31] "Rep (2000)" (PA)
30° 01′ 00″N 121° 59′ 00″E
(15(195)00 Tianjin)

94203 10Ed. 11/21/98 LAST NM 40/00 49/00
Add Dangerous wreck [K28] (PA) 30° 51′ 29″N 122° 09′ 01″E

Submarine pipeline with legend "Gas" [L40.1]
joining 30° 51′ 42″N 121° 50′ 42″E
30° 42′ 48″N 121° 53′ 12″E
30° 33′ 06″N 121° 58′ 30″E
30° 24′ 18″N 122° 12′ 51″E
30° 10′ 03″N 122° 50′ 21″E
30° 07′ 30″N 123° 01′ 00″E
29° 59′ 24″N 123° 15′ 00″E
(20(183, 191)98 Tianjin)

94203 10Ed. 11/21/98 LAST NM 49/00 52/00
Add Submarine pipeline [L40.1] with legend "Gas"
between 30° 22′ 15″N 122° 19′ 22″E
30° 18′ 24″N 122° 13′ 40″E
(3(31)99 Tianjin)

94203 10Ed. 11/21/98 LAST NM 52/00 53/00
Add Dangerous wreck [K28] "Rep (1999)"
30° 39′ 36″N 121° 56′ 48″E

Submarine cable [L30.1] between
30° 18′ 19″N 122° 13′ 44″E
30° 25′ 24″N 122° 17′ 06″E
(10(118), 16(189)99 Tianjin)

94203 10Ed. 11/21/98 LAST NM 53/00 8/01
Change Visibility (range) of light to 18M
30° 35′ 47″N 121° 58′ 05″E
(5(43)00 Tianjin)

94203 10Ed. 11/21/98 LAST NM 8/01 11/01
Add Racon [S3.1] at light 30° 12′ 36″N 122° 35′ 30″E
(2(11)01 Tianjin)

94203 10Ed. 11/21/98 LAST NM 11/01 13/01
Add Dangerous wreck [K28] "Rep (2000)"
30° 40′ 45″N 122° 22′ 47″E
Dangerous wreck [K28] "Rep (2001)"
30° 39′ 36″N 122° 00′ 52″E

Light Fl 4s 74m 18M 29° 59′ 06″N 122° 21′ 54″E
(11(129)00, 2(12), 3(24)01 Tianjin)

94203 10Ed. 11/21/98 LAST NM 13/01 16/01
Add Dangerous wreck [K28] (PA) 30° 06′ 37″N 121° 52′ 12″E
(4(42)01 Tianjin)

94203 10Ed. 11/21/98 LAST NM 16/01 24/01
Delete "Quarantine anchorage" area in vicinity
29° 59′ 47″N 121° 47′ 03″E

Add Position circle 29° 53′ 22″N 121° 56′ 53″E
Position circle 29° 53′ 43″N 121° 56′ 57″E

Dashed line (overhead power cable) [D26]
"(37)" between above position circles
(4(33), 5(44)01 Tianjin)

94203 10Ed. 11/21/98 LAST NM 24/01 28/01
Add "Dangerous Cargo Anchorage" area [N12.7] bound by purple dashed line joining
30° 01′ 12″N 121° 47′ 30″E
30° 02′ 31″N 121° 47′ 30″E
30° 02′ 31″N 121° 45′ 39″E
30° 01′ 12″N 121° 45′ 39″E

Anchorage area [N12.1] bound by purple dashed line joining
30° 01′ 12″N 121° 47′ 30″E
30° 01′ 12″N 121° 45′ 39″E
30° 00′ 31″N 121° 45′ 39″E
30° 00′ 31″N 121° 46′ 35″E
29° 59′ 31″N 121° 46′ 35″E
29° 59′ 31″N 121° 47′ 30″E

"Dangerous Cargo Anchorage" area [N12.7] bound by purple dashed line joining
30° 02′ 30″N 121° 48′ 38″E
30° 01′ 12″N 121° 48′ 38″E
30° 01′ 12″N 121° 50′ 02″E
30° 02′ 00″N 121° 50′ 02″E
30° 02′ 30″N 121° 49′ 34″E

Anchorage area [N12.1] bound by purple dashed line joining
30° 01′ 12″N 121° 50′ 02″E
30° 01′ 12″N 121° 48′ 38″E
30° 00′ 30″N 121° 48′ 38″E
30° 00′ 00″N 121° 49′ 06″E
30° 00′ 00″N 121° 49′ 34″E
30° 00′ 30″N 121° 50′ 02″E
(5(44, 45), 7(64)01 Tianjin)

94203 10Ed. 11/21/98 LAST NM 28/01 46/01
Add Danger circle "Obstn" [K40] 30° 49′ 48″N 122° 03′ 12″E
Dangerous wreck [K28] 30° 35′ 56″N 121° 43′ 27″E
(18(247, 248)01 Tianjin)

94203 10Ed. 11/21/98 LAST NM 46/01 47/01
Add Submarine pipeline (water) [L41.1] joining
30° 00′ 51″N 121° 38′ 26″E
30° 11′ 09″N 121° 52′ 44″E
30° 10′ 20″N 121° 56′ 26″E
(19(260)01 Tianjin)

94203 10Ed. 11/21/98 LAST NM 47/01 48/01
Add Dangerous wreck [K28] "Rep (2000)" (PA)
30° 09′ 07″N 122° 07′ 02″E
(22(330)00 Tianjin)

94203 10Ed. 11/21/98 LAST NM 48/01 22/02
Add Submarine cable [L30.1] joining
30° 50′ 56″N 121° 53′ 22″E
30° 50′ 37″N 121° 54′ 01″E
30° 50′ 24″N 122° 32′ 48″E
30° 52′ 30″N 122° 38′ 32″E
(NTM0012/2002)

94203 10Ed. 11/21/98 LAST NM 22/02 26/02
Add Dangerous wreck [K28] "Rep (2002)"
30° 09′ 30″N 121° 50′ 00″E
Dangerous wreck [K28] "Rep (2002)" (PA)
30° 41′ 21″N 121° 58′ 48″E
(14(263), 16(317)02 Tianjin)

94203 10Ed. 11/21/98 LAST NM 26/02 41/02
Add Submarine cable [L30.1] joining
30° 51′ 19″N 121° 50′ 25″E
30° 51′ 01″N 121° 50′ 28″E
30° 50′ 53″N 121° 52′ 21″E
30° 49′ 53″N 121° 54′ 25″E
30° 49′ 54″N 121° 56′ 03″E
30° 42′ 00″N 122° 25′ 22″E

Light Fl(3) 10s 38m 10M 30° 46′ 26″N 122° 27′ 47″E
Light Fl(3) 10s 35m 10M 30° 40′ 52″N 122° 33′ 17″E
(23(360), 24(375, 384)01 Tianjin; Cna LL)

94203 10Ed. 11/21/98 LAST NM 41/02 42/02
Add Submarine cable [L30.1] joining
30° 50′ 57″N 121° 52′ 58″E
30° 49′ 26″N 122° 28′ 51″E
30° 38′ 01″N 122° 39′ 27″E
30° 38′ 00″N 123° 15′ 00″E

Light Fl(3) 10s 128m 9M 30° 40′ 25″N 122° 24′ 34″E
Light Fl 1.5s 11m 9M 30° 40′ 20″N 122° 26′ 04″E
Light Fl 4s 91m 9M 30° 39′ 58″N 122° 34′ 43″E
Light Fl(2) 6s 72m 9M 30° 37′ 30″N 122° 28′ 19″E

Light Fl(2+1) 9s 129m 15M Racon
30° 38′ 54″N 122° 30′ 37″E
Dangerous wreck [K28] "Rep (2002)" (PA)
30° 44′ 01″N 122° 35′ 31″E
Dangerous wreck [K28] "Rep (2002)"
30° 08′ 13″N 121° 49′ 32″E
(8(108-112), 21(388), 22(425), 29(548)02 Tianjin)

94203 10Ed. 11/21/98 LAST NM 42/02 44/02
Change Visibility (range) of light to 9M
29° 58′ 32″N 121° 48′ 33″E

Add Light Fl(3) 10s 47m 10M 29° 58′ 22″N 121° 47′ 42″E

Stranded wreck [K24] "Rep (2002)" (PA)
30° 17′ 31″N 121° 59′ 22″E
(24(386)01, 3(45), 10(163)02 Tianjin)

94203 10Ed. 11/21/98 LAST NM 44/02 46/02
Add Light Fl 3s 26m 9M 30° 10′ 00″N 122° 06′ 54″E
Light Fl(2) 6s 15m 9M 30° 07′ 10″N 122° 09′ 30″E
(2(10, 11)02 Tianjin; BA LL)

94203 10Ed. 11/21/98 LAST NM 46/02 47/02
Add Dangerous wreck [K28] (PA) 30° 50′ 00″N 122° 35′ 12″E
Dangerous wreck [K28] (PA) 30° 13′ 30″N 121° 56′ 48″E
Dangerous wreck [K28] (PA) 30° 01′ 38″N 122° 34′ 37″E

Dangerous wreck [K28] "Rep (2002)" (PA)
30° 35′ 48″N 121° 43′ 12″E
(12(231, 232), 15(291), 29(554)02 Tianjin)

94203 10Ed. 11/21/98 LAST NM 47/02 52/02
Add Dangerous wreck [K28] "Rep (2002)" (PA)
30° 20′ 54″N 121° 51′ 33″E
Dangerous wreck [K28] "Rep (2002)" (PA)
30° 21′ 38″N 121° 55′ 50″E

Submarine cable [L30.1] joining
30° 04′ 18″N 121° 55′ 30″E
30° 03′ 54″N 121° 54′ 30″E
30° 03′ 48″N 121° 53′ 57″E
(21(387, 391), 38(693)02 Tianjin)

94203 10Ed. 11/21/98 LAST NM 52/02 10/03
Add "Swept to 30m (2002)" area [I24] bound by green dashed line joining 30° 27′ 07″N 122° 45′ 40″E
30° 26′ 10″N 122° 44′ 52″E
30° 24′ 53″N 122° 46′ 52″E
30° 25′ 49″N 122° 47′ 40″E
(28(524)02 Tianjin)

94203 10Ed. 11/21/98 LAST NM 10/03 11/03
Add Dangerous wreck [K28] 30° 30′ 21″N 121° 55′ 00″E
Wreck [K29] (PA) 30° 47′ 03″N 122° 35′ 24″E
(52(975, 976)02 Tianjin)

94203 10Ed. 11/21/98 LAST NM 11/03 24/03
Add "Swept to 30m (2002)" area [I24] bound by existing swept area and green dashed line joining 30° 27′ 00″N 122° 45′ 33″E
30° 27′ 13″N 122° 45′ 12″E
30° 27′ 39″N 122° 45′ 34″E
30° 15′ 47″N 123° 03′ 46″E
30° 15′ 21″N 123° 03′ 24″E
30° 25′ 43″N 122° 47′ 32″E
(See 10/03-94203)
(27(501)02 Tianjin)

94203 10Ed. 11/21/98 LAST NM 24/03 41/03
Add Anchorage area "No 1" [N12.2] bound by dashed line joining 30° 26′ 37″N 122° 45′ 17″E
30° 25′ 19″N 122° 44′ 10″E
30° 24′ 21″N 122° 45′ 40″E
30° 25′ 39″N 122° 46′ 48″E

Anchorage area "No 2" [N12.2] bound by dashed line joining 30° 36′ 12″N 122° 33′ 04″E
30° 37′ 18″N 122° 33′ 04″E
30° 37′ 18″N 122° 35′ 23″E
30° 36′ 12″N 122° 35′ 23″E
(25(494, 495)03 Tianjin)

94203 10Ed. 11/21/98 LAST NM 41/03 42/03
Add Dangerous wreck [K28] "Rep (2003)" (PA)
30° 19′ 05″N 122° 36′ 52″E
(21(399)03 Tianjin)

94203 10Ed. 11/21/98 LAST NM 42/03 8/05
Add Wreck [K29] 29° 52′ 29″N 122° 11′ 49″E
(47(989)04 Tianjin)

94203 10Ed. 11/21/98 LAST NM 8/05 13/05
Add Danger circle [K40] "Obstn Rep (2004)"
30° 28′ 29″N 122° 14′ 43″E
Dangerous wreck (Mast) [K25] (PA)
30° 16′ 40″N 122° 02′ 52″E

Buoy BRB, pillar, double ball topmark,
Fl(2) 5s [Q130.4] 30° 26′ 12″N 122° 04′ 44″E
(37(769, 770)04 Tianjin)

94203 10Ed. 11/21/98 LAST NM 13/05 21/05
Add Dangerous wreck [K28] (PA) 30° 20′ 21″N 121° 52′ 24″E
Dangerous wreck [K28] (PA) 30° 12′ 35″N 121° 52′ 44″E
(2(18), 5(62)05 Tianjin)

94203 10Ed. 11/21/98 LAST NM 21/05 22/05
Add Dangerous wreck [K28] (PA) 30° 08′ 50″N 121° 56′ 27″E
(1(4)05 Tianjin)

94203 10Ed. 11/21/98 LAST NM 22/05 38/06
Add Dangerous wreck [K28] (PA) 29° 56′ 42″N 122° 01′ 19″E
(27(571)06 Tianjin)

94203 10Ed. 11/21/98 LAST NM 38/06 39/06
Add Racon [S3.1] at light 30° 26′ 06″N 122° 31′ 37″E
(27(570)06 Tianjin)

94203 10Ed. 11/21/98 LAST NM 39/06 40/06
Add Racon [S3.1] at light 30° 01′ 03″N 121° 57′ 46″E
(17(324)06 Tianjin)

94203 10Ed. 11/21/98 LAST NM 40/06 45/06
Add Dangerous wreck [K28] (PA) 30° 16′ 33″N 121° 50′ 16″E
(34(753)06 Tianjin)

94203 10Ed. 11/21/98 LAST NM 45/06 50/06
Add Light Fl(2) 5s 17m 10M Racon 30° 43′ 02″N 122° 40′ 00″E
(37(812)06 Tianjin)

94203 10Ed. 11/21/98 LAST NM 50/06 52/06
Change Light to Fl 10s 26m 10M Racon (N)
30° 22′ 19″N 122° 41′ 15″E

Add Light Fl(2) 4s 25m 4M Racon (N)
30° 07′ 05″N 121° 52′ 05″E
(37(813, 814)06 Tianjin; BA LL)

94203 10Ed. 11/21/98 LAST NM 52/06 1/07
Add Light Fl(3) 10s 16m 7M Racon (G)
30° 12′ 28″N 122° 11′ 00″E
(38(844)06 Tianjin)

94203 10Ed. 11/21/98 LAST NM 1/07 3/07
Add Light Fl(3) 12s 37m 10M Racon (Q)
30° 27′ 44″N 122° 14′ 27″E
(37(816)06 Tianjin; BA LL)

94203 10Ed. 11/21/98 LAST NM 3/07 5/07
Add Light Fl(3) 10s 12m 7M Racon (K)
30° 09′ 09″N 122° 07′ 19″E
(38(845)06 Tianjin; BA LL)

94203 10Ed. 11/21/98 LAST NM 5/07 6/07
Add Dangerous wreck [K28] (PA) 30° 42′ 18″N 122° 48′ 15″E
(44(978)06 Tianjin)

94203 10Ed. 11/21/98 LAST NM 6/07 11/07
Delete Dangerous wreck (PA) 30° 12′ 35″N 121° 52′ 44″E

Dangerous wreck "Rep (2002)" (PA)
30° 44′ 00″N 122° 35′ 36″E
(6(82, 83)06 Tianjin)

94203 10Ed. 11/21/98 LAST NM 11/07 12/07
Add Depth 32 meters Wk [K26] 29° 55′ 42″N 122° 50′ 23″E
(5(71)06 Tianjin)

94203 10Ed. 11/21/98 LAST NM 12/07 14/07
Add Dangerous wreck [K28] (PA) 30° 47′ 06″N 122° 45′ 21″E
(4(55)06 Tianjin)

94203 10Ed. 11/21/98 LAST NM 14/07 18/07
Add Dangerous wreck [K28] (PA) 30° 21′ 06″N 122° 44′ 45″E
(1(2)06 Tianjin)

94203 10Ed. 11/21/98 LAST NM 18/07 22/07
Add Wreck [K29] (PA) 29° 56′ 18″N 122° 50′ 27″E
(1(10)06 Tianjin)

94203 10Ed. 11/21/98 LAST NM 22/07 45/07
Add Light Fl 2s 14m 7M 30° 10′ 15″N 122° 40′ 06″E
Light Fl 4s 17m 7M 30° 08′ 38″N 122° 45′ 15″E
Light Fl(4) 12s 8m 4M 30° 10′ 15″N 122° 42′ 53″E
Light Fl(2) 4s 9m 4M 30° 12′ 46″N 122° 38′ 47″E
Light Fl(2) 6s 8m 7M 30° 13′ 45″N 122° 32′ 00″E
Light Fl 2s 14m 3M 30° 11′ 34″N 122° 15′ 05″E
Light Fl(2) 5s 17m 7M Racon (M)
29° 55′ 09″N 122° 17′ 45″E
(23(678-680)07 Tianjin)

94203 10Ed. 11/21/98 LAST NM 45/07 18/08
Add Dangerous wreck [K28] (PA) 30° 21′ 42″N 121° 55′ 15″E
Dangerous wreck [K28] (PA) 30° 20′ 12″N 121° 54′ 09″E
(8(231, 232)08 Tianjin)

94203 10Ed. 11/21/98 LAST NM 18/08 24/08
Add Dangerous wreck [K28] 30° 13′ 51″N 122° 15′ 13″E
(45(1405)07 Tianjin)

94203 10Ed. 11/21/98 LAST NM 24/08 28/08
Add Position circle 30° 05′ 45″N 121° 57′ 10″E
Position circle 30° 05′ 52″N 121° 57′ 43″E

Dashed line (overhead power cable) [D26]
"32m" between above position circles
(2(24)05 Tianjin)

94203 10Ed. 11/21/98 LAST NM 28/08 33/08
Add Beacon BRB, double ball topmark,
Fl(2) 5s 11m 3M [Q130.4] 30° 21′ 31″N 121° 33′ 29″E
(20(666)08 Tianjin)

94203 10Ed. 11/21/98 LAST NM 33/08 6/09
Add Dangerous wreck [K28] (PA) 30° 39′ 40″N 122° 31′ 40″E
(34(1300)08 Tianjin)

94203 10Ed. 11/21/98 LAST NM 6/09 8/09
Add Stranded wreck [K24] (PA) 30° 44′ 30″N 122° 23′ 00″E
(40(871)05 Tianjin)

94203 10Ed. 11/21/98 LAST NM 8/09 9/09
Add Dangerous wreck [K28] (PA) 30° 04′ 48″N 122° 36′ 37″E
(Cna CH 13399)

94203 10Ed. 11/21/98 LAST NM 9/09 10/09
Add Wreck [K29] (PA) 29° 53′ 18″N 122° 12′ 12″E
(Cna CH 13391)

94203 10Ed. 11/21/98 LAST NM 10/09 8/11
Add Danger circle [K1] "Explosives"
30° 24′ 07″N 122° 19′ 30″E
(UKHO ARCS 1124-0)

94203 10Ed. 11/21/98 LAST NM 8/11 9/11
Add Superbuoy [Q26] Y, Mo(O) Y 12s
30° 43′ 00″N 123° 08′ 01″E
(7(355)10 Tianjin)

94203 10Ed. 11/21/98 LAST NM 9/11 11/11
Add Light Fl(2) R 6s 15m 4M 30° 03′ 00″N 121° 49′ 52″E

Buoy BRB, pillar, double ball topmark, Fl(2) 5s
[Q130.4] 30° 01′ 58″N 121° 58′ 00″E

Light Fl 4s 31m 4M 30° 42′ 52″N 122° 44′ 07″E
Light Fl G 4s 27m 4M 30° 41′ 33″N 122° 47′ 40″E
(26(545, 546, 549, 550)05 Tianjin)

94203 10Ed. 11/21/98 LAST NM 11/11 12/11
Add Light Fl(2) 8s 12m 4M 30° 30′ 55″N 122° 15′ 09″E
Light Fl(2) R 6s 27m 4M 30° 13′ 43″N 122° 33′ 11″E
Light Fl R 4s 10m 4M 30° 12′ 15″N 122° 37′ 12″E

Beacon YB, double cone topmark
points downward, VQ(6) + L Fl 10s 13m 4M
[Q130.3] 29° 58′ 02″N 121° 51′ 34″E

Danger circle "Obstn Rep (2010)" [K40] (PA)
30° 07′ 17″N 122° 08′ 52″E
(18(367-369)05, 3(57)11 Tianjin; Cna CH 13385)

94203 10Ed. 11/21/98 LAST NM 12/11 13/11
Change Height of light to 21m 30° 08′ 38″N 122° 45′ 15″E

Add Light Fl WR 3s 9m 18/14M (occas)
30° 46′ 07″N 122° 26′ 35″E
(18(397)04, 2(37)11 Tianjin)

94203 10Ed. 11/21/98 LAST NM 13/11 15/11
Add Racon (Z) [S3.1] to light 30° 35′ 47″N 121° 58′ 05″E
(5(99)04 Tianjin)

94203 10Ed. 11/21/98 LAST NM 15/11 16/11
Add Dangerous wreck [K28] (PA) 30° 31′ 00″N 122° 09′ 00″E
(Cna CH 13341)

94203 10Ed. 11/21/98 LAST NM 16/11 32/11
Change Light to Fl 15s 89m 24M Horn Racon (Y) AIS
30° 51′ 42″N 122° 40′ 18″E
(34(698)04 Tianjin; UKHO LL)

94203 10Ed. 11/21/98 LAST NM 32/11 34/11
Add Light Fl(2) 6s 25m 10M Racon (B)
29° 52′ 33″N 122° 13′ 50″E
(UKHO ARCS 1126-0)

94203 10Ed. 11/21/98 LAST NM 34/11 35/11
Change Light to Fl(2) 20s 27m 15M Horn Racon (O)
30° 20′ 46″N 121° 51′ 36″E

Add Light Q 20m 4M 30° 46′ 14″N 122° 23′ 30″E
(27(577, 579)05 Tianjin)

94203 10Ed. 11/21/98 LAST NM 35/11 40/11
Add Light Fl(3) 10s 13m 4M 30° 12′ 59″N 122° 17′ 07″E
Light Fl 6s 8m 4M 30° 20′ 22″N 121° 59′ 15″E
Light Fl 5s 11m 4M 30° 20′ 36″N 121° 53′ 20″E
Light Fl(3) 8s 9m 4M 30° 21′ 38″N 121° 55′ 51″E
Light Fl 2s 15m 4M 30° 21′ 42″N 122° 03′ 34″E

Buoy BRB, pillar, double ball topmark,
Fl(2) 5s [Q130.4] 30° 16′ 14″N 122° 03′ 21″E
Buoy BRB, pillar, double ball topmark,
Fl(2) 5s [Q130.4] 30° 21′ 18″N 122° 11′ 39″E
Buoy BRB, pillar, double ball topmark,
Fl(2) 5s [Q130.4] 30° 30′ 03″N 122° 20′ 06″E
(31(668)05, 42(939, 940)06, 51(1169)06 Tianjin)

94203 10Ed. 11/21/98 LAST NM 40/11 41/11
Add Light Fl 10s 100m 18M 30° 35′ 37″N 122° 05′ 07″E
(33(726)06 Tianjin)

94203 10Ed. 11/21/98 LAST NM 41/11 4/12
Add Light float [Q31] "Huangze Yang" R,
Fl 6s 10M Bell Racon (X) AIS 30° 30′ 12″N 122° 32′ 51″E
(13(227)06 Tianjin; UKHO ARCS 1199-0)

94203 10Ed. 11/21/98 LAST NM 4/12 8/12
Add Light Fl(3) 10s 29m 10M 30° 29′ 08″N 122° 24′ 44″E
Light Fl(2) 6s 35m 10M 30° 31′ 47″N 122° 20′ 27″E
Light Fl 4s 40m 10M 30° 34′ 55″N 122° 08′ 58″E
Light Fl(2) 6s 35m 10M 30° 35′ 15″N 122° 07′ 37″E
(27(566-568)06 Tianjin)

94203 10Ed. 11/21/98 LAST NM 8/12 22/12
Add Light Fl(2) 6s 55m 7M 30° 15′ 01″N 121° 43′ 18″E
(45(1407)07 Tianjin)

94203 10Ed. 11/21/98 LAST NM 22/12 8/13
Delete Dangerous wreck "Rep (1999)"
30° 39′ 36″N 121° 56′ 48″E

Add Depth 6.1 meters Wk [K26] 30° 39′ 41″N 121° 56′ 59″E
(15(413)12 Tianjin)

94203 10Ed. 11/21/98 LAST NM 8/13 9/13
Add Buoy "Y36" RW, pillar, ball topmark, Iso 4s
AIS [Q130.5] 30° 46′ 40″N 122° 09′ 37″E

Submarine cable (power) [L31.1] joining
30° 27′ 56″N 122° 20′ 06″E
30° 29′ 05″N 122° 20′ 12″E
30° 29′ 43″N 122° 20′ 24″E
30° 30′ 14″N 122° 21′ 10″E
30° 32′ 24″N 122° 22′ 55″E
30° 33′ 00″N 122° 23′ 09″E
30° 33′ 52″N 122° 23′ 30″E
30° 35′ 14″N 122° 22′ 38″E
30° 36′ 42″N 122° 22′ 33″E
30° 38′ 19″N 122° 21′ 38″E
30° 41′ 06″N 122° 22′ 19″E
30° 41′ 58″N 122° 25′ 26″E
(31(1083, 1084)11, 33(1206)12 Tianjin; UKHO ARCS 1124-0)

94203 10Ed. 11/21/98 LAST NM 9/13 10/13
Add Depth 9.4 meters 30° 21′ 31″N 122° 05′ 39″E
Depth 9.6 meters 30° 21′ 19″N 122° 06′ 14″E

Light Fl(4) 15s 160m 15M Racon (C)
30° 31′ 33″N 122° 15′ 53″E

Pole [Q90] 30° 31′ 45″N 122° 15′ 15″E
Depth 16.5 meters Wk [K26] 30° 39′ 19″N 122° 36′ 51″E
(43(5184)10 Taunton; 23(760)11 Tianjin; UKHO ARCS 1124-0, 1134-0)

94203 10Ed. 11/21/98 LAST NM 10/13 12/13
Change Light to Fl 6s 58m 16M Racon (K)
30° 44′ 02″N 123° 08′ 30″E

Add Light Fl 6s 27m 10M AIS 30° 48′ 26″N 122° 36′ 25″E
Light Fl(2) 6s 11m 7M 30° 41′ 26″N 122° 46′ 31″E
Light Fl(2) 10s 27 8M 30° 46′ 23″N 122° 47′ 48″E

Light Fl WR 12s 52m 14/8M with sectors white
220°-341°, red-359°, white-081°
30° 42′ 14″N 122° 49′ 56″E

Dangerous wreck [K28] (PA) 30° 40′ 13″N 122° 54′ 11″E

Submarine cable [L30.1] joining
30° 48′ 58″N 122° 38′ 42″E
30° 49′ 02″N 122° 39′ 36″E
30° 50′ 41″N 122° 40′ 01″E
30° 50′ 49″N 122° 40′ 15″E

Submarine cable [L30.1] joining
30° 43′ 37″N 122° 27′ 41″E
30° 43′ 47″N 122° 28′ 22″E
30° 45′ 10″N 122° 31′ 02″E
30° 48′ 33″N 122° 34′ 45″E
30° 48′ 43″N 122° 35′ 59″E

Purple composite line joining 30° 43′ 44″N 122° 27′ 43″E
30° 44′ 44″N 122° 29′ 22″E
30° 44′ 58″N 122° 30′ 16″E
30° 44′ 52″N 122° 42′ 32″E
30° 45′ 14″N 122° 42′ 00″E
30° 50′ 39″N 122° 40′ 25″E

Purple composite line joining 30° 42′ 52″N 122° 28′ 41″E
30° 43′ 42″N 122° 29′ 45″E
30° 43′ 52″N 122° 30′ 17″E
30° 43′ 46″N 122° 44′ 21″E
30° 42′ 46″N 122° 44′ 38″E

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94203 (Continued) 12/13

Purple composite line joining 30° 50′ 43″N 122° 41′ 40″E
30° 45′ 52″N 122° 43′ 01″E
30° 45′ 16″N 122° 44′ 08″E
30° 45′ 13″N 122° 48′ 18″E
30° 44′ 45″N 122° 48′ 52″E
30° 43′ 52″N 122° 48′ 48″E

Legend "ANCHORING AND FISHING PROHIBITED" 30° 44′ 30″N 122° 37′ 42″E

(UKHO ARCS 1124-0, 1199-0, 1199-1)

94203 10Ed. 11/21/98 LAST NM 12/13 13/13

Delete "ANCHORING AND FISHING PROHIBITED" area in vicinity 30° 39′ 04″N 122° 21′ 19″E

"ANCHORING AND FISHING PROHIBITED" area between 30° 51′ 31″N 121° 51′ 34″E
30° 35′ 28″N 122° 04′ 01″E

Substitute Swept depth 15.7 meters Wk [K27] for 14 meters Wk 30° 34′ 50″N 122° 25′ 26″E
Swept depth 20.6 meters Wk [K27] for dangerous wreck "Rep (2000)" 30° 40′ 45″N 122° 22′ 47″E

Add Light Fl(4) 10s 29m 7M Racon (G)
30° 37′ 53″N 122° 16′ 23″E

Submarine cable [L30.1] joining
30° 41′ 47″N 122° 27′ 42″E
30° 41′ 28″N 122° 27′ 48″E
30° 36′ 58″N 122° 26′ 36″E
30° 34′ 02″N 122° 23′ 51″E
30° 30′ 44″N 122° 22′ 23″E
30° 29′ 27″N 122° 20′ 40″E
30° 27′ 54″N 122° 20′ 17″E

Light Fl(2) 8s 8M Racon (M) 30° 39′ 50″N 122° 26′ 04″E

Purple composite line joining 30° 41′ 34″N 122° 27′ 32″E
30° 40′ 36″N 122° 29′ 04″E
30° 36′ 40″N 122° 28′ 58″E
30° 29′ 19″N 122° 22′ 24″E

Purple composite line joining 30° 29′ 08″N 122° 21′ 59″E
30° 29′ 01″N 122° 21′ 48″E
30° 28′ 39″N 122° 22′ 06″E

Purple composite line joining 30° 42′ 14″N 122° 28′ 41″E
30° 41′ 11″N 122° 30′ 18″E
30° 36′ 15″N 122° 30′ 11″E
30° 28′ 34″N 122° 23′ 22″E
30° 28′ 19″N 122° 22′ 46″E

Legend "ANCHORING AND FISHING PROHIBITED" 30° 33′ 40″N 122° 27′ 05″E

Land tint to area bound by shore and solid line joining 30° 40′ 30″N 122° 24′ 51″E
30° 40′ 22″N 122° 24′ 51″E
30° 40′ 22″N 122° 25′ 25″E

Solid line (breakwater) [F4.1] joining
30° 40′ 22″N 122° 24′ 51″E
30° 40′ 09″N 122° 24′ 48″E
30° 40′ 10″N 122° 25′ 18″E

Solid line (breakwater) [F4.1] joining
30° 40′ 14″N 122° 24′ 47″E
30° 40′ 15″N 122° 24′ 35″E
30° 40′ 23″N 122° 24′ 18″E

Swept depth 31 meters Wk [K27]
30° 36′ 32″N 122° 24′ 48″E

Stranded wreck [K24] 30° 44′ 56″N 122° 26′ 30″E

(UKHO ARCS 1134-0, 1144-0, 1199-0)

94203 10Ed. 11/21/98 LAST NM 13/13 14/13

Delete Depth 4.7 meters 30° 50′ 42″N 121° 49′ 49″E

Add Land tint to area bound by shore, chart border and solid line [F13] joining 30° 48′ 40″N 121° 32′ 00″E
30° 49′ 17″N 121° 34′ 11″E
30° 49′ 36″N 121° 34′ 08″E
and delete all hydrography within above area

Land tint to area bound by shore, pier and solid line [F13] joining 30° 51′ 13″N 121° 46′ 58″E
30° 51′ 05″N 121° 47′ 03″E
30° 51′ 05″N 121° 48′ 06″E
30° 50′ 59″N 121° 48′ 06″E
30° 50′ 51″N 121° 48′ 17″E
30° 50′ 44″N 121° 50′ 08″E
30° 50′ 52″N 121° 50′ 24″E
30° 50′ 53″N 121° 50′ 46″E
30° 51′ 04″N 121° 50′ 44″E
and delete all hydrography within above area

Land tint to area bound by shore, chart border and solid line [F13] joining 30° 51′ 21″N 121° 50′ 46″E
30° 51′ 04″N 121° 50′ 55″E
30° 50′ 56″N 121° 53′ 22″E
30° 52′ 30″N 121° 57′ 17″E
and delete all hydrography within above area

Double solid line with land tint (bridge) [D22] and legend "Donghai Bridge" joining
30° 51′ 29″N 121° 54′ 37″E
30° 51′ 02″N 121° 55′ 00″E
30° 45′ 01″N 121° 58′ 25″E
30° 44′ 40″N 121° 58′ 31″E
30° 42′ 34″N 121° 58′ 32″E
30° 42′ 02″N 121° 58′ 41″E
30° 39′ 40″N 122° 00′ 37″E
30° 39′ 19″N 122° 02′ 07″E
30° 38′ 40″N 122° 02′ 59″E
30° 37′ 22″N 122° 05′ 13″E
30° 36′ 50″N 122° 06′ 27″E
30° 36′ 23″N 122° 06′ 21″E

Submarine pipeline [L40.1] with legend "Gas" joining 30° 51′ 37″N 121° 54′ 58″E
30° 44′ 47″N 122° 03′ 42″E
30° 44′ 40″N 122° 03′ 51″E
30° 38′ 29″N 122° 06′ 39″E
30° 37′ 29″N 122° 06′ 43″E
30° 36′ 51″N 122° 06′ 28″E

Superbuoy [Q26] "Donghai bridge" RW, Fl 6s 10M Racon (Q) AIS 30° 40′ 34″N 121° 54′ 30″E

Light Fl Y 4s 11m 5M 30° 50′ 39″N 121° 50′ 36″E
Swept depth 4.4 meters Wk [K27]
30° 47′ 06″N 121° 56′ 57″E
Depth 2.7 meters Wk [K26] 30° 41′ 11″N 121° 57′ 33″E

(UKHO ARCS 1124-0, 1143-0, 1144-0)

94203 10Ed. 11/21/98 LAST NM 14/13 15/13

Delete Dangerous wreck "Rep (1994)" (PA)
30° 44′ 16″N 122° 00′ 06″E

Add Submarine cable [L30.1] joining
30° 51′ 01″N 121° 51′ 56″E
30° 44′ 08″N 121° 55′ 07″E
30° 43′ 12″N 121° 56′ 08″E
30° 41′ 49″N 121° 56′ 57″E
30° 40′ 15″N 121° 57′ 49″E
30° 39′ 37″N 121° 58′ 04″E
30° 36′ 39″N 121° 59′ 46″E
30° 36′ 01″N 122° 02′ 56″E
30° 35′ 45″N 122° 03′ 35″E

Swept depth 5.5 meters Wk [K27]
30° 44′ 09″N 122° 00′ 35″E

Light FG 30° 49′ 40″N 121° 55′ 47″E
Light FG 30° 46′ 47″N 121° 57′ 25″E
Light FG Racon (B) AIS 30° 43′ 29″N 121° 58′ 31″E
Light 2FG 30° 40′ 26″N 121° 59′ 59″E

Light Fl(2) 8s 52m 10M Racon (Y) AIS
30° 42′ 46″N 122° 03′ 02″E

Beacon BRB, double ball topmark, Fl(2) 5s 11m 3M [Q130.4] 30° 40′ 35″N 121° 59′ 52″E

(UKHO ARCS 1124-0, 1144-0)

94203 10Ed. 11/21/98 LAST NM 15/13 16/13

Delete Buoy "S No 1" 30° 47′ 28″N 122° 06′ 40″E

Add Light Fl 4s 26m 7M 30° 34′ 05″N 122° 08′ 24″E
Anchorage symbol [N10] 30° 43′ 01″N 122° 24′ 10″E

Area to be avoided [M29.1] bound by purple composite line joining 30° 51′ 48″N 121° 55′ 30″E
30° 47′ 54″N 122° 05′ 57″E
30° 52′ 30″N 122° 07′ 39″E
Note: Area extends beyond chart border

Buoy "No 0" Y, pillar, "X" topmark, Mo(P) Y 12s AIS [Q130.6] 30° 47′ 54″N 122° 05′ 57″E

(continued on next page)

94203 (Continued) 16/13

Purple composite line (entry prohibited area limit) [N2.2] between
30° 51′ 16″N 121° 54′ 06″E
30° 49′ 36″N 121° 55′ 06″E

Purple composite line (entry prohibited area limit) [N2.2] between
30° 51′ 46″N 121° 55′ 17″E
30° 49′ 56″N 121° 56′ 20″E

Dashed line (fairway limit) [N1.1] joining
30° 49′ 36″N 121° 55′ 00″E
30° 49′ 37″N 121° 55′ 21″E
30° 49′ 40″N 121° 55′ 48″E
30° 49′ 47″N 121° 56′ 08″E
30° 50′ 01″N 121° 56′ 27″E

Dashed line (fairway limit) [N1.1] joining
30° 49′ 16″N 121° 55′ 07″E
30° 49′ 26″N 121° 55′ 25″E
30° 49′ 35″N 121° 55′ 51″E
30° 49′ 38″N 121° 56′ 06″E
30° 49′ 40″N 121° 56′ 36″E

Buoy "B4-8" R, pillar, can topmark, Fl(3) R 10s 30° 49′ 16″N 121° 55′ 07″E
Buoy "B4-1" G, pillar, cone topmark, Fl(3) G 10s 30° 50′ 01″N 121° 56′ 27″E

Purple composite line (entry prohibited area limit) [N2.2] between
30° 49′ 19″N 121° 55′ 16″E
30° 46′ 41″N 121° 56′ 51″E

Purple composite line (entry prohibited area limit) [N2.2] between
30° 49′ 40″N 121° 56′ 30″E
30° 47′ 11″N 121° 57′ 58″E

Dashed line (fairway limit) [N1.1] joining
30° 46′ 37″N 121° 56′ 37″E
30° 46′ 41″N 121° 56′ 51″E
30° 46′ 53″N 121° 57′ 25″E
30° 47′ 13″N 121° 58′ 04″E

Dashed line (fairway limit) [N1.1] joining
30° 46′ 22″N 121° 56′ 48″E
30° 46′ 33″N 121° 57′ 06″E
30° 46′ 58″N 121° 58′ 06″E
30° 46′ 58″N 121° 58′ 14″E

Buoy "B3-8" R, pillar, can topmark, Fl(2) R 6s 30° 46′ 22″N 121° 56′ 48″E
Buoy "B3-1" G, pillar, cone topmark, Fl(2) G 6s 30° 47′ 13″N 121° 58′ 04″E

Purple composite line (entry prohibited area limit) [N2.2] joining
30° 43′ 22″N 121° 57′ 53″E
30° 42′ 48″N 121° 57′ 52″E
30° 42′ 21″N 121° 57′ 54″E
30° 42′ 04″N 121° 57′ 59″E
30° 41′ 46″N 121° 58′ 08″E
30° 41′ 30″N 121° 58′ 18″E
30° 40′ 40″N 121° 58′ 58″E

Purple composite line (entry prohibited area limit) [N2.2] joining
30° 43′ 21″N 121° 59′ 08″E
30° 42′ 59″N 121° 59′ 09″E
30° 42′ 38″N 121° 59′ 10″E
30° 42′ 15″N 121° 59′ 16″E
30° 42′ 01″N 121° 59′ 25″E
30° 41′ 46″N 121° 59′ 36″E
30° 40′ 32″N 122° 00′ 37″E

Dashed line (fairway limit) [N1.1] between
30° 43′ 39″N 121° 56′ 16″E
30° 43′ 34″N 122° 01′ 04″E

Dashed line (fairway limit) [N1.1] between
30° 43′ 23″N 121° 56′ 23″E
30° 43′ 18″N 122° 01′ 09″E

Buoy "B2-21" G, pillar, cone topmark, Fl G 4s 30° 43′ 39″N 121° 56′ 16″E
Buoy "B2-20" R, pillar, can topmark, Fl R 4s 30° 43′ 23″N 121° 56′ 23″E
Buoy "B2-7" G, pillar, cone topmark, Fl G 4s 30° 43′ 34″N 122° 01′ 04″E
Buoy "B2-6" R, pillar, can topmark, Fl R 4s 30° 43′ 18″N 122° 01′ 09″E

Purple composite line (entry prohibited area limit) [N2.2] joining
30° 40′ 26″N 121° 59′ 09″E
30° 39′ 41″N 121° 59′ 45″E
30° 39′ 28″N 121° 59′ 59″E
30° 39′ 16″N 122° 00′ 17″E
30° 39′ 09″N 122° 00′ 35″E
30° 39′ 01″N 122° 01′ 04″E
30° 38′ 59″N 122° 01′ 26″E
30° 38′ 56″N 122° 01′ 34″E
30° 38′ 49″N 122° 01′ 51″E
30° 38′ 27″N 122° 02′ 17″E

Purple composite line (entry prohibited area limit) [N2.2] joining
30° 40′ 18″N 122° 00′ 50″E
30° 40′ 15″N 122° 00′ 54″E
30° 40′ 07″N 122° 01′ 12″E
30° 40′ 01″N 122° 01′ 50″E
30° 39′ 52″N 122° 02′ 15″E
30° 39′ 47″N 122° 02′ 24″E
30° 39′ 12″N 122° 03′ 14″E
30° 39′ 06″N 122° 03′ 25″E
30° 38′ 56″N 122° 03′ 52″E
30° 38′ 50″N 122° 04′ 11″E

Dashed line (fairway limit) [N1.1] joining
30° 40′ 40″N 121° 59′ 00″E
30° 40′ 35″N 121° 59′ 36″E
30° 40′ 33″N 122° 00′ 10″E
30° 40′ 31″N 122° 00′ 49″E

Dashed line (fairway limit) [N1.1] joining
30° 40′ 27″N 121° 58′ 57″E
30° 40′ 26″N 121° 59′ 35″E
30° 40′ 23″N 122° 00′ 10″E
30° 40′ 19″N 122° 00′ 48″E

Buoy "B1-8" R, pillar, can topmark, Fl(3) R 10s 30° 40′ 27″N 121° 58′ 57″E
Buoy "B1-1" G, pillar, cone topmark, Fl(3) G 10s 30° 40′ 31″N 122° 00′ 49″E

Submarine pipeline [L40.1] with legend "Oil and Gas" joining
30° 51′ 03″N 121° 51′ 14″E
30° 40′ 01″N 121° 55′ 51″E
30° 33′ 09″N 121° 58′ 43″E
30° 30′ 05″N 122° 04′ 57″E

(3(49)07 Tianjin; UKHO ARCS 1124-0, 1134-0, 1144-0)

94203 10Ed. 11/21/98 LAST NM 16/13 17/13

Substitute Danger circle [K1] "Explosives" for danger circle "Obstn" 30° 30′ 18″N 122° 50′ 15″E

Add Buoy "A0" RW, pillar, ball topmark, Iso 4s AIS [Q130.5] 30° 48′ 38″N 122° 09′ 08″E
Buoy "B2-1" RW, pillar, ball topmark, Iso 4s [Q130.5] 30° 47′ 52″N 122° 08′ 07″E
Buoy "B2-3" RW, pillar, ball topmark, Iso 4s [Q130.5] 30° 46′ 06″N 122° 05′ 18″E
Buoy "B2-5" RW, pillar, ball topmark, Iso 4s [Q130.5] 30° 44′ 19″N 122° 02′ 32″E

AIS [S17.1] to light 30° 35′ 37″N 122° 05′ 07″E

Submarine cable [L30.1] joining
30° 36′ 58″N 122° 08′ 30″E
30° 37′ 01″N 122° 09′ 00″E
30° 37′ 08″N 122° 10′ 10″E
30° 37′ 22″N 122° 10′ 35″E
30° 37′ 55″N 122° 14′ 09″E
30° 38′ 18″N 122° 14′ 36″E
30° 39′ 15″N 122° 16′ 45″E
30° 39′ 47″N 122° 17′ 03″E
30° 40′ 18″N 122° 17′ 31″E
30° 41′ 51″N 122° 23′ 41″E
30° 41′ 59″N 122° 25′ 27″E

"Spoil Ground" area [N62.1] bound by dashed line joining
30° 36′ 41″N 122° 18′ 56″E
30° 35′ 12″N 122° 17′ 40″E
30° 34′ 43″N 122° 18′ 24″E
30° 36′ 13″N 122° 19′ 40″E

Buoy "H54" Y, pillar, "X" topmark, Mo(O) Y 12s [Q130.6] 30° 36′ 41″N 122° 18′ 56″E
Buoy "H53" Y, pillar, "X" topmark, Mo(O) Y 12s [Q130.6] 30° 34′ 43″N 122° 18′ 24″E

Pilot station symbol [T1.2] with legend "No 2" 30° 33′ 02″N 122° 22′ 02″E

Buoy Y, pillar, "X" topmark, Mo(O) Y 12s AIS [Q130.6] 30° 33′ 01″N 122° 22′ 05″E

Danger circle "Obstn" [K40] 30° 38′ 06″N 122° 24′ 32″E
Depth 43 meters Wk [K26] 30° 37′ 53″N 122° 27′ 35″E
Pilot station symbol [T1.1] 30° 19′ 38″N 122° 17′ 46″E
Dangerous wreck [K28] 30° 18′ 54″N 122° 16′ 11″E

(continued on next page)

94203 (Continued) 17/13

Quarantine anchorage area "No 1" [N12.8]
bound by purple dashed line joining
30° 30′ 00″N 122° 28′ 34″E
30° 28′ 00″N 122° 28′ 34″E
30° 28′ 00″N 122° 30′ 28″E
30° 30′ 00″N 122° 30′ 28″E

Pilot station symbol [T1.1] 30° 29′ 25″N 122° 29′ 06″E

Superbuoy [Q26] "Huangzeyang" R, Fl 6s 10M
BELL Racon (X) AIS 30° 30′ 15″N 122° 32′ 51″E

Anchorage and fishing prohibited area bound
by purple composite-line circle,
radius 0.45 mile, centered 30° 31′ 18″N 122° 42′ 17″E

Pilot station symbol [T1.1] 30° 25′ 26″N 122° 46′ 18″E

Danger circle [K1] "Explosives"
30° 32′ 20″N 122° 48′ 14″E
Danger circle [K1] "Explosives"
30° 32′ 18″N 122° 52′ 36″E
Danger circle [K1] "Explosives"
30° 30′ 43″N 122° 47′ 14″E
Danger circle [K1] "Explosives"
30° 30′ 12″N 122° 47′ 33″E
Danger circle [K1] "Explosives"
30° 28′ 31″N 122° 48′ 46″E
Danger circle [K1] "Explosives"
30° 28′ 24″N 122° 46′ 14″E
Danger circle [K1] "Explosives"
30° 23′ 11″N 122° 57′ 44″E
(UKHO ARCS 1124-0, 1134-0, 1144-0, 1199-0)

94203 10Ed. 11/21/98 LAST NM 17/13 34/13
Add Buoy R, pillar, can topmark, Fl(2) R 6s
30° 06′ 58″N 122° 14′ 12″E
Light Fl(3) 10s 8m 4M 30° 03′ 21″N 122° 18′ 59″E
(23(687), 27(833)07 Tianjin)

94203 10Ed. 11/21/98 LAST NM 34/13 35/13
Add Light Fl 2s 32m 15M Racon (M) AIS
30° 10′ 12″N 122° 56′ 41″E

Anchorage area [N12.1] bound by purple
dashed line joining 30° 00′ 15″N 121° 58′ 46″E
30° 01′ 17″N 121° 59′ 46″E
30° 00′ 37″N 122° 00′ 25″E
30° 00′ 01″N 121° 59′ 43″E

Pilot station symbol [T1.1] 30° 00′ 25″N 121° 59′ 34″E
Light Fl 3s 26m 7M Racon (B) 30° 07′ 30″N 122° 10′ 09″E
Light Fl(2) 6s 11m 7M 30° 13′ 47″N 122° 25′ 48″E
Buoy YBY, pillar, double cone topmark points
together, Q(9) 15s [Q130.3] 30° 29′ 35″N 122° 16′ 33″E
(23(688, 689, 693), 29(903)07, 24(891)13 Tianjin;
UKHO ARCS 1126-0; UKHO LL)

94203 10Ed. 11/21/98 LAST NM 35/13 36/13
Add Dangerous wreck [K28] (PA) 29° 56′ 18″N 122° 45′ 06″E
(28(3089)13 Taunton)

94203 10Ed. 11/21/98 LAST NM 36/13 39/13
Add Light Fl(4) 12s 11m 4M 30° 40′ 59″N 122° 28′ 19″E
Light Fl 2s 14m 4M 30° 41′ 53″N 122° 31′ 10″E
Light Fl(4) 10s 10m 7M 30° 46′ 42″N 122° 26′ 56″E
(17(519)07 Tianjin)

94203 10Ed. 11/21/98 LAST NM 39/13 41/13
Add Light Fl(2) 8s 9m 3M 30° 28′ 49″N 122° 22′ 11″E
(35(1302)12 Tianjin)

94203 10Ed. 11/21/98 LAST NM 41/13 45/13
Add Stranded wreck [K24] "Rep (2005)" (PA)
30° 26′ 06″N 122° 04′ 52″E
AIS [S17.2] to buoy 30° 26′ 12″N 122° 04′ 44″E
(7(182)12 Tianjin; Cna CH 13339)

94203 10Ed. 11/21/98 LAST NM 45/13 52/13
Change Light to QG 10m 7M AIS 29° 58′ 40″N 121° 45′ 21″E
Light to Fl 5s 52m 18M Siren Racon (B) AIS
30° 00′ 02″N 121° 45′ 37″E

Add Dangerous wreck [K28] (ED) 29° 57′ 54″N 121° 50′ 15″E
Light Fl 4s 21m 7M 29° 58′ 24″N 121° 50′ 53″E
Light Fl(2) 4s 15m 10M 30° 00′ 00″N 121° 55′ 46″E
Depth 27.4 meters Wk [K26] 30° 00′ 11″N 121° 49′ 33″E

Land tint to area bound by shore and solid line
[F13] joining 30° 10′ 05″N 121° 32′ 00″E
30° 10′ 03″N 121° 32′ 35″E
30° 10′ 17″N 121° 32′ 57″E
30° 05′ 30″N 121° 36′ 13″E
30° 01′ 43″N 121° 39′ 06″E
30° 00′ 27″N 121° 40′ 05″E
29° 59′ 56″N 121° 40′ 43″E
29° 59′ 23″N 121° 41′ 46″E
29° 58′ 57″N 121° 42′ 46″E
29° 58′ 41″N 121° 43′ 52″E
29° 58′ 46″N 121° 43′ 57″E
29° 58′ 52″N 121° 44′ 47″E
29° 58′ 52″N 121° 44′ 52″E
and delete all hydrography and topography
within above area

Double solid line with land tint (bridge) [D22]
joining 30° 03′ 31″N 121° 50′ 39″E
30° 03′ 42″N 121° 49′ 18″E
30° 03′ 32″N 121° 46′ 47″E
30° 03′ 29″N 121° 46′ 24″E
30° 03′ 16″N 121° 45′ 48″E
30° 00′ 37″N 121° 40′ 25″E
30° 00′ 19″N 121° 40′ 01″E

Light FG Racon (Q) AIS 30° 03′ 39″N 121° 48′ 17″E
(29(1011)11 Tianjin; UKHO ARCS 1124-0, 1199-0, 1592-0; Cna LL)

94203 10Ed. 11/21/98 LAST NM 52/13 7/14
Add Submarine cable (power) [L31.1] joining
29° 58′ 22″N 121° 48′ 27″E
29° 58′ 18″N 121° 48′ 39″E
29° 57′ 57″N 121° 50′ 57″E
29° 58′ 03″N 121° 51′ 06″E
29° 58′ 24″N 121° 51′ 09″E

Submarine cable (power) [L31.1] joining
29° 58′ 22″N 121° 48′ 27″E
29° 58′ 10″N 121° 48′ 43″E
29° 57′ 53″N 121° 50′ 04″E
29° 57′ 50″N 121° 50′ 29″E
29° 57′ 48″N 121° 51′ 00″E
29° 57′ 53″N 121° 51′ 13″E
29° 58′ 00″N 121° 51′ 16″E
29° 58′ 24″N 121° 51′ 09″E
(44(1664)13 Tianjin)

94203 10Ed. 11/21/98 LAST NM 7/14 8/14
Delete Wreck (PA) 30° 47′ 03″N 122° 35′ 24″E

Substitute Depth 6.7 meters for 7.1 meters
30° 46′ 54″N 121° 44′ 50″E
Depth 10.8 meters Rk [K14.1] for 6 meters
30° 09′ 27″N 122° 01′ 24″E
Depth 10.1 meters Rk [K14.1] for 2.9 meters
30° 09′ 28″N 122° 02′ 06″E
and delete blue tint and enclosing dotted-line
circle

Change Height of light to 14m 30° 41′ 26″N 122° 46′ 31″E
(See 12/13-94203)

Add Depth 31 meters Wk [K26] 30° 47′ 12″N 122° 35′ 25″E
(34(1257), 36(1367), 37(1396), 43(1597)13 Tianjin)

★**94206** 3Ed. 3/8/86 NEW EDITION 25/86
(DMAHTC)

94206 3Ed. 3/8/86 LAST NM 25/86 45/86
Delete Stranded wrecks 30° 47.7′ N 122° 01.8′ E
30° 45.8′ N 122° 02.0′ E
30° 42.8′ N 121° 59.7′ E

Dangerous wrecks 30° 36.1′ N 121° 54.8′ E
30° 21.5′ N 121° 47.9′ E

Danger circle "Obstr" 30° 43.2′ N 121° 57.1′ E

Add Depth 3 fathoms 4 feet Wk 30° 45′ 42″N 122° 01′ 35″E
Danger circle "Obstr" 30° 23′ 12″N 121° 49′ 21″E
Dangerous wreck 30° 21′ 15″N 121° 47′ 24″E
(10(65-68)86 China)

94206 3Ed. 3/8/86 LAST NM 45/86 10/87
Delete Dangerous wreck 30° 19.2′ N 121° 49.5′ E
Depths
7 fathoms 30° 15.0′ N 122° 01.5′ E
6 fathoms 30° 14.8′ N 122° 01.7′ E

Add Depths
½ fathom 30° 14.9′ N 122° 01.6′ E
2½ fathoms 30° 30.4′ N 121° 23.2′ E
(Cna CH 9434, 9307)

94206 3Ed. 3/8/86 LAST NM 10/87 17/87
Delete Stranded wreck 30° 42.4′ N 122° 02.6′ E
Dangerous wreck "(1942)" 30° 36.7′ N 121° 55.6′ E

Add Legend "(1942)" to dangerous wreck
30° 38.2′ N 121° 55.0′ E
(Cna CH 9433)

94206 3Ed. 3/8/86 LAST NM 17/87 51/87
Change Height of light to 98ft 30° 39.6′ N 122° 00.3′ E
(19(119)87 Tianjin)

94206 3Ed. 3/8/86 LAST NM 51/87 8/90
Change Height of light to 98ft 30° 35.8′ N 121° 57.7′ E

Add Dangerous wreck 30° 49.3′ N 122° 05.2′ E
(18(87), 24(161)89 Tianjin)

94206 3Ed. 3/8/86 LAST NM 8/90 1/92
Change Visibility (range) of light to 10M 30° 39.6′ N 122° 00.3′ E
(20(107)91 Tianjin)

94206 3Ed. 3/8/86 LAST NM 1/92 23/93
Add Dangerous wreck (Mast) 30° 34′ 27″N 121° 58′ 05″E
(7(47)93 Tianjin)

94206 3Ed. 3/8/86 LAST NM 23/93 34/93
Add Depth 2½ fathoms Wk (PA) 30° 47.4′ N 122° 03.3′ E
(12(75)93 Tianjin)

94206 3Ed. 3/8/86 LAST NM 34/93 11/94
Delete Purple outline of chart 94207 30° 21.8′ N 121° 33.1′ E

Add Dangerous wreck "Rep (1993)" (PA)
30° 33.4′ N 121° 49.0′ E
30° 22.9′ N 121° 46.1′ E

Purple outline of chart 94207 joining
30° 14.8′ N 122° 03.7′ E
30° 38.2′ N 122° 03.7′ E
30° 38.2′ N 121° 29.7′ E
30° 14.8′ N 121° 29.7′ E
(DMAHTC; 2(7, 8)94 Tianjin)

94206 3Ed. 3/8/86 LAST NM 11/94 1/95
Delete Submarine cables (3) between 30° 56.5′ N 122° 03.0′ E
30° 48.7′ N 122° 08.9′ E

Purple composite line
joining 30° 52′ 10″N 121° 51′ 46″E
30° 44′ 24″N 121° 55′ 22″E
30° 43′ 24″N 121° 56′ 22″E
30° 37′ 06″N 121° 59′ 52″E
30° 36′ 30″N 122° 02′ 46″E
30° 36′ 02″N 122° 04′ 00″E

joining 30° 52′ 24″N 121° 50′ 34″E
30° 43′ 54″N 121° 54′ 34″E
30° 42′ 54″N 121° 55′ 34″E
30° 36′ 18″N 121° 59′ 10″E
30° 35′ 34″N 122° 02′ 40″E

Legend
"Anchoring and Fishing Prohibited"
between 30° 50′ 00″N 121° 52′ 00″E
30° 45′ 00″N 121° 54′ 36″E

Legend "Less Water (1993)" 30° 52′ 00″N 122° 03′ 30″E
30° 43′ 15″N 121° 41′ 36″E
(Cna CH 9530)

94206 3Ed. 3/8/86 LAST NM 1/95 5/95
Add Purple composite line
joining 30° 52′ 10″N 121° 51′ 46″E
30° 44′ 24″N 121° 55′ 22″E
30° 43′ 24″N 121° 56′ 22″E
30° 37′ 06″N 121° 59′ 52″E
30° 36′ 30″N 122° 02′ 46″E
30° 36′ 02″N 122° 04′ 00″E

joining 30° 52′ 24″N 121° 50′ 34″E
30° 43′ 54″N 121° 54′ 34″E
30° 42′ 54″N 121° 55′ 34″E
30° 36′ 18″N 121° 59′ 10″E
30° 35′ 34″N 122° 02′ 40″E

Legend
"Anchoring and Fishing Prohibited"
between 30° 50′ 00″N 121° 52′ 00″E
30° 45′ 00″N 121° 54′ 36″E

Legend "Less Water (1993)" 30° 52′ 00″N 122° 03′ 30″E
30° 43′ 15″N 121° 41′ 36″E
(See 1/95-94206)
(Cna CH 9530)

94206 3Ed. 3/8/86 LAST NM 5/95 7/95
Add Dangerous wreck "Rep (1994)" (PA)
30° 44′ 09″N 121° 59′ 45″E

Submarine cable joining 30° 51′ 24″N 121° 51′ 21″E
30° 46′ 54″N 121° 55′ 27″E
30° 41′ 51″N 122° 01′ 39″E
30° 39′ 21″N 122° 09′ 27″E
30° 38′ 12″N 122° 10′ 45″E
(23(149), 24(155)94 Tianjin)

94206 3Ed. 3/8/86 LAST NM 7/95 10/95
Change Light to Fl(2) 10s 302ft 20M 30° 48.6′ N 122° 10.2′ E
(2(9)95 Tianjin)

94206 3Ed. 3/8/86 LAST NM 10/95 36/96
Add Dangerous wreck (PA) 30° 24.6′ N 121° 49.4′ E
(14(128)96 Tianjin)

94206 3Ed. 3/8/86 LAST NM 36/96 47/96
Substitute Dangerous wreck (Mast) for
stranded wreck 30° 51.7′ N 122° 07.0′ E

Add Dangerous wreck (PA) marked by buoy
BRB, pillar, double ball topmark,
Fl(2) 5s 30° 48.7′ N 122° 05.0′ E

Buoy BRB, pillar, double ball topmark,
Fl(2) 5s 30° 51.1′ N 122° 07.9′ E
(18(164, 165)96 Tianjin; Cna CH 9501)

94206 3Ed. 3/8/86 LAST NM 47/96 14/97
Delete Dangerous wreck (PA) and buoy 30° 48.7′ N 122° 05.0′ E
(See 47/96-94206)

Change Light to Fl(3) 10s 98ft 15M 30° 35.8′ N 121° 57.8′ E

Add Dangerous wreck 30° 51.1′ N 122° 06.2′ E

Dangerous wreck (PA) 30° 48.7′ N 122° 05.6′ E
30° 47.8′ N 122° 04.9′ E

Buoy BRB, pillar, double ball topmark,
Fl(2) 5s 30° 48.7′ N 122° 05.0′ E

Buoys, each R, pillar, can topmark
"S No. 1" QR 30° 47.6′ N 122° 06.4′ E
"S No. 2" Fl R 4s 30° 51.1′ N 122° 07.2′ E
"S No. 3" Fl(2) R 6s 30° 55.5′ N 122° 07.7′ E
(18(164, 165)96, 3(24, 25)97 Tianjin; Cna LL)

94206 3Ed. 3/8/86 LAST NM 14/97 19/97
Delete Buoy 30° 51.1′ N 122° 07.9′ E
30° 48.7′ N 122° 05.0′ E
(See 47/96, 14/97-94206)

Change Height of light to 131ft 30° 35.8′ N 121° 57.8′ E

Add Dangerous wreck 30° 55.5′ N 122° 04.7′ E
(7(72, 76, 79)97 Tianjin)

94206 3Ed. 3/8/86 LAST NM 19/97 46/98
Add Dangerous wreck (PA) 30° 46′ 15″N 122° 08′ 07″E
(17(159)98 Tianjin)

94206 3Ed. 3/8/86 LAST NM 46/98 13/99
Add Dangerous wreck 30° 54′ 08″N 122° 06′ 32″E
Dangerous wreck (PA) 30° 20′ 40″N 122° 03′ 22″E
(21(200, 204)98 Tianjin)

94206 3Ed. 3/8/86 LAST NM 13/99 23/99
Add Submarine cable joining 30° 51.8′ N 121° 52.6′ E
30° 51.3′ N 121° 55.0′ E
30° 52.3′ N 122° 09.7′ E
30° 52.4′ N 122° 10.7′ E
(28(2471)98 Taunton)

94206 3Ed. 3/8/86 LAST NM 23/99 49/00
Add Dangerous wreck [K28] (PA) 30° 51′ 29″N 122° 09′ 01″E

Submarine pipeline with legend "Gas" [L40.1]
joining 30° 51′ 42″N 121° 50′ 42″E
30° 42′ 48″N 121° 53′ 12″E
30° 33′ 06″N 121° 58′ 30″E
30° 25′ 31″N 122° 10′ 45″E
(20(183, 191)98 Tianjin)

94206 3Ed. 3/8/86 LAST NM 49/00 53/00
Add Dangerous wreck [K28] "Rep (1999)"
30° 39′ 36″N 121° 56′ 48″E
(10(118)99 Tianjin)

94206 3Ed. 3/8/86 LAST NM 53/00 8/01
Change Visibility (range) of light to 18M
30° 35′ 47″N 121° 58′ 05″E
(5(43)00 Tianjin)

94206 3Ed. 3/8/86 LAST NM 8/01 13/01
Add Dangerous wreck [K28] "Rep (2001)"
30° 39′ 39″N 122° 00′ 30″E
(3(24)01 Tianjin)

94206 3Ed. 3/8/86 LAST NM 13/01 16/01
Relocate Buoy "S No. 3" from
30° 55′ 30″N 122° 07′ 42″E to
30° 55′ 02″N 122° 08′ 38″E
(4(30)01 Tianjin)

94206 3Ed. 3/8/86 LAST NM 16/01 46/01
Add Danger circle "Obstn" [K40] 30° 49′ 48″N 122° 03′ 12″E
Dangerous wreck [K28] 30° 35′ 56″N 121° 43′ 27″E
(18(247, 248)01 Tianjin)

94206 3Ed. 3/8/86 LAST NM 46/01 22/02
Add Submarine cable [L30.1] joining
30° 50′ 56″N 121° 53′ 22″E
30° 50′ 37″N 121° 54′ 01″E
30° 50′ 32″N 122° 10′ 45″E
(NTM0012/2002)

94206 3Ed. 3/8/86 LAST NM 22/02 26/02
Add Dangerous wreck [K28] "Rep (2002)" (PA)
30° 41′ 21″N 121° 58′ 48″E
(16(317)02 Tianjin)

94206 3Ed. 3/8/86 LAST NM 26/02 41/02
Add Submarine cable [L30.1] joining
30° 51′ 17″N 121° 50′ 08″E
30° 51′ 00″N 121° 50′ 11″E
30° 50′ 57″N 121° 50′ 51″E
30° 50′ 53″N 121° 51′ 48″E
30° 50′ 52″N 121° 52′ 04″E
30° 49′ 52″N 121° 54′ 07″E
30° 49′ 53″N 121° 55′ 46″E
30° 45′ 54″N 122° 10′ 45″E
(23(360)01 Tianjin)

94206 3Ed. 3/8/86 LAST NM 41/02 42/02
Add Submarine cable [L30.1] between
30° 50′ 56″N 121° 52′ 41″E
30° 50′ 03″N 122° 10′ 45″E
(29(548)02 Tianjin)

94206 3Ed. 3/8/86 LAST NM 42/02 44/02
Add Stranded wreck [K24] "Rep (2002)" (PA)
30° 17′ 31″N 121° 59′ 22″E
(3(45)02 Tianjin)

94206 3Ed. 3/8/86 LAST NM 44/02 47/02
Add Dangerous wreck [K28] "Rep (2002)" (PA)
30° 35′ 48″N 121° 43′ 12″E
(29(554)02 Tianjin)

94206 3Ed. 3/8/86 LAST NM 47/02 52/02
Add Dangerous wreck [K28] "Rep (2002)" (PA)
30° 21′ 39″N 121° 55′ 38″E
Dangerous wreck [K28] "Rep (2002)" (PA)
30° 20′ 59″N 121° 51′ 17″E
(21(387, 391)02 Tianjin)

94206 3Ed. 3/8/86 LAST NM 52/02 11/03
Add Dangerous wreck [K28] 30° 30′ 08″N 121° 54′ 39″E
(52(976)02 Tianjin)

94206 3Ed. 3/8/86 LAST NM 11/03 19/03
Add Dangerous wreck [K28] "Rep (2003)" (PA)
30° 20′ 27″N 121° 50′ 18″E
Buoy Y, pillar, "X" topmark, Mo(C) Y 15s
30° 47′ 08″N 121° 29′ 14″E
Buoy Y, pillar, "X" topmark, Mo(C) Y 12s
30° 47′ 22″N 121° 29′ 18″E
Beacon Y, "X" topmark, Mo(C) Y 12s 9m 3M
30° 41′ 28″N 121° 18′ 15″E
Beacon Y, "X" topmark, Mo(C) Y 12s 12m 4M
30° 34′ 04″N 121° 02′ 28″E
(37(683), 39(711), 49(906)02, 10(148)03 Tianjin)

94206 3Ed. 3/8/86 LAST NM 19/03 44/03
Add Depth 7¾ fathoms 30° 42′ 46″N 121° 24′ 23″E
(11(177)03 Tianjin)

94206 3Ed. 3/8/86 LAST NM 44/03 18/04
Add Buoy "CW1" GRG, pillar, cone topmark,
Fl(2+1) G 6s 30° 38′ 24″N 121° 21′ 29″E
Buoy "CW2" RGR, pillar, can topmark,
Fl(2+1) R 6s 30° 40′ 00″N 121° 23′ 20″E
Buoy "CW3" GRG, pillar, cone topmark,
Fl(2+1) G 9s 30° 39′ 37″N 121° 25′ 55″E
Buoy "CW4" RGR, pillar, can topmark,
Fl(2+1) R 9s 30° 41′ 04″N 121° 27′ 08″E
Buoy "CW5" GRG, pillar, cone topmark,
Fl(2+1) G 12s 30° 44′ 53″N 121° 29′ 14″E
Buoy "CW12" Y, pillar, "X" topmark,
Mo(Q) Y 15s [Q130.6] 30° 42′ 38″N 121° 24′ 29″E

Light Fl(3) 10s 105m 10M Racon
30° 41′ 30″N 121° 25′ 09″E
(49(1077, 1079)03 Tianjin)

94206 3Ed. 3/8/86 LAST NM 18/04 13/05
Add Dangerous wreck (Mast) [K25] (PA)
30° 16′ 40″N 122° 02′ 52″E
(37(770)04 Tianjin)

94206 3Ed. 3/8/86 LAST NM 13/05 21/05
Add Dangerous wreck [K28] (PA) 30° 20′ 21″N 121° 52′ 24″E
(5(62)05 Tianjin)

94206 3Ed. 3/8/86 LAST NM 21/05 45/06
Add Dangerous wreck [K28] (PA) 30° 16′ 33″N 121° 50′ 16″E
(34(753)06 Tianjin)

94206 3Ed. 3/8/86 LAST NM 45/06 8/08
Add Submarine pipeline [L40.1] with legend "Oil"
joining 30° 41′ 00″N 121° 14′ 52″E
30° 40′ 27″N 121° 14′ 51″E
30° 39′ 55″N 121° 14′ 51″E
30° 39′ 24″N 121° 15′ 01″E
30° 31′ 25″N 121° 22′ 30″E
30° 31′ 00″N 121° 22′ 53″E
30° 30′ 29″N 121° 23′ 03″E
30° 23′ 28″N 121° 23′ 35″E
30° 22′ 56″N 121° 23′ 41″E
30° 22′ 29″N 121° 24′ 01″E
30° 20′ 06″N 121° 26′ 35″E
30° 19′ 38″N 121° 26′ 51″E
30° 19′ 06″N 121° 26′ 45″E
30° 16′ 50″N 121° 25′ 05″E
(26(806)07 Tianjin)

94206 3Ed. 3/8/86 LAST NM 8/08 18/08
Add Dangerous wreck [K28] (PA) 30° 21′ 42″N 121° 55′ 15″E
Dangerous wreck [K28] (PA) 30° 20′ 12″N 121° 54′ 09″E
(8(231, 232)08 Tianjin)

94206 3Ed. 3/8/86 LAST NM 18/08 33/08
Add Beacon BRB, double ball topmark,
Fl(2) 5s 11m 3M [Q130.4] 30° 21′ 31″N 121° 33′ 29″E
(20(666)08 Tianjin)

94206 3Ed. 3/8/86 LAST NM 33/08 11/11
Add Anchorage area [N12.1] bound by purple
dashed line joining 30° 42′ 12″N 121° 27′ 30″E
30° 43′ 36″N 121° 25′ 06″E
30° 42′ 42″N 121° 24′ 36″E
30° 41′ 00″N 121° 27′ 12″E

Legend "Dangerous Goods" 30° 42′ 45″N 121° 27′ 45″E
Light Fl(2) 5s 13m 4M 30° 35′ 33″N 121° 08′ 29″E
(19(414)04, 26(548)05 Tianjin)

94206 3Ed. 3/8/86 LAST NM 11/11 15/11
Add Racon (Z) [S3.1] to light 30° 35′ 47″N 121° 58′ 05″E
(5(99)04 Tianjin)

94206 3Ed. 3/8/86 LAST NM 15/11 16/11
Add Dangerous wreck [K28] (PA) 30° 31′ 00″N 122° 09′ 00″E
(Cna CH 13341)

94206 3Ed. 3/8/86 LAST NM 16/11 32/11
Change Designation of buoy "CW1" to "K31"
30° 38′ 24″N 121° 21′ 29″E
Designation of buoy "CW2" to "K32"
30° 40′ 00″N 121° 23′ 20″E
Designation of buoy "CW3" to "K33"
30° 39′ 37″N 121° 25′ 55″E
Designation of buoy "CW4" to "K34"
30° 41′ 04″N 121° 27′ 08″E
Designation of buoy "CW5" to "K35"
30° 44′ 53″N 121° 29′ 14″E
(29(594)04 Tianjin)

94206 3Ed. 3/8/86 LAST NM 32/11 35/11
Change Light to Fl(2) 20s 89ft 15M Horn Racon (O)
30° 20′ 49″N 121° 51′ 25″E
(27(579)05 Tianjin)

94206 3Ed. 3/8/86 LAST NM 35/11 38/11
Delete Depth 3 fathoms 4 feet Wk 30° 45′ 42″N 122° 01′ 35″E

Add Swept depth 3¾ fathoms Wk [K27]
30° 45′ 39″N 122° 02′ 18″E

Beacon Mo(C) Y 15s 5M AIS 30° 45′ 41″N 122° 01′ 35″E
(26(911)11 Tianjin; UKHO ARCS 1124-0)

94206 3Ed. 3/8/86 LAST NM 38/11 40/11
Add Light Fl 5s 11m 4M 30° 20′ 36″N 121° 53′ 20″E
Light Fl(3) 8s 9m 4M 30° 21′ 38″N 121° 55′ 51″E
Light Fl 2s 15m 4M 30° 21′ 42″N 122° 03′ 34″E
Light Fl 6s 8m 4M 30° 20′ 22″N 121° 59′ 15″E

Buoy BRB, pillar, double ball topmark,
Fl(2) 5s [Q130.4] 30° 16′ 14″N 122° 03′ 21″E
(31(668)05, 42(940)06 Tianjin)

94206 3Ed. 3/8/86 LAST NM 40/11 41/11
Add Light Fl 10s 328ft 18M 30° 35′ 54″N 122° 04′ 45″E
(33(726)06 Tianjin)

94206 3Ed. 3/8/86 LAST NM 41/11 8/12
Add Light Fl 4s 40m 10M 30° 35′ 00″N 122° 08′ 37″E
Light Fl(2) 6s 35m 10M 30° 35′ 25″N 122° 07′ 12″E
(27(567, 568)06 Tianjin)

94206 3Ed. 3/8/86 LAST NM 8/12 22/12
Add Light Fl(2) 6s 55m 7M 30° 15′ 01″N 121° 43′ 05″E
(45(1407)07 Tianjin)

94206 3Ed. 3/8/86 LAST NM 22/12 8/13
Delete Dangerous wreck "Rep (1999)"
30° 39′ 36″N 121° 56′ 48″E
Add Depth 6.1 meters Wk [K26] 30° 39′ 41″N 121° 56′ 59″E
(15(413)12 Tianjin)

94206 3Ed. 3/8/86 LAST NM 8/13 9/13
Add Buoy "Y36" RW, pillar, ball topmark, Iso 4s
AIS [Q130.5] 30° 46′ 40″N 122° 09′ 37″E
(33(1206)12 Tianjin; UKHO ARCS 1124-0)

94206 3Ed. 3/8/86 LAST NM 9/13 10/13
Delete Racon from light 30° 41′ 30″N 121° 25′ 09″E
(32(3514)12 Taunton)

94206 3Ed. 3/8/86 LAST NM 10/13 11/13
Add Buoy "2" Y, pillar, "X" topmark, Mo(C) Y 15s
[Q130.6] 30° 37′ 21″N 121° 09′ 12″E
(2(33)07 Tianjin)

94206 3Ed. 3/8/86 LAST NM 11/13 16/13
Add Light Fl 4s 26m 7M 30° 34′ 15″N 122° 08′ 06″E
(3(49)07 Tianjin)

94206 3Ed. 3/8/86 LAST NM 16/13 34/13
Add Buoy "1" Y, pillar, "X" topmark, Mo(C) Y 12s
[Q130.6] 30° 37′ 36″N 121° 09′ 22″E
Light Fl 2s 20m 10M 30° 37′ 21″N 121° 08′ 42″E
(27(828, 832)07 Tianjin; UKHO LL)

94206 3Ed. 3/8/86 LAST NM 34/13 39/13
Add Buoy "No 1" R, pillar, can topmark, QR
30° 48′ 50″N 121° 43′ 51″E
Buoy "No 2" R, pillar, can topmark, Fl R 4s
30° 49′ 52″N 121° 43′ 43″E
(17(518)07 Tianjin)

94206 3Ed. 3/8/86 LAST NM 39/13 45/13
Add Stranded wreck [K24] "Rep (2005)" (PA)
marked close NNW by buoy BRB, pillar,
double ball topmark, Fl(2) 5s AIS
30° 26′ 17″N 122° 04′ 18″E
(7(182)12 Tianjin; Cna CH 13339)

★**94207** 5Ed. 4/6/96 NEW EDITION N25/96
(DMA)

94207 5Ed. 4/6/96 LAST NM N25/96 N36/96
Add Dangerous wreck (PA) 30° 24′ 36″N 121° 49′ 33″E
(14(128)96 Tianjin)

94207 5Ed. 4/6/96 LAST NM N36/96 N14/97
Delete SIREN from light 30° 35.8′ N 121° 58.0′ E
(3(26)97 Tianjin)

94207 5Ed. 4/6/96 LAST NM N14/97 N17/97
Add Dangerous wreck 29° 57′ 33″N 121° 56′ 25″E
29° 56′ 51″N 121° 55′ 59″E
(5(49)97 Tianjin)

94207 5Ed. 4/6/96 LAST NM N17/97 N19/97
Change Height of light to 40m 30° 35.8′ N 121° 58.0′ E

Add SIREN at light 30° 00.0′ N 121° 45.6′ E
(7(72, 75)97 Tianjin)

94207 5Ed. 4/6/96 LAST NM N19/97 N52/97
Add Dangerous wreck (PA) 29° 57′ 43″N 121° 56′ 47″E
(20(190)97 Tianjin)

94207 5Ed. 4/6/96 LAST NM N52/97 N1/98
Delete Racon from light 30° 05.0′ N 121° 49.3′ E
(Cna LL)

94207 5Ed. 4/6/96 LAST NM N1/98 N10/98
Add Dangerous wreck 29° 58′ 16″N 121° 51′ 15″E
(24(242)97 Tianjin)

94207 5Ed. 4/6/96 LAST NM N10/98 N15/98
Add Racon at light 29° 57.9′ N 121° 54.1′ E
(3(32)98 Tianjin)

94207 5Ed. 4/6/96 LAST NM N15/98 N17/98
Delete Depth
3 meters 29° 59.7′ N 121° 47.4′ E
5 meters 30° 00.2′ N 121° 47.7′ E
(5(40)98 Tianjin)

94207 5Ed. 4/6/96 LAST NM N17/98 N6/99
Add Dashed line
(T-head pier under construction)
between 29° 55′ 54″N 121° 51′ 58″E
29° 56′ 09″N 121° 52′ 04″E

between 29° 55′ 52″N 121° 52′ 07″E
29° 56′ 06″N 121° 52′ 13″E

between 29° 56′ 11″N 121° 51′ 57″E
29° 56′ 04″N 121° 52′ 19″E

Solid line (pier) between 29° 56′ 53″N 121° 49′ 40″E
29° 57′ 00″N 121° 49′ 24″E

Solid line (breakwater) joining 29° 56′ 07″N 121° 50′ 38″E
29° 56′ 18″N 121° 50′ 41″E
29° 56′ 34″N 121° 49′ 46″E
29° 56′ 54″N 121° 49′ 02″E
(Cna CH 9533)

94207 5Ed. 4/6/96 LAST NM N6/99 N13/99
Add Dangerous wreck (PA) 30° 20′ 41″N 122° 03′ 40″E
(21(200)98 Tianjin)

94207 5Ed. 4/6/96 LAST NM N13/99 N17/99
Add Submarine cable between 29° 58′ 33″N 121° 48′ 38″E
29° 59′ 12″N 121° 50′ 47″E
(4(47)99 Tianjin)

94207 5Ed. 4/6/96 LAST NM N17/99 N31/99
Add Legend "Works in progress (1998)"
29° 56′ 00″N 121° 54′ 06″E
(10(957)99 Taunton)

94207 5Ed. 4/6/96 LAST NM N31/99 N40/00
Add Foul ground symbol [K31] "Rep (2000)" (PA)
30° 01′ 00″N 121° 59′ 00″E
(15(195)00 Tianjin)

94207 5Ed. 4/6/96 LAST NM N40/00 N51/00
Delete "Anchoring and Fishing Prohibited" area
in vicinity 29° 58′ 30″N 121° 49′ 26″E
(20(194)98 Tianjin)

94207 5Ed. 4/6/96 LAST NM N51/00 N53/00
Add "Anchoring and Fishing Prohibited" area [N20]
bound by shore and purple composite line
joining 30° 02′ 44″N 121° 55′ 04″E
30° 02′ 24″N 121° 55′ 02″E
30° 03′ 29″N 121° 57′ 39″E
30° 03′ 49″N 121° 57′ 46″E
(17(209)99 Tianjin)

94207 5Ed. 4/6/96 LAST NM N53/00 N8/01
Change Visibility (range) of light to 18M
30° 35′ 47″N 121° 58′ 05″E
(5(43)00 Tianjin)

94207 5Ed. 4/6/96 LAST NM N8/01 N16/01
Add Dangerous wreck [K28] (PA) 30° 06′ 37″N 121° 52′ 12″E
(4(42)01 Tianjin)

94207 5Ed. 4/6/96 LAST NM N16/01 N24/01
Delete "Quarantine anchorage" area in vicinity
29° 59′ 47″N 121° 47′ 03″E
(5(44)01 Tianjin)

94207 5Ed. 4/6/96 LAST NM N24/01 N28/01
Add "Dangerous Cargo Anchorage" area [N12.7]
bound by purple dashed line joining
30° 01′ 12″N 121° 47′ 30″E
30° 02′ 31″N 121° 47′ 30″E
30° 02′ 31″N 121° 45′ 39″E
30° 01′ 12″N 121° 45′ 39″E

Anchorage area [N12.1] bound by
purple dashed line joining 30° 01′ 12″N 121° 47′ 30″E
30° 01′ 12″N 121° 45′ 39″E
30° 00′ 31″N 121° 45′ 39″E
30° 00′ 31″N 121° 46′ 35″E
29° 59′ 31″N 121° 46′ 35″E
29° 59′ 31″N 121° 47′ 30″E

"Gold Pond Dangerous Cargo Anchorage" area
[N12.7] bound by purple dashed line joining
30° 02′ 30″N 121° 48′ 38″E
30° 01′ 12″N 121° 48′ 38″E
30° 01′ 12″N 121° 50′ 02″E
30° 02′ 00″N 121° 50′ 02″E
30° 02′ 30″N 121° 49′ 34″E

"Gold Pond Anchorage" area [N12.1] bound by
purple dashed line joining 30° 01′ 12″N 121° 50′ 02″E
30° 01′ 12″N 121° 48′ 38″E
30° 00′ 30″N 121° 48′ 38″E
30° 00′ 00″N 121° 49′ 06″E
30° 00′ 00″N 121° 49′ 34″E
30° 00′ 30″N 121° 50′ 02″E

Depth 15.4 meters 29° 59′ 37″N 122° 00′ 07″E
(5(44, 45), 7(64, 76)01 Tianjin)

94207 5Ed. 4/6/96 LAST NM N28/01 N42/01
Add Double solid line with land tint (bridge) [D22]
between 29° 57′ 46″N 121° 43′ 25″E
29° 57′ 39″N 121° 43′ 41″E
(Cna CH 13384)

94207 5Ed. 4/6/96 LAST NM N42/01 N46/01
Add Dangerous wreck [K28] 30° 35′ 56″N 121° 43′ 27″E
(18(248)01 Tianjin)

94207 5Ed. 4/6/96 LAST NM N46/01 N47/01
Add Submarine pipeline (water) [L41.1] joining
30° 00′ 51″N 121° 38′ 26″E
30° 11′ 09″N 121° 52′ 44″E
30° 10′ 20″N 121° 56′ 26″E
(19(260)01 Tianjin)

94207 5Ed. 4/6/96 LAST NM N47/01 N26/02
Add Dangerous wreck [K28] "Rep (2002)"
30° 09′ 30″N 121° 50′ 00″E
(14(263)02 Tianjin)

94207 5Ed. 4/6/96 LAST NM N26/02 N42/02
Add Dangerous wreck [K28] "Rep (2002)"
30° 08′ 13″N 121° 49′ 32″E
(21(388)02 Tianjin)

94207 5Ed. 4/6/96 LAST NM N42/02 N44/02
Change Visibility (range) of light to 9M
29° 58′ 32″N 121° 48′ 33″E

Add Light Fl(3) 10s 47m 10M 29° 58′ 22″N 121° 47′ 42″E

Stranded wreck [K24] "Rep (2002)" (PA)
30° 17′ 31″N 121° 59′ 22″E
Beacon G, cone topmark, QG 10m 7M Racon
29° 55′ 06″N 121° 59′ 58″E
Buoy R, pillar, can topmark, Fl R 4s
29° 55′ 03″N 122° 00′ 09″E
(24(386)01, 3(45), 4(54), 10(163)02 Tianjin)

94207 5Ed. 4/6/96 LAST NM N44/02 N47/02
Add Dangerous wreck [K28] (PA) 30° 13′ 30″N 121° 56′ 48″E

Dangerous wreck [K28] "Rep 2002" (PA)
30° 35′ 48″N 121° 43′ 12″E
(12(232), 29(554)02 Tianjin)

94207 5Ed. 4/6/96 LAST NM N47/02 N52/02
Add Dangerous wreck [K28] "Rep (2002)" (PA)
30° 21′ 38″N 121° 55′ 50″E
Dangerous wreck [K28] "Rep (2002)" (PA)
30° 20′ 54″N 121° 51′ 33″E

Submarine cable [L30.1] joining
30° 04′ 18″N 121° 55′ 30″E
30° 03′ 54″N 121° 54′ 30″E
30° 03′ 48″N 121° 53′ 57″E
(21(387, 391), 38(693)02 Tianjin)

94207 5Ed. 4/6/96 LAST NM N52/02 N11/03
Add Dangerous wreck [K28] 30° 30′ 21″N 121° 55′ 00″E
(52(976)02 Tianjin)

94207 5Ed. 4/6/96 LAST NM N11/03 N19/03
Add Dangerous wreck [K28] "Rep (2003)" (PA)
30° 20′ 29″N 121° 50′ 17″E
(10(148)03 Tianjin)

94207 5Ed. 4/6/96 LAST NM N19/03 N13/05
Add Dangerous wreck (Mast) [K25] (PA)
30° 16′ 40″N 122° 02′ 52″E
(37(770)04 Tianjin)

94207 5Ed. 4/6/96 LAST NM N13/05 N21/05
Add Dangerous wreck [K28] (PA) 30° 20′ 21″N 121° 52′ 24″E
Dangerous wreck [K28] (PA) 30° 12′ 35″N 121° 52′ 44″E
(2(18), 5(62)05 Tianjin)

94207 5Ed. 4/6/96 LAST NM N21/05 N22/05
Add Dangerous wreck [K28] (PA) 30° 08′ 50″N 121° 56′ 27″E
(1(4)05 Tianjin)

94207 5Ed. 4/6/96 LAST NM N22/05 N38/06
Add Dangerous wreck [K28] (PA) 29° 56′ 42″N 122° 01′ 19″E
(27(571)06 Tianjin)

94207 5Ed. 4/6/96 LAST NM N38/06 N40/06
Add Racon [S3.1] at light 30° 01′ 03″N 121° 57′ 46″E
(17(324)06 Tianjin)

94207 5Ed. 4/6/96 LAST NM N40/06 N45/06
Add Dangerous wreck [K28] (PA) 30° 16′ 33″N 121° 50′ 16″E
(34(753)06 Tianjin)

94207 5Ed. 4/6/96 LAST NM N45/06 N52/06
Add Light Fl(2) 4s 25m 4M Racon (N)
30° 07′ 05″N 121° 52′ 05″E
(37(814)06 Tianjin; BA LL)

94207 5Ed. 4/6/96 LAST NM N52/06 N11/07
Delete Dangerous wreck (PA) 30° 12′ 35″N 121° 52′ 44″E
(6(82)06 Tianjin)

94207 5Ed. 4/6/96 LAST NM N11/07 N31/07
Add Dangerous submerged rock [K13] "Rep
(2007)" 29° 59′ 53″N 121° 55′ 57″E
(19(593)07 Tianjin)

94207 5Ed. 4/6/96 LAST NM N31/07 N18/08
Add Dangerous wreck [K28] (PA) 30° 21′ 42″N 121° 55′ 15″E
Dangerous wreck [K28] (PA) 30° 20′ 12″N 121° 54′ 09″E
(8(231, 232)08 Tianjin)

94207 5Ed. 4/6/96 LAST NM N18/08 N22/08
Add Depth 0.4 meter Obstn [K41] 30° 17′ 28″N 121° 59′ 43″E
Depth 0.4 meter Obstn [K41] 30° 17′ 30″N 121° 59′ 38″E
(2(19)05 Tianjin)

94207 5Ed. 4/6/96 LAST NM N22/08 N28/08
Add Position circle 30° 05′ 45″N 121° 57′ 10″E
Position circle 30° 05′ 52″N 121° 57′ 43″E

Dashed line (overhead power cable) [D26]
"32m" between above position circles

Position circle 30° 05′ 46″N 121° 58′ 37″E
Position circle 30° 05′ 46″N 121° 59′ 00″E

Dashed line (overhead power cable) [D26]
"24m" between above position circles
(2(24)05 Tianjin)

94207 5Ed. 4/6/96 LAST NM N28/08 N31/08
Add Dangerous wreck [K28] (PA) 30° 19′ 00″N 121° 55′ 00″E
(21(696)08 Tianjin)

94207 5Ed. 4/6/96 LAST NM N31/08 N33/08
Add Beacon BRB, double ball topmark,
Fl(2) 5s 11m 3M [Q130.4] 30° 21′ 31″N 121° 33′ 29″E
(20(666)08 Tianjin)

94207 5Ed. 4/6/96 LAST NM N33/08 N37/08
Add Beacon BRB, double ball topmark,
Fl(2) 5s 16m 10M [Q130.4] 29° 58′ 58″N 121° 48′ 17″E
(8(119)05 Tianjin; BA LL)

94207 5Ed. 4/6/96 LAST NM N37/08 N6/09
Delete Dangerous submerged rock "Rep (2007)"
29° 59′ 53″N 121° 55′ 57″E

Substitute Depth 2 meters Rk [K14] for 5.2 meters
29° 59′ 52″N 121° 55′ 53″E
(45(1615, 1616)08 Tianjin)

94207 5Ed. 4/6/96 LAST NM N6/09 N11/11
Add Light Fl(2) R 6s 15m 4M 30° 03′ 00″N 121° 49′ 52″E

Buoy BRB, pillar, double ball topmark, Fl(2) 5s
[Q130.4] 30° 01′ 58″N 121° 58′ 00″E
(26(545, 546)05 Tianjin)

94207 5Ed. 4/6/96 LAST NM N11/11 N12/11
Add Beacon YB, double cone topmark
points downward, VQ(6) + L Fl 10s 13m 4M
[Q130.3] 29° 58′ 02″N 121° 51′ 34″E
(Cna CH 13385)

94207 5Ed. 4/6/96 LAST NM N12/11 N15/11
Add Racon (Z) [S3.1] to light 30° 35′ 47″N 121° 58′ 05″E
(5(99)04 Tianjin)

94207 5Ed. 4/6/96 LAST NM N15/11 N35/11
Change Light to Fl(2) 20s 27m 15M HORN Racon (O)
30° 20′ 50″N 121° 51′ 37″E
(27(579)05 Tianjin)

94207 5Ed. 4/6/96 LAST NM N35/11 N40/11
Add Light Fl 5s 11m 4M 30° 20′ 36″N 121° 53′ 20″E
Light Fl(3) 8s 9m 4M 30° 21′ 38″N 121° 55′ 51″E
Light Fl 2s 15m 4M 30° 21′ 42″N 122° 03′ 34″E
Light Fl 6s 8m 4M 30° 20′ 22″N 121° 59′ 15″E

Buoy BRB, pillar, double ball topmark,
Fl(2) 5s [Q130.4] 30° 04′ 49″N 121° 53′ 38″E
Buoy BRB, pillar, double ball topmark,
Fl(2) 5s [Q130.4] 30° 16′ 14″N 122° 03′ 21″E
(31(668)05, 42(940)06 Tianjin)

94207 5Ed. 4/6/96 LAST NM N40/11 N22/12
Add Light Fl(2) 6s 55m 7M 30° 15′ 01″N 121° 43′ 18″E
(45(1407)07 Tianjin)

94207 5Ed. 4/6/96 LAST NM N22/12 N35/13
Add Anchorage area [N12.1] bound by purple
dashed line joining 30° 00′ 15″N 121° 58′ 46″E
30° 01′ 17″N 121° 59′ 46″E
30° 00′ 37″N 122° 00′ 25″E
30° 00′ 01″N 121° 59′ 43″E

Pilot station symbol [T1.1] 30° 00′ 25″N 121° 59′ 34″E
(24(891)13 Tianjin; UKHO ARCS 1126-0)

94207 5Ed. 4/6/96 LAST NM N35/13 N52/13
Change Light to QG 10m 7M AIS 29° 58′ 40″N 121° 45′ 21″E
Light to Fl 5s 52m 18M SIREN Racon (B) AIS
30° 00′ 02″N 121° 45′ 37″E

Add Dangerous wreck [K28] (ED) 29° 57′ 54″N 121° 50′ 15″E
Beacon Y, "X" topmark, Mo(C) Y 4M
Racon (O) [Q130.6] with legend "(3 Bns)"
29° 57′ 06″N 121° 49′ 18″E
Light Fl 4s 21m 7M 29° 58′ 24″N 121° 50′ 53″E
Light Fl (2) 4s 15m 10M 30° 00′ 00″N 121° 55′ 46″E
Depth 27.4 meters Wk [K26] 30° 00′ 11″N 121° 49′ 33″E

(continued on next page)

94207 (Continued) 52/13

Land tint to area bound by shore and solid line
[F13] joining 30° 12′ 38″N 121° 30′ 00″E
30° 10′ 43″N 121° 31′ 10″E
30° 10′ 06″N 121° 31′ 45″E
30° 10′ 03″N 121° 32′ 35″E
30° 10′ 15″N 121° 32′ 57″E
30° 05′ 45″N 121° 36′ 03″E
30° 01′ 43″N 121° 39′ 06″E
30° 00′ 27″N 121° 40′ 05″E
29° 59′ 56″N 121° 40′ 43″E
29° 59′ 23″N 121° 41′ 46″E
29° 58′ 57″N 121° 42′ 46″E
29° 58′ 41″N 121° 43′ 52″E
29° 58′ 46″N 121° 43′ 57″E
29° 58′ 52″N 121° 44′ 47″E
29° 58′ 52″N 121° 44′ 52″E
and delete all hydrography and topography within above area

Double solid line with land tint (bridge) [D22]
joining 30° 03′ 31″N 121° 50′ 39″E
30° 03′ 42″N 121° 49′ 18″E
30° 03′ 32″N 121° 46′ 47″E
30° 03′ 29″N 121° 46′ 24″E
30° 03′ 16″N 121° 45′ 48″E
30° 00′ 37″N 121° 40′ 25″E
30° 00′ 19″N 121° 40′ 01″E

Light FG Racon (Q) AIS 30° 03′ 39″N 121° 48′ 17″E
(UKHO ARCS 1124-0, 1199-0, 1592-0; Cna LL)

94207 5Ed. 4/6/96 LAST NM N52/13 N7/14
Add Submarine cable (power) [L31.1] joining
29° 58′ 22″N 121° 48′ 27″E
29° 58′ 18″N 121° 48′ 39″E
29° 58′ 18″N 121° 48′ 48″E
29° 58′ 07″N 121° 49′ 46″E
29° 57′ 57″N 121° 50′ 57″E
29° 57′ 59″N 121° 51′ 00″E
29° 58′ 00″N 121° 51′ 02″E
29° 58′ 03″N 121° 51′ 06″E
29° 58′ 17″N 121° 51′ 05″E
29° 58′ 24″N 121° 51′ 09″E

Submarine cable (power) [L31.1] joining
29° 58′ 22″N 121° 48′ 27″E
29° 58′ 10″N 121° 48′ 43″E
29° 58′ 05″N 121° 49′ 04″E
29° 57′ 53″N 121° 50′ 04″E
29° 57′ 50″N 121° 50′ 29″E
29° 57′ 48″N 121° 51′ 00″E
29° 57′ 53″N 121° 51′ 13″E
29° 58′ 00″N 121° 51′ 16″E
29° 58′ 24″N 121° 51′ 09″E
(44(1664)13 Tianjin)

94207 5Ed. 4/6/96 LAST NM N7/14 N8/14
Substitute Depth 10.8 meters Rk [K14.1] for 6 meters
30° 09′ 27″N 122° 01′ 24″E
and delete blue tint and enclosing depth contour (10-meter)

Add Depth 10.1 meters Rk [K14.1] 30° 09′ 27″N 122° 02′ 06″E
(34(1257)13 Tianjin)

★**94208** 6Ed. 4/20/96 NEW EDITION N30/96
(DMA)

94208 6Ed. 4/20/96 LAST NM N30/96 N19/97
Add SIREN at light 30° 00′ 02″N 121° 45′ 37″E
(7(75)97 Tianjin)

94208 6Ed. 4/20/96 LAST NM N19/97 N10/98
(Panel A)
Change Visibility (range) of light to 5M
29° 58′ 25″N 121° 44′ 10″E
29° 58′ 22″N 121° 43′ 54″E
(24(243)97 Tianjin)

94208 6Ed. 4/20/96 LAST NM N10/98 N17/98
(Panel A)
Delete Depth
3 meters 29° 59′ 43″N 121° 47′ 24″E
5 meters 30° 00′ 11″N 121° 47′ 44″E
(5(40)98 Tianjin)

94208 6Ed. 4/20/96 LAST NM N17/98 N17/99
(Panel A)
Add Submarine cable between 29° 58′ 33.4″N 121° 48′ 37.8″E
29° 59′ 12.0″N 121° 50′ 47.3″E
(4(47)99 Tianjin)

94208 6Ed. 4/20/96 LAST NM N17/99 N51/00
(Panel A)
Delete "Anchoring and Fishing Prohibited" area
in vicinity 29° 58′ 30.0″N 121° 49′ 26.0″E
(20(194)98 Tianjin)

94208 6Ed. 4/20/96 LAST NM N51/00 N53/00
(Panel A)
Add "Anchoring and Fishing Prohibited" area [N20]
bound by shore and purple composite line
joining 29° 58′ 24.1″N 121° 48′ 31.8″E
29° 58′ 23.7″N 121° 48′ 28.9″E
29° 58′ 16.7″N 121° 48′ 36.0″E
29° 58′ 13.1″N 121° 49′ 11.1″E
29° 58′ 56.7″N 121° 50′ 55.7″E
29° 59′ 15.0″N 121° 50′ 46.0″E
29° 58′ 20.8″N 121° 48′ 42.2″E
(17(208)99 Tianjin)

94208 6Ed. 4/20/96 LAST NM N53/00 N24/01
(Panel A)
Delete "Quarantine anchorage" area in vicinity
29° 59′ 47.0″N 121° 47′ 03.0″E

Add Anchorage area [N12.1] bound by
purple dashed line joining 29° 59′ 31.0″N 121° 46′ 35.0″E
29° 59′ 31.0″N 121° 47′ 30.0″E
30° 00′ 45.0″N 121° 47′ 30.0″E
30° 00′ 45.0″N 121° 45′ 39.0″E
30° 00′ 31.0″N 121° 45′ 39.0″E
30° 00′ 31.0″N 121° 46′ 35.0″E
(5(44)01 Tianjin)

94208 6Ed. 4/20/96 LAST NM N53/00 N25/01
(Panel A)
Add "Gold Pond Anchorage" area [N12.1] bound by
purple dashed line joining 30° 00′ 00.5″N 121° 49′ 06.0″E
30° 00′ 00.5″N 121° 49′ 34.0″E
30° 00′ 30.5″N 121° 50′ 02.0″E
30° 00′ 45.0″N 121° 50′ 02.0″E
30° 00′ 45.0″N 121° 48′ 38.0″E
30° 00′ 30.5″N 121° 48′ 38.0″E
(5(45)01 Tianjin)

94208 6Ed. 4/20/96 LAST NM N25/01 N28/01
(Panel A)
Add Depth 6 meters 30° 00′ 26.9″N 121° 47′ 26.8″E
Depth 6.9 meters 29° 59′ 46.9″N 121° 47′ 26.8″E
Depth 6.6 meters 30° 00′ 06.9″N 121° 47′ 27.8″E
(7(76, 78)01 Tianjin)

94208 6Ed. 4/20/96 LAST NM N28/01 N42/01
(Panel A)
Add Double solid line with land tint (bridge) [D22]
166 meters wide on centerline between
29° 57′ 45.9″N 121° 43′ 25.4″E
29° 57′ 39.1″N 121° 43′ 41.0″E

Legend "HOR CL 160m VERT CL 32m"
29° 57′ 43.5″N 121° 43′ 38.5″E

Light QR 29° 57′ 43.0″N 121° 43′ 33.9″E
Light QR 29° 57′ 42.1″N 121° 43′ 32.4″E
Light Mo(A) 6s 29° 57′ 44.2″N 121° 43′ 30.3″E
Light Mo(A) 6s 29° 57′ 43.3″N 121° 43′ 29.8″E
Light QG 29° 57′ 45.4″N 121° 43′ 27.6″E
Light QG 29° 57′ 44.5″N 121° 43′ 27.1″E
Light Mo(C) Y 12s 29° 57′ 42.4″N 121° 43′ 34.9″E
Light Mo(C) Y 12s 29° 57′ 41.2″N 121° 43′ 34.3″E
(Cna CH 13384; 16(222)01 Tianjin)

94208 6Ed. 4/20/96 LAST NM N42/01 N44/02
(Panel A)
Change Visibility (range) of light to 9M
29° 58′ 32.0″N 121° 48′ 32.9″E

Add Light Fl(3) 10s 47m 10M 29° 58′ 22.0″N 121° 47′ 42.0″E
(24(386)01, 10(163)02 Tianjin)

94208 6Ed. 4/20/96 LAST NM N44/02 N37/08
(Panel A)
Add Beacon BRB, double ball topmark,
Fl(2) 5s 16m 10M [130.4] 29° 58′ 58.2″N 121° 48′ 16.8″E
(8(119)05 Tianjin; BA LL)

94208 6Ed. 4/20/96 LAST NM N37/08 N40/11
(Panel A)
Add Light Fl 10s 12m 10M 29° 57′ 01.8″N 121° 43′ 04.0″E
(51(1164)06 Tianjin)

94208 6Ed. 4/20/96 LAST NM N40/11 N35/13
(Panel A)
Add Buoy "No 1" BYB, double cone topmark bases
together, Q(3) 10s [Q130.3] 29° 59′ 22.7″N 121° 46′ 08.1″E
(24(891)13 Tianjin)

94208 6Ed. 4/20/96 LAST NM N35/13 N52/13
(Panel A)
Change Light to QG 10m 7M AIS 29° 58′ 40.4″N 121° 45′ 21.5″E
Light to Fl 5s 52m 18M Siren Racon (B) AIS
30° 00′ 02.5″N 121° 45′ 37.0″E

Add Land tint to area bound by shore and solid line
[F13] joining 29° 58′ 52.4″N 121° 44′ 50.7″E
29° 58′ 45.6″N 121° 43′ 56.9″E
29° 58′ 40.8″N 121° 43′ 51.4″E
29° 58′ 56.9″N 121° 42′ 45.7″E
29° 59′ 28.0″N 121° 41′ 33.2″E
29° 59′ 54.8″N 121° 40′ 45.0″E
and delete all hydrography and topography
within above area

Light Fl 4s 21m 7M 29° 58′ 24.1″N 121° 50′ 53.3″E
Depth 27.4 meters Wk [K26]
30° 00′ 11.5″N 121° 49′ 33.6″E
(2(1011)11 Tianjin; UKHO ARCS 1124-0, 1199-0, 1592-0; Cna LL)

94208 6Ed. 4/20/96 LAST NM N52/13 N7/14
(Panel A)
Add Submarine cable (power) [L31.1] joining
29° 58′ 21.8″N 121° 48′ 27.1″E
29° 58′ 17.5″N 121° 48′ 39.1″E
29° 58′ 17.6″N 121° 48′ 48.0″E
29° 58′ 04.5″N 121° 50′ 05.0″E

Submarine cable (power) [L31.1] joining
29° 58′ 21.8″N 121° 48′ 27.1″E
29° 58′ 09.7″N 121° 48′ 42.5″E
29° 58′ 04.9″N 121° 49′ 04.3″E
29° 57′ 57.8″N 121° 49′ 40.3″E
(44(1664)13 Tianjin)

★94216 9Ed. 8/4/12 NEW EDITION N41/12
(NGA)

94216 9Ed. 8/4/12 LAST NM N41/12 N8/13
Delete Dangerous wreck (PA) 30° 57′ 31″N 122° 10′ 07″E
Pilot station symbol and legend "No 3(N)"
31° 02′ 59″N 122° 18′ 50″E
Pilot station symbol and legend "No 3(S)"
31° 01′ 23″N 122° 18′ 24″E
Stranded wreck 31° 13′ 15″N 121° 53′ 44″E
Stranded wreck 31° 11′ 30″N 121° 56′ 21″E
Danger circle "Obstn" and legend "Zhongsha
Base Location" in vicinity 31° 11′ 29″N 121° 57′ 31″E
Buoy "D43" 31° 18′ 53″N 121° 44′ 38″E

Substitute Swept depth 4.1 meters Obstn [K42] for swept
depth 3.3 meters Obstn (PA) 31° 09′ 17″N 121° 51′ 47″E

Add Pilot station symbol [T1.2] with legend
"No 3(N)" 31° 03′ 24″N 122° 12′ 12″E
Pilot station symbol [T1.2] with legend
"No 3(S)" 31° 02′ 29″N 122° 12′ 12″E
AIS [S17.2] to buoy "D37" 31° 16′ 28″N 121° 51′ 13″E
AIS [S17.2] to buoy "D45" 31° 19′ 17″N 121° 43′ 33″E
AIS [S17.2] to buoy "No 10" 30° 57′ 50″N 122° 09′ 42″E
(32(1130, 1131), 34(1260)12 Tianjin; UKHO ARCS 1602-0, 1603-0)

94216 9Ed. 8/4/12 LAST NM N8/13 N46/13
Add AIS [S17.2] to buoy "D13" 31° 06′ 41″N 122° 17′ 46″E
(UKHO ARCS 1602-0)

94216 9Ed. 8/4/12 LAST NM N46/13 N8/14
Add Buoy "W133" BuY, pillar, cross topmark,
Al Oc BuY 3s [Q130.6] 30° 56′ 30″N 122° 11′ 13″E
Buoy "W134" BuY, pillar, cross topmark,
Al Oc BuY 3s [Q130.6] 30° 56′ 44″N 122° 11′ 16″E
(39(1474)13 Tianjin)

★94217 7Ed. 8/4/12 NEW EDITION N41/12
(NGA)

94217 7Ed. 8/4/12 LAST NM N41/12 N8/13
Delete Depth 9.6 meters Wk "(1945)" (PA)
31° 23′ 08.3″N 121° 37′ 43.8″E

Buoy "D43" 31° 18′ 52.8″N 121° 44′ 37.8″E

Add AIS [S17.2] to buoy "No 611"
31° 23′ 05.5″N 121° 47′ 04.0″E

AIS [S17.2] to buoy "D37" 31° 16′ 28.2″N 121° 51′ 12.6″E
AIS [S17.2] to buoy "D45" 31° 19′ 16.8″N 121° 43′ 33.0″E
(32(1131), 33(1205)12 Tianjin; UKHO ARCS 1603-0)

94217 7Ed. 8/4/12 LAST NM N8/13 N33/13
Change Vertical clearance of overhead cable to "30"
31° 20′ 38.9″N 121° 47′ 31.5″E
(23(863)13 Tianjin)

94217 7Ed. 8/4/12 LAST NM N33/13 N7/14
Relocate Buoy "No 303" from
31° 21′ 23.3″N 121° 42′ 49.8″E to
31° 21′ 20.0″N 121° 42′ 48.0″E
Buoy "No 304" from
31° 21′ 58.3″N 121° 41′ 55.8″E to
31° 21′ 52.0″N 121° 41′ 51.0″E
(46(1755)13 Tianjin)

★94218 6Ed. 8/11/12 NEW EDITION N41/12
(NGA)

94218 6Ed. 8/11/12 LAST NM N41/12 N8/13
Delete Depth 7.9 meters Obstn 31° 25′ 08.2″N 121° 29′ 21.5″E
Depth 15.5 meters 31° 23′ 43.4″N 121° 33′ 34.1″E

Add AIS [S17.2] to buoy "No 68"
31° 25′ 22.8″N 121° 29′ 45.0″E

AIS [S17.1] to light 31° 23′ 47.2″N 121° 31′ 08.3″E
(20(601), 32(1130), 33(1205)12 Tianjin)

94218 6Ed. 8/11/12 LAST NM N8/13 N46/13
Delete Purple dashed line (anchorage area limit)
between 31° 25′ 12.2″N 121° 32′ 23.9″E
31° 24′ 35.3″N 121° 33′ 35.0″E

Add Purple dashed line (anchorage area limit)
[N12.1] between 31° 25′ 12.2″N 121° 32′ 23.9″E
31° 24′ 43.7″N 121° 33′ 40.9″E
(Cna CH 13181)

★94219 3Ed. 8/18/12 NEW EDITION N41/12
(NGA)

★94220 5Ed. 1/8/11 NEW EDITION 18/11
(NGA)

94220 5Ed. 1/8/11 LAST NM 18/11 8/13
Delete Stranded wreck 31° 13.4′ N 121° 53.4′ E
Wreck 31° 11.5′ N 121° 56.3′ E
Danger circle "Obstn" 31° 11.3′ N 121° 57.0′ E

Swept depth 2.4 meters Wk "(1997)"
31° 02.2′ N 122° 02.9′ E
Pilot station symbol and legend "No 3(N)"
31° 03.0′ N 122° 18.8′ E
Pilot station symbol and legend "No 3(S)"
31° 01.4′ N 122° 18.4′ E

Dangerous wreck 30° 57.5′ N 122° 10.1′ E
Stranded wreck (PA) 30° 44.5′ N 122° 22.9′ E

Substitute Swept depth 4.1 meters Obstn [K42] for
3.3 meters Obstn 31° 09.3′ N 121° 51.8′ E
Depth 6.1 meters Wk [K26] for
dangerous wreck 30° 39.7′ N 121° 57.0′ E

(continued on next page)

94220 (Continued) 8/13

Change Buoy "No 25" to BRB, pillar, double ball topmark, Fl(2) 2s [Q130.4] with legend "(2 buoys)" 31° 24.1′ N 122° 20.1′ E

Buoy to "W51" BRB, pillar, double ball topmark, Fl(2) 5s [Q130.4] 31° 15.0′ N 122° 36.9′ E

Buoy to "No O" Mo(P) Y 12s AIS [Q130.6] 30° 47.9′ N 122° 05.9′ E

Rate of flood tide stream to "4-6 kn" 30° 48.7′ N 121° 52.7′ E

Rate of ebb tide stream to "3-4 kn" 30° 48.4′ N 121° 53.7′ E

Add Swept depth 9.3 meters Wk [K27] 31° 24.0′ N 122° 20.0′ E
AIS [S17.2] to buoy "Y36" 30° 46.7′ N 122° 29.7′ E
AIS [S17.2] to buoy "No 10" 30° 57.8′ N 122° 09.7′ E

Submarine cable (power) [L31.1] joining
30° 42.0′ N 122° 25.4′ E
30° 41.1′ N 122° 22.3′ E
30° 38.3′ N 122° 21.6′ E
30° 36.7′ N 122° 22.5′ E
30° 36.0′ N 122° 22.6′ E

(31(1083)11, 32(1130, 1131), 33(1206), 34(1260)12 Tianjin; UKHO ARCS 1124-0, 1602-0)

94220 5Ed. 1/8/11 LAST NM 8/13 10/13

Delete Depth 10.9 meters Obstn 30° 38.4′ N 122° 34.1′ E
Dangerous wreck 30° 39.8′ N 122° 31.2′ E
Racon from light 30° 41.5′ N 121° 25.2′ E
Depth 14.5 meters Obstn 30° 39.9′ N 122° 24.7′ E
Depth 1.7 meters Wk "(2004)" 31° 03.1′ N 122° 21.2′ E

Relocate Buoy from 31° 05.0′ N 121° 59.9′ E to 31° 05.5′ N 121° 59.7′ E

Substitute Depth 16.5 meters Wk [K26] for dangerous wreck 30° 39.3′ N 122° 36.9′ E
Depth 11 meters R [K14.1] for 11 meters Obstn 30° 38.3′ N 122° 35.3′ E
Depth 6 meters Wk [K26] for dangerous wreck 30° 41.4′ N 122° 29.8′ E

Add Swept depth 4.4 meters Wk [K27] 30° 47.1′ N 121° 57.0′ E

Swept depth 5.2 meters Obstn [K42] 31° 06.1′ N 121° 58.5′ E

(32(3514)12 Taunton; UKHO ARCS 1134-0, 1199-0, 1602-0)

94220 5Ed. 1/8/11 LAST NM 10/13 8/14

Delete Dangerous wreck 31° 41.5′ N 122° 08.3′ E
Stranded wreck "Rep (1941)" 31° 42.1′ N 122° 10.7′ E
Stranded wreck 31° 41.8′ N 122° 12.0′ E
Buoy "No 1" 30° 43.7′ N 122° 17.1′ E

Substitute Depth 31 meters Wk [K26] for dangerous wreck (PA) 30° 47.2′ N 122° 35.4′ E

Add Dangerous wreck [K28] 30° 58.0′ N 122° 33.3′ E

(36(1365, 1367, 1368), 39(1474)13 Tianjin)

★**94260** 7Ed. 9/1/12 NEW EDITION N1/13
(NGA)

94260 7Ed. 9/1/12 LAST NM N1/13 N16/13

Add Dangerous wreck [K28] (ED) 34° 50.0′ N 121° 05.0′ E

(Cna CH 12000)

94260 7Ed. 9/1/12 LAST NM N16/13 N36/13

Add Buoy Y, pillar, "X" topmark, Mo(O) Y 15s
33° 52.0′ N 120° 39.0′ E
Buoy Y, pillar, "X" topmark, Mo(O) Y 12s
33° 35.8′ N 120° 46.0′ E
Buoy Y, pillar, "X" topmark, Mo(O) Y 15s
33° 27.2′ N 120° 48.7′ E
Buoy Y, pillar, "X" topmark, Mo(O) Y 12s
33° 43.0′ N 120° 51.0′ E
Buoy Y, pillar, "X" topmark, Mo(O) Y 15s
34° 02.5′ N 120° 54.2′ E
Buoy Y, pillar, "X" topmark, Mo(O) Y 12s
34° 03.0′ N 120° 27.0′ E

Buoy "Q3" Y, pillar, "X" topmark, Mo(Q) Y 12s 33° 19.8′ N 120° 52.7′ E
Buoy "Q4" Y, pillar, "X" topmark, Mo(Q) Y 15s 33° 18.2′ N 120° 53.3′ E
Buoy "Q5" Y, pillar, "X" topmark, Mo(Q) Y 12s 33° 16.7′ N 120° 53.9′ E
Buoy "Q6" Y, pillar, "X" topmark, Mo(Q) Y 15s 33° 15.7′ N 120° 54.3′ E
Buoy "Q7" Y, pillar, "X" topmark, Mo(Q) Y 12s 33° 13.6′ N 120° 55.0′ E

(28(1007, 1008)13 Tianjin)

★**94280** 7Ed. 9/1/12 NEW EDITION N1/13
(NGA)

★**94281** 7Ed. 5/12/07 NEW EDITION N40/07
(NGA)

94281 7Ed. 5/12/07 LAST NM N40/07 N46/07

Add Buoy BYB, pillar, double cone topmark bases together, Q(3) 10s [Q130.3]
34° 46′ 53.7″N 119° 27′ 15.7″E

(24(720)07 Tianjin)

94281 7Ed. 5/12/07 LAST NM N46/07 N7/09

Add Dangerous wreck [K28] (PA)
34° 44′ 04.8″N 119° 28′ 18.5″E

(48(982)05 Tianjin)

94281 7Ed. 5/12/07 LAST NM N7/09 N10/11

Delete Buoy "No 202" 34° 44′ 52.2″N 119° 26′ 06.0″E

Legend "Works in progress (2004)"
34° 44′ 39.1″N 119° 26′ 00.0″E

Substitute Solid line for dashed line joining
34° 44′ 43.6″N 119° 25′ 46.0″E
34° 44′ 43.6″N 119° 25′ 58.0″E
34° 44′ 40.7″N 119° 26′ 10.0″E
and add land tint to area bound by shore and above solid line

Add Land tint to area bound by shore and solid line [F13] joining
34° 44′ 43.6″N 119° 25′ 59.4″E
34° 44′ 53.4″N 119° 25′ 59.5″E
34° 44′ 53.5″N 119° 26′ 54.3″E
34° 44′ 51.5″N 119° 26′ 54.3″E
34° 44′ 41.4″N 119° 26′ 40.5″E
and delete all hydrography within above area

Berth designation "24" [F19]
34° 44′ 51.7″N 119° 26′ 44.8″E
Berth designation "25" [F19]
34° 44′ 51.7″N 119° 26′ 33.5″E
Berth designation "26" [F19]
34° 44′ 51.8″N 119° 26′ 19.8″E
Berth designation "27" [F19]
34° 44′ 51.8″N 119° 26′ 06.0″E
Berth designation "28" [F19]
34° 44′ 47.9″N 119° 26′ 01.7″E
Berth designation "29" [F19]
34° 44′ 41.9″N 119° 25′ 50.4″E
Berth designation "30" [F19]
34° 44′ 41.9″N 119° 25′ 40.3″E
Light Iso R 4s 13m 4M 34° 44′ 53.6″N 119° 26′ 54.4″E

(34(1545)10 Tianjin; UKHO ARCS 878-0)

94281 7Ed. 5/12/07 LAST NM N10/11 N22/11

Change Characteristic of range beacon, front to QR
34° 44′ 07.4″N 119° 27′ 03.7″E
Characteristic of range beacon, rear to QR
34° 44′ 02.4″N 119° 26′ 59.9″E

(46(1728)09 Tianjin)

94281 7Ed. 5/12/07 LAST NM N22/11 N16/12

Relocate Buoy "No 53" from 34° 45′ 09.6″N 119° 26′ 07.4″E to
34° 45′ 08.0″N 119° 25′ 59.5″E

(35(1119)07 Tianjin)

94281 7Ed. 5/12/07 LAST NM N16/12 N31/12

Change Period of beacon to 12s 34° 42′ 14.8″N 119° 29′ 09.1″E

(43(1631)09 Tianjin)

94281 7Ed. 5/12/07 LAST NM N31/12 N40/12

Add Buoy "No 44" R, pillar, can topmark, Fl R 4s
34° 44′ 32.9″N 119° 28′ 22.1″E

(2(44)12 Tianjin)

94281 7Ed. 5/12/07 LAST NM N40/12 N15/13
Delete Range beacons (2) and dashed line between
34° 45′ 03.7″N 119° 28′ 29.7″E
34° 45′ 03.7″N 119° 27′ 01.0″E

Add Beacon, can topmark, Iso R 2s 30m 10M
34° 45′ 45.6″N 119° 25′ 00.4″E
Beacon, can topmark, Iso R 2s 53m 10M
34° 45′ 56.1″N 119° 24′ 28.9″E
Beacon, can topmark, Iso R 2s 91m 10M
34° 45′ 10.9″N 119° 27′ 48.2″E
Beacon, can topmark, Iso R 2s 126m 10M
34° 45′ 10.9″N 119° 28′ 22.0″E
(12(614-616)10 Tianjin)

★**94282** 9Ed. 6/6/98 NEW EDITION 37/98
Delete Blue tint and enclosing dotted-line circle
35° 57.7′ N 120° 29.2′ E
36° 00.9′ N 120° 30.0′ E
36° 01.2′ N 120° 29.7′ E
36° 01.6′ N 120° 29.9′ E
36° 02.9′ N 120° 27.0′ E
35° 57.4′ N 120° 22.1′ E
35° 57.2′ N 120° 22.1′ E
35° 57.2′ N 120° 17.7′ E
35° 57.0′ N 120° 17.7′ E
35° 56.8′ N 120° 17.9′ E
Note: Depths remains

Dotted-line circle 35° 59.5′ N 120° 21.9′ E
Note: Depth remains
(NIMA; Cna CH 9106, 9432)

94282 9Ed. 6/6/98 LAST NM 37/98 46/98
Delete Purple dashed line between 36° 06.0′ N 120° 16.8′ E
36° 06.0′ N 120° 14.5′ E

Dashed line between 36° 04.9′ N 120° 13.1′ E
36° 05.7′ N 120° 13.1′ E

Change Legend to "INNER ANCHORAGE"
36° 05′ 06″N 120° 15′ 38″E

Characteristic of range light,
front to FG 36° 05′ 26″N 120° 18′ 59″E
rear to FG 36° 06′ 35″N 120° 19′ 43″E

Add Range line extending in 254° direction from above rear light
dashed for 1,300 meters, thence
solid for 3,000 meters

Legend "Lts in line 074°"
along above range line 36° 05′ 09″N 120° 17′ 30″E

Purple dashed line (anchorage limit) joining
36° 06′ 01″N 120° 14′ 30″E
36° 06′ 01″N 120° 12′ 44″E
36° 07′ 37″N 120° 13′ 17″E
36° 07′ 37″N 120° 16′ 44″E
36° 06′ 01″N 120° 16′ 50″E

Dashed line (anchorage limit) joining
36° 04′ 50″N 120° 13′ 09″E
36° 04′ 50″N 120° 12′ 36″E
36° 05′ 40″N 120° 12′ 36″E
36° 05′ 40″N 120° 13′ 09″E
(GIMM014/98)

94282 9Ed. 6/6/98 LAST NM 46/98 17/99
Add Buoy
"1" Y, pillar, "X" topmark,
Mo(Q) Y 12s 35° 50′ 36″N 120° 10′ 27″E
"2" R, pillar 35° 51′ 48″N 120° 09′ 42″E
"3" G, pillar, Fl G 4s 35° 52′ 54″N 120° 09′ 16″E
"6" R, pillar 35° 53′ 50″N 120° 08′ 27″E

Light FR 35° 54′ 34″N 120° 08′ 14″E
(4(45)99 Tianjin)

94282 9Ed. 6/6/98 LAST NM 17/99 43/99
Delete Dangerous wreck (PA) 36° 04′ 34″N 120° 16′ 37″E
(NTM0033/1999)

94282 9Ed. 6/6/98 LAST NM 43/99 47/99
Add Foul ground symbol [K31] 35° 56′ 31″N 120° 33′ 40″E
(5(67)99 Tianjin)

94282 9Ed. 6/6/98 LAST NM 47/99 49/99
Add Legend "Port under construction (1998)"
36° 01′ 36″N 120° 13′ 42″E

Legend "Dredged channel (buoyed)" between
36° 01′ 36″N 120° 14′ 00″E
36° 01′ 48″N 120° 14′ 54″E
(35(3141)98 Taunton)

94282 9Ed. 6/6/98 LAST NM 49/99 30/00
Change Characteristic of light to Iso G 36° 05′ 36″N 120° 19′ 43″E
Characteristic of light to Iso G 36° 05′ 26″N 120° 19′ 00″E

Add Racon at light 35° 59′ 27″N 120° 19′ 40″E
(Cna LL)

94282 9Ed. 6/6/98 LAST NM 30/00 50/00
Add Light Fl 6s 16m 8M 35° 56′ 32″N 120° 19′ 36″E
(5(68)99 Tianjin)

94282 9Ed. 6/6/98 LAST NM 50/00 18/01
Add Light Fl(2) 10s 97m 12M 35° 54′ 02″N 120° 10′ 46″E
Light Fl(2) 6s 8m 6M 35° 53′ 04″N 120° 09′ 50″E
Light Fl(2) 6s 41m 3M 35° 59′ 47″N 120° 35′ 03″E

Buoy YB, pillar, double cone topmark points downward, Q(6) + L Fl 15s
35° 54′ 09″N 120° 13′ 42″E
(Cna CH 12339)

94282 9Ed. 6/6/98 LAST NM 18/01 31/01
Add Light L Fl 10s 21m 3M 36° 04′ 40″N 120° 35′ 00″E
(Cna CH 12339; Cna LL)

94282 9Ed. 6/6/98 LAST NM 18/01 32/01
Add Depth 13 meters 35° 56′ 49″N 120° 18′ 05″E
Depth 7.4 meters 35° 59′ 23″N 120° 22′ 05″E
(Cna CH 12351)

94282 9Ed. 6/6/98 LAST NM 32/01 41/01
Add Dangerous wreck [K28] 35° 48′ 17″N 120° 27′ 26″E
(15(194)01 Tianjin)

94282 9Ed. 6/6/98 LAST NM 41/01 46/02
Change Designation of buoy "62" to "2"
36° 01′ 28″N 120° 16′ 25″E
(27(498)02 Tianjin)

94282 9Ed. 6/6/98 LAST NM 46/02 8/03
Change Characteristic of light to Fl 8s 36° 04′ 36″N 120° 17′ 23″E
(45(813)02 Tianjin)

94282 9Ed. 6/6/98 LAST NM 8/03 7/04
Change Designation of buoy "51" to "501"
35° 53′ 12″N 120° 18′ 44″E
Designation of buoy "53" to "503"
35° 54′ 54″N 120° 19′ 59″E
Designation of buoy "55" to "505"
35° 56′ 36″N 120° 21′ 12″E
Designation of buoy "56" to "506"
35° 57′ 26″N 120° 21′ 47″E
Designation of buoy "57" to "507"
35° 58′ 08″N 120° 20′ 24″E
Designation of buoy "58" to "508"
35° 58′ 24″N 120° 21′ 24″E
Designation of buoy "59" to "509"
35° 59′ 18″N 120° 20′ 56″E
Designation of buoy "60" to "510"
35° 59′ 47″N 120° 20′ 08″E
Designation of buoy "61" to "511"
36° 00′ 00″N 120° 20′ 28″E

Light to Fl(2) 5s 18m 15M Racon
35° 59′ 27″N 120° 19′ 40″E

Add Buoy BRB, pillar, double ball topmark, Fl(2) 5s
35° 59′ 51″N 120° 24′ 16″E
(17(311), 18(327), 30(618)03 Tianjin)

94282 9Ed. 6/6/98 LAST NM 7/04 13/04
Change Buoy to pillar, double ball topmark
35° 59′ 51″N 120° 24′ 16″E
(See 7/04-94282)

(continued on next page)

94282 (Continued) 13/04
Add Dangerous wreck [K28] 35° 59′ 45″N 120° 24′ 21″E
Depth 8.9 meters Wk [K26] 36° 03′ 53″N 120° 14′ 03″E
(52(1129, 1130, 1137)03 Tianjin)

94282 9Ed. 6/6/98 LAST NM 13/04 6/08
Delete Submarine cable joining 36° 03′ 08″N 120° 21′ 41″E
36° 00′ 22″N 120° 33′ 28″E
36° 00′ 36″N 120° 53′ 15″E

Add Submarine cable [L30.1] joining
36° 03′ 10″N 120° 21′ 42″E
36° 02′ 18″N 120° 22′ 59″E
36° 02′ 13″N 120° 23′ 21″E
36° 02′ 19″N 120° 23′ 54″E
36° 01′ 18″N 120° 26′ 42″E
36° 01′ 06″N 120° 34′ 00″E
35° 57′ 50″N 120° 44′ 29″E
35° 57′ 55″N 120° 45′ 06″E
35° 58′ 51″N 120° 46′ 30″E
35° 58′ 32″N 120° 53′ 15″E
(2(41)06 Inchon; 26(800)07 Tianjin)

94282 9Ed. 6/6/98 LAST NM 6/08 2/09
Add Submarine cable [L30.1] joining
36° 05′ 14″N 120° 27′ 41″E
36° 04′ 50″N 120° 28′ 41″E
36° 02′ 31″N 120° 31′ 45″E
36° 02′ 18″N 120° 32′ 03″E
35° 57′ 38″N 120° 44′ 31″E
35° 57′ 48″N 120° 45′ 13″E
35° 58′ 31″N 120° 46′ 03″E
35° 58′ 41″N 120° 46′ 33″E
35° 58′ 21″N 120° 53′ 15″E

Submarine cable [L30.1] joining
36° 05′ 14″N 120° 27′ 41″E
36° 05′ 09″N 120° 27′ 41″E
36° 04′ 52″N 120° 28′ 48″E
36° 04′ 39″N 120° 29′ 04″E
36° 03′ 25″N 120° 30′ 38″E
36° 01′ 15″N 120° 36′ 22″E
36° 00′ 42″N 120° 36′ 56″E
35° 59′ 34″N 120° 40′ 37″E
36° 00′ 14″N 120° 42′ 59″E
35° 59′ 05″N 120° 53′ 15″E
(6(85)02 Inchon)

94282 9Ed. 6/6/98 LAST NM 2/09 38/10
Add Beacon G, Iso G 4s 18m 10M 36° 03′ 25″N 120° 14′ 34″E
Beacon R, Iso R 4s 18m 6M 36° 03′ 09″N 120° 14′ 36″E
(4(158)10 Tianjin)

94282 9Ed. 6/6/98 LAST NM 38/10 39/10
Change Light to Fl 6s 116m 15M Racon (O)
36° 08′ 11″N 120° 42′ 38″E
(4(50)06 Tianjin)

94282 9Ed. 6/6/98 LAST NM 39/10 16/11
Add Buoy Y, pillar, "X" topmark, Mo(O) Y 12s
[Q130.6] 35° 49′ 00″N 120° 13′ 00″E
(8(170)11 Tianjin)

94282 9Ed. 6/6/98 LAST NM 16/11 32/11
Add Danger circle [K1] "Unexploded ordnance"
35° 59′ 36″N 120° 45′ 30″E
(20(408)05 Tianjin)

94282 9Ed. 6/6/98 LAST NM 32/11 40/12
Delete Depth 16 meters 35° 57′ 12″N 120° 22′ 06″E
Depth 16 meters 35° 57′ 24″N 120° 22′ 06″E
(21(681)11 Tianjin)

94282 9Ed. 6/6/98 LAST NM 40/12 7/13
Delete Dangerous wreck 36° 04′ 18″N 120° 13′ 58″E
Buoy (mooring) 36° 03′ 59″N 120° 13′ 42″E

Change Light to Iso 4s 12m 10M 36° 05′ 22″N 120° 18′ 10″E
(UKHO ARCS 876-0)

94282 9Ed. 6/6/98 LAST NM 7/13 8/13
Delete Wreck (PA) 36° 02′ 32″N 120° 16′ 26″E

Substitute Depth 34 meters for 35 meters Rk
36° 02′ 48″N 120° 15′ 11″E
(UKHO ARCS 876-0)

94282 9Ed. 6/6/98 LAST NM 8/13 12/13
Delete Buoy "2" 36° 01′ 28″N 120° 16′ 25″E
Pilot station symbol 36° 01′ 59″N 120° 18′ 15″E

Change Period of light to 7s 36° 03′ 09″N 120° 19′ 05″E

Add Pilot station symbol [T1.1] 36° 01′ 24″N 120° 20′ 11″E
(UKHO ARCS 876-0)

94282 9Ed. 6/6/98 LAST NM 12/13 13/13
Add Depth 17.9 meters Obstn [K41] 36° 02′ 22″N 120° 24′ 57″E

Submarine cable [L30.1] joining
36° 03′ 09″N 120° 21′ 40″E
36° 01′ 59″N 120° 23′ 21″E
36° 02′ 12″N 120° 23′ 54″E
36° 00′ 34″N 120° 28′ 04″E
36° 00′ 20″N 120° 33′ 30″E
36° 01′ 12″N 120° 36′ 09″E
36° 00′ 36″N 120° 53′ 15″E
(Cna CH 12351; UKHO ARCS 1502-0)

94282 9Ed. 6/6/98 LAST NM 13/13 36/13
Change Light to Fl(2) 6s 50m 15M 35° 59′ 47″N 120° 35′ 03″E
(39(1263)07 Tianjin)

★**94283** 8Ed. 7/12/08 NEW EDITION N34/08
(NGA)

94283 8Ed. 7/12/08 LAST NM N34/08 N18/09
Delete Pilot station symbol and purple dashed-line
circle in vicinity 36° 02′ 00.0″N 120° 18′ 20.0″E

Pilot station symbol and legend "Vessels with
draft > 15m" 36° 01′ 16.0″N 120° 19′ 52.0″E

Depth 11.9 meters 36° 05′ 14.0″N 120° 18′ 17.0″E
Depth 5.9 meters 36° 05′ 31.6″N 120° 19′ 33.0″E
Depth 12.1 meters 36° 05′ 40.8″N 120° 19′ 29.0″E

Add Land tint to area bound by shore and solid line
[F13] joining 36° 05′ 45.5″N 120° 19′ 40.0″E
36° 05′ 36.4″N 120° 19′ 21.1″E
36° 05′ 34.5″N 120° 19′ 30.5″E
and delete depths, depth contours, legend and
blue tint within above area

Legend "Wharf No 4" 36° 05′ 43.0″N 120° 19′ 32.0″E
Depth 11.7 meters 36° 05′ 47.0″N 120° 19′ 33.0″E
Depth 6.4 meters 36° 05′ 32.0″N 120° 19′ 31.5″E
Depth 12.7 meters 36° 05′ 35.0″N 120° 19′ 21.0″E
Depth 7.8 meters 36° 05′ 26.5″N 120° 19′ 11.5″E
Depth 12.7 meters 36° 05′ 16.0″N 120° 18′ 20.0″E
Depth 13.2 meters 36° 05′ 13.0″N 120° 17′ 47.5″E
Depth 13 meters 36° 05′ 05.0″N 120° 17′ 25.0″E
Depth 10.9 meters 36° 04′ 43.0″N 120° 16′ 33.5″E
Light Fl 4s 36° 04′ 15.8″N 120° 12′ 51.0″E
(BA CH 876)

94283 8Ed. 7/12/08 LAST NM N18/09 N38/10
Add Beacon G, Iso G 4s 18m 10M
36° 03′ 24.5″N 120° 14′ 34.3″E
Beacon R, Iso R 4s 18m 6M
36° 03′ 09.0″N 120° 14′ 35.8″E
(4(158)10 Tianjin)

94283 8Ed. 7/12/08 LAST NM N38/10 N7/13
Delete Buoy "No 213" 36° 03′ 58.8″N 120° 13′ 24.0″E

Relocate Buoy "No 212" from
36° 03′ 46.5″N 120° 13′ 16.5″E to
36° 03′ 52.5″N 120° 13′ 15.2″E
Buoy "No 208" from
36° 03′ 56.5″N 120° 14′ 35.0″E to
36° 03′ 59.5″N 120° 14′ 46.0″E
Buoy "No 200" from
36° 03′ 37.5″N 120° 14′ 49.5″E to
36° 03′ 47.5″N 120° 15′ 00.5″E

Change Light to Iso W 4s 12m 10M 36° 05′ 21.3″N 120° 18′ 10.2″E

Add Buoy "No 213" YBY, pillar, double cone
topmark points together, Q(9) W 15s [Q130.3]
36° 03′ 51.5″N 120° 13′ 28.8″E
Buoy "No 214" BYB, pillar, double cone
topmark bases together, Q(3) W 10s [Q130.3]
36° 04′ 20.5″N 120° 13′ 54.0″E
(UKHO ARCS 876-0)

94283 8Ed. 7/12/08 LAST NM N7/13 N8/13

Delete Purple dashed line (ferry route) joining
36° 04′ 03.5″N 120° 17′ 38.1″E
36° 02′ 25.8″N 120° 14′ 24.0″E
36° 02′ 46.2″N 120° 13′ 42.5″E

Buoy "No 304" 36° 02′ 01.7″N 120° 14′ 39.9″E
Legend "CAUTION NO 1" 36° 02′ 13.5″N 120° 16′ 11.5″E

Relocate Buoy "Y1" from
36° 02′ 13.9″N 120° 14′ 51.2″E to
36° 02′ 11.2″N 120° 14′ 37.7″E
Buoy "Y2" from
36° 02′ 21.8″N 120° 14′ 41.8″E to
36° 02′ 22.5″N 120° 14′ 30.0″E
Buoy "No 302" from
36° 02′ 03.4″N 120° 14′ 53.3″E to
36° 02′ 01.9″N 120° 14′ 44.2″E

Substitute Solid line with land tint for dashed line in
vicinity 36° 03′ 23.0″N 120° 14′ 07.5″E
and delete legend "Works in Progress (2007)"

Light FR for light symbol and legend
"(exting)" 36° 03′ 04.7″N 120° 14′ 36.0″E
Light FG for light symbol and legend
"(exting)" 36° 02′ 49.0″N 120° 14′ 32.5″E
Light FR for light symbol and legend
"(exting)" 36° 02′ 28.8″N 120° 13′ 40.2″E

Depth 34 meters for 35 meters Obstn
36° 02′ 47.7″N 120° 15′ 11.2″E

Change Designation of buoy "L4" to "No 306"
36° 02′ 07.3″N 120° 14′ 15.1″E
Designation of buoy "No 306" to "No 304"
36° 02′ 03.5″N 120° 14′ 31.7″E

Line 2 of Caution No. 1 to "in the vicinity of
36° 02′ 48″N 120° 16′ 00″E."
36° 05′ 13.0″N 120° 23′ 06.0″E

Legend "No 1" to "TSS NO 1 (SEE NOTE)"
36° 01′ 39.8″N 120° 18′ 08.5″E

Add Double solid line with land tint (pier) [F14]
between 36° 03′ 17.5″N 120° 14′ 12.1″E
36° 03′ 17.5″N 120° 14′ 36.3″E

Solid line joining 36° 03′ 17.5″N 120° 14′ 36.0″E
36° 03′ 14.7″N 120° 14′ 36.0″E
36° 03′ 13.2″N 120° 14′ 34.6″E
36° 03′ 11.4″N 120° 14′ 34.6″E
36° 03′ 09.8″N 120° 14′ 35.8″E
36° 03′ 09.0″N 120° 14′ 35.8″E

Solid line joining 36° 03′ 17.5″N 120° 14′ 36.0″E
36° 03′ 19.1″N 120° 14′ 36.0″E
36° 03′ 20.7″N 120° 14′ 34.0″E
36° 03′ 24.5″N 120° 14′ 34.3″E

Light Fl(2) G 5s 36° 02′ 46.1″N 120° 14′ 31.0″E
Light Fl(2) R 5s 36° 02′ 29.5″N 120° 14′ 30.9″E

Seaplane operating area symbol [N13] with
legend "CAUTION NO 1" 36° 02′ 48.0″N 120° 16′ 00.0″E

Purple dashed line (ferry route) [M50] joining
36° 04′ 03.5″N 120° 17′ 38.1″E
36° 02′ 20.6″N 120° 14′ 35.6″E
36° 02′ 36.3″N 120° 13′ 52.1″E
36° 02′ 44.2″N 120° 13′ 41.8″E

Purple circle with legend "V-AIS"
36° 01′ 55.7″N 120° 16′ 42.7″E

Note from Subsection I-2 36° 06′ 54.0″N 120° 25′ 00.0″E
(UKHO ARCS 876-0)

94283 8Ed. 7/12/08 LAST NM N8/13 N10/13

Delete Buoy "X3" 36° 00′ 36.4″N 120° 15′ 03.1″E

Dashed line and legend "Works in Progress
(2006)" in vicinity 36° 00′ 22.0″N 120° 14′ 20.5″E

Substitute Solid line with land tint for dashed line in
vicinity 36° 00′ 00.3″N 120° 13′ 05.0″E
and delete legends "Works in Progress (2006)"
(2)

Add Buoy "No 334" R, pillar, can topmark, Fl R 4s
36° 01′ 42.0″N 120° 14′ 58.5″E
Buoy "L1" R, pillar, can topmark, Fl(2) R 6s
36° 00′ 50.5″N 120° 13′ 18.7″E

Buoy "L2" R, pillar, can topmark, Fl(3) R 10s
35° 59′ 54.0″N 120° 12′ 11.0″E

Buoy "L3" BY, pillar, double cone topmark
points upward, Q [Q130.3] 35° 59′ 59.5″N 120° 12′ 02.5″E

"Under construction (2010)" area [F32] bound
by shore and dashed line with land tint joining
36° 00′ 26.6″N 120° 13′ 25.9″E
36° 00′ 53.5″N 120° 14′ 09.0″E
36° 00′ 33.0″N 120° 14′ 26.1″E
36° 00′ 38.9″N 120° 14′ 35.9″E
36° 00′ 38.4″N 120° 14′ 36.4″E
36° 00′ 47.5″N 120° 14′ 51.3″E
36° 01′ 04.0″N 120° 14′ 35.5″E
36° 01′ 20.0″N 120° 15′ 00.8″E
36° 00′ 50.0″N 120° 15′ 29.5″E
36° 00′ 31.7″N 120° 15′ 00.5″E
36° 00′ 31.7″N 120° 14′ 58.5″E
36° 00′ 29.0″N 120° 14′ 56.7″E
and delete all hydrography and topography
within above area
(UKHO ARCS 876-0)

94283 8Ed. 7/12/08 LAST NM N10/13 N11/13

Delete Dashed line and legend "Works in Progress
(2006)" in vicinity 36° 00′ 10.0″N 120° 16′ 25.5″E
Dashed line and legend "Works in Progress
(2007)" in vicinity 35° 59′ 25.0″N 120° 16′ 13.0″E
Dashed line and legend "Works in Progress
(2007)" in vicinity 35° 59′ 16.5″N 120° 15′ 14.0″E

Substitute Solid line with land tint for dashed line in
vicinity 35° 59′ 35.0″N 120° 14′ 35.0″E
and delete legend "Works in Progress (2006)"

Add Land tint to area bound by shore and solid line
[F13] joining 36° 00′ 24.1″N 120° 15′ 00.5″E
36° 00′ 24.0″N 120° 15′ 03.3″E
36° 00′ 07.5″N 120° 14′ 53.5″E
36° 00′ 08.5″N 120° 14′ 53.0″E
36° 00′ 09.0″N 120° 14′ 50.1″E
and delete all hydrography within above area

Land tint to area bound by shore and solid line
[F13] between 35° 59′ 56.3″N 120° 14′ 31.6″E
36° 00′ 00.0″N 120° 14′ 33.0″E

Solid line (breakwater) [F4.1] joining
36° 00′ 00.0″N 120° 14′ 33.0″E
35° 59′ 59.5″N 120° 14′ 36.0″E
36° 00′ 00.0″N 120° 14′ 40.0″E

Buoy "L5" G, pillar, cone topmark, QG
35° 59′ 51.2″N 120° 15′ 02.6″E

Buoy "No 403" G, pillar, cone topmark,
Fl(2) G 6s 35° 59′ 43.0″N 120° 14′ 58.0″E

Land tint to area bound by shore and solid line
[F13] joining 35° 59′ 16.9″N 120° 14′ 29.4″E
35° 59′ 14.8″N 120° 14′ 37.3″E
35° 59′ 03.6″N 120° 14′ 32.7″E
35° 59′ 04.6″N 120° 14′ 32.4″E
35° 59′ 04.6″N 120° 14′ 29.6″E
35° 59′ 02.5″N 120° 14′ 28.0″E
35° 59′ 06.0″N 120° 14′ 15.5″E
35° 59′ 03.9″N 120° 14′ 15.2″E
and delete all hydrography within above area

Land tint to area bound by shore and solid line
[F13] joining 35° 59′ 00.2″N 120° 15′ 13.5″E
35° 59′ 19.0″N 120° 15′ 07.1″E
35° 59′ 20.5″N 120° 15′ 12.7″E
35° 59′ 18.3″N 120° 15′ 13.5″E
35° 59′ 20.0″N 120° 15′ 20.0″E
35° 59′ 22.0″N 120° 15′ 19.2″E
35° 59′ 22.5″N 120° 15′ 21.0″E
35° 59′ 20.5″N 120° 15′ 22.0″E
35° 59′ 22.0″N 120° 15′ 27.5″E
35° 59′ 24.2″N 120° 15′ 27.0″E
35° 59′ 25.3″N 120° 15′ 31.6″E
and delete all hydrography within above area
and add blue tint area seaward of above
Note: Area extends beyond chart border

Depth 7.6 meters 35° 59′ 20.0″N 120° 15′ 14.5″E
Depth 6.1 meters 35° 59′ 23.0″N 120° 15′ 22.5″E

(continued on next page)

94283 (Continued) 11/13

Land tint to area bound by shore and solid line
[F13] joining 35° 59′ 32.0″N 120° 15′ 46.5″E
35° 59′ 40.2″N 120° 16′ 17.2″E
35° 59′ 19.2″N 120° 16′ 25.5″E
35° 59′ 22.8″N 120° 16′ 40.2″E
35° 59′ 51.2″N 120° 16′ 28.7″E
35° 59′ 52.0″N 120° 16′ 31.1″E
35° 59′ 55.9″N 120° 16′ 29.4″E
35° 59′ 55.2″N 120° 16′ 27.1″E
35° 59′ 58.3″N 120° 16′ 25.8″E
35° 59′ 58.9″N 120° 16′ 27.1″E
36° 00′ 04.2″N 120° 16′ 29.4″E
36° 00′ 05.4″N 120° 16′ 28.7″E
36° 00′ 04.4″N 120° 16′ 25.9″E
36° 00′ 10.2″N 120° 16′ 26.4″E
and delete all hydrography within above area
and add blue tint area seaward of above

"Works in Progress (2011)" area [F32] bound
by shore and dashed line joining
35° 59′ 58.3″N 120° 16′ 25.8″E
36° 00′ 03.5″N 120° 16′ 23.7″E
36° 00′ 04.4″N 120° 16′ 25.9″E

Double solid line with land tint (breakwater
extension) [F4.1] between 36° 00′ 18.0″N 120° 16′ 16.0″E
36° 00′ 18.0″N 120° 16′ 13.0″E

Buoy "No 1" R, pillar, can topmark,
Fl(3) R 10s 36° 00′ 25.5″N 120° 16′ 13.0″E
(UKHO ARCS 876-0)

94283 8Ed. 7/12/08 LAST NM N11/13 N12/13

Delete Dashed line and legend "Works in Progress
(2007)" in vicinity 36° 00′ 31.5″N 120° 16′ 42.0″E

Add Land tint to area bound by shore and solid line
[F13] joining 36° 00′ 18.9″N 120° 16′ 26.3″E
36° 00′ 22.5″N 120° 16′ 26.3″E
36° 00′ 24.0″N 120° 16′ 24.5″E
36° 00′ 36.8″N 120° 16′ 41.8″E
36° 00′ 34.7″N 120° 16′ 43.9″E
36° 00′ 38.6″N 120° 16′ 49.8″E
36° 00′ 39.5″N 120° 16′ 54.7″E
and delete all hydrography within above area
and add blue tint area seaward of above

"Works in Progress (2010)" area [F32] bound
by shore and dashed line joining
36° 00′ 36.8″N 120° 16′ 41.8″E
36° 00′ 44.5″N 120° 16′ 51.8″E
36° 00′ 41.9″N 120° 16′ 55.9″E
and delete all hydrography within above area

Double solid line with land tint (breakwater)
[F4.1] joining 36° 00′ 44.8″N 120° 16′ 57.0″E
36° 00′ 45.7″N 120° 16′ 56.0″E
36° 00′ 45.7″N 120° 16′ 52.0″E

Depth 8.7 meters, blue tint and enclosing
depth contour (10-meter) centered
36° 00′ 58.1″N 120° 16′ 36.3″E

Anchorage area "No 1" [N12.2] bound by
purple dashed line joining 36° 03′ 03.6″N 120° 19′ 35.2″E
36° 03′ 03.6″N 120° 19′ 53.1″E
36° 02′ 39.5″N 120° 20′ 00.2″E
36° 02′ 39.5″N 120° 19′ 35.5″E

Anchorage area "No 2" [N12.2] bound by
purple dashed line joining 36° 02′ 51.5″N 120° 18′ 12.8″E
36° 02′ 51.5″N 120° 18′ 55.7″E
36° 02′ 29.5″N 120° 19′ 07.9″E
36° 02′ 29.5″N 120° 18′ 12.8″E

Pilot station symbol [T1.2] with legend
"Vessels with draft less than 15m"
36° 01′ 24.0″N 120° 20′ 11.0″E
(UKHO ARCS 876-0)

94283 8Ed. 7/12/08 LAST NM N12/13 N13/13

Add Depth 17.9 meters Obstn [K41]
36° 02′ 21.8″N 120° 24′ 56.7″E
Buoy "W12" Y, pillar, "X" topmark,
Mo(K) Y 12s [Q130.6] 36° 00′ 23.3″N 120° 24′ 23.2″E
Buoy "W13" Y, pillar, "X" topmark,
Mo(K) Y 12s [Q130.6] 36° 00′ 37.2″N 120° 24′ 26.7″E
(UKHO ARCS 1502-0)

★**94287** 2Ed. 5/11/96 NEW EDITION N33/96
(DMA)

94287 2Ed. 5/11/96 LAST NM N33/96 N8/97

(Plan A)

Add Purple dashed-line circle
"Unexploded Ordnance" (PA)
36° 07′ 49.5″N 120° 45′ 17.0″E
(24(200)96 Tianjin)

94287 2Ed. 5/11/96 LAST NM N8/97 N17/97

(Panel A)

Add Submarine cable joining 36° 00′ 34″N 120° 28′ 59″E
36° 00′ 22″N 120° 33′ 28″E
36° 01′ 12″N 120° 36′ 10″E
36° 00′ 45″N 120° 49′ 02″E
(5(50)97 Tianjin)

94287 2Ed. 5/11/96 LAST NM 17/97 39/97
(Previously Limited Distribution)

Delete Limited Distribution note
in right lower margin of chart

Legend "LIMITED DISTRIBUTION"
in upper left margin of chart
(NIMA)

94287 2Ed. 5/11/96 LAST NM 39/97 7/98

(Plan A)

Add Racon at light 36° 08′ 06″N 120° 42′ 44″E
(23(223)97 Tianjin)

94287 2Ed. 5/11/96 LAST NM 7/98 17/99

(Plan B)

Add Buoy
"1" Y, pillar, "X" topmark,
Mo(Q) Y 12s 35° 50′ 36″N 120° 10′ 27″E
"2" R, pillar 35° 51′ 48″N 120° 09′ 42″E
"3" G, pillar, Fl G 4s 35° 52′ 54″N 120° 09′ 16″E
"6" R, pillar 35° 53′ 50″N 120° 08′ 27″E

Light FR 35° 54′ 34″N 120° 08′ 14″E
(4(45)99 Tianjin)

94287 2Ed. 5/11/96 LAST NM 17/99 18/01

(Plan A)

Add Light Fl(2) 6s 41m 3M 35° 59′ 47.0″N 120° 35′ 03.0″E

(Plan B)

Add Light Fl(2) 10s 97m 12M 35° 54′ 02.0″N 120° 10′ 46.0″E
Light Fl(2) 6s 8m 6M 35° 53′ 04.0″N 120° 09′ 50.0″E

Buoy YB, pillar, double cone topmark
points downward, Q(6) + L Fl 15s
35° 54′ 09.0″N 120° 13′ 42.0″E
(Cna CH 12339)

94287 2Ed. 5/11/96 LAST NM 18/01 31/01

(Plan A)

Add Light L Fl 10s 21m 3M 36° 04′ 40.0″N 120° 35′ 00.0″E
(Cna CH 12339; Cna LL)

94287 2Ed. 5/11/96 LAST NM 31/01 6/08

(Plan A)

Delete Submarine cable joining 36° 00′ 34.0″N 120° 28′ 59.0″E
36° 00′ 22.0″N 120° 33′ 28.0″E
36° 01′ 12.0″N 120° 36′ 10.0″E
36° 00′ 45.0″N 120° 49′ 02.0″E
(2(41)06 Inchon)

94287 2Ed. 5/11/96 LAST NM 6/08 2/09

(Plan A)

Add Submarine cable [L30.1] joining
36° 04′ 36.5″N 120° 28′ 59.1″E
36° 02′ 31.2″N 120° 31′ 45.3″E
36° 02′ 18.0″N 120° 32′ 02.8″E
35° 59′ 30.1″N 120° 38′ 12.4″E

Submarine cable [L30.1] joining
36° 04′ 43.0″N 120° 28′ 59.1″E
36° 04′ 39.0″N 120° 29′ 04.2″E
36° 03′ 24.6″N 120° 30′ 38.3″E
36° 01′ 14.7″N 120° 36′ 22.2″E
36° 00′ 41.6″N 120° 36′ 56.4″E
35° 59′ 33.5″N 120° 40′ 36.9″E
36° 00′ 13.7″N 120° 42′ 59.3″E
35° 59′ 33.1″N 120° 49′ 02.1″E
(6(85)02 Inchon)

94287 2Ed. 5/11/96 LAST NM 2/09 39/10
(Plan A)
Change Light to Fl 6s 116m 15M Racon (O)
36° 08′ 06.0″N 120° 42′ 44.0″E
(4(50)06 Tianjin)

94287 2Ed. 5/11/96 LAST NM 39/10 32/11
(Plan A)
Add Danger circle [K1] "Unexploded ordnance"
35° 59′ 36.0″N 120° 45′ 30.0″E
(20(408)05 Tianjin)

94287 2Ed. 5/11/96 LAST NM 32/11 36/13
(Plan A)
Change Light to Fl(2) 6s 50m 15M 35° 59′ 47.0″N 120° 35′ 03.0″E
(39(1263)07 Tianjin)

★**94290** 3Ed. 1/15/11 NEW EDITION 18/11
(NGA)

94290 3Ed. 1/15/11 LAST NM 18/11 40/12
Delete Depth 16 meters and enclosing dotted-line circle centered 35° 57.2′ N 120° 22.2′ E
(21(681)11 Tianjin)

94290 3Ed. 1/15/11 LAST NM 40/12 10/13
Add Dangerous wreck [K28] 36° 39.5′ N 122° 25.7′ E
(5(558)13 Taunton)

★**94322** 14Ed. 5/18/96 NEW EDITION 33/96
(DMA)

94322 14Ed. 5/18/96 LAST NM 33/96 11/98
(And Plan)
Delete Light 37° 33′ 44″N 121° 30′ 54″E

Add Light Fl 15s 78m 20M Racon
37° 33′ 45.1″N 121° 30′ 55.6″E
(1(11)98 Tianjin)

94322 14Ed. 5/18/96 LAST NM 11/98 22/98
(And Plan)
Add Land tint to area bound by shore and solid line joining 37° 33′ 26.8″N 121° 22′ 30.0″E
37° 33′ 34.2″N 121° 22′ 59.5″E
37° 33′ 46.0″N 121° 22′ 58.0″E
37° 33′ 38.0″N 121° 22′ 27.8″E

(Plan)
Add Legend "Works in progress (1997)"
37° 34′ 16.0″N 121° 22′ 49.0″E
(45(4037)97 Taunton)

94322 14Ed. 5/18/96 LAST NM 22/98 50/98
Add "CULTIVATION AREA (CAUTION NO 3)" bound by purple dashed line joining
37° 38′ 34″N 122° 01′ 30″E
37° 38′ 34″N 122° 07′ 30″E
37° 36′ 34″N 122° 07′ 30″E
37° 36′ 34″N 122° 01′ 30″E

(Plan)
Add Caution No 3 to CAUTIONS note "3. Mariners should not enter the cultivation area without local knowledge." 37° 30′ 00″N 121° 22′ 12″E
(13(122)98 Tianjin)

94322 14Ed. 5/18/96 LAST NM 50/98 13/99
Add "ANCHORING AND FISHING PROHIBITED" area bound by chart border and purple composite line
joining 37° 53′ 00″N 121° 24′ 00″E
37° 41′ 25″N 121° 21′ 41″E
37° 41′ 32″N 121° 20′ 39″E
37° 34′ 49″N 121° 19′ 04″E

joining 37° 53′ 00″N 121° 21′ 33″E
37° 41′ 42″N 121° 19′ 10″E
37° 41′ 37″N 121° 20′ 09″E
37° 36′ 48″N 121° 19′ 00″E
Note: Area extends beyond chart border

(And Plan)
Add Light FG 13m 8M 37° 35′ 34.9″N 121° 22′ 35.0″E
(22(212), 23(232)98 Tianjin)

94322 14Ed. 5/18/96 LAST NM 13/99 17/99
(And Plan)
Delete "PILOT...NO 1" area in vicinity
37° 34′ 30″N 121° 25′ 30″E

Add "PILOT AND QUARANTINE ANCHORAGE NO 1" area bound by purple dashed line joining
37° 33′ 11″N 121° 24′ 42″E
37° 33′ 30″N 121° 25′ 38″E
37° 34′ 45″N 121° 25′ 50″E
37° 34′ 17″N 121° 24′ 25″E
(4(55)99 Tianjin)

94322 14Ed. 5/18/96 LAST NM 17/99 50/00
Add Light Q 37° 35′ 39″N 121° 23′ 28″E
Light FR 9m 6M 37° 35′ 25″N 121° 22′ 46″E

(Plan A)
Add Buoy "1" RGR, pillar, can topmark, Fl(2+1) R 9s 37° 35′ 43.0″N 121° 23′ 17.3″E
Buoy "3" R, pillar, can topmark, Fl R 4s 37° 35′ 49.7″N 121° 23′ 11.3″E
Buoy "5" BYB, pillar, double cone topmark bases together 37° 35′ 45.2″N 121° 23′ 03.5″E

Light Q 37° 35′ 39.3″N 121° 23′ 27.8″E
Light FR 9m 6M 37° 35′ 24.5″N 121° 22′ 45.9″E
(5(66), 6(73, 79)99 Tianjin)

94322 14Ed. 5/18/96 LAST NM 50/00 53/00
Delete "CULTIVATION AREA" in vicinity
37° 37′ 30″N 122° 04′ 30″E

Add "CULTIVATION AREA-CAUTION NO 3" bound by purple dashed line joining
37° 37′ 26″N 121° 59′ 30″E
37° 36′ 05″N 121° 59′ 30″E
37° 36′ 05″N 122° 07′ 30″E
37° 37′ 26″N 122° 07′ 30″E

Buoy "5" Y, conical, "X" topmark, Mo(F) Y 12s 37° 37′ 26″N 122° 07′ 30″E
Buoy "6" Y, conical, "X" topmark, Mo(F) Y 12s 37° 36′ 05″N 122° 07′ 30″E
Buoy "1" Y, conical, "X" topmark, Mo(F) Y 12s 37° 37′ 26″N 121° 59′ 30″E
Buoy "10" Y, conical, "X" topmark, Mo(F) Y 12s 37° 36′ 05″N 121° 59′ 30″E
(18(221)99, 24/99 Tianjin)

94322 14Ed. 5/18/96 LAST NM 53/00 10/01
(Plan A)
Relocate Buoy "6" from 37° 34′ 53.2″N 121° 25′ 50.0″E to
37° 34′ 52.0″N 121° 25′ 56.5″E
(8(73)00 Tianjin)

94322 14Ed. 5/18/96 LAST NM 10/01 15/01
Add Dashed line (fairway limit) between
37° 31′ 24″N 121° 32′ 47″E
37° 26′ 47″N 121° 33′ 46″E

Dashed line (fairway limit) between
37° 31′ 24″N 121° 33′ 26″E
37° 27′ 02″N 121° 34′ 25″E

Solid line with legend "170° " between
37° 31′ 24″N 121° 33′ 06″E
37° 26′ 46″N 121° 34′ 07″E

(Plan A)
Add Dashed line (fairway limit) between
37° 31′ 24.0″N 121° 32′ 47.0″E
37° 31′ 00.0″N 121° 32′ 53.0″E

Dashed line (fairway limit) between
37° 31′ 24.0″N 121° 33′ 26.0″E
37° 31′ 00.0″N 121° 33′ 32.0″E

Solid line with legend "170° " between
37° 31′ 24.0″N 121° 33′ 06.0″E
37° 31′ 00.0″N 121° 33′ 11.0″E
(12(151)00 Tianjin)

94322 14Ed. 5/18/96 LAST NM 15/01 42/01
(Plan)
Delete Buoy "13" 37° 33′ 39.5″N 121° 23′ 01.0″E

Relocate Buoy "10" from
37° 34′ 22.3″N 121° 24′ 16.0″E to
37° 34′ 22.1″N 121° 24′ 17.9″E
and change designation to "28"

Change Designation of buoy "11" to "29"
37° 34′ 03.0″N 121° 22′ 55.0″E
Designation of buoy "12" to "30"
37° 33′ 51.5″N 121° 23′ 19.0″E

Add Buoy "26" R, pillar, can topmark, Fl(2)R 6s
37° 34′ 31.3″N 121° 24′ 46.2″E
Buoy "27" G, pillar, cone topmark, Fl G 4s
37° 34′ 31.3″N 121° 24′ 20.6″E
Buoy "31" G, pillar, cone topmark, Fl G 4s
37° 33′ 50.3″N 121° 22′ 30.5″E
Buoy "41" G, pillar, cone topmark, Fl(2) G 6s
37° 34′ 51.8″N 121° 24′ 07.9″E
Buoy "51" G, pillar, cone topmark, Fl G 4s
37° 35′ 18.7″N 121° 23′ 47.6″E
Buoy "52" R, pillar, can topmark, Fl R 4s
37° 35′ 23.0″N 121° 23′ 33.6″E
Buoy "53" R, pillar, can topmark, Fl(2) R 6s
37° 35′ 31.9″N 121° 23′ 16.6″E
Buoy "54" R, pillar, can topmark, Fl R 4s
37° 35′ 31.9″N 121° 23′ 05.4″E
Buoy "55" G, pillar, cone topmark, Fl(2) G 6s
37° 35′ 35.6″N 121° 22′ 45.2″E
Buoy "56" R, pillar, can topmark, Fl(2) R 6s
37° 35′ 22.8″N 121° 22′ 51.5″E
Buoy "57" G, pillar, cone topmark, Fl G 4s
37° 35′ 20.7″N 121° 22′ 36.7″E
(16(225, 226)01 Tianjin)

94322 14Ed. 5/18/96 LAST NM 42/01 46/01
(Plan)
Delete Buoy "6" 37° 34′ 52.0″N 121° 25′ 56.5″E
Buoy "7" 37° 34′ 38.5″N 121° 24′ 46.0″E

Add Buoy "21" G, pillar, cone topmark,
Fl G 4s 37° 35′ 10.5″N 121° 26′ 19.5″E
Buoy "22" R, pillar, can topmark,
Fl(2) R 6s 37° 35′ 01.7″N 121° 26′ 22.2″E
Buoy "23" G, pillar, cone topmark,
Fl(3) G 10s 37° 34′ 50.6″N 121° 25′ 17.9″E
Buoy "24" R, pillar, can topmark,
Fl R 4s 37° 34′ 42.7″N 121° 25′ 23.2″E
Buoy "25" RGR, pillar, can topmark,
Fl(2+1) R 9s 37° 34′ 39.7″N 121° 24′ 48.1″E
Buoy "42" GRG, pillar, cone topmark,
Fl(2+1) G 9s 37° 34′ 54.6″N 121° 23′ 55.2″E
Buoy "43" G, pillar, cone topmark,
Fl G 4s 37° 34′ 58.0″N 121° 23′ 27.5″E
Buoy "44" R, pillar, can topmark,
Fl(2) R 6s 37° 34′ 48.5″N 121° 23′ 26.1″E
Buoy "45" R, pillar, can topmark,
Fl R 4s 37° 34′ 42.6″N 121° 22′ 53.3″E
(17(235, 236)01 Tianjin)

94322 14Ed. 5/18/96 LAST NM 46/01 8/03
Delete "Tanker Loading and Unloading Anchorage"
area in vicinity 37° 38′ 15″N 121° 24′ 45″E

Add "Tanker Loading and Unloading Anchorage"
area [N12.5] bound by purple dashed line
joining 37° 38′ 47″N 121° 23′ 56″E
37° 38′ 47″N 121° 24′ 09″E
37° 38′ 34″N 121° 24′ 34″E
37° 37′ 57″N 121° 25′ 05″E
37° 37′ 57″N 121° 23′ 56″E

(Plan)
Delete "Tanker Loading and Unloading Anchorage"
area in vicinity 37° 37′ 58.0″N 121° 24′ 42.0″E
(27(504)02 Tianjin)

94322 14Ed. 5/18/96 LAST NM 8/03 47/03
Add Purple dashed-line circle
"Unexploded ordnance" 37° 32′ 21″N 121° 56′ 16″E
(35(719)03 Tianjin)

94322 14Ed. 5/18/96 LAST NM 47/03 6/04
(Plan)
Delete Buoy "28" 37° 34′ 22.1″N 121° 24′ 17.9″E

Relocate Buoy "26" from
37° 34′ 31.3″N 121° 24′ 46.2″E to
37° 34′ 20.8″N 121° 24′ 17.6″E
(27(559)03 Tianjin)

94322 14Ed. 5/18/96 LAST NM 6/04 42/06
Add Racon [S3.1] at light 37° 33′ 43″N 121° 22′ 08″E

(Plan)
Add Racon [S3.1] at light 37° 33′ 43.3″N 121° 22′ 07.8″E
(16(293)06 Tianjin)

94322 14Ed. 5/18/96 LAST NM 42/06 18/08
Add Dangerous wreck [K28] 37° 31′ 31″N 121° 53′ 45″E
(8(238)08 Tianjin)

94322 14Ed. 5/18/96 LAST NM 18/08 24/08
Add Stranded wreck [K24] 37° 41′ 31″N 121° 32′ 33″E
(45(1399)07 Tianjin)

94322 14Ed. 5/18/96 LAST NM 24/08 40/08
Add Light QG 11m 5M 37° 34′ 17″N 121° 23′ 31″E

(Plan)
Add Light QG 11m 5M 37° 34′ 16.8″N 121° 23′ 31.2″E
(1(4)08 Tianjin)

94322 14Ed. 5/18/96 LAST NM 40/08 38/09
Add Buoy Y, pillar, "X" topmark, Mo(O) Y 12s
37° 35′ 31″N 121° 30′ 03″E

(Plan)
Add Buoy Y, pillar, "X" topmark, Mo(O) Y 12s
37° 35′ 30.9″N 121° 30′ 02.9″E
(13(349)09 Tianjin)

94322 14Ed. 5/18/96 LAST NM 38/09 2/11
Add Buoy "0" R, pillar, can topmark, Fl(2) R 6s
37° 31′ 28″N 121° 33′ 48″E
Buoy "1" G, pillar, cone topmark, Fl(2) G 6s
37° 30′ 40″N 121° 32′ 49″E
Buoy "2" R, pillar, can topmark, Fl R 4s
37° 30′ 07″N 121° 33′ 48″E
Buoy "3" G, pillar, cone topmark, Fl G 4s
37° 29′ 09″N 121° 33′ 08″E
Buoy "4" R, pillar, can topmark, Fl(3) R 10s
37° 28′ 39″N 121° 34′ 07″E
Buoy "5" G, pillar, cone topmark, Fl(3) G 10s
37° 27′ 38″N 121° 33′ 30″E

(Plan)
Delete Buoy "57" 37° 35′ 20.7″N 121° 22′ 36.7″E

Add Buoy "58" BY, pillar, double cone topmark
points upward, Q [Q130.3] 37° 35′ 24.1″N 121° 23′ 01.5″E

Buoy "57" G, pillar, cone topmark, Fl G 4s
37° 35′ 33.1″N 121° 23′ 06.8″E
(27(1250, 1251, 1253)10 Tianjin; UKHO ARCS 1260-1)

94322 14Ed. 5/18/96 LAST NM 2/11 11/11
Delete Buoy 37° 35′ 31″N 121° 30′ 03″E

Add "Fish haven" area with blue tint [K46.1] bound
by dotted line (limiting danger line) joining
37° 35′ 33″N 121° 32′ 48″E
37° 35′ 16″N 121° 31′ 57″E
37° 35′ 33″N 121° 31′ 22″E
37° 35′ 33″N 121° 30′ 30″E
37° 36′ 15″N 121° 30′ 30″E
37° 36′ 15″N 121° 32′ 48″E

(Plan)
Delete Buoy 37° 35′ 30.9″N 121° 30′ 02.9″E

Add "Fish haven" area with blue tint [K46.1] bound
by dotted line (limiting danger line) joining
37° 35′ 33.0″N 121° 32′ 48.0″E
37° 35′ 16.0″N 121° 31′ 57.0″E
37° 35′ 33.0″N 121° 31′ 22.0″E
37° 35′ 33.0″N 121° 30′ 30.0″E
37° 36′ 15.0″N 121° 30′ 30.0″E
37° 36′ 15.0″N 121° 32′ 48.0″E
(19(413)04 Tianjin; UKHO ARCS 1260-1)

★94360 7Ed. 6/2/12 NEW EDITION N37/12
(NGA)

94360 7Ed. 6/2/12 LAST NM N37/12 N15/13
Delete Dangerous wreck (PA) 38° 56.2′ N 118° 38.2′ E
(52(5867)12 Taunton)

94360 7Ed. 6/2/12 LAST NM N15/13 N20/13
Delete Depth 14.5 meters 38° 33.5′ N 118° 17.8′ E

Add Depth 9.4 meters, blue tint and enclosing
depth contour (10-meter) centered 38° 31.2′ N 118° 08.4′ E

Depth 11 meters 38° 30.5′ N 118° 13.7′ E
Depth 12.6 meters 38° 33.6′ N 118° 17.3′ E

Anchorage area "No 4" [N12.2] bound by
purple dashed line joining 38° 34.2′ N 118° 12.5′ E
38° 32.3′ N 118° 13.9′ E
38° 31.0′ N 118° 10.9′ E
38° 32.9′ N 118° 09.5′ E
(Cna CH 11800)

94360 7Ed. 6/2/12 LAST NM N20/13 N37/13
Relocate Buoy "No 146" from 38° 45.8′ N 117° 52.9′ E
to 38° 45.8′ N 117° 52.6′ E
(27(990)13 Tianjin)

★**94361** 14Ed. 6/9/12 NEW EDITION N33/12
(NGA)

★**94363** 5Ed. 6/9/12 NEW EDITION N36/12
(NGA)

94363 5Ed. 6/9/12 LAST NM N36/12 N15/13
Delete Buoy 38° 55.7′ N 118° 38.4′ E
Dangerous wreck 38° 55.6′ N 118° 38.4′ E
(52(5867)12 Taunton)

94363 5Ed. 6/9/12 LAST NM N15/13 N20/13
Add Depth 9.4 meters, blue tint and enclosing
depth contour (10-meter) centered 38° 31.2′ N 118° 08.4′ E

Depth 11 meters 38° 30.5′ N 118° 13.7′ E
Depth 12.6 meters 38° 33.6′ N 118° 17.3′ E

Anchorage area "No 4" [N12.2] bound by
purple dashed line joining 38° 34.2′ N 118° 12.5′ E
38° 32.3′ N 118° 13.9′ E
38° 31.0′ N 118° 10.9′ E
38° 32.9′ N 118° 09.5′ E
(Cna CH 11800)

94363 5Ed. 6/9/12 LAST NM N20/13 N37/13
Delete Buoy "No 149" 38° 46.0′ N 117° 49.8′ E

Relocate Buoy "No 146" from 38° 45.8′ N 117° 52.9′ E
to 38° 45.8′ N 117° 52.6′ E
(27(990)13 Tianjin)

94363 5Ed. 6/9/12 LAST NM N37/13 N44/13
Add Light Iso G 4s 15m 7M 38° 57.6′ N 117° 43.5′ E
(1(1)12 Tianjin)

94363 5Ed. 6/9/12 LAST NM N44/13 N45/13
Add Light Fl R 3s 14m 7M 38° 57.0′ N 117° 45.1′ E
(7(177)12 Tianjin)

★**94364** 1Ed. 1/7/12 NEW CHART N8/12
(NGA)

94364 1Ed. 1/7/12 LAST NM N8/12 N15/13
Delete Buoy "No 247-1" 38° 57′ 21.9″N 117° 45′ 03.5″E
(52(5865)12 Taunton)

94364 1Ed. 1/7/12 LAST NM N15/13 N19/13
Add Buoy "No 256" R, pillar, can topmark,
Fl(2) R 6s 38° 56′ 50.4″N 117° 46′ 18.2″E

Light Iso G 4s 14m 4M 38° 56′ 32.9″N 117° 46′ 11.8″E
(15(408)12 Tianjin)

94364 1Ed. 1/7/12 LAST NM N19/13 N44/13
Add Light Iso G 4s 15m 7M 38° 57′ 39.6″N 117° 43′ 29.2″E
(1(1)12 Tianjin)

94364 1Ed. 1/7/12 LAST NM N44/13 N45/13
Add Light Fl R 3s 14m 7M 38° 57′ 00.0″N 117° 45′ 08.1″E
Buoy "No 258" R, pillar, can topmark, Fl R 4s
38° 57′ 04.4″N 117° 45′ 33.5″E
(7(177)12 Tianjin)

★**94380** 5Ed. 11/10/12 NEW EDITION N11/13
Add Solid line (pier) [F14] joining 40° 13′ 58″N 122° 00′ 56″E
40° 14′ 11″N 122° 00′ 40″E
40° 14′ 10″N 121° 57′ 42″E
40° 13′ 11″N 121° 56′ 56″E

Land tint to area bound by shore and solid line
[F13] joining 40° 11′ 25″N 122° 01′ 11″E
40° 12′ 01″N 122° 01′ 11″E
40° 12′ 03″N 121° 57′ 19″E
and delete all hydrography within above area
(NGA; 2(35)07 Tianjin; UKHO ARCS 1252-0)

★**94384** 4Ed. 1/13/07 NEW EDITION 21/07
(NGA)

94384 4Ed. 1/13/07 LAST NM 21/07 40/08
Relocate Buoy "No 2" from
40° 32′ 10.2″N 122° 01′ 51.9″E to
40° 32′ 09.9″N 122° 01′ 47.4″E
Buoy "No 3" from
40° 32′ 26.2″N 122° 02′ 42.9″E to
40° 32′ 27.9″N 122° 02′ 44.9″E
Buoy "No 4" from
40° 32′ 43.6″N 122° 03′ 36.9″E to
40° 32′ 46.2″N 122° 03′ 39.7″E

Add Buoy "(2-2)" R, pillar, can topmark, Fl(2) R 6s
40° 32′ 13.8″N 122° 01′ 45.3″E
Buoy "(3-2)" R, pillar, can topmark, Fl R 4s
40° 32′ 31.9″N 122° 02′ 42.7″E
Buoy "(4-2)" R, pillar, can topmark, Fl(2) R 6s
40° 32′ 49.7″N 122° 03′ 36.2″E
(1(1, 2)08 Tianjin)

94384 4Ed. 1/13/07 LAST NM 40/08 5/10
Change Light to QG 4M 40° 39′ 15.8″N 122° 09′ 47.0″E
(Cna CH 11519)

★**94420** 4Ed. 12/24/11 NEW EDITION 21/12
(NGA)

94420 4Ed. 12/24/11 LAST NM 21/12 10/13
Delete Legend "Works in Progress (2010)"
40° 12.5′ N 122° 00.0′ E

Add Land tint to area bound by shore, pier and solid
line [F13] joining 40° 11.5′ N 122° 01.1′ E
40° 12.0′ N 122° 01.1′ E
40° 12.0′ N 121° 57.5′ E
and delete all hydrography within above area

Solid line (pier) [F14] joining 40° 12.1′ N 122° 03.0′ E
40° 14.0′ N 122° 00.7′ E
40° 14.1′ N 121° 57.7′ E
40° 13.0′ N 121° 56.8′ E

Light Oc R 6s 14m 5M 40° 13.0′ N 121° 56.8′ E
(2(35)07 Tianjin; UKHO ARCS 1252-0)

94420 4Ed. 12/24/11 LAST NM 10/13 37/13
Delete Dangerous wreck 37° 38.2′ N 121° 26.9′ E
(23(861)13 Tianjin)

94420 4Ed. 12/24/11 LAST NM 37/13 39/13
Add Buoy G, pillar, cone topmark, Fl G 4s
Racon (Q) 38° 47.3′ N 121° 04.9′ E

Beacon Y, "X" topmark, Mo(C) Y 12s 10m 6M
[Q130.6] 39° 47.8′ N 121° 28.2′ E
Light Iso 6s 10m 6M 39° 34.8′ N 121° 16.1′ E
Light FR 21m 6M 39° 35.1′ N 121° 15.4′ E
Light Fl R 3s 14m 6M 39° 35.8′ N 121° 16.7′ E
(8(239), 13(411), 18(631)13 Tianjin)

94420 4Ed. 12/24/11 LAST NM 39/13 40/13
Add Dangerous wreck [K28] 39° 18.7′ N 121° 18.4′ E
Note: Buoy remains
(25(760)12 Tianjin)

94420 4Ed. 12/24/11 LAST NM 40/13 42/13
Add Depth 22 meters Wk [K26] 39° 54.5′ N 120° 29.8′ E
(23(690)12 Tianjin)

★94421 11Ed. 11/18/06 NEW EDITION 10/07
(NGA)

94421 11Ed. 11/18/06 LAST NM 10/07 23/08
Add Depth 1.3 meters Wk [K26] 38° 59′ 01″N 121° 42′ 49″E
(48(1524)07 Tianjin)

94421 11Ed. 11/18/06 LAST NM 23/08 24/08
Add Danger circle [K1] "Unexploded Ordnance"
38° 47′ 32″N 121° 37′ 55″E
Danger circle [K1] "Unexploded Ordnance"
38° 48′ 01″N 121° 38′ 47″E
(45(1398)07 Tianjin)

94421 11Ed. 11/18/06 LAST NM 24/08 37/08
Add Buoy "1" YB, pillar, double cone topmark
points downward, Q(6) + L Fl 15s [Q130.3]
38° 57′ 30″N 121° 59′ 08″E
Buoy "3" BY, pillar, double cone topmark
points upward, Q [Q130.3] 38° 58′ 01″N 121° 59′ 08″E
(20(602)07 Tianjin)

94421 11Ed. 11/18/06 LAST NM 37/08 7/09
Change Characteristic of light to FG 38° 55′ 55″N 121° 40′ 14″E

Add Light FG 30m 10M 38° 59′ 19″N 121° 48′ 08″E
Light FR 9m 7M 38° 58′ 40″N 121° 48′ 17″E
Light FR 7m 6M 39° 00′ 55″N 121° 45′ 08″E
(41(1497-1500)08 Tianjin)

94421 11Ed. 11/18/06 LAST NM 7/09 15/09
Add Depth 60 meters Wk [K26] 38° 38′ 50″N 121° 17′ 35″E
Light Iso 4s 12m 8M 39° 00′ 31″N 121° 40′ 26″E
Light Iso 4s 16m 8M 38° 58′ 02″N 121° 39′ 42″E
Light Fl(2) 10s 16m 8M 38° 58′ 43″N 121° 47′ 48″E
(45(1404), 48(1525)07, 24(814)08, 5(82)09 Tianjin)

94421 11Ed. 11/18/06 LAST NM 15/09 14/11
Delete Light 38° 59′ 19″N 121° 48′ 08″E

Add Light FG 30m 10M 38° 58′ 19″N 121° 48′ 08″E
(32(1459)10 Tianjin)

94421 11Ed. 11/18/06 LAST NM 14/11 22/11
Add Light Iso G 6s 20m 12M 39° 00′ 43″N 121° 54′ 34″E
Light Iso R 6s 20m 10M 39° 00′ 30″N 121° 54′ 28″E
(46(1723, 1724)09 Tianjin)

94421 11Ed. 11/18/06 LAST NM 22/11 36/11
Add Buoy "No 51" R, pillar, can topmark, Fl R 4s
Racon (B) 38° 59′ 57″N 121° 55′ 42″E
(26(906)11 Tianjin)

94421 11Ed. 11/18/06 LAST NM 36/11 38/11
Add Light Iso G 8s 16m 8M 38° 57′ 29″N 121° 53′ 18″E
Light Iso R 8s 16m 8M 38° 57′ 21″N 121° 53′ 03″E
(26(907)11 Tianjin)

94421 11Ed. 11/18/06 LAST NM 38/11 40/11
Change Height of light to 25m 38° 57′ 50″N 121° 59′ 14″E
(43(961)06 Tianjin)

94421 11Ed. 11/18/06 LAST NM 40/11 40/12
Delete Depth 20 meters, danger circle and legend
"Obstn (PA)" 38° 47′ 27″N 121° 25′ 32″E

Substitute Depth 17.4 meters for 17.6 meters
38° 48′ 24″N 121° 23′ 16″E

Depth 48 meters Wk [K26] for 44 meters Wk
38° 46′ 52″N 121° 30′ 01″E
(21(677-679)11 Tianjin)

94421 11Ed. 11/18/06 LAST NM 40/12 13/13
Add Light FR 14m 8M 38° 56′ 50″N 121° 52′ 16″E
(28(870)07 Tianjin)

94421 11Ed. 11/18/06 LAST NM 13/13 39/13
Add Light Fl R 3s 13m 7M 38° 58′ 15″N 121° 54′ 49″E
(13(414)13 Tianjin)

★94423 13Ed. 8/14/10 NEW EDITION N10/11
Delete Solid line between 38° 55′ 56.1″N 121° 36′ 41.6″E
38° 56′ 05.1″N 121° 37′ 03.5″E
(NGA; 34(1544)10 Tianjin)

94423 13Ed. 8/14/10 LAST NM N10/11 N14/11
Delete Light 38° 59′ 19.0″N 121° 48′ 08.2″E
Buoys (2) in vicinity 38° 59′ 50.5″N 121° 42′ 34.5″E
Legend "W" 38° 56′ 38.1″N 121° 38′ 44.0″E
Legend "W" 38° 56′ 40.1″N 121° 38′ 48.9″E

Add Light FG 30m 10M 38° 58′ 19.0″N 121° 48′ 08.1″E
Buoy RW, pillar, can topmark, Fl R 6s (occas)
38° 59′ 50.5″N 121° 42′ 34.5″E

Submarine cable [L30.1] between
38° 56′ 40.4″N 121° 38′ 45.9″E
38° 56′ 41.5″N 121° 38′ 48.5″E

Legend "INSHORE TRAFFIC ZONE"
38° 52′ 13.5″N 121° 42′ 56.0″E
Legend "INSHORE TRAFFIC ZONE"
38° 51′ 55.0″N 121° 48′ 55.0″E
(32(1459)10 Tianjin; Cna CH 11381; UKHO ARCS 3695-0, 3697-0)

94423 13Ed. 8/14/10 LAST NM N14/11 N23/11
Delete Buoy "H6" 38° 57′ 16.6″N 121° 38′ 37.8″E
Buoy "H8" 38° 57′ 10.2″N 121° 38′ 14.2″E

Change Designation of buoy "H13" to "1"
38° 56′ 56.1″N 121° 37′ 42.9″E

Add Buoy "2" R, pillar, can topmark, Fl(2) R 6s
38° 56′ 29.0″N 121° 37′ 21.2″E
Buoy "3" G, pillar, cone topmark, Fl(2) G 6s
38° 56′ 36.8″N 121° 37′ 16.5″E
Buoy "4" R, pillar, can topmark, QR
38° 56′ 14.5″N 121° 37′ 25.0″E
(11(263)11 Tianjin)

94423 13Ed. 8/14/10 LAST NM N23/11 N17/13
Add Light Iso R 4s 12m 8M 38° 57′ 53.3″N 121° 49′ 39.3″E
(Cna CH 11381)

94423 13Ed. 8/14/10 LAST NM N17/13 N19/13
Add Light Iso G 4s 16m 7M 38° 56′ 29.5″N 121° 51′ 18.4″E
(UKHO ARCS 3697-0)

★94427 2Ed. 6/23/90 NEW EDITION N37/90
(DMAHTC)

94427 2Ed. 6/23/90 LAST NM N37/90 N2/91
(Plan C)
Change Visibility (range) of lights to
16M 37° 29.5′ N 122° 08.4′ E
25M 37° 33.6′ N 122° 07.2′ E
8M 37° 31.7′ N 122° 10.5′ E
(16(75)90 Tianjin)

94427 2Ed. 6/23/90 LAST NM N2/91 N20/91
(Plan C)
Add Range lights,
front Iso R 4s 31m 4M 37° 30′ 22.5″N 122° 07′ 13.0″E
rear FR 41m 4M 37° 30′ 22.5″N 122° 07′ 05.0″E

Range line extending in 090°
direction from above rear light
dashed for 460 meters, thence
solid for 1300 meters

Legend "Lts in line 270°"
along above range line 37° 30′ 24.0″N 122° 08′ 06.0″E
(15(65)90 Tianjin)

94427 2Ed. 6/23/90 LAST NM N20/91 N38/91
(Plan C)
Delete "Seaweed cultivation area" in vicinity
37° 30.8′ N 122° 08.8′ E

(continued on next page)

94427 (Continued) 38/91
Add "Seaweed cultivation area" bound by shore and dashed lines
joining 37° 30′ 44″N 122° 08′ 23″E
37° 30′ 31″N 122° 08′ 29″E
37° 30′ 31″N 122° 08′ 58″E
37° 30′ 58″N 122° 09′ 45″E
37° 31′ 16″N 122° 09′ 30″E

between 37° 30′ 21″N 122° 09′ 56″E
37° 30′ 51″N 122° 10′ 41″E
(11(48)91 Tianjin)

94427 2Ed. 6/23/90 LAST NM N38/91 N17/92
(Plan C)
Change Period of light to 6s 37° 28′ 42″N 122° 12′ 07″E
(2(7)92 Tianjin)

94427 2Ed. 6/23/90 LAST NM N17/92 N10/93
(Plan C)
Relocate Buoys
"1" close E to 37° 30′ 24″N 122° 09′ 24″E
"2" close E 37° 30′ 20″N 122° 08′ 44″E
"3" close N 37° 30′ 21″N 122° 07′ 48″E
(1(3)93 Tianjin)

94427 2Ed. 6/23/90 LAST NM N10/93 N51/93
(Plan C)
Change Characteristic of light (Iso) to Oc R 4s
37° 30′ 22.5″N 122° 07′ 13.0″E
(Cna LL)

94427 2Ed. 6/23/90 LAST NM N51/93 N6/95
(Plan C)
Delete Dashed line and legend "Outer harbor limit"
between 37° 29′ 32″N 122° 08′ 28″E
37° 28′ 38″N 122° 12′ 06″E

between 37° 28′ 41″N 122° 12′ 13″E
37° 29′ 39″N 122° 13′ 00″E

Add Dashed line with legend "Outer harbor limit"
between 37° 29′ 39″N 122° 12′ 56″E
37° 27′ 48″N 122° 14′ 31″E
(24(154)94 Tianjin)

94427 2Ed. 6/23/90 LAST NM N6/95 N13/96
(Plan C)
Delete "Seaweed Cultivation Area" in vicinity 37° 31′ 00″N 122° 09′ 00″E
37° 30′ 30″N 122° 10′ 10″E

Substitute Foul bottom symbol for depth 3.9 meters Wk 37° 30′ 07″N 122° 07′ 30″E

Change Caution note to
"CAUTIONS
1. In addition to the prohibited areas marked, navigation and anchoring is prohibited within 500 meters of the coastline of Luigong Dao and of the mainland between Hei Dao and Weihai.
2. There are many seaweed cultivation areas along the coast." 37° 27′ 42″N 122° 07′ 00″E

Add "Fish Traps" area bound by dashed line
joining 37° 29′ 44.2″N 122° 07′ 47.8″E
37° 29′ 38.0″N 122° 07′ 47.8″E
37° 29′ 38.5″N 122° 07′ 49.4″E
37° 29′ 42.9″N 122° 07′ 52.0″E
(Cna CH 9428)

94427 2Ed. 6/23/90 LAST NM N13/96 N46/97
(Plan C)
Add "Cultivation Area" bound by dashed line joining 37° 32′ 31.8″N 122° 13′ 00.5″E
37° 31′ 03.8″N 122° 11′ 39.5″E
37° 29′ 42.8″N 122° 13′ 42.5″E
37° 31′ 03.8″N 122° 15′ 56.5″E
(18(172)97 Tianjin)

94427 2Ed. 6/23/90 LAST NM N46/97 N36/98
(Plan C)
Delete Light 37° 30′ 32″N 122° 07′ 21″E
37° 30′ 21″N 122° 07′ 25″E
(12(115)98 Tianjin)

94427 2Ed. 6/23/90 LAST NM N36/98 N45/98
(Plan C)
Add Purple dashed line with legend "VTS Report Line (see Note)"
joining 37° 34′ 30″N 122° 15′ 27″E
37° 31′ 00″N 122° 13′ 40″E
37° 27′ 00″N 122° 12′ 23″E

Note in left lower margin of chart
"CHENGSHAN JIAO
VESSEL TRAFFIC SERVICE
Vessels crossing the Report Line are required to report to the Chengshan Jiao VTS Center. See Sailing Directions for details."
(GIMM055/98)

94427 2Ed. 6/23/90 LAST NM N45/98 N13/99
(Plan A)
Add Purple composite line joining 38° 46′ 12″N 121° 33′ 46″E
38° 46′ 17″N 121° 32′ 51″E
38° 45′ 42″N 121° 32′ 43″E

Legend
"ANCHORING AND FISHING PROHIBITED" 38° 46′ 00″N 121° 33′ 15″E
(22(212)98 Tianjin)

94427 2Ed. 6/23/90 LAST NM N13/99 N46/00
(Panel C)
Change Light to Fl 8s 29m 15M 37° 27′ 42.5″N 122° 14′ 35.5″E
(18(167)98 Tianjin)

94427 2Ed. 6/23/90 LAST NM N46/00 N21/01
(Plan C)
Change Light to Fl 5s 10m 8M (occas)
37° 29′ 42.0″N 122° 12′ 54.0″E
(22(320)00 Tianjin)

94427 2Ed. 6/23/90 LAST NM N21/01 N32/02
(Plan C)
Delete Dashed line and legend "Outer harbor limit"
between 37° 29′ 38.3″N 122° 12′ 56.5″E
37° 27′ 46.8″N 122° 14′ 32.9″E

Add Dashed line with legend "Outer harbor limit"
[N49] joining 37° 29′ 38.3″N 122° 12′ 56.5″E
37° 29′ 39.5″N 122° 17′ 17.5″E
37° 25′ 30.0″N 122° 17′ 17.5″E

"Xinqu Maodi Anchorage" area [N12.3] bound by chart border and purple dashed line
37° 31′ 01.0″N 122° 19′ 04.0″E
37° 31′ 01.0″N 122° 16′ 35.0″E
37° 32′ 01.0″N 122° 16′ 35.0″E
37° 32′ 01.0″N 122° 19′ 04.0″E
Note: Area extends beyond chart border

Light QR 23m 4M 37° 30′ 21.3″N 122° 07′ 27.9″E
Light FR 23m 4M 37° 30′ 15.5″N 122° 07′ 27.0″E
(20(294), 21(303), 23(358)01 Tianjin)

94427 2Ed. 6/23/90 LAST NM N32/02 N51/08
(Panel C)
Add Buoy "1" R, pillar, can topmark
37° 28′ 00.0″N 122° 17′ 15.6″E
Buoy "2" G, pillar, cone topmark
37° 28′ 00.0″N 122° 17′ 05.3″E
Buoy "3" G, pillar, cone topmark
37° 26′ 37.0″N 122° 16′ 46.3″E
Buoy "4" R, pillar, can topmark
37° 26′ 29.9″N 122° 16′ 54.7″E
Buoy "5" R, pillar, can topmark
37° 26′ 24.4″N 122° 16′ 21.6″E

Dashed line (fairway limit) joining
37° 28′ 06.0″N 122° 17′ 11.0″E
37° 26′ 42.0″N 122° 16′ 55.0″E
37° 26′ 34.0″N 122° 16′ 45.0″E

Dashed line (fairway limit) joining
37° 28′ 06.0″N 122° 17′ 17.0″E
37° 26′ 44.0″N 122° 17′ 03.0″E
37° 26′ 34.0″N 122° 16′ 56.0″E
37° 26′ 28.0″N 122° 16′ 41.0″E

Depth 3.9 meters Obstn [K41]
37° 26′ 26.5″N 122° 16′ 28.0″E
(47(865)02 Tianjin; Cna CH 11981)

94427 2Ed. 6/23/90 LAST NM N51/08 N6/11
(Panel B)
Add Light Fl 5s 61m 12M Siren Racon (K)
39° 04′ 07.0″N 123° 08′ 56.0″E
(Cna CH 11319)

94427 2Ed. 6/23/90 LAST NM N6/11 N7/11
(Panel C)
Add Submarine pipeline (water) [L41.1] joining
37° 28′ 24.0″N 122° 08′ 03.2″E
37° 28′ 25.5″N 122° 08′ 07.9″E
37° 28′ 34.0″N 122° 08′ 34.2″E
37° 29′ 15.9″N 122° 09′ 14.9″E
37° 29′ 24.4″N 122° 09′ 43.3″E
37° 29′ 28.5″N 122° 10′ 03.4″E
37° 29′ 41.6″N 122° 10′ 49.5″E
37° 29′ 47.8″N 122° 11′ 09.4″E
37° 29′ 50.9″N 122° 11′ 13.0″E
(12(613)10 Tianjin)

94427 2Ed. 6/23/90 LAST NM N7/11 N40/12
(Panel A)
Add Depth 48 meters Wk [K26] 38° 46′ 52.1″N 121° 30′ 01.2″E
(21(679)11 Tianjin)

94427 2Ed. 6/23/90 LAST NM N40/12 N18/13
(Panel C)
Add Land tint to area bound by shore and solid line
[F13] joining 37° 27′ 11.1″N 122° 13′ 01.9″E
37° 27′ 11.9″N 122° 12′ 55.6″E
37° 27′ 09.3″N 122° 12′ 55.1″E
37° 27′ 07.3″N 122° 12′ 19.0″E
37° 27′ 08.1″N 122° 12′ 16.7″E
37° 26′ 58.8″N 122° 12′ 04.2″E
37° 27′ 02.2″N 122° 12′ 01.9″E
37° 26′ 55.2″N 122° 11′ 53.4″E
37° 26′ 47.0″N 122° 11′ 46.8″E
37° 26′ 50.8″N 122° 11′ 41.0″E
37° 26′ 41.4″N 122° 11′ 29.2″E
37° 26′ 37.2″N 122° 11′ 34.3″E
37° 26′ 23.8″N 122° 11′ 32.5″E
37° 26′ 22.6″N 122° 11′ 35.5″E
and delete all hydrography within above area

Double solid line with land tint (pier) [F14]
between 37° 27′ 07.7″N 122° 12′ 17.7″E
37° 27′ 22.3″N 122° 12′ 00.4″E

Buoy "No 1" G, pillar, cone topmark, Fl G 4s
37° 28′ 59.5″N 122° 13′ 42.0″E
Buoy "No 2" R, pillar, can topmark, Fl R 4s
37° 28′ 50.9″N 122° 14′ 03.6″E

Buoy "No 5" G, pillar, cone topmark,
Fl(3) G 10s 37° 28′ 17.9″N 122° 12′ 42.3″E
Buoy "No 4" R, pillar, can topmark,
Fl(2) R 6s 37° 28′ 11.5″N 122° 13′ 07.6″E
Buoy "No 6" R, pillar, can topmark,
Fl(3) R 10s 37° 27′ 55.0″N 122° 12′ 45.3″E
Buoy "No 9" G, pillar, cone topmark,
Fl(2) G 6s 37° 27′ 26.0″N 122° 11′ 29.1″E

Buoy "No 8" R, pillar, can topmark, Fl R 4s
37° 27′ 26.1″N 122° 12′ 05.5″E
Buoy "Oil 1" G, pillar, cone topmark, Fl G 4s
37° 27′ 36.1″N 122° 12′ 36.4″E

Light FR 8m 4M 37° 27′ 22.3″N 122° 12′ 00.4″E

Buoy "Oil 4" R, pillar, can topmark,
Fl(3) R 10s 37° 27′ 37.0″N 122° 13′ 02.1″E
Buoy "Oil 5" G, pillar, cone topmark,
Fl(3) G 10s 37° 27′ 14.1″N 122° 12′ 56.6″E

Purple dashed line (fairway limit) [N1.2]
joining 37° 28′ 59.5″N 122° 13′ 42.0″E
37° 27′ 26.0″N 122° 11′ 29.1″E
37° 27′ 11.8″N 122° 11′ 44.1″E
37° 26′ 52.2″N 122° 11′ 35.3″E

Purple dashed line (fairway limit) [N1.2]
joining 37° 27′ 26.1″N 122° 12′ 05.5″E
37° 27′ 55.0″N 122° 12′ 45.3″E
37° 27′ 36.1″N 122° 12′ 36.4″E
37° 27′ 14.1″N 122° 12′ 56.6″E

Purple dashed line (fairway limit) [N1.2]
joining 37° 28′ 50.9″N 122° 14′ 03.6″E
37° 28′ 11.5″N 122° 13′ 07.6″E
37° 27′ 57.3″N 122° 13′ 01.3″E
37° 27′ 37.0″N 122° 13′ 02.1″E

Light FR 5m 3M 37° 28′ 54.4″N 122° 08′ 25.4″E

Anchorage area "No 5" [N12.2] bound by
purple dashed line joining 37° 28′ 49.6″N 122° 08′ 17.2″E
37° 28′ 49.6″N 122° 09′ 15.2″E
37° 28′ 02.0″N 122° 09′ 15.2″E
37° 28′ 02.0″N 122° 08′ 28.4″E

Legend "Fishing Vessels" 37° 28′ 19.0″N 122° 08′ 42.0″E
(UKHO ARCS 1260-2)

★**94440** 4Ed. 8/4/12 NEW EDITION N45/12
(NGA)

94440 4Ed. 8/4/12 LAST NM N45/12 N16/13
Add Dangerous wreck [K28] 37° 51.6′ N 123° 11.4′ E
(7(213)13 Tianjin)

94440 4Ed. 8/4/12 LAST NM N16/13 N42/13
Delete Buoy 39° 33.0′ N 123° 56.0′ E
(1(1)13 Tianjin)

★**95016** 9Ed. 2/5/11 NEW EDITION 22/11
Add Depth 2807 meters 41° 54.0′ N 134° 42.8′ E
Wreck [K29] 37° 13.0′ N 130° 14.4′ E
(NGA; 45(5846)10 St. Petersburg; 9(143)11 Inchon)

95016 9Ed. 2/5/11 LAST NM 22/11 23/11
Delete CAUTIONS note 43° 10.0′ N 129° 30.0′ E

Purple heavy dashed line between 42° 13.5′ N 131° 31.8′ E
41° 39.1′ N 131° 31.8′ E

Purple heavy dashed line between 42° 15.3′ N 131° 40.2′ E
41° 39.1′ N 131° 40.2′ E

Purple heavy dashed line between 42° 20.5′ N 132° 15.5′ E
41° 50.0′ N 132° 15.5′ E

Purple heavy dashed line between 42° 21.5′ N 132° 23.0′ E
41° 49.7′ N 132° 23.2′ E

Purple tint (traffic separation zone) and
directional arrows (2) between 42° 14.2′ N 131° 36.0′ E
41° 39.1′ N 131° 36.0′ E

Purple tint (traffic separation zone) and
directional arrows (2) between 42° 21.0′ N 132° 19.2′ E
41° 50.0′ N 132° 19.2′ E

Substitute Purple composite line for purple dashed line
joining 42° 15.0′ N 131° 41.0′ E
41° 40.0′ N 131° 41.0′ E
41° 40.0′ N 132° 50.0′ E
42° 25.8′ N 132° 50.2′ E

Add CAUTIONS note from Subsection I-2
41° 45.0′ N 128° 45.0′ E
(NGA; UKHO ARCS 2432-0)

95016 9Ed. 2/5/11 LAST NM 23/11 24/11
Add Note from Subsection I-2 42° 33.0′ N 128° 55.0′ E
(NGA)

★**95040** 10Ed. 6/30/12 NEW EDITION N44/12
(NGA)

★**95041** 7Ed. 7/16/94 NEW EDITION 32/94
(DMAHTC)

95041 7Ed. 7/16/94 LAST NM 32/94 39/94
Relocate Buoy "1" close W to 39° 34′ 58″N 124° 22′ 40″E
(4(10)94 Pyongyang)

95041 7Ed. 7/16/94 LAST NM 39/94 48/95
Change Light to Fl 10s 48m 20M 39° 41.4′ N 124° 24.5′ E
(6(12)95 Pyongyang; BA LL)

95041 7Ed. 7/16/94 LAST NM 48/95 8/99
Substitute Depth 4.5 meters for 4.8 meters
39° 32′ 58″N 124° 23′ 00″E
(3(25)99 Inchon)

95041 7Ed. 7/16/94 LAST NM 8/99 22/99
Change Visibility (range) of light to 12M 39° 41.4′ N 124° 24.5′ E
(BA LL)

95041 7Ed. 7/16/94 LAST NM 22/99 23/03
Add Buoy "01" R, pillar, can topmark
39° 40′ 41″N 124° 05′ 38″E
Buoy "02" G, pillar, cone topmark
39° 41′ 55″N 124° 06′ 53″E
Buoy "03" R, pillar, can topmark
39° 43′ 24″N 124° 08′ 26″E
Buoy "04" R, pillar, can topmark
39° 44′ 35″N 124° 09′ 01″E
Buoy "05" R, pillar, can topmark
39° 45′ 54″N 124° 09′ 43″E
Buoy "06" R, pillar, can topmark
39° 47′ 07″N 124° 09′ 43″E
Buoy "07" R, pillar, can topmark
39° 48′ 32″N 124° 09′ 29″E
Buoy Y, pillar, "X" topmark 39° 39′ 05″N 124° 04′ 10″E

Buoy "06A" G, pillar, cone topmark
39° 47′ 08″N 124° 10′ 00″E
"ANCH AREA" [N12.1] bound by purple
dashed-line circle, radius 1000 meters, centered
39° 39′ 05″N 124° 04′ 10″E
(29(550, 551)02 Tianjin; Cna CH 11131)

95041 7Ed. 7/16/94 LAST NM 23/03 50/03
Relocate Buoy "01" from 39° 40′ 41″N 124° 05′ 38″E
to 39° 40′ 31″N 124° 05′ 30″E
Buoy "02" from 39° 41′ 55″N 124° 06′ 53″E
to 39° 41′ 48″N 124° 06′ 49″E
Buoy "03" from 39° 43′ 24″N 124° 08′ 26″E
to 39° 43′ 47″N 124° 08′ 20″E
Buoy "04" from 39° 44′ 35″N 124° 09′ 01″E
to 39° 44′ 33″N 124° 08′ 59″E
Buoy "05" from 39° 45′ 54″N 124° 09′ 43″E
to 39° 45′ 49″N 124° 09′ 38″E
Buoy "06" from 39° 47′ 07″N 124° 09′ 43″E
to 39° 46′ 59″N 124° 09′ 47″E
Buoy "06A" from 39° 47′ 08″N 124° 10′ 00″E
to 39° 46′ 59″N 124° 09′ 54″E
Buoy "07" from 39° 48′ 32″N 124° 09′ 29″E
to 39° 48′ 27″N 124° 09′ 24″E
(See 23/03-95041)

Add Buoy "1-2" G, pillar, cone topmark
39° 42′ 30″N 124° 10′ 32″E

Buoy "1-3" R, pillar, can topmark
39° 43′ 51″N 124° 11′ 31″E
Buoy "1-5" R, pillar, can topmark
39° 46′ 00″N 124° 13′ 36″E
Buoy "1-7" R, pillar, can topmark
39° 48′ 04″N 124° 15′ 14″E
Buoy "1-9" R, pillar, can topmark
39° 48′ 46″N 124° 16′ 03″E

Buoy "1-13" G, pillar, cone topmark
39° 49′ 57″N 124° 16′ 21″E
Buoy "1-14" G, pillar, cone topmark
39° 50′ 57″N 124° 16′ 39″E
Buoy "1-15" G, pillar, cone topmark
39° 51′ 23″N 124° 16′ 23″E
Buoy "1-16" G, pillar, cone topmark
39° 52′ 58″N 124° 16′ 29″E
Buoy "1-17" G, pillar, cone topmark
39° 53′ 21″N 124° 16′ 43″E
Buoy "1-18" G, pillar, cone topmark
39° 53′ 27″N 124° 16′ 58″E
Buoy "1-19" R, pillar, can topmark
39° 53′ 48″N 124° 17′ 08″E
Buoy "2-1" R, pillar, can topmark
39° 38′ 18″N 124° 20′ 32″E
Buoy "2-2" G, pillar, cone topmark
39° 39′ 41″N 124° 21′ 44″E
Buoy "2-3" G, pillar, cone topmark
39° 40′ 43″N 124° 22′ 12″E
Buoy "2-4" G, pillar, cone topmark
39° 41′ 41″N 124° 22′ 06″E

Buoy "2-5" R, pillar, can topmark
39° 43′ 26″N 124° 22′ 32″E
Buoy "2-6" R, pillar, can topmark
39° 44′ 30″N 124° 21′ 03″E
Buoy "2-7" R, pillar, can topmark
39° 45′ 55″N 124° 20′ 31″E
Buoy "2-8" R, pillar, can topmark
39° 46′ 05″N 124° 19′ 52″E
Buoy "2-9" R, pillar, can topmark
39° 46′ 47″N 124° 18′ 44″E

Buoy "2-10" G, pillar, cone topmark
39° 47′ 54″N 124° 18′ 17″E
Buoy "2-11" G, pillar, cone topmark
39° 49′ 10″N 124° 18′ 35″E
Buoy "2-12" G, pillar, cone topmark
39° 49′ 52″N 124° 18′ 23″E
Buoy "2-13" G, pillar, cone topmark
39° 50′ 37″N 124° 17′ 24″E
(36(665)02, 22(417, 418)03 Tianjin)

95041 7Ed. 7/16/94 LAST NM 50/03 43/06
Add Dangerous wreck [K28] 39° 37′ 26″N 124° 04′ 26″E
(12(203)06 Tianjin)

★**95042** 3Ed. 3/5/94 NEW EDITION 15/94
(DMAHTC)

95042 3Ed. 3/5/94 LAST NM 15/94 16/94
Add R Bn 39° 46′ 50″N 124° 33′ 33″E
(ROK CH 317; BA RA)

95042 3Ed. 3/5/94 LAST NM 16/94 27/94
Delete Buoy
"E11" 39° 48.9′ N 124° 22.9′ E
"E12" 39° 48.5′ N 124° 23.8′ E
"E9" 39° 47.6′ N 124° 24.5′ E
"E6" 39° 46.7′ N 124° 25.4′ E
"E3" 39° 46.2′ N 124° 25.2′ E
"E4" 39° 43.5′ N 124° 25.0′ E

Legend "Jetty" 39° 47.2′ N 124° 26.1′ E
39° 46.6′ N 124° 28.9′ E
39° 44.7′ N 124° 31.6′ E

Change Cautions note to
CAUTIONS
"1. Owing to the shifting in the banks and channels, buoys and beacons are subject to frequent change and are not shown. Vessels should therefore not attempt to navigate the river without a pilot.
2. When the Yalu River is closed to navigation by ice, the lights are extinguished and the buoys are removed. Buoys may also be removed when the river is in flood.
3. Local knowledge is required to navigate the channels depicted on this chart." 39° 46.3′ N 124° 37.0′ E

Legend to
"Cautions No. 1 and No. 2" 39° 46.7′ N 124° 23.8′ E

Add Solid line (seawall) between 39° 46′ 36″N 124° 27′ 00″E
39° 46′ 54″N 124° 27′ 45″E

Land tint and legend "Being reclaimed" to area bound by shore and existing solid line (seawall) joining 39° 47′ 45″N 124° 25′ 12″E
39° 46′ 38″N 124° 26′ 52″E
39° 46′ 58″N 124° 27′ 48″E
39° 43′ 24″N 124° 33′ 06″E

Buoy "1", red can (PA) 39° 35′ 00″N 124° 22′ 54″E
(7(26)92 Pyongyang; MCC1337/94)

95042 3Ed. 3/5/94 LAST NM 27/94 39/94
Relocate Buoy
"1" (39° 35.0′ N 124° 22.9′ E) to
39° 34′ 58″N 124° 22′ 40″E
(See 27/94-95042)
(4(10)94 Pyongyang)

95042 3Ed. 3/5/94 LAST NM 39/94 48/95
Change Light to
Fl 10s 48m 20M 39° 41.4′ N 124° 24.5′ E
Fl 5s 10M 39° 16.2′ N 124° 43.4′ E
(6(12, 13)95 Pyongyang; BA LL)

95042 3Ed. 3/5/94 LAST NM 48/95 22/99
Change Visibility (range) of light to
6M 39° 16.2′ N 124° 43.4′ E
12M 39° 41.4′ N 124° 24.5′ E

Characteristic of light to Fl 20s 39° 26.3′ N 124° 35.3′ E
(BA LL)

★**95043** 3Ed. 5/20/06 NEW EDITION 32/06
(NGA)

★**95060** 15Ed. 12/22/12 NEW EDITION N17/13
(NGA)

95060 15Ed. 12/22/12 LAST NM N17/13 N19/13
Add AIS [S17.1] to light 37° 06′ 57″N 126° 23′ 08″E
Superbuoy ODAS [Q58] Y 37° 07′ 00″N 126° 22′ 30″E
(5(85), 6(96)13 Inchon)

95060 15Ed. 12/22/12 LAST NM N19/13 N23/13
Change Light to Fl G 6s 21m 8M 37° 21′ 39″N 126° 26′ 34″E

Add Depth 0.4 meter 37° 11′ 25″N 126° 16′ 32″E

Buoy ODAS [Q58] Y, spherical
37° 09′ 53″N 126° 12′ 23″E
(52(877)12, 11(199), 20(359)13 Inchon)

95060 15Ed. 12/22/12 LAST NM N23/13 N27/13
Add Racon (B) [S3.3] to light 37° 08′ 58″N 126° 20′ 53″E
(50(860)11 Inchon; UKHO LL)

95060 15Ed. 12/22/12 LAST NM N27/13 N34/13
Add Buoy Y, pillar, "X" topmark, Fl(5) Y 20s
37° 14.2′ N 126° 01.1′ E
(37(563)11 Inchon)

★**95065** 7Ed. 2/27/10 NEW EDITION N19/10
(NGA)

95065 7Ed. 2/27/10 LAST NM N19/10 N19/12
Relocate Buoy "B" from 37° 34′ 30″N 126° 02′ 51″E to
37° 34′ 30″N 126° 03′ 00″E
(12(171)12 Inchon)

95065 7Ed. 2/27/10 LAST NM N19/12 N23/13
Add Depth 0.4 meter enclosed by depth contour (2-meter) centered 37° 11′ 25″N 126° 16′ 32″E
(11(199)13 Inchon)

95065 7Ed. 2/27/10 LAST NM N23/13 N25/13
Add Buoy (mooring) [Q40] 37° 11′ 44″N 126° 14′ 15″E
(39(618)12 Inchon)

95065 7Ed. 2/27/10 LAST NM N25/13 N30/13
Delete Buoy "No 1" 37° 16′ 43″N 126° 14′ 14″E
Buoy "No 5" 37° 17′ 55″N 126° 16′ 00″E

Dashed line between 37° 16′ 40″N 126° 14′ 14″E
37° 19′ 38″N 126° 19′ 14″E

Change Buoy "No 2" to "No 6" R, pillar, cone topmark, Fl(2) R 6s 37° 15′ 58″N 126° 15′ 12″E
Buoy "No 3" to "No 7" G, pillar, can topmark, Fl(2) G 6s 37° 17′ 15″N 126° 15′ 14″E
Buoy "No 4" to "No 8" R, pillar, cone topmark, Fl(2) R 6s 37° 16′ 20″N 126° 16′ 00″E
Designation of buoy "No 6" to "No 10"
37° 16′ 53″N 126° 16′ 51″E
Buoy "No 7" to "No 11" G, pillar, can topmark, Fl(2) G 6s 37° 18′ 24″N 126° 17′ 06″E
Buoy "No 8" to "No 12" R, pillar, cone topmark, Fl(2) R 6s 37° 17′ 30″N 126° 17′ 50″E
Buoy "No 9" to "No 13" G, pillar, can topmark, Fl(2) G 6s 37° 18′ 58″N 126° 17′ 58″E
Buoy "No 10" to "No 14" R, pillar, cone topmark, Fl(2) R 6s 37° 18′ 06″N 126° 18′ 42″E
Designation of buoy "No 11" to "No 15"
37° 19′ 32″N 126° 19′ 06″E
Designation of buoy "No 12" to "No 16"
37° 18′ 34″N 126° 19′ 35″E
Buoy "No 13" to "No 17" G, pillar, can topmark, QG 37° 20′ 04″N 126° 19′ 59″E
Buoy "No 14" to "No 18" R, pillar, cone topmark, QR 37° 19′ 08″N 126° 20′ 34″E

Add Buoy "No 5" G, pillar, can topmark, Fl(2) G 6s AIS 37° 16′ 40″N 126° 14′ 14″E
Buoy "No 9" G, pillar, can topmark, Fl(2) G 6s 37° 17′ 51″N 126° 16′ 03″E

Dashed line joining 37° 16′ 40″N 126° 14′ 14″E
37° 17′ 51″N 126° 16′ 03″E
37° 19′ 05″N 126° 18′ 13″E
37° 19′ 38″N 126° 19′ 14″E
(44(712)12 Inchon; UKHO ARCS 1270-0)

95065 7Ed. 2/27/10 LAST NM N30/13 N34/13
Change Characteristic of buoy to Fl(5) Y 20s
37° 14′ 10″N 126° 01′ 08″E
(37(563)11 Inchon)

★**95066** 13Ed. 5/29/10 NEW EDITION N38/10
(NGA)

95066 13Ed. 5/29/10 LAST NM N38/10 N41/10
Delete Anchor berth "13" 37° 04′ 00″N 126° 20′ 45″E
Anchor berth "14" 37° 03′ 42″N 126° 19′ 33″E

Add Buoy WBuW, pillar, Fl(3) 7s 37° 22′ 25″N 126° 27′ 19″E
(31(446), 34(495)10 Inchon)

95066 13Ed. 5/29/10 LAST NM N41/10 N51/10
Delete Buoy "E" 37° 24′ 44″N 126° 33′ 20″E
Buoy "No 10" 37° 24′ 21″N 126° 33′ 12″E

Relocate Pilot station symbol and legend "Palmi" from
37° 20′ 45″N 126° 30′ 53″E to 37° 20′ 22″N 126° 28′ 18″E

Change Designation of buoy "F" to "E" 37° 23′ 43″N 126° 32′ 42″E
Designation of buoy "G" to "F"
37° 23′ 27″N 126° 32′ 06″E
Designation of buoy "H" to "G"
37° 23′ 09″N 126° 31′ 24″E
Designation of buoy "J" to "H" 37° 22′ 53″N 126° 30′ 48″E
(44(666, 667)10 Inchon)

95066 13Ed. 5/29/10 LAST NM N51/10 N52/10
Add Purple open-outlined arrow indicating flow of
traffic [M10] oriented 270° 37° 08′ 31″N 126° 30′ 30″E
Purple open-outlined arrow indicating flow of
traffic [M10] oriented 090° 37° 08′ 00″N 126° 30′ 30″E
Purple open-outlined arrow indicating flow of
traffic [M10] oriented 298° 37° 06′ 37″N 126° 35′ 18″E
Purple open-outlined arrow indicating flow of
traffic [M10] oriented 118° 37° 06′ 24″N 126° 35′ 09″E
(46(717)10 Inchon)

95066 13Ed. 5/29/10 LAST NM N52/10 N5/11
Delete Buoy "No 21" 37° 20′ 04″N 126° 36′ 52″E
Buoy 37° 20′ 18″N 126° 36′ 43″E

Purple dashed line joining 37° 07′ 36″N 126° 31′ 41″E
37° 07′ 46″N 126° 31′ 17″E
37° 08′ 26″N 126° 31′ 40″E
37° 06′ 27″N 126° 36′ 11″E

Add Purple dashed line joining 37° 07′ 36″N 126° 31′ 41″E
37° 07′ 40″N 126° 31′ 13″E
37° 08′ 38″N 126° 31′ 46″E
37° 06′ 27″N 126° 36′ 11″E
(51(798, 800)10 Inchon)

95066 13Ed. 5/29/10 LAST NM N5/11 N19/11
Add Buoy "No 28" R, pillar, cone topmark,
Fl(2) R 6s 37° 03′ 15″N 126° 39′ 29″E
(5(112)11 Inchon)

95066 13Ed. 5/29/10 LAST NM N19/11 N33/11
Delete Buoy 37° 22′ 05″N 126° 30′ 54″E
Buoy "A" 37° 23′ 32″N 126° 30′ 40″E
Buoy "B" 37° 23′ 50″N 126° 31′ 20″E
Buoy "C" 37° 24′ 08″N 126° 32′ 00″E
Buoy "D" 37° 24′ 26″N 126° 32′ 39″E
Buoy "E" 37° 23′ 43″N 126° 32′ 42″E
Buoy "8" 37° 24′ 03″N 126° 32′ 31″E
(See 51/10-95066)

Substitute Buoy "No A" Y, pillar, "X" topmark, Fl(3) Y 7s
[Q130.6] for buoy "No 2" 37° 23′ 13″N 126° 30′ 39″E
Buoy "No B" Y, pillar, "X" topmark, Fl(3) Y 7s
[Q130.6] for buoy "No 4" 37° 23′ 30″N 126° 31′ 18″E
Buoy "No C" Y, pillar, "X" topmark, Fl(3) Y 7s
[Q130.6] for buoy "No 6" 37° 23′ 46″N 126° 31′ 54″E

Change Designation of buoy "F" to "D"
37° 23′ 27″N 126° 32′ 06″E
Designation of buoy "G" to "E"
37° 23′ 09″N 126° 31′ 24″E
Designation of buoy "H" to "F"
37° 22′ 53″N 126° 30′ 48″E
(26(341), 27(361)11 Inchon)

95066 13Ed. 5/29/10 LAST NM N33/11 N41/11
Add Purple circle and legend "AIS" to light
37° 26′ 18″N 126° 35′ 12″E
Purple circle and legend "AIS" to light
37° 21′ 30″N 126° 30′ 40″E
Purple circle and legend "AIS" to beacon
37° 19′ 50″N 126° 28′ 39″E
(28(382)11 Inchon)

95066 13Ed. 5/29/10 LAST NM N41/11 N47/11
Add Purple dashed line with legend "VTS" joining
37° 11′ 55″N 126° 32′ 10″E
37° 10′ 29″N 126° 23′ 11″E
37° 03′ 22″N 126° 16′ 22″E
37° 02′ 34″N 126° 17′ 18″E
37° 05′ 57″N 126° 23′ 35″E
37° 07′ 39″N 126° 26′ 41″E
37° 07′ 52″N 126° 27′ 13″E
37° 07′ 15″N 126° 31′ 42″E
37° 06′ 44″N 126° 32′ 25″E
37° 03′ 42″N 126° 33′ 36″E
37° 02′ 10″N 126° 33′ 30″E

Radio reporting point symbol [M40] with
direction pointers 127°-307° 37° 07′ 43″N 126° 20′ 34″E
Radio reporting point symbol [M40] with
direction pointers 146°-326° 37° 04′ 12″N 126° 20′ 19″E
Radio reporting point symbol [M40] with
direction pointer 169° 37° 11′ 14″N 126° 27′ 48″E
Radio reporting point symbol [M40] with
direction pointer 010° 37° 07′ 28″N 126° 30′ 11″E
(39(155)11 Inchon)

95066 13Ed. 5/29/10 LAST NM N47/11 N48/11
Change Light "C" to "A" Fl(4) Y 8s 12m 7M Horn
37° 20′ 17″N 126° 34′ 53″E
Light "D" to "B" Fl(4) Y 8s 12m 7M
37° 20′ 17″N 126° 35′ 09″E
Light to "C" Fl Y 6s 12m 7M Horn
37° 20′ 17″N 126° 35′ 18″E

Light to "D" Fl Y 6s 12m 7M 37° 20′ 17″N 126° 35′ 37″E
Light to Fl G 4s 10m 6M 37° 20′ 40″N 126° 36′ 06″E
(40(602)11 Inchon)

95066 13Ed. 5/29/10 LAST NM N48/11 N20/12
Delete Buoy "20" 37° 19′ 38″N 126° 36′ 18″E
Buoy "22" 37° 19′ 38″N 126° 36′ 44″E

Change Characteristic of buoy "19" to Fl(3) G 7s
37° 20′ 07″N 126° 36′ 02″E

Add Buoy "20" R, pillar, cone topmark, Fl(3) R 7s
37° 19′ 38″N 126° 36′ 29″E
(13(186)12 Inchon)

95066 13Ed. 5/29/10 LAST NM N20/12 N22/12
Delete Buoy "36" 37° 14′ 47″N 126° 25′ 29″E

Relocate Buoy "A" from 37° 15′ 26″N 126° 25′ 40″E to
37° 15′ 12″N 126° 25′ 24″E
Buoy "B" from 37° 14′ 51″N 126° 25′ 40″E to
37° 14′ 49″N 126° 25′ 25″E
(17(235)12 Inchon)

95066 13Ed. 5/29/10 LAST NM N22/12 N19/13
Delete Buoy "No 10" 37° 05′ 29″N 126° 36′ 27″E
Buoy "No 12" 37° 04′ 39″N 126° 37′ 29″E
Buoy "No 13" 37° 04′ 13″N 126° 39′ 22″E
Buoy "No 14" 37° 03′ 52″N 126° 38′ 45″E

Change Buoy to "No 17" G, pillar, can topmark,
Fl(3) G 7s 37° 05′ 40″N 126° 37′ 16″E

Add AIS [S17.1] to light 37° 06′ 56″N 126° 23′ 11″E

AIS [S17.2] to buoy 37° 06′ 27″N 126° 36′ 10″E
and change designation to "No 13"
AIS [S17.2] to buoy 37° 05′ 56″N 126° 35′ 40″E
and change designation to "No 14"

Buoy "No 18" R, pillar, cone topmark,
Fl(3) R 8s 37° 05′ 12″N 126° 36′ 43″E
Buoy "No 20" R, pillar, cone topmark,
Fl(4) R 8s 37° 04′ 48″N 126° 37′ 17″E
Buoy "No 22" R, pillar, cone topmark,
Fl(2) R 6s 37° 04′ 23″N 126° 37′ 52″E
Buoy "No 25" G, pillar, can topmark,
Fl(4) G 8s AIS 37° 04′ 03″N 126° 39′ 29″E
Buoy "No 24" R, pillar, cone topmark,
Fl(3) R 7s 37° 03′ 59″N 126° 38′ 27″E

Superbuoy ODAS [Q58] Y 37° 07′ 00″N 126° 22′ 30″E
(5(85), 6(96)13 Inchon)

95066 13Ed. 5/29/10 LAST NM N19/13 N20/13
Relocate Buoy "A" from 37° 03′ 16″N 126° 33′ 13″E to
37° 03′ 01″N 126° 33′ 13″E

Add Light Fl(2) G 6s 15m 8M 37° 06′ 40″N 126° 23′ 40″E

Superbuoy ODAS [Q58] Y, Fl(4) Y 8s
37° 08′ 52″N 126° 31′ 53″E
(26(370), 27(393), 41(658)12 Inchon)

95066 13Ed. 5/29/10 LAST NM N20/13 N21/13

Delete Purple dashed line (fairway limit) between
37° 07′ 36″N 126° 31′ 40″E
37° 07′ 40″N 126° 31′ 13″E

Change Characteristic of buoy "No 3" to Fl G 4s
37° 08′ 06″N 126° 32′ 27″E
Characteristic of buoy "No 4" to Fl R 4s
37° 07′ 27″N 126° 32′ 01″E
Characteristic of buoy "No 5" to Fl G 4s
37° 07′ 46″N 126° 33′ 11″E
Characteristic of buoy "No 6" to Fl R 4s
37° 07′ 08″N 126° 32′ 47″E
Characteristic of buoy "No 7" to Fl G 4s
37° 07′ 27″N 126° 33′ 54″E
Characteristic of buoy "No 8" to Fl R 4s
37° 06′ 52″N 126° 33′ 27″E
Characteristic of buoy "No 9" to Fl G 4s
37° 07′ 07″N 126° 34′ 39″E
Characteristic of buoy "No 10" to Fl R 4s
37° 06′ 33″N 126° 34′ 13″E
Characteristic of buoy "No 17" to Fl(2) G 6s
37° 05′ 40″N 126° 37′ 16″E
Characteristic of buoy "No 18" to Fl(2) R 6s
37° 05′ 12″N 126° 36′ 43″E
Characteristic of buoy "No 20" to Fl(2) R 6s
37° 04′ 48″N 126° 37′ 18″E
Characteristic of buoy "No 24" to Fl(2) R 6s
37° 03′ 59″N 126° 38′ 26″E
Characteristic of buoy "No 25" to Fl(2) G 6s
37° 04′ 03″N 126° 39′ 29″E
(See N19/13-95066)

Add Buoy "No 11" G, pillar, can topmark, Fl G 4s
37° 06′ 49″N 126° 35′ 21″E
Buoy "No 12" R, pillar, cone topmark, Fl R 4s
37° 06′ 14″N 126° 34′ 59″E

Buoy "No 26" R, pillar, cone topmark,
Fl(2) R 6s 37° 03′ 38″N 126° 38′ 57″E
Buoy Y, pillar, "X" topmark, Fl(4) Y 8s
[Q130.6] 37° 08′ 52″N 126° 30′ 46″E

Purple dashed line (fairway limit) [N1.2]
joining 37° 05′ 56″N 126° 35′ 41″E
37° 07′ 32″N 126° 32′ 03″E
37° 07′ 40″N 126° 31′ 13″E
(47(780)11, 8(114)12, 2(33)13 Inchon)

95066 13Ed. 5/29/10 LAST NM N21/13 N22/13

Delete Buoy "No 3" 37° 23′ 00″N 126° 31′ 38″E

Change Designation of buoy "No 21" to "No 1"
37° 21′ 12″N 126° 28′ 16″E
Designation of buoy "No 23" to "No 3"
37° 21′ 15″N 126° 29′ 07″E
Designation of buoy "No 25" to "No 5"
37° 21′ 16″N 126° 29′ 55″E
Designation of buoy "No 26" to "No 6"
37° 20′ 19″N 126° 30′ 29″E
Designation of buoy "No 27" to "No 7"
37° 21′ 18″N 126° 30′ 42″E
Designation of buoy "No 28" to "No 8"
37° 20′ 35″N 126° 31′ 28″E
Designation of buoy "No 1" to "No 9"
37° 22′ 31″N 126° 31′ 18″E
Designation of buoy "No 2" to "No 10"
37° 22′ 01″N 126° 32′ 49″E
Designation of buoy "No 4" to "No 12"
37° 22′ 57″N 126° 33′ 26″E
Designation of buoy "No 5" to "No 13"
37° 24′ 34″N 126° 33′ 00″E
Designation of buoy "No 6" to "No 14"
37° 23′ 48″N 126° 34′ 03″E
Designation of buoy "No 9" to "No 15"
37° 25′ 55″N 126° 33′ 48″E
Designation of buoy "No 10" to "No 16"
37° 25′ 42″N 126° 35′ 01″E
Designation of buoy "No 11" to "No 19"
37° 26′ 54″N 126° 34′ 08″E
Designation of buoy "No 13" to "No 23"
37° 27′ 52″N 126° 34′ 27″E
Designation of buoy "No 15" to "No 27"
37° 28′ 41″N 126° 35′ 04″E
Designation of buoy "No 23" to "No 29"
37° 29′ 07″N 126° 35′ 01″E
Designation of buoy "No 25" to "No 31"
37° 29′ 20″N 126° 35′ 18″E
Designation of buoy "No 27" to "No 33"
37° 29′ 56″N 126° 35′ 44″E
Designation of buoy "No 29" to "No 35"
37° 30′ 36″N 126° 35′ 44″E

Add Buoy Y, pillar, "X" topmark, Fl(3) Y 7s
[Q130.6] 37° 24′ 00″N 126° 33′ 05″E
Buoy "No 11" G, pillar, can topmark,
Fl(2) G 6s 37° 23′ 22″N 126° 31′ 59″E
(15(270), 18(323)13 Inchon)

95066 13Ed. 5/29/10 LAST NM N22/13 N23/13

Relocate Buoy "A" from 37° 19′ 04″N 126° 37′ 06″E to
37° 19′ 00″N 126° 36′ 52″E
Buoy "B" from 37° 18′ 56″N 126° 36′ 39″E to
37° 19′ 15″N 126° 36′ 37″E

Buoy from 37° 18′ 45″N 126° 36′ 14″E to
37° 18′ 48″N 126° 36′ 22″E
and add designation "E"

Change Light to Fl G 6s 21m 8M 37° 21′ 40″N 126° 26′ 30″E

Add Depth 0.4 meter enclosed by depth contour
(2-meter) centered 37° 11′ 25″N 126° 16′ 32″E

Buoy ODAS [Q58] Y, spherical
37° 09′ 53″N 126° 12′ 23″E

Buoy "C" Y, pillar, "X" topmark, Fl(4) Y 8s
[Q130.6] 37° 19′ 26″N 126° 36′ 27″E
Buoy "D" Y, pillar, "X" topmark, Fl(4) Y 8s
[Q130.6] 37° 19′ 14″N 126° 36′ 26″E
(49(818), 52(877)12, 11(199), 20(359)13 Inchon)

95066 13Ed. 5/29/10 LAST NM N23/13 N24/13

Delete Buoy "D" 37° 23′ 27″N 126° 32′ 06″E
Buoy "No C" 37° 23′ 46″N 126° 31′ 54″E
Buoy "E" 37° 23′ 09″N 126° 31′ 24″E
Buoy "No B" 37° 23′ 30″N 126° 31′ 18″E
Buoy "F" 37° 22′ 53″N 126° 30′ 48″E
Buoy "No A" 37° 23′ 13″N 126° 30′ 39″E
Anchorage area "A9" in vicinity
37° 24′ 38″N 126° 35′ 17″E

Add Anchorage area [N12.1] bound by purple
dashed line joining 37° 25′ 05″N 126° 35′ 39″E
37° 24′ 29″N 126° 35′ 26″E
37° 24′ 44″N 126° 34′ 31″E
37° 25′ 17″N 126° 34′ 48″E

Purple dashed line joining 37° 06′ 57″N 126° 21′ 24″E
37° 08′ 15″N 126° 22′ 45″E
37° 08′ 15″N 126° 25′ 00″E

Purple open-outlined dashed arrow indicating
recommended flow of traffic [M11] oriented
090° 37° 08′ 07″N 126° 23′ 27″E
Purple open-outlined dashed arrow indicating
recommended flow of traffic [M11] oriented
270° 37° 08′ 26″N 126° 23′ 27″E
Purple open-outlined dashed arrow indicating
recommended flow of traffic [M11] oriented
040° 37° 07′ 20″N 126° 22′ 05″E
Purple open-outlined dashed arrow indicating
recommended flow of traffic [M11] oriented
220° 37° 07′ 30″N 126° 21′ 48″E
(14(203), 47(772)12, 13(237)13 Inchon)

95066 13Ed. 5/29/10 LAST NM N24/13 N25/13

Add Buoy (mooring) [Q40] 37° 11′ 44″N 126° 14′ 15″E
(39(618)12 Inchon)

95066 13Ed. 5/29/10 LAST NM N25/13 N26/13

Add Designation "No 22" to buoy 37° 18′ 10″N 126° 26′ 42″E
(21(380)13 Inchon)

95066 13Ed. 5/29/10 LAST NM N26/13 N27/13

Delete Light 37° 20′ 05″N 126° 37′ 13″E

Change Light to Fl 15s 38m 27M Racon (B) AIS
37° 08′ 58″N 126° 20′ 51″E
(50(860)11 Inchon; UKHO LL)

95066 13Ed. 5/29/10 LAST NM N27/13 N29/13

Relocate Buoy from 37° 24′ 00″N 126° 33′ 05″E to
37° 23′ 51″N 126° 32′ 44″E
(See N22/13-95066)

Add Buoy "2" R, pillar, cone topmark, Fl R 4s
37° 09′ 48″N 126° 34′ 30″E

(continued on next page)

95066 (Continued) 29/13
Buoy "4" R, pillar, cone topmark, Fl R 4s
37° 10′ 07″N 126° 35′ 18″E
Buoy "5" G, pillar, can topmark, Fl G 4s
37° 10′ 34″N 126° 36′ 00″E
Buoy "8" R, pillar, cone topmark, Fl R 4s
37° 10′ 48″N 126° 37′ 00″E
(25(460), 26(484)13 Inchon)

95066 13Ed. 5/29/10 LAST NM N29/13 N30/13
Delete Buoy "No 1" 37° 16′ 43″N 126° 14′ 14″E
Buoy "No 5" 37° 17′ 55″N 126° 16′ 00″E
Buoy "No 17" 37° 20′ 32″N 126° 22′ 38″E

Dashed line between 37° 16′ 40″N 126° 14′ 14″E
37° 19′ 38″N 126° 19′ 14″E

Change Buoy "No 2" to "No 6" R, pillar, cone topmark, Fl(2) R 6s 37° 15′ 58″N 126° 15′ 12″E
Buoy "No 3" to "No 7" G, pillar, can topmark, Fl(2) G 6s 37° 17′ 15″N 126° 15′ 14″E
Buoy "No 4" to "No 8" R, pillar, cone topmark, Fl(2) R 6s 37° 16′ 20″N 126° 16′ 00″E
Designation of buoy "6" to "10"
37° 16′ 53″N 126° 16′ 51″E
Buoy "No 7" to "No 11" G, pillar, can topmark, Fl(2) G 6s 37° 18′ 24″N 126° 17′ 06″E
Buoy "No 8" to "No 12" R, pillar, cone topmark, Fl(2) R 6s 37° 17′ 30″N 126° 17′ 50″E
Buoy "No 9" to "No 13" G, pillar, can topmark, Fl(2) G 6s 37° 18′ 58″N 126° 17′ 58″E
Buoy "No 10" to "No 14" R, pillar, cone topmark, Fl(2) R 6s 37° 18′ 06″N 126° 18′ 42″E
Designation of buoy "No 11" to "No 15"
37° 19′ 32″N 126° 19′ 06″E
Designation of buoy "No 12" to "No 16"
37° 18′ 34″N 126° 19′ 35″E
Buoy "No 13" to "No 17" G, pillar, can topmark, QG 37° 20′ 04″N 126° 19′ 59″E
Buoy "No 14" to "No 18" R, pillar, cone topmark, QR 37° 19′ 08″N 126° 20′ 34″E
Buoy "No 15" to "No 19" G, pillar, can topmark, Fl(2) G 6s 37° 20′ 24″N 126° 21′ 24″E
Buoy "No 16" to "No 20" R, pillar, cone topmark, Fl(2) R 6s 37° 19′ 18″N 126° 21′ 24″E
Designation of buoy "No 18" to "No 22"
37° 19′ 33″N 126° 22′ 30″E
Buoy "No 19" to "No 23" G, pillar, can topmark, Fl(2) G 6s 37° 20′ 40″N 126° 23′ 27″E
Buoy "No 20" to "No 24" R, pillar, cone topmark, Fl(2) R 6s 37° 19′ 55″N 126° 23′ 48″E

Add Pilot station symbol [T1.1] 37° 30′ 36″N 126° 35′ 53″E
Buoy "No 5" G, pillar, can topmark, Fl(2) G 6s AIS 37° 16′ 40″N 126° 14′ 14″E
Buoy "No 9" G, pillar, can topmark, Fl(2) G 6s 37° 17′ 51″N 126° 16′ 03″E
Buoy "No 21" G, pillar, can topmark, Fl(2) G 6s 37° 20′ 30″N 126° 22′ 38″E

Dashed line joining 37° 16′ 40″N 126° 14′ 14″E
37° 17′ 51″N 126° 16′ 03″E
37° 19′ 05″N 126° 18′ 13″E
37° 19′ 38″N 126° 19′ 14″E
(43(680)11, 44(712)12 Inchon; UKHO ARCS 1270-0)

95066 13Ed. 5/29/10 LAST NM N30/13 N31/13
Change Buoy "No 1" to "A" Y, pillar, "X" topmark, Fl Y 4s 37° 09′ 51″N 126° 19′ 53″E
Buoy "No 3" to "B" Y, pillar, "X" topmark, Fl(2) Y 6s 37° 11′ 04″N 126° 20′ 22″E

Characteristic of buoy "No 4" to Fl R 4s
37° 10′ 00″N 126° 22′ 13″E
Characteristic of buoy "No 6" to Fl R 4s
37° 10′ 33″N 126° 23′ 08″E
Characteristic of buoy "No 10" to Fl R 4s
37° 12′ 09″N 126° 24′ 32″E
Characteristic of buoy "No 11" to QG
37° 13′ 20″N 126° 24′ 28″E

Buoy to "No 12" R, pillar, cone topmark, QR AIS 37° 13′ 09″N 126° 25′ 12″E

Characteristic of buoy "No 15" to Fl G 4s
37° 15′ 42″N 126° 24′ 26″E
Characteristic of buoy "No 16" to Fl R 4s
37° 15′ 42″N 126° 25′ 28″E
Characteristic of buoy "No 17" to Fl G 4s
37° 16′ 49″N 126° 24′ 28″E
Characteristic of buoy "No 18" to Fl R 4s
37° 16′ 29″N 126° 25′ 39″E
Designation of buoy "B" to "No 13"
37° 14′ 47″N 126° 24′ 26″E

Add Buoy "No 1" GRG, pillar, can topmark, Fl(2+1) G 7s 37° 10′ 05″N 126° 20′ 39″E
Buoy "No 3" G, pillar, can topmark, Fl G 4s 37° 10′ 38″N 126° 21′ 29″E
(44(713)12 Inchon; UKHO ARCS 1270-0)

95066 13Ed. 5/29/10 LAST NM N31/13 N33/13
Relocate Buoy "A" from 37° 07′ 43″N 126° 31′ 23″E to
37° 07′ 37″N 126° 31′ 21″E
Buoy "1" from 37° 08′ 26″N 126° 31′ 40″E to
37° 08′ 33″N 126° 31′ 43″E
Buoy "2" from 37° 07′ 47″N 126° 31′ 17″E to
37° 07′ 40″N 126° 31′ 13″E
Buoy "3" from 37° 08′ 06″N 126° 32′ 27″E to
37° 08′ 12″N 126° 32′ 27″E
Buoy "5" from 37° 07′ 46″N 126° 33′ 11″E to
37° 07′ 51″N 126° 33′ 12″E
Buoy "7" from 37° 07′ 27″N 126° 33′ 54″E to
37° 07′ 30″N 126° 33′ 57″E
Buoy "9" from 37° 07′ 07″N 126° 34′ 39″E to
37° 07′ 09″N 126° 34′ 42″E
Buoy "11" from 37° 06′ 49″N 126° 35′ 21″E
to 37° 06′ 48″N 126° 35′ 26″E
(See 21/13-95066)
(30(566)13 Inchon)

95066 13Ed. 5/29/10 LAST NM N33/13 N34/13
Relocate Buoy "B" from 37° 19′ 15″N 126° 36′ 37″E to
37° 19′ 16″N 126° 36′ 40″E
(See N23/13-95066)

Add AIS [S17.2] to buoy 37° 08′ 33″N 126° 31′ 43″E
(See N33/13-95066)
(6(96), 31(576)13 Inchon)

★**95067** 16Ed. 12/18/10 NEW EDITION N18/11
(NGA)

95067 16Ed. 12/18/10 LAST NM N18/11 N33/11
Change Light "B" to Fl(2) Y 6s 10m 7M
37° 27′ 19.3″N 126° 35′ 39.2″E
(16(227)11 Inchon)

95067 16Ed. 12/18/10 LAST NM N33/11 N41/11
Delete Horn from light "B" 37° 30′ 02.3″N 126° 36′ 10.8″E

Add Purple circle and legend "AIS" to light
37° 26′ 18.3″N 126° 35′ 12.2″E

Fog signal [R1] Horn 37° 30′ 05.1″N 126° 36′ 11.5″E
(28(382), 31(458)11 Inchon)

95067 16Ed. 12/18/10 LAST NM N41/11 N42/11
Add Designation "C" to buoy 37° 30′ 30.2″N 126° 36′ 12.4″E
(36(547)11 Inchon)

95067 16Ed. 12/18/10 LAST NM N42/11 N19/12
Substitute Depth 10.6 meters for 10.8 meters
37° 29′ 43.1″N 126° 36′ 19.2″E

Add "14.0m" area [I21] bound by dashed line joining 37° 29′ 44.8″N 126° 36′ 17.1″E
37° 29′ 45.2″N 126° 36′ 33.4″E
37° 29′ 43.8″N 126° 36′ 33.4″E
37° 29′ 43.5″N 126° 36′ 17.2″E
and delete all hydrography within above area
(12(168)12 Inchon)

95067 16Ed. 12/18/10 LAST NM N19/12 N22/13
Change Designation of buoy "No 4" to "No 12"
37° 22′ 55.2″N 126° 33′ 27.4″E
Designation of buoy "No 5" to "No 13"
37° 24′ 34.0″N 126° 33′ 00.7″E
Designation of buoy "No 6" to "No 14"
37° 23′ 49.1″N 126° 34′ 02.5″E
Designation of buoy "No 9" to "No 15"
37° 25′ 55.0″N 126° 33′ 47.5″E
Designation of buoy "No 10" to "No 16"
37° 25′ 42.0″N 126° 35′ 00.5″E
Designation of buoy "No 11" to "No 17"
37° 26′ 24.0″N 126° 33′ 57.0″E

(continued on next page)

95067 (Continued) 22/13

Designation of buoy "No 13" to "No 19"
37° 26′ 54.0″N 126° 34′ 07.4″E
Designation of buoy "No 14" to "No 24"
37° 27′ 41.0″N 126° 35′ 17.3″E
Designation of buoy "No 15" to "No 21"
37° 27′ 25.0″N 126° 34′ 18.0″E
Designation of buoy "No 17" to "No 23"
37° 27′ 52.0″N 126° 34′ 27.5″E
Designation of buoy "No 19" to "No 25"
37° 28′ 16.0″N 126° 34′ 36.0″E
Designation of buoy "No 21" to "No 27"
37° 28′ 41.0″N 126° 34′ 59.3″E
Designation of buoy "No 23" to "No 29"
37° 29′ 06.0″N 126° 35′ 00.0″E
Designation of buoy "No 24" to "No 30"
37° 29′ 05.0″N 126° 35′ 41.0″E

Buoy "No 25" to "No 31" G, pillar,
can topmark, Fl(3) G 7s 37° 29′ 20.2″N 126° 35′ 18.5″E
Buoy "No 27" to "No 33" G, pillar,
can topmark, Fl G 4s 37° 29′ 56.0″N 126° 35′ 44.0″E
Buoy "No 29" to "No 35" G, pillar,
can topmark, Fl(2) G 6s 37° 30′ 36.1″N 126° 35′ 43.9″E

Add Buoy Y, pillar, "X" topmark, Fl(3) Y 7s
[Q130.6] 37° 24′ 00.0″N 126° 33′ 05.0″E
(15(270), 18(323)13 Inchon)

95067 16Ed. 12/18/10 LAST NM N22/13 N23/13
Change Light to Fl G 5s 12m 17M 37° 28′ 08.1″N 126° 35′ 41.6″E
(52(877)12 Inchon)

95067 16Ed. 12/18/10 LAST NM N23/13 N24/13
Delete Anchorage area "A-9" in vicinity
37° 24′ 38.1″N 126° 35′ 17.4″E
Buoy "A" 37° 28′ 21.8″N 126° 35′ 43.0″E
Buoy "B" 37° 28′ 25.6″N 126° 35′ 43.8″E

Add Anchorage area [N12.1] bound by purple
dashed line joining 37° 25′ 05.0″N 126° 35′ 39.0″E
37° 24′ 29.3″N 126° 35′ 26.3″E
37° 24′ 44.0″N 126° 34′ 30.6″E
37° 25′ 16.5″N 126° 34′ 47.5″E
(8(115), 47(772)12 Inchon)

95067 16Ed. 12/18/10 LAST NM N24/13 N28/13
Delete Buoy "A" 37° 29′ 35.0″N 126° 36′ 12.0″E
Buoy "C" 37° 29′ 45.0″N 126° 36′ 01.5″E
Buoy "D" 37° 29′ 14.0″N 126° 35′ 46.0″E
Buoy "E" 37° 29′ 22.0″N 126° 36′ 07.0″E
Buoy "F" 37° 29′ 32.0″N 126° 36′ 46.0″E
Buoy "G" 37° 29′ 25.0″N 126° 36′ 49.0″E
Buoy "H" 37° 29′ 08.0″N 126° 35′ 42.0″E
Buoy "A" 37° 29′ 31.0″N 126° 35′ 55.0″E
Buoy "B" 37° 29′ 35.0″N 126° 35′ 52.5″E

Purple composite line between
37° 29′ 45.0″N 126° 36′ 16.0″E
37° 29′ 10.0″N 126° 36′ 07.0″E

Add Buoy "A" Y, pillar, "X" topmark, Fl(3) Y 7s
37° 29′ 44.5″N 126° 35′ 59.5″E
Buoy "B" Y, pillar, "X" topmark, Fl(3) Y 7s
37° 29′ 32.5″N 126° 35′ 57.0″E

Depth 9.6 meters, blue tint and enclosing
depth contour (10-meter) centered
37° 29′ 32.0″N 126° 36′ 40.0″E
Depth 9.2 meters, blue tint and enclosing
depth contour (10-meter) centered
37° 29′ 32.0″N 126° 36′ 33.0″E
(7(93)12, 22(394)13 Inchon)

95067 16Ed. 12/18/10 LAST NM N28/13 N29/13
Delete Buoy 37° 24′ 00.0″N 126° 33′ 05.0″E
(See N22/13-95067)
(26(484)13 Inchon)

95067 16Ed. 12/18/10 LAST NM N29/13 N30/13
Add Pilot station symbol [T1.1] 37° 30′ 36.0″N 126° 35′ 53.0″E
(43(680)11 Inchon)

★**95068** 3Ed. 9/15/12 NEW EDITION N6/13
(NGA)

95068 3Ed. 9/15/12 LAST NM N6/13 N19/13
Delete Light "B" 36° 59′ 29.0″N 126° 43′ 18.0″E

Buoy "34" 37° 02′ 03.0″N 126° 41′ 11.9″E
Buoy "36" 37° 01′ 29.8″N 126° 41′ 40.3″E
Buoy "38" 37° 00′ 58.0″N 126° 42′ 07.9″E

Change Characteristic of buoy "No 27" to Fl(3) G 7s
37° 03′ 36.2″N 126° 39′ 58.6″E
Characteristic of buoy "No 28" to Fl(3) R 7s
37° 03′ 13.0″N 126° 39′ 27.5″E
Characteristic of buoy "No 31" to Fl(3) G 7s
37° 02′ 40.1″N 126° 41′ 01.8″E
Characteristic of buoy "No 32" to Fl(3) R 7s
37° 02′ 22.5″N 126° 40′ 32.0″E

Buoy to "No 33" G, pillar, can topmark,
Fl(3) G 7s AIS 37° 02′ 18.0″N 126° 41′ 34.0″E

Characteristic of buoy "No 35" to Fl(4) G 8s
37° 01′ 45.0″N 126° 42′ 00.0″E
Characteristic of buoy "No 37" to Fl(4) G 8s
37° 01′ 14.0″N 126° 42′ 25.0″E

Add Buoy "No 26" R, pillar, cone topmark,
Fl(4) R 7s AIS 37° 03′ 37.6″N 126° 38′ 57.0″E
Buoy "No 34" R, pillar, cone topmark,
Fl(3) R 7s AIS 37° 02′ 00.5″N 126° 40′ 57.8″E
Buoy "No 36" R, pillar, cone topmark,
Fl(4) R 8s 37° 01′ 33.0″N 126° 41′ 31.0″E
Buoy "No 38" R, pillar, cone topmark,
Fl(4) R 8s 37° 01′ 00.0″N 126° 41′ 57.0″E
(46(759)12, 5(85), 6(96)13 Inchon)

95068 3Ed. 9/15/12 LAST NM N19/13 N20/13
Delete Light "A" 36° 59′ 21.4″N 126° 43′ 46.8″E

Relocate Buoy "30" from
37° 02′ 47.5″N 126° 40′ 01.0″E to
37° 02′ 49.0″N 126° 39′ 57.0″E
Buoy "32" from
37° 02′ 22.5″N 126° 40′ 32.0″E to
37° 02′ 24.5″N 126° 40′ 27.0″E

Change Designation of light "C" to "B"
36° 59′ 13.4″N 126° 45′ 00.1″E
Designation of light "D" to "C"
36° 58′ 56.7″N 126° 45′ 49.0″E

Light to Fl Y 4s 12m 9M 37° 00′ 07.6″N 126° 46′ 40.9″E
Light to Fl Y 6s 12m 9M 37° 00′ 02.8″N 126° 46′ 48.5″E
Light to Fl Y 4s 14m 10M 36° 59′ 43.0″N 126° 47′ 43.9″E

Add Light Fl(4) Y 8s 16m 8M 36° 59′ 18.9″N 126° 43′ 55.9″E

Land tint to area bound by solid line joining
36° 59′ 21.5″N 126° 43′ 47.0″E
36° 59′ 19.0″N 126° 43′ 56.2″E
36° 59′ 17.3″N 126° 43′ 55.5″E
and delete all hydrography within above area

Depth 13.5 meters 37° 03′ 47.1″N 126° 39′ 46.0″E
Depth 13.9 meters 37° 03′ 37.0″N 126° 39′ 55.2″E
Depth 13.4 meters 37° 03′ 17.7″N 126° 40′ 17.7″E
Depth 13.3 meters 37° 02′ 35.7″N 126° 41′ 08.2″E
Depth 13.6 meters 37° 02′ 25.4″N 126° 41′ 21.3″E
(45(731), 46(757, 759), 51(857)12, 2(33)13 Inchon)

95068 3Ed. 9/15/12 LAST NM N20/13 N21/13
Relocate Buoy "A" from
36° 58′ 58.0″N 126° 45′ 58.0″E to
36° 58′ 57.0″N 126° 46′ 00.0″E
Buoy "B" from
36° 58′ 53.0″N 126° 46′ 10.0″E to
36° 58′ 52.5″N 126° 46′ 07.5″E

Change Characteristic of buoy "No 26" to Fl(2) R 6s
37° 03′ 37.6″N 126° 38′ 57.0″E
(See N19/13-95068)
(14(201)12, 2(33)13 Inchon)

95068 3Ed. 9/15/12 LAST NM N21/13 N22/13
Delete Buoy "B" 36° 58′ 52.5″N 126° 46′ 07.5″E
(See N21/13-95068)

Relocate Buoy "A" from
36° 58′ 50.0″N 126° 46′ 25.0″E to
36° 58′ 59.0″N 126° 46′ 34.0″E
Buoy "B" from
36° 58′ 48.0″N 126° 46′ 35.0″E to
36° 58′ 49.0″N 126° 46′ 39.5″E

Add Buoy "B" Y, pillar, "X" topmark, Fl Y 4s
36° 58′ 54.8″N 126° 46′ 04.8″E
(19(339)13 Inchon)

95068 3Ed. 9/15/12 LAST NM N22/13 N26/13
Change Visibility (range) of light to 9M
36° 59′ 40.6″N 126° 47′ 17.8″E
(23(422)13 Inchon)

95068 3Ed. 9/15/12 LAST NM N26/13 N28/13
Relocate Buoy "No 15" from
36° 59′ 01.2″N 126° 49′ 15.6″E to
36° 59′ 00.8″N 126° 49′ 21.0″E
(24(44)13 Inchon)

95068 3Ed. 9/15/12 LAST NM N28/13 N32/13
Delete Depth 11.8 meters 36° 58′ 27.0″N 126° 49′ 41.5″E

Add Depth 10.8 meters 36° 58′ 27.3″N 126° 49′ 42.6″E
Depth 6.4 meters 36° 59′ 42.5″N 126° 47′ 13.9″E
(28(522)13 Inchon)

95068 3Ed. 9/15/12 LAST NM N32/13 N33/13
Relocate Buoy "A" from
36° 58′ 59.0″N 126° 46′ 34.0″E to
36° 59′ 06.0″N 126° 46′ 30.0″E
(See N22/13-95068)
(30(566)13 Inchon)

★95080 15Ed. 12/8/12 NEW EDITION N11/13
(NGA)

★95082 10Ed. 10/4/08 NEW EDITION N1/09
(NGA)

95082 10Ed. 10/4/08 LAST NM N1/09 N8/09
Add Fish haven symbol (min depth 6 meters)
[K46.2] 36° 02′ 04″N 126° 29′ 27″E
Depth 8.2 meters Wk [K26] 36° 00′ 03″N 126° 29′ 51″E
Depth 1.4 meters Obstn [K41] 35° 55′ 41″N 126° 31′ 28″E
(3(65, 66)09 Inchon)

95082 10Ed. 10/4/08 LAST NM N8/09 N31/09
Change Visibility (range) of light to 13M
35° 51′ 30″N 126° 18′ 55″E
(27(424)09 Inchon)

95082 10Ed. 10/4/08 LAST NM N31/09 N32/09
Relocate Buoy "No 2" from
35° 58′ 32″N 126° 30′ 49″E to 35° 58′ 34″N 126° 30′ 48″E
(42(606)08 Inchon)

95082 10Ed. 10/4/08 LAST NM N32/09 N34/09
Delete Depth 13.2 meters Obstn (Fish haven)
35° 54′ 23″N 126° 19′ 06″E

Add Fish haven area with blue tint [K46.1] bound by
dotted line (limiting danger line) joining
35° 54′ 18″N 126° 18′ 39″E
35° 54′ 31″N 126° 18′ 39″E
35° 54′ 31″N 126° 19′ 07″E
35° 54′ 06″N 126° 19′ 07″E

Depth 16.6 meters enclosed by depth contour
(20-meter) centered 35° 54′ 27″N 126° 18′ 45″E
Depth 16 meters enclosed by depth contour
(20-meter) centered 35° 54′ 15″N 126° 19′ 01″E
(2(40)09 Inchon)

95082 10Ed. 10/4/08 LAST NM N34/09 N39/09
Add Fish haven area with blue tint [K46.1] bound by
dotted line (limiting danger line) joining
35° 54′ 33″N 126° 19′ 26″E
35° 54′ 33″N 126° 19′ 55″E
35° 54′ 24″N 126° 19′ 55″E
35° 54′ 24″N 126° 19′ 26″E

Depth 15.1 meters enclosed by depth contour
(20-meter) centered 35° 54′ 28″N 126° 19′ 33″E
Depth 15.2 meters enclosed by depth contour
(20-meter) centered 35° 54′ 29″N 126° 19′ 49″E

Depth 18.1 meters Obstn (Fish haven) [K46.2]
35° 52′ 44″N 126° 20′ 25″E
Depth 14.6 meters Obstn (Fish haven) [K46.2]
35° 52′ 45″N 126° 20′ 43″E
Depth 12.1 meters Obstn (Fish haven) [K46.2]
35° 52′ 44″N 126° 20′ 58″E
Depth 38 meters Obstn (Fish haven) [K46.2]
35° 52′ 19″N 126° 17′ 25″E
Depth 20.5 meters Obstn (Fish haven) [K46.2]
35° 52′ 04″N 126° 17′ 27″E
(2(40)09 Inchon)

95082 10Ed. 10/4/08 LAST NM N39/09 N41/09
Delete Buoy "A" 35° 58′ 43″N 126° 34′ 36″E
(8(154)09 Inchon)

95082 10Ed. 10/4/08 LAST NM N41/09 N23/10
Delete Light 35° 58′ 44″N 126° 38′ 16″E

Change Height of beacon to 15m 35° 58′ 58″N 126° 38′ 55″E
(ROK CH 305)

★95083 9Ed. 7/30/11 NEW EDITION N13/12
(NGA)

★95084 8Ed. 1/21/12 NEW EDITION N21/12
(NGA)

95084 8Ed. 1/21/12 LAST NM N21/12 N30/13
Delete Buoy 34° 41′ 36″N 126° 03′ 23″E
Buoy 34° 46′ 06″N 126° 12′ 28″E
(14(247, 248)13 Inchon)

★95085 5Ed. 7/30/11 NEW EDITION N44/11
(NGA)

95085 5Ed. 7/30/11 LAST NM N44/11 N46/11
Add Light Fl(2) W 6s 15m 8M 34° 47′ 18.4″N 126° 18′ 58.5″E
(38(575)11 Inchon)

95085 5Ed. 7/30/11 LAST NM N46/11 N26/13
Delete Buoy "No 6" 34° 47′ 06.9″N 126° 20′ 41.6″E
Buoy "No 10" 34° 47′ 14.8″N 126° 21′ 14.7″E
Buoy "No 11" 34° 47′ 25.4″N 126° 21′ 26.2″E
Buoy "No 12" 34° 47′ 13.1″N 126° 21′ 21.8″E

Change Buoy "No 4" to "No 6" R, pillar, cone topmark,
Fl(2) R 6s 34° 46′ 30.0″N 126° 20′ 33.0″E
Buoy "No 8" to "No 10" R, pillar, cone
topmark, Fl R 6s AIS 34° 47′ 12.0″N 126° 20′ 55.0″E
Buoy "No 9" to "No 11" G, pillar, can topmark,
Fl G 4s 34° 47′ 27.0″N 126° 21′ 19.0″E

Add Buoy "No 4" R, pillar, cone topmark, Fl R 4s
34° 46′ 10.0″N 126° 20′ 14.0″E
Buoy "No 8" R, pillar, cone topmark, Fl R 4s
34° 46′ 45.0″N 126° 20′ 45.0″E
Buoy "No 12" R, pillar, cone topmark, Fl R 4s
34° 47′ 14.0″N 126° 21′ 14.0″E
Buoy "No 13" G, pillar, can topmark, Fl G 4s
34° 47′ 25.0″N 126° 21′ 26.0″E
Buoy "No 14" R, pillar, cone topmark, Fl R 4s
34° 47′ 13.0″N 126° 21′ 21.0″E
Buoy "A" Y, pillar, "X" topmark, Fl(4) Y 8s
[Q130.6] 34° 46′ 59.3″N 126° 24′ 34.9″E
(45(729)12 Inchon; UKHO ARCS 1558-1)

95085 5Ed. 7/30/11 LAST NM N26/13 N27/13
Delete Buoy "A" 34° 46′ 55.9″N 126° 21′ 11.6″E
Buoy "B" 34° 47′ 05.6″N 126° 21′ 13.0″E
Buoy "C" 34° 47′ 33.6″N 126° 21′ 19.8″E
Buoy "D" 34° 47′ 31.0″N 126° 21′ 28.8″E
(35(530)12 Inchon)

95085 5Ed. 7/30/11 LAST NM N27/13 N30/13
Delete Buoy 34° 46′ 06.2″N 126° 12′ 28.1″E
(14(248)13 Inchon)

95085 5Ed. 7/30/11 LAST NM N30/13 N31/13
Add Buoy "A" Y, pillar, "X" topmark, Fl(4) Y 8s
[Q130.6] 34° 45′ 52.2″N 126° 21′ 00.2″E
Buoy "B" Y, pillar, "X" topmark, Fl(4) Y 8s
[Q130.6] 34° 46′ 22.3″N 126° 21′ 02.5″E
(28(407)12 Inchon)

★95086 6Ed. 7/30/11 NEW EDITION N17/12
Add Light Fl(2) W 6s 15m 8M 34° 47′ 18.4″N 126° 18′ 58.5″E
(NGA; 38(575)11 Inchon)

95086 6Ed. 7/30/11 LAST NM N17/12 N26/13
Delete Buoy "No 6" 34° 47′ 06.2″N 126° 20′ 42.1″E
Buoy "No 8" 34° 47′ 12.6″N 126° 20′ 55.0″E
Buoy "No 9" 34° 47′ 27.4″N 126° 21′ 19.2″E
Buoy "No 10" 34° 47′ 14.8″N 126° 21′ 14.9″E
Buoy "No 11" 34° 47′ 25.4″N 126° 21′ 26.3″E
Buoy "No 12" 34° 47′ 13.1″N 126° 21′ 21.8″E

Change Buoy "No 4" to "No 6" R, pillar, cone topmark, Fl(2) R 6s 34° 46′ 30.0″N 126° 20′ 33.0″E

Add Buoy "No 4" R, pillar, cone topmark, Fl R 4s 34° 46′ 10.0″N 126° 20′ 14.0″E
Buoy "No 8" R, pillar, cone topmark, Fl R 4s 34° 46′ 45.0″N 126° 20′ 45.0″E
Buoy "No 10" R, pillar, cone topmark, Fl R 6s AIS 34° 47′ 12.0″N 126° 20′ 55.0″E
Buoy "No 11" G, pillar, can topmark, Fl G 4s 34° 47′ 27.0″N 126° 21′ 19.0″E
Buoy "No 12" R, pillar, cone topmark, Fl R 4s 34° 47′ 14.0″N 126° 21′ 14.0″E
Buoy "No 13" G, pillar, can topmark, Fl G 4s 34° 47′ 25.0″N 126° 21′ 26.0″E
Buoy "No 14" R, pillar, cone topmark, Fl R 4s 34° 47′ 13.0″N 126° 21′ 21.0″E
Buoy "A" Y, pillar, "X" topmark, Fl(4) Y 8s [Q130.6] 34° 46′ 59.3″N 126° 24′ 34.9″E
(45(729)12 Inchon; UKHO ARCS 1558-1)

95086 6Ed. 7/30/11 LAST NM N26/13 N27/13
Delete Buoy "A" 34° 46′ 55.9″N 126° 21′ 11.6″E
Buoy "B" 34° 47′ 05.6″N 126° 21′ 13.0″E
Buoy "C" 34° 47′ 33.6″N 126° 21′ 19.8″E
Buoy "D" 34° 47′ 31.0″N 126° 21′ 28.8″E
(35(530)12 Inchon)

95086 6Ed. 7/30/11 LAST NM N27/13 N31/13
Add Buoy "A" Y, pillar, "X" topmark, Fl(4) Y 8s [Q130.6] 34° 45′ 52.2″N 126° 21′ 00.2″E
Buoy "B" Y, pillar, "X" topmark, Fl(4) Y 8s [Q130.6] 34° 46′ 22.3″N 126° 21′ 02.5″E
(28(407)12 Inchon)

★**95087** 4Ed. 10/4/08 NEW EDITION N49/08
(NGA)

★**95100** 13Ed. 10/20/07 NEW EDITION 8/08
Delete Wreck 33° 42.2′ N 127° 24.9′ E
Wreck 33° 35.9′ N 126° 39.9′ E
(Previously published 43/07)

Substitute Depth 98 meters Obstn [K41] for 96 meters Obstn 33° 33.1′ N 125° 56.3′ E
(NGA; NTM0014/2005)

95100 13Ed. 10/20/07 LAST NM 8/08 10/08
Substitute Depth 29.5 meters for dangerous wreck 34° 45.2′ N 125° 44.9′ E
(52(880)07 Inchon)

95100 13Ed. 10/20/07 LAST NM 10/08 13/08
Delete Wreck 34° 57.2′ N 125° 26.4′ E

Substitute Depth 59 meters Wk [K26] for 63 meters 34° 56.8′ N 125° 26.6′ E
(52(881)07 Inchon)

95100 13Ed. 10/20/07 LAST NM 13/08 26/08
Add Wreck [K29] (PA) 33° 55.7′ N 126° 04.8′ E
(21(289)08 Inchon)

95100 13Ed. 10/20/07 LAST NM 26/08 45/08
Delete Submarine cable between 34° 20.0′ N 127° 27.1′ E
34° 05.2′ N 127° 28.1′ E

Add Submarine cable [L30.1] joining 34° 20.0′ N 127° 27.1′ E
34° 14.5′ N 127° 30.4′ E
34° 05.2′ N 127° 28.1′ E
(ROK CH 213)

95100 13Ed. 10/20/07 LAST NM 45/08 52/08
Add Superbuoy ODAS [Q58] Y, Fl(4) Y 8s 33° 31.1′ N 125° 59.8′ E
(44(631)08 Inchon)

95100 13Ed. 10/20/07 LAST NM 52/08 9/09
Change Legend "Chagae-do" to "Dangsado" 34° 05.6′ N 126° 33.5′ E
(1(17)09 Inchon)

95100 13Ed. 10/20/07 LAST NM 9/09 11/09
Change Height of light to 15m 34° 17.7′ N 127° 21.1′ E
(1(6)09 Inchon)

95100 13Ed. 10/20/07 LAST NM 11/09 14/09
Change Legend to "Sasudo" 33° 55.6′ N 126° 36.6′ E
(2(30)09 Inchon)

95100 13Ed. 10/20/07 LAST NM 14/09 26/09
Add "Fish haven" area with blue tint [K46.1] bound by dotted line (limiting danger line) joining
34° 15.0′ N 126° 19.3′ E
34° 14.7′ N 126° 19.1′ E
34° 15.1′ N 126° 18.1′ E
34° 15.4′ N 126° 18.3′ E
(2(36)09 Inchon)

95100 13Ed. 10/20/07 LAST NM 26/09 28/09
Add Beacon BRB, double ball topmark, Fl(2) 5s 14m 9M [Q130.4] 34° 31.5′ N 126° 04.5′ E
Beacon BRB, double ball topmark, Fl(2) 10s 16m 9M [Q130.4] 34° 30.4′ N 126° 02.2′ E
(3(62)09 Inchon)

95100 13Ed. 10/20/07 LAST NM 28/09 31/09
Add Stranded wreck [K41] 35° 00.2′ N 126° 02.2′ E
(25(402)09 Inchon)

95100 13Ed. 10/20/07 LAST NM 31/09 32/09
Add Light Fl 4s 23m 8M 34° 40.0′ N 125° 22.2′ E
(42(605)08 Inchon)

95100 13Ed. 10/20/07 LAST NM 32/09 8/10
Change Height of light to 19m 34° 19.5′ N 126° 45.0′ E
(6(128)09 Inchon)

95100 13Ed. 10/20/07 LAST NM 8/10 12/10
Delete Beacon 34° 31.0′ N 127° 09.2′ E
(3(42)08 Inchon)

95100 13Ed. 10/20/07 LAST NM 12/10 18/10
Change Light to Fl(2) R 6s 13m 6M, Fl G 4s 17m 5M 33° 31.7′ N 126° 51.4′ E
(ROK CH 252)

95100 13Ed. 10/20/07 LAST NM 18/10 19/10
Change Height of light to 12m 34° 28.7′ N 127° 20.7′ E
(ROK CH 240)

95100 13Ed. 10/20/07 LAST NM 19/10 37/10
Add Depth 9.7 meters Wk [K26] 34° 36.9′ N 126° 14.1′ E
(30(431)10 Inchon)

95100 13Ed. 10/20/07 LAST NM 37/10 45/10
Change Light to Fl 5s 32m 15M Racon (Z) 34° 45.5′ N 126° 13.3′ E

Height of light to 37m 34° 45.7′ N 126° 17.8′ E
Height of light to 14m 33° 31.7′ N 126° 32.5′ E
(53(820)09 Inchon; ROK CH 244, 301)

95100 13Ed. 10/20/07 LAST NM 45/10 52/10
Add Light Fl 4s 50m 9M 34° 13.8′ N 125° 59.5′ E
(ROK CH 214)

95100 13Ed. 10/20/07 LAST NM 52/10 19/11
Delete Light 34° 30.2′ N 127° 06.8′ E
(6(125)11 Inchon)

95100 13Ed. 10/20/07 LAST NM 19/11 46/11
Add Beacon BY, double cone topmark points upward, Q 12m 12M [Q130.3]
34° 31.5′ N 127° 06.7′ E

(continued on next page)

95100 (Continued) 46/11
Beacon BY, double cone topmark
points upward, Q 12m 11M [Q130.3]
34° 28.1′ N 127° 05.2′ E
(38(574)11 Inchon)

95100 13Ed. 10/20/07 LAST NM 46/11 48/11
Add Beacon BYB, double cone topmark
bases together, Q(3) 10s 13m 8M [Q130.3]
34° 13.8′ N 127° 16.3′ E
(40(599)11 Inchon)

95100 13Ed. 10/20/07 LAST NM 48/11 20/12
Add Depth 8.8 meters Wk [K26] 34° 29.2′ N 126° 24.4′ E
(11(155)12 Inchon)

95100 13Ed. 10/20/07 LAST NM 20/12 22/12
Add "Gill Net Area (see Note)" area bound by
purple dashed line joining 34° 58.8′ N 125° 37.6′ E
34° 58.8′ N 125° 56.8′ E
34° 41.3′ N 125° 56.8′ E
34° 41.3′ N 125° 37.6′ E

Note from Subsection I-2 in upper right margin
of chart
(NGA; 17(84)12 Inchon)

95100 13Ed. 10/20/07 LAST NM 22/12 37/12
Change Light to Fl 15s 92m 23M Horn 34° 00.4′ N 127° 19.4′ E
Note: Obscured sector unchanged
(1(12)06 Inchon; ROK CH 214)

95100 13Ed. 10/20/07 LAST NM 37/12 27/13
Change Buoy "No 5" to "No 9" RW, pillar, ball
topmark, Iso 4s [Q130.5] 34° 15.2′ N 126° 45.2′ E

Buoy "No 6" to RW, pillar, ball topmark, Iso 4s
Racon (X) [Q130.5] 34° 15.2′ N 126° 48.5′ E

Designation of buoy "No 7" to "No 11"
34° 15.7′ N 126° 51.2′ E
Buoy "No 8" to "No 13" RW, pillar, ball
topmark, Iso 4s [Q130.5] 34° 16.3′ N 126° 54.0′ E
(46(749, 751)12 Inchon; UKHO ARCS 3365-0)

95100 13Ed. 10/20/07 LAST NM 27/13 28/13
Relocate Beacon from 34° 17.0′ N 125° 59.4′ E to
34° 17.3′ N 125° 59.3′ E
(31(455)12 Inchon)

95100 13Ed. 10/20/07 LAST NM 28/13 32/13
Add Buoy ODAS "No 5" Y, conical, Fl(5) Y 20s
33° 49.3′ N 126° 35.4′ E
Buoy ODAS "No 6" Y, conical, Fl(5) Y 20s
34° 06.7′ N 125° 22.9′ E
(37(569), 39(616)12 Inchon)

95100 13Ed. 10/20/07 LAST NM 32/13 34/13
Add Depth 28.5 meters Wk [K26] 34° 06.4′ N 126° 30.4′ E
(35(532)11 Inchon)

★95101 8Ed. 7/8/95 NEW EDITION 35/95
(DMA)

95101 8Ed. 7/8/95 LAST NM 35/95 3/96
Delete Islet, blue tint and enclosing
depth contour in vicinity 34° 20.2′ N 126° 06.6′ E

Double dashed line between 34° 34.9′ N 126° 18.0′ E
34° 34.4′ N 126° 18.0′ E

Substitute Solid line for dashed line
between 34° 32′ 48″N 126° 25′ 05″E
34° 32′ 45″N 126° 26′ 00″E
and delete legend "Being reclaimed"

Depth 3.1 meters Rk for
4.2 meters rky 34° 33′ 10″N 126° 19′ 30″E

Change Legend to
"CABLE VERT CL 42m" 34° 33.9′ N 126° 18.0′ E
"Causeway" 34° 30.7′ N 126° 28.2′ E

Add Solid line (breakwater extension)
between 34° 22′ 00″N 126° 07′ 51″E
34° 22′ 02″N 126° 08′ 08″E

Double solid line with land tint
(causeway)
between 34° 32′ 03″N 126° 14′ 01″E
34° 33′ 40″N 126° 15′ 03″E

between 34° 31′ 00″N 126° 27′ 54″E
34° 31′ 14″N 126° 27′ 46″E

Land tint to area bound by
shore and solid line between 34° 31′ 48″N 126° 27′ 24″E
34° 32′ 03″N 126° 27′ 34″E

Depth
9.6 meters Rk 34° 31′ 48″N 126° 22′ 36″E
9.6 meters Rk 34° 32′ 12″N 126° 11′ 54″E

Legend
"Being reclaimed (1995)" 34° 32′ 54″N 126° 15′ 00″E

Position circle "Tr" 34° 25′ 00″N 126° 20′ 30″E
34° 24′ 22″N 126° 21′ 12″E
34° 24′ 30″N 126° 21′ 24″E
34° 24′ 45″N 126° 21′ 54″E

Dashed line (overhead power cable)
"33" between 34° 25′ 00″N 126° 20′ 30″E
34° 24′ 22″N 126° 21′ 12″E

"30" between 34° 24′ 30″N 126° 21′ 24″E
34° 24′ 45″N 126° 21′ 54″E

"30" joining 34° 35′ 30″N 126° 03′ 36″E
34° 35′ 36″N 126° 03′ 42″E
34° 35′ 48″N 126° 04′ 10″E

Obscured sector to light
248° -036° 34° 30′ 38″N 126° 09′ 46″E
143° -269° 34° 31′ 40″N 126° 00′ 54″E
(ROK CH 341, 332; ROK LL)

95101 8Ed. 7/8/95 LAST NM 3/96 12/96
Delete Dotted line between 34° 20′ 46″N 126° 10′ 15″E
34° 20′ 46″N 126° 11′ 24″E

Add "Fish haven" area with blue tint bound
by dotted line (limiting danger line)
joining 34° 06′ 53″N 126° 30′ 49″E
34° 06′ 41″N 126° 30′ 44″E
34° 06′ 33″N 126° 31′ 13″E
34° 06′ 21″N 126° 31′ 08″E
34° 06′ 39″N 126° 29′ 55″E
34° 06′ 51″N 126° 30′ 00″E
34° 06′ 56″N 126° 29′ 44″E
34° 07′ 08″N 126° 29′ 48″E

joining 34° 22′ 42″N 126° 18′ 57″E
34° 22′ 08″N 126° 18′ 57″E
34° 22′ 08″N 126° 18′ 19″E
34° 22′ 20″N 126° 18′ 19″E
34° 22′ 20″N 126° 18′ 37″E
34° 22′ 42″N 126° 18′ 37″E

joining 34° 34′ 40″N 126° 07′ 16″E
34° 33′ 49″N 126° 06′ 59″E
34° 33′ 53″N 126° 06′ 43″E
34° 33′ 20″N 126° 06′ 31″E
34° 33′ 24″N 126° 06′ 14″E
34° 34′ 49″N 126° 06′ 43″E

joining 34° 35′ 36″N 125° 51′ 58″E
34° 35′ 23″N 125° 51′ 58″E
34° 35′ 23″N 125° 52′ 13″E
34° 35′ 10″N 125° 52′ 13″E
34° 35′ 10″N 125° 51′ 27″E
34° 35′ 36″N 125° 51′ 27″E

Fish haven area with blue tint bound by
shore, existing fish haven and dotted
line limiting) danger line) joining
34° 21′ 53″N 126° 17′ 08″E
34° 21′ 41″N 126° 16′ 58″E
34° 22′ 06″N 126° 16′ 31″E
34° 22′ 30″N 126° 16′ 56″E

Dotted line (limiting danger line)
joining 34° 21′ 45″N 126° 12′ 37″E
34° 20′ 46″N 126° 12′ 41″E
34° 20′ 46″N 126° 11′ 24″E

(continued on next page)

95101 (Continued) 12/96

Fish haven area with blue tint bound by shore, existing fish haven and dotted line limiting danger line) between
34° 20′ 46″N 126° 10′ 15″E
34° 21′ 09″N 126° 10′ 15″E

(5(87, 88)96 Inchon)

95101 8Ed. 7/8/95 LAST NM 12/96 15/96

Delete Pilot station symbol 34° 27.1′ N 126° 02.0′ E

Add Pilot station symbol with legend
"NO 1" 34° 26′ 48″N 126° 02′ 33″E
"NO 3" 34° 18′ 21″N 126° 27′ 05″E

(7(124)96 Inchon)

95101 8Ed. 7/8/95 LAST NM 15/96 16/96

Add Fish haven area with blue tint bound by shore, existing fish haven, existing dotted line and dotted line (limiting danger line) between 34° 20′ 46″N 126° 10′ 15″E
34° 21′ 09″N 126° 10′ 15″E

(See 12/96-95101)

(5(88)96 Inchon)

95101 8Ed. 7/8/95 LAST NM 16/96 18/96

Add Depth
30 meters 34° 17′ 46″N 126° 07′ 11″E
32 meters 34° 11′ 55″N 125° 57′ 15″E

(12(1035)96 Taunton)

95101 8Ed. 7/8/95 LAST NM 18/96 23/96

Add Buoy "1" G, pillar, can topmark, Fl G 6s 34° 33′ 30″N 126° 11′ 28″E

(13(243)96 Inchon)

95101 8Ed. 7/8/95 LAST NM 23/96 28/96

Add Buoy R, pillar, cone topmark, Fl R 5s 34° 12′ 13″N 126° 38′ 38″E

(16(305)96 Inchon)

95101 8Ed. 7/8/95 LAST NM 28/96 32/96

Delete Depth
37 meters rky 34° 04.7′ N 126° 08.2′ E
58 meters 34° 10.0′ N 125° 58.0′ E
60 meters 34° 09.6′ N 125° 57.8′ E
60 meters 34° 09.2′ N 125° 58.3′ E
15.1 meters 34° 13.7′ N 125° 59.6′ E
14.7 meters 34° 14.3′ N 125° 59.9′ E

Wreck 34° 06.2′ N 126° 05.5′ E

Dotted-line circle and blue tint in vicinity 34° 20.4′ N 126° 08.8′ E

Legend "(Bridge Under Construction)" 34° 19.2′ N 126° 02.0′ E

Substitute Depth
27.5 meters Rk for 29.5 meters 34° 17.5′ N 125° 54.0′ E
28 meters Rk for 34 meters 34° 17.1′ N 125° 55.2′ E
2.3 meters for 4.5 meters 34° 13.6′ N 125° 59.4′ E
5.1 meters for 6.3 meters 34° 14.1′ N 125° 59.8′ E
5.8 meters for 6.1 meters 34° 18.7′ N 125° 53.4′ E
6.2 meters for 8.8 meters 34° 18.3′ N 125° 54.0′ E
2.6 meters for 9.9 meters 34° 18.3′ N 125° 54.4′ E

Add Depth
27 meters rky 34° 04′ 38″N 126° 08′ 15″E
27.5 meters rky 34° 12′ 25″N 126° 00′ 20″E
11.4 meters Rk 34° 13′ 36″N 125° 59′ 40″E
47 meters 34° 09′ 52″N 125° 57′ 45″E
53 meters 34° 09′ 10″N 125° 58′ 20″E
19.2 meters 34° 18′ 26″N 126° 10′ 54″E
23 meters 34° 20′ 20″N 126° 08′ 46″E
29.5 meters 34° 18′ 12″N 126° 06′ 32″E
7.1 meters 34° 13′ 07″N 126° 05′ 40″E
30 meters 34° 14′ 18″N 126° 00′ 34″E
6.9 meters 34° 13′ 48″N 125° 59′ 36″E
5.8 meters 34° 14′ 27″N 125° 59′ 48″E
22 meters 34° 15′ 00″N 125° 59′ 33″E
24 meters 34° 16′ 42″N 125° 58′ 14″E

Double solid line with land tint (bridge) between 34° 19′ 08″N 126° 02′ 24″E
34° 19′ 14″N 126° 02′ 24″E

Dashed line (overhead cables) "(30)" between 34° 18′ 58″N 126° 00′ 42″E
34° 19′ 22″N 126° 00′ 42″E

(ROK CH 221B)

95101 8Ed. 7/8/95 LAST NM 32/96 37/96

Change Note in upper left margin of chart to
"NOTES
1. The Traffic Separation Schemes on this chart are not approved by the International Maritime Organization (IMO).
2. A restricted zone within five miles of the South Korean Coast has been established for Tankers:
a. loading diesel fuel or LRFO 1,500 kiloliters or more.
b. loading noxious liquid material 1,500 metric tons or more.
Tankers entering or departing ports of call must use the shortest possible transit route between the restricted zone and the port of call.
3. Soundings on this chart have been corrected for sound velocity."

Purple tint area (traffic separation zone) bound by limit joining 34° 04′ 00″N 126° 29′ 11″E
34° 05′ 16″N 126° 29′ 35″E
34° 04′ 40″N 126° 32′ 53″E
34° 04′ 00″N 126° 32′ 36″E

Purple heavy dashed line (outside limit of traffic lane) joining 34° 04′ 40″N 126° 32′ 53″E
34° 06′ 16″N 126° 33′ 41″E
34° 06′ 52″N 126° 30′ 11″E
34° 05′ 16″N 126° 29′ 35″E

Open-outlined arrow indicating flow of traffic oriented 281° 34° 05′ 58″N 126° 31′ 24″E

(22(390)96 Inchon)

95101 8Ed. 7/8/95 LAST NM 37/96 43/96

Add "Fish trap" area bound by dashed line joining 34° 18′ 50″N 126° 39′ 31″E
34° 18′ 50″N 126° 39′ 41″E
34° 18′ 31″N 126° 39′ 41″E
34° 18′ 26″N 126° 39′ 27″E

(27(305)96 Inchon)

95101 8Ed. 7/8/95 LAST NM 43/96 2/97

Change Height of light to 42m 34° 19.2′ N 126° 18.1′ E

(34(603)96 Inchon)

95101 8Ed. 7/8/95 LAST NM 2/97 12/97

Add Buoys, each BRB, pillar, double ball topmark
Fl(2) 10s 34° 17′ 44″N 126° 25′ 17″E
Fl(2) 5s 34° 17′ 58″N 126° 19′ 47″E

Buoy, pillar 34° 17′ 30″N 126° 20′ 29″E

(1(7)97 Inchon)

95101 8Ed. 7/8/95 LAST NM 12/97 15/97

Delete Depth 10.3 meters 34° 35.6′ N 126° 08.2′ E

Add Depth 0.6 meter Rk 34° 35′ 37″N 126° 08′ 05″E

(8(115)97 Inchon)

95101 8Ed. 7/8/95 LAST NM 15/97 19/97

Add Vertical clearance "25" to bridge 34° 19.2′ N 126° 02.0′ E
(See 32/96-95101)

(10(145)97 Inchon)

95101 8Ed. 7/8/95 LAST NM 19/97 20/97

Delete Depth 11.5 meters 34° 22.2′ N 126° 18.7′ E

Add Fish haven symbol 34° 21′ 56″N 126° 18′ 03″E
Depth 10.2 meters 34° 22′ 08″N 126° 18′ 48″E

(11(157)97 Inchon)

95101 8Ed. 7/8/95 LAST NM 20/97 25/97
Add Land tint to area bound by shore and
solid line between 34° 18′ 24″N 126° 40′ 59″E
34° 18′ 59″N 126° 40′ 36″E

Buoy BRB, pillar, double ball topmark,
Fl(2) 10s 34° 04′ 23″N 126° 31′ 02″E

Dangerous wreck 34° 19′ 11″N 126° 07′ 37″E
(3(44), 13(193, 202)97 Inchon)

95101 8Ed. 7/8/95 LAST NM 25/97 26/97
Delete Dotted line
between 34° 21′ 53″N 126° 17′ 08″E
34° 21′ 41″N 126° 16′ 58″E

joining 34° 20′ 46″N 126° 12′ 41″E
34° 20′ 46″N 126° 11′ 24″E
34° 20′ 32″N 126° 11′ 24″E

joining 34° 33′ 49″N 126° 06′ 59″E
34° 33′ 53″N 126° 06′ 43″E
34° 33′ 20″N 126° 06′ 31″E

joining 34° 16′ 23″N 126° 41′ 18″E
34° 16′ 28″N 126° 41′ 20″E
34° 16′ 50″N 126° 40′ 24″E

Add "Fish haven" area with blue tint
bound by shore and dotted line
(limiting danger line) joining 34° 14′ 00″N 126° 04′ 23″E
34° 14′ 02″N 126° 04′ 14″E
34° 14′ 20″N 126° 04′ 21″E
34° 14′ 14″N 126° 04′ 41″E
34° 14′ 10″N 126° 04′ 39″E
34° 13′ 58″N 126° 04′ 57″E
34° 13′ 40″N 126° 04′ 37″E
34° 13′ 45″N 126° 04′ 28″E
34° 13′ 35″N 126° 04′ 17″E
34° 13′ 39″N 126° 04′ 11″E
34° 14′ 00″N 126° 04′ 23″E

Fish haven area with blue tint
bound by existing fish haven and
dotted line (limiting danger line)
joining 34° 20′ 46″N 126° 12′ 41″E
34° 20′ 32″N 126° 12′ 41″E
34° 20′ 32″N 126° 11′ 24″E

joining 34° 33′ 49″N 126° 06′ 59″E
34° 33′ 26″N 126° 06′ 50″E
34° 33′ 20″N 126° 06′ 31″E

joining 34° 16′ 23″N 126° 41′ 18″E
34° 16′ 40″N 126° 40′ 20″E
34° 16′ 50″N 126° 40′ 24″E

Fish haven area with blue tint
bound by existing fish haven, shore
and dotted line (limiting danger line)
joining 34° 21′ 41″N 126° 15′ 58″E
34° 21′ 34″N 126° 17′ 04″E
34° 21′ 26″N 126° 16′ 50″E
34° 20′ 54″N 126° 17′ 12″E
34° 21′ 15″N 126° 17′ 54″E
34° 21′ 58″N 126° 17′ 24″E
(3(42, 45)97 Inchon)

95101 8Ed. 7/8/95 LAST NM 26/97 33/97
Delete Dangerous wreck 34° 19′ 11″N 126° 07′ 37″E
(See 25/97-95101)
(20(301)97 Inchon)

95101 8Ed. 7/8/95 LAST NM 33/97 37/97
Add Buoy BRB, pillar, double ball topmark,
Fl(2) 10s 34° 35′ 37″N 126° 08′ 07″E
(See 15/97-95101)
(23(332)97 Inchon)

95101 8Ed. 7/8/95 LAST NM 37/97 39/97
Add Dangerous wreck (PA) 34° 21′ 18″N 126° 07′ 42″E
(24(365)97 Inchon)

95101 8Ed. 7/8/95 LAST NM 39/97 44/97
Delete Depth 0.6 meter Rk 34° 35′ 37″N 126° 08′ 05″E
(See 15/97-95101)

Add Depth 0.6 meter Rk 34° 35′ 36″N 126° 08′ 06″E
(27(408)97 Inchon)

95101 8Ed. 7/8/95 LAST NM 44/97 47/97
Add Beacon "E" Y, "X" topmark,
Fl Y 6s 8m 7M 34° 20′ 27″N 126° 36′ 08″E
(29(437)97 Inchon)

95101 8Ed. 7/8/95 LAST NM 47/97 52/97
Add Light Fl 4s 23m 8M 34° 17′ 48″N 126° 30′ 33″E
(32(503)97 Inchon)

95101 8Ed. 7/8/95 LAST NM 52/97 6/98
Delete Pilot station symbol
"No 1" 34° 26.8′ N 126° 02.5′ E
"No 3" 34° 18.3′ N 126° 27.1′ E

Add Pilot station symbol with designation
"No 1" 34° 27′ 40″N 126° 04′ 23″E
(35(552)97 Inchon)

95101 8Ed. 7/8/95 LAST NM 6/98 9/98
Add Light
Fl(2) 6s 32m 8M 34° 19′ 11″N 126° 07′ 49″E
Fl 6s 18m 8M 34° 20′ 56″N 126° 06′ 33″E
(3(48)98 Inchon)

95101 8Ed. 7/8/95 LAST NM 9/98 14/98
Delete Dotted line between 34° 20′ 32″N 126° 12′ 41″E
34° 20′ 46″N 126° 12′ 41″E
(See 26/97-95101)

Add "Fish haven" area with blue tint bound
by dotted line (limiting danger line)
joining 34° 17′ 00″N 126° 31′ 31″E
34° 17′ 00″N 126° 32′ 03″E
34° 16′ 18″N 126° 32′ 03″E
34° 16′ 18″N 126° 31′ 51″E
34° 16′ 09″N 126° 31′ 51″E
34° 16′ 09″N 126° 31′ 31″E

joining 34° 15′ 05″N 126° 38′ 09″E
34° 15′ 17″N 126° 38′ 53″E
34° 15′ 08″N 126° 38′ 57″E
34° 15′ 05″N 126° 38′ 46″E
34° 14′ 50″N 126° 38′ 56″E
34° 14′ 42″N 126° 38′ 25″E

"Fish haven" area with blue tint bound
by shore and dotted line (limiting
danger line)
joining 34° 13′ 55″N 126° 05′ 13″E
34° 13′ 45″N 126° 05′ 28″E
34° 13′ 27″N 126° 05′ 28″E
34° 13′ 27″N 126° 05′ 20″E
34° 13′ 44″N 126° 04′ 59″E

joining 34° 13′ 18″N 126° 02′ 13″E
34° 13′ 14″N 126° 02′ 17″E
34° 13′ 48″N 126° 02′ 39″E
34° 13′ 26″N 126° 03′ 09″E
34° 13′ 36″N 126° 03′ 20″E

joining 34° 32′ 04″N 126° 01′ 35″E
34° 31′ 58″N 126° 01′ 28″E
34° 31′ 43″N 126° 01′ 49″E
34° 31′ 54″N 126° 01′ 54″E

Fish haven area with blue tint bound by
shore, existing fish haven and dotted
line (limiting danger line)
joining 34° 20′ 32″N 126° 12′ 41″E
34° 20′ 32″N 126° 12′ 53″E
34° 20′ 46″N 126° 12′ 53″E

between 34° 21′ 02″N 126° 12′ 53″E
34° 21′ 36″N 126° 12′ 53″E

Fish haven symbol 34° 15′ 52″N 126° 05′ 49″E
34° 16′ 24″N 126° 05′ 58″E
34° 15′ 10″N 126° 01′ 00″E
34° 19′ 36″N 126° 18′ 18″E
34° 30′ 37″N 126° 10′ 38″E
34° 31′ 48″N 126° 02′ 28″E
34° 31′ 28″N 126° 03′ 00″E
(5(92)98 Inchon)

95101 8Ed. 7/8/95 LAST NM 14/98 22/98
Delete Islet and enclosing depth contour
in vicinity 34° 21.2′ N 126° 06.6′ E
(ROK CH 341)

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95101 8Ed. 7/8/95 LAST NM 22/98 23/98
Add Dashed line with legend "Harbor Limit"
joining 34° 22′ 32″N 126° 08′ 14″E
34° 22′ 41″N 126° 07′ 33″E
34° 21′ 57″N 126° 07′ 28″E
34° 21′ 55″N 126° 07′ 45″E
34° 22′ 09″N 126° 07′ 56″E
34° 22′ 02″N 126° 08′ 08″E
(9(157)98 Inchon)

95101 8Ed. 7/8/95 LAST NM 23/98 27/98
Delete Buoy 34° 17′ 44″N 126° 25′ 17″E
34° 17′ 58″N 126° 19′ 47″E
34° 17′ 30″N 126° 20′ 29″E
(15(261)98 Inchon)

95101 8Ed. 7/8/95 LAST NM 27/98 32/98
Add Light Fl 4s 18m 8M 34° 15′ 24″N 126° 06′ 57″E

Buoys, each Y, pillar, "X" topmark,
Fl Y 6s
"B" 34° 13′ 11″N 126° 40′ 35″E
"C" 34° 14′ 10″N 126° 40′ 08″E
"D" 34° 16′ 49″N 126° 38′ 59″E
"F" 34° 16′ 03″N 126° 40′ 20″E
"G" 34° 14′ 12″N 126° 41′ 16″E
"H" 34° 13′ 42″N 126° 41′ 28″E

Anchorage area "12" bound by purple
dashed-line circle, radius 2,000 meters,
centered 34° 26′ 40″N 125° 57′ 33″E
(29(436)97, 17(301-303)98 Inchon)

95101 8Ed. 7/8/95 LAST NM 32/98 45/98
Change Vertical clearance of overhead cable
to "20m" 34° 16′ 25″N 126° 05′ 36″E

Add Position circle "Tr" 34° 18′ 46″N 126° 35′ 48″E
34° 18′ 15″N 126° 35′ 40″E
34° 17′ 33″N 126° 35′ 35″E
34° 13′ 10″N 125° 50′ 43″E
34° 13′ 01″N 125° 50′ 51″E
34° 12′ 20″N 125° 51′ 43″E
34° 11′ 53″N 125° 51′ 31″E

Dashed line (overhead power cable)
"(35)" between 34° 18′ 46″N 126° 35′ 48″E
34° 18′ 15″N 126° 35′ 40″E

"(30)" between 34° 18′ 15″N 126° 35′ 40″E
34° 17′ 33″N 126° 35′ 35″E

"(30)" between 34° 13′ 10″N 125° 50′ 43″E
34° 13′ 01″N 125° 50′ 51″E

"(30)" between 34° 12′ 20″N 125° 51′ 43″E
34° 11′ 53″N 125° 51′ 31″E
(26(420)98 Inchon)

95101 8Ed. 7/8/95 LAST NM 45/98 6/99
Change Legend to "(37)" 34° 17.0′ N 126° 34.6′ E

Add Light Fl 4s 13m 8M 34° 23′ 36″N 126° 03′ 14″E
Racon at light 34° 13′ 24″N 125° 50′ 54″E
(34(578), 35(595, 596)98 Inchon)

95101 8Ed. 7/8/95 LAST NM 6/99 8/99
Add Light
Fl(2) 6s 11m 8M 34° 27′ 04″N 126° 00′ 05″E
Fl(2) 6s 15m 8M 34° 24′ 17″N 126° 05′ 51″E
Fl 5s 18m 8M 34° 35′ 39″N 125° 57′ 30″E
(36(615, 616)98 Inchon)

95101 8Ed. 7/8/95 LAST NM 8/99 11/99
Delete Designation "1" from buoy 34° 33′ 30″N 126° 11′ 28″E
(5(48)99 Inchon)

95101 8Ed. 7/8/95 LAST NM 11/99 15/99
Add Fish haven symbol 34° 33′ 12″N 126° 21′ 38″E
34° 33′ 10″N 126° 22′ 06″E

"Fish haven" area with blue tint bound
by dotted line (limiting danger line)
joining 34° 18′ 50″N 126° 19′ 17″E
34° 18′ 38″N 126° 20′ 00″E
34° 18′ 50″N 126° 20′ 04″E
34° 18′ 35″N 126° 21′ 04″E
34° 18′ 09″N 126° 20′ 56″E
34° 18′ 36″N 126° 19′ 12″E

joining 34° 34′ 38″N 125° 53′ 21″E
34° 34′ 30″N 125° 53′ 09″E
34° 33′ 49″N 125° 53′ 49″E
34° 33′ 57″N 125° 54′ 02″E

joining 34° 12′ 36″N 126° 25′ 21″E
34° 12′ 34″N 126° 26′ 09″E
34° 11′ 42″N 126° 26′ 04″E
34° 11′ 43″N 126° 25′ 30″E
34° 12′ 08″N 126° 25′ 33″E
34° 12′ 09″N 126° 25′ 19″E
(4(34, 40)99 Inchon)

95101 8Ed. 7/8/95 LAST NM 15/99 21/99
Add Dangerous wreck 34° 34′ 25″N 126° 09′ 27″E
34° 34′ 10″N 126° 14′ 08″E
(15(166, 167)99 Inchon)

95101 8Ed. 7/8/95 LAST NM 21/99 35/99
Add Buoy Y, pillar, "X" topmark, Fl Y 4s
34° 16′ 27″N 126° 33′ 54″E
Buoy Y, pillar, "X" topmark, Fl Y 4s
34° 14′ 51″N 126° 33′ 59″E
(18(191)99 Inchon)

95101 8Ed. 7/8/95 LAST NM 35/99 41/99
Delete Buoy 34° 04′ 23″N 126° 31′ 02″E
Buoy 34° 12′ 13″N 126° 38′ 38″E
Light from beacon 34° 05′ 54″N 126° 09′ 59″E

Change Light to Fl 20s 95m 19M SIREN
34° 05′ 54″N 126° 36′ 10″E

Add Beacon BRB, double ball topmark,
Fl(2) 10s 18m 8M 34° 04′ 24″N 126° 31′ 08″E
Buoy R, pillar, cone topmark, Fl R 5s
34° 12′ 09″N 126° 38′ 43″E
(21(218), 24(238, 239)99 Inchon)

95101 8Ed. 7/8/95 LAST NM 41/99 32/00
Delete R Bn at light 34° 13′ 28″N 125° 50′ 51″E
(24(295)00 Inchon)

95101 8Ed. 7/8/95 LAST NM 32/00 40/00
Add Racon [S3.3] at light 34° 17′ 11″N 126° 28′ 23″E
(4(37)00 Inchon)

95101 8Ed. 7/8/95 LAST NM 40/00 44/00
Delete Beacon 34° 05′ 50″N 126° 09′ 59″E

Add Buoy BRB, pillar, double ball topmark,
Fl(2) 10s 34° 05′ 58″N 126° 09′ 59″E
(33(335)99, 22(268)00 Inchon)

95101 8Ed. 7/8/95 LAST NM 44/00 53/00
Add Light Fl 5s 21m 8M 34° 21′ 39″N 126° 12′ 49″E
(31(365)00 Inchon)

95101 8Ed. 7/8/95 LAST NM 53/00 10/01
Add Racon [S3.1] to beacon 34° 04′ 24″N 126° 31′ 07″E
(1(4)01 Inchon)

95101 8Ed. 7/8/95 LAST NM 10/01 20/01
Add Position circle "Pyl" [D26] 34° 19′ 11″N 126° 30′ 48″E
Position circle "Pyl" [D26] 34° 19′ 01″N 126° 30′ 11″E

Dashed line (overhead power cable) [D26]
"(22)" between above position circles
(3(35)01 Inchon)

95101 8Ed. 7/8/95 LAST NM 20/01 31/01
Delete Light 34° 15′ 24″N 126° 06′ 57″E
(11(112)01 Inchon)

95101 8Ed. 7/8/95 LAST NM 31/01 8/02
Delete Dangerous wreck "Masts" 34° 31′ 41″N 125° 58′ 52″E

Add Wreck [K29] 34° 09′ 11″N 126° 02′ 53″E
Depth 12.8 meters Wk [K26] 34° 31′ 01″N 125° 59′ 19″E
(31(383), 37(468), 38(480)01 Inchon)

95101 8Ed. 7/8/95 LAST NM 8/02 13/02
Add Fish haven area with blue tint [K46.1] bound by dotted line (limiting danger line) joining
34° 13′ 25″N 126° 01′ 33″E
34° 13′ 03″N 126° 01′ 15″E
34° 12′ 41″N 126° 01′ 54″E
34° 13′ 02″N 126° 02′ 11″E
Fish haven area with blue tint [K46.1] bound by dotted line (limiting danger line) joining
34° 13′ 02″N 126° 02′ 11″E
34° 12′ 37″N 126° 02′ 14″E
34° 12′ 40″N 126° 03′ 00″E
34° 13′ 06″N 126° 02′ 58″E

Fish haven area with blue tint [K46.1] bound by dotted line (limiting danger line) joining
34° 13′ 47″N 126° 10′ 37″E
34° 13′ 35″N 126° 10′ 31″E
34° 13′ 40″N 126° 10′ 17″E
34° 13′ 28″N 126° 10′ 11″E
34° 13′ 18″N 126° 10′ 40″E
34° 13′ 42″N 126° 10′ 51″E
(27(277, 278)01 Inchon)

95101 8Ed. 7/8/95 LAST NM 13/02 14/02
Add Fish haven area with blue tint [K46.1] bound by dotted line (limiting danger line) joining
34° 27′ 34″N 126° 24′ 47″E
34° 27′ 32″N 126° 24′ 40″E
34° 27′ 25″N 126° 24′ 41″E
34° 27′ 23″N 126° 24′ 34″E
34° 27′ 42″N 126° 24′ 29″E
34° 27′ 40″N 126° 24′ 21″E
34° 27′ 52″N 126° 24′ 18″E
34° 27′ 59″N 126° 24′ 40″E
34° 27′ 38″N 126° 24′ 44″E

Dangerous wreck [K28] 34° 16′ 36″N 126° 31′ 07″E
(28(298, 303), 29(332)01 Inchon)

95101 8Ed. 7/8/95 LAST NM 14/02 15/02
Add Position circle "Pyl" [D26] 34° 17′ 26″N 126° 35′ 34″E
Position circle "Pyl" [D26] 34° 17′ 07″N 126° 36′ 26″E

Dashed line (overhead power cable) [D26] with legend "OVHD PWR CAB VERT CL 37m" between above position circles

Position circle "Pyl" [D26] 34° 27′ 19″N 126° 07′ 05″E
Position circle "Pyl" [D26] 34° 27′ 18″N 126° 06′ 33″E
Position circle "Pyl" [D26] 34° 27′ 17″N 126° 06′ 09″E

Dashed line (overhead power cable) [D26] with legend "OVHD PWR CAB VERT CL 30m" joining above position circles
(30(346, 347)01 Inchon)

95101 8Ed. 7/8/95 LAST NM 15/02 39/02
Add Dangerous wreck [K28] 34° 34′ 11″N 125° 58′ 23″E
Dangerous wreck [K28] (PA) 34° 12′ 51″N 125° 54′ 53″E
(25(331), 26(353, 354)02 Inchon)

95101 8Ed. 7/8/95 LAST NM 39/02 44/02
Add Racon [S3.1] at light 34° 26′ 23″N 126° 03′ 46″E
(38(517)02 Inchon)

95101 8Ed. 7/8/95 LAST NM 44/02 50/02
Add Light Fl 5s 14m 8M 34° 16′ 29″N 126° 32′ 25″E
(41(424)99 Inchon)

95101 8Ed. 7/8/95 LAST NM 50/02 1/03
Delete Beacon 34° 10′ 24″N 126° 35′ 25″E
Beacon 34° 10′ 54″N 126° 32′ 28″E
(52(612)99 Inchon)

95101 8Ed. 7/8/95 LAST NM 1/03 5/03
Add Purple dashed line (recommended track) [M4] joining 34° 17′ 53″N 126° 26′ 11″E
34° 17′ 50″N 126° 29′ 04″E
34° 15′ 37″N 126° 31′ 46″E
34° 15′ 19″N 126° 42′ 00″E

Purple dashed line (recommended track) [M4] between 34° 19′ 22″N 126° 26′ 50″E
34° 17′ 50″N 126° 29′ 04″E

Precautionary area [M16] bound by purple dashed line joining 34° 16′ 11″N 126° 32′ 28″E
34° 16′ 11″N 126° 31′ 53″E
34° 15′ 04″N 126° 31′ 53″E
34° 15′ 04″N 126° 32′ 28″E

Precautionary area [M16] bound by purple dashed line joining 34° 15′ 57″N 126° 39′ 38″E
34° 15′ 57″N 126° 38′ 58″E
34° 14′ 50″N 126° 38′ 58″E
34° 14′ 50″N 126° 39′ 38″E
(48(647)02 Inchon)

95101 8Ed. 7/8/95 LAST NM 5/03 6/03
Change Visibility (range) of light to 27M
34° 27′ 48″N 126° 02′ 30″E
(52(717)02 Inchon)

95101 8Ed. 7/8/95 LAST NM 6/03 9/03
Add Light Fl(3) 7s 16m 8M 34° 19′ 55″N 126° 28′ 19″E
(2(25)03 Inchon)

95101 8Ed. 7/8/95 LAST NM 9/03 14/03
Add Light Fl R 6s 9m 5M 34° 20′ 07″N 126° 36′ 12″E
(29(341)00 Inchon)

95101 8Ed. 7/8/95 LAST NM 14/03 17/03
Substitute Depth 8.9 meters for 9.7 meters
34° 19′ 54″N 126° 06′ 52″E
Depth 17 meters rky for 18 meters
34° 14′ 34″N 126° 07′ 34″E

Depth 18.1 meters rky for 19.5 meters
34° 20′ 30″N 126° 08′ 35″E

Add Depth 17 meters 34° 16′ 23″N 126° 06′ 06″E
(3(38)03 Inchon)

95101 8Ed. 7/8/95 LAST NM 17/03 28/03
Add Beacon BRB, double ball topmark, Fl(2) 10s 12m 8M [Q130.4] 34° 21′ 04″N 125° 53′ 53″E

Light Fl G 5s 14m 5M 34° 17′ 53″N 126° 31′ 49″E
(44(573), 49(647)00 Inchon)

95101 8Ed. 7/8/95 LAST NM 28/03 31/03
Add Dangerous wreck [K28] (PA) 34° 15′ 48″N 125° 52′ 26″E
Dangerous wreck [K28] 34° 21′ 40″N 125° 50′ 07″E
(24(399), 25(432)03 Inchon)

95101 8Ed. 7/8/95 LAST NM 31/03 17/04
Add Dangerous wreck [K28] 34° 32′ 10″N 126° 07′ 50″E
Dangerous wreck [K28] 34° 33′ 30″N 125° 58′ 15″E
(42(785)03, 6(78)04 Inchon)

95101 8Ed. 7/8/95 LAST NM 17/04 20/04
Delete Dangerous wreck 34° 32′ 10″N 126° 07′ 50″E
(See 17/04-95101)
(13(176)04 Inchon)

95101 8Ed. 7/8/95 LAST NM 20/04 42/05
Add Buoy "A" Y, spherical [Q130.6]
34° 18′ 23″N 126° 35′ 26″E
Buoy "B" Y, spherical [Q130.6]
34° 18′ 36″N 126° 35′ 30″E
(31(498)05 Inchon)

95101 8Ed. 7/8/95 LAST NM 42/05 32/06
Add Submarine cable [L30.1] between
34° 11′ 58″N 126° 31′ 04″E
34° 12′ 13″N 126° 32′ 24″E
(42(681)05 Inchon)

95101 8Ed. 7/8/95 LAST NM 32/06 44/06
Delete Buoy 34° 05′ 53″N 126° 10′ 04″E

Add Beacon BRB, double ball topmark, Fl(2) 10s 18m 10M [Q130.4] Racon
34° 05′ 53″N 126° 10′ 04″E
(BA LL; ROK CH W221B; 37(551)06 Inchon)

95101 8Ed. 7/8/95 LAST NM 44/06 33/07
Add Fish haven area with blue tint [K46.1] bound by dotted line (limiting danger line) joining
34° 07′ 39″N 126° 29′ 18″E
34° 07′ 19″N 126° 29′ 36″E
34° 07′ 14″N 126° 29′ 28″E
34° 07′ 34″N 126° 29′ 11″E

Fish haven area with blue tint [K46.1] bound by dotted line (limiting danger line) joining
34° 16′ 53″N 126° 26′ 31″E
34° 16′ 53″N 126° 26′ 50″E
34° 16′ 30″N 126° 26′ 50″E
34° 16′ 30″N 126° 26′ 31″E
(51(872)06 Inchon)

95101 8Ed. 7/8/95 LAST NM 33/07 40/07
Delete Wreck 34° 09′ 11″N 126° 02′ 53″E

Substitute Depth 42 meters Wk [K26] for dangerous wreck 34° 21′ 40″N 125° 50′ 07″E

Add Depth 43 meters Wk [K26] 34° 09′ 49″N 126° 03′ 29″E
Depth 30.5 meters Wk [K26] 34° 11′ 42″N 126° 10′ 21″E
(52(899, 901, 907)06 Inchon)

95101 8Ed. 7/8/95 LAST NM 40/07 41/08
Delete Buoy 34° 12′ 09″N 126° 38′ 43″E

Add Beacon R, cone topmark, Fl R 5s 12m 6M
34° 12′ 06″N 126° 38′ 45″E
(ROK CH 221A)

95101 8Ed. 7/8/95 LAST NM 41/08 9/09
Change Legend "Chagae-do" to "Dangsado"
34° 06′ 14″N 126° 35′ 42″E

Add Buoy "1" RW, pillar, ball topmark, Iso 4s [Q130.5] 34° 17′ 50″N 126° 29′ 04″E
Buoy "2" RW, pillar, ball topmark, L Fl 10s [Q130.5] 34° 15′ 37″N 126° 31′ 46″E
Buoy "3" RW, pillar, ball topmark, Mo(A) 8s [Q130.5] 34° 15′ 29″N 126° 36′ 48″E
Buoy "4" RW, pillar, ball topmark, Iso 4s [Q130.5] 34° 15′ 22″N 126° 41′ 03″E
(27(462)03, 1(17)09 Inchon)

95101 8Ed. 7/8/95 LAST NM 9/09 18/09
Substitute Racon (B) [S3.1] for Racon at light
34° 26′ 23″N 126° 03′ 46″E

Add Racon (Z) [S3.1] at light 34° 13′ 29″N 125° 50′ 52″E
(3(60, 61)09 Inchon)

95101 8Ed. 7/8/95 LAST NM 18/09 22/09
Add "Fish haven" area with blue tint [K46] bound by dotted line (limiting danger line) joining
34° 16′ 52″N 126° 20′ 39″E
34° 16′ 30″N 126° 21′ 25″E
34° 16′ 08″N 126° 21′ 06″E
34° 16′ 26″N 126° 20′ 29″E

Depth 20 meters 34° 16′ 38″N 126° 20′ 52″E
Bottom characteristic "S" [J1] 34° 16′ 07″N 126° 20′ 47″E
(2(35)09 Inchon)

95101 8Ed. 7/8/95 LAST NM 22/09 26/09
Add "Fish haven" area with blue tint [K46.1] bound by dotted line (limiting danger line) joining
34° 14′ 57″N 126° 19′ 21″E
34° 14′ 39″N 126° 19′ 09″E
34° 15′ 05″N 126° 18′ 09″E
34° 15′ 23″N 126° 18′ 21″E

Depth 21.5 meters 34° 15′ 11″N 126° 18′ 24″E
Depth 22 meters 34° 14′ 55″N 126° 18′ 36″E
(2(36)09 Inchon)

95101 8Ed. 7/8/95 LAST NM 26/09 28/09
Add Beacon BRB, double ball topmark, Fl(2) 5s 14m 9M [Q130.4] 34° 31′ 27″N 126° 04′ 27″E
Beacon BRB, double ball topmark, Fl(2) 10s 16m 9M [Q130.4] 34° 30′ 26″N 126° 02′ 10″E
(3(62)09 Inchon)

95101 8Ed. 7/8/95 LAST NM 28/09 30/09
Add Fish haven symbol [K46.1] 34° 13′ 44″N 125° 55′ 45″E
(2(37)09 Inchon)

95101 8Ed. 7/8/95 LAST NM 30/09 48/09
Add Position circle "Pyl" [D26] 34° 30′ 24″N 126° 11′ 03″E
Position circle "Pyl" [D26] 34° 30′ 36″N 126° 10′ 03″E

Dashed line (overhead power cable) "(30)" between above position circles
(ROK CH 221A)

95101 8Ed. 7/8/95 LAST NM 48/09 7/10
Change Height of light to 11m 34° 30′ 40″N 126° 09′ 44″E
(38(526)04 Inchon)

95101 8Ed. 7/8/95 LAST NM 7/10 9/10
Delete Purple dashed line joining 34° 19′ 22″N 126° 26′ 50″E
34° 15′ 37″N 126° 31′ 46″E
34° 15′ 19″N 126° 42′ 00″E

Relocate Buoy "2" from 34° 15′ 37″N 126° 31′ 46″E to
34° 15′ 53″N 126° 31′ 49″E
Buoy "3" from 34° 15′ 29″N 126° 36′ 48″E to
34° 15′ 42″N 126° 36′ 18″E
Buoy "4" from 34° 15′ 22″N 126° 41′ 03″E to
34° 15′ 30″N 126° 40′ 49″E
(See 9/09-95101)

Add Purple dashed line (recommended track) [M4] joining 34° 19′ 22″N 126° 26′ 50″E
34° 15′ 53″N 126° 31′ 49″E
34° 15′ 19″N 126° 42′ 00″E
(ROK CH 221A)

95101 8Ed. 7/8/95 LAST NM 9/10 16/10
Add Fish haven symbol [K46.1] 34° 17′ 27″N 126° 33′ 46″E
(ROK CH 221A)

95101 8Ed. 7/8/95 LAST NM 16/10 37/10
Change Height of light to 76m and delete sector limits 34° 27′ 35″N 126° 02′ 34″E
(31(445)10 Inchon)

95101 8Ed. 7/8/95 LAST NM 37/10 52/10
Add Light Fl 4s 50m 9M with obscured sector 045°-090° 34° 13′ 45″N 125° 59′ 27″E
(ROK CH 214)

★95101 9Ed. 7/30/11 NEW EDITION N17/12
(NGA)

95101 9Ed. 7/30/11 LAST NM N17/12 N20/12
Add Depth 3.1 meters enclosed by depth contour (5-meter) centered 34° 21′ 59″N 126° 15′ 46″E

Depth 8.8 meters Wk [K26] 34° 29′ 14″N 126° 24′ 24″E
Depth 11.2 meters 34° 34′ 10″N 125° 58′ 12″E
(11(154-156)12 Inchon)

95101 9Ed. 7/30/11 LAST NM N20/12 N28/13
Relocate Beacon from 34° 17′ 07″N 125° 59′ 30″E to
34° 17′ 18″N 125° 59′ 15″E
(31(455)12 Inchon)

95101 9Ed. 7/30/11 LAST NM N28/13 N34/13
Add Depth 28.5 meters Wk [K26] 34° 06′ 21″N 126° 30′ 25″E
(35(532)11 Inchon)

★95102 9Ed. 3/12/11 NEW EDITION N34/11
(NGA)

95102 9Ed. 3/12/11 LAST NM N34/11 N46/11
Add Beacon BY, double cone topmark points upward, Q 12m 12M [Q130.3]
34° 31′ 31″N 127° 06′ 45″E
Beacon BY, double cone topmark points upward, Q 12m 11M [Q130.3]
34° 28′ 07″N 127° 05′ 12″E
(38(574)11 Inchon)

95102 9Ed. 3/12/11 LAST NM N46/11 N27/13
Change Characteristic of buoy "No 9" to Iso 4s
34° 15′ 15″N 126° 45′ 18″E
Characteristic of buoy "No 11" to Iso 4s
34° 15′ 44″N 126° 51′ 20″E
Characteristic of buoy "No 12" to Iso 4s
34° 16′ 00″N 126° 52′ 42″E
Characteristic of buoy "B" to Iso 4s
34° 17′ 01″N 126° 48′ 30″E
Characteristic of buoy "A" to Iso 4s
34° 13′ 36″N 126° 48′ 30″E
(46(749-751)12 Inchon)

★**95103** 9Ed. 4/30/11 NEW EDITION N6/12
(NGA)

95103 9Ed. 4/30/11 LAST NM N6/12 N20/12
Add Buoy YBY, pillar, double cone topmark points together, Q(9) 15s [Q130.3]
33° 25′ 13″N 126° 12′ 40″E
(13(185)12 Inchon)

95103 9Ed. 4/30/11 LAST NM N20/12 N32/13
Add Buoy ODAS "No 5" Y, conical, Fl(5) Y 20s
33° 49.3′ N 126° 35.4′ E
(37(569)12 Inchon)

95103 9Ed. 4/30/11 LAST NM N32/13 N34/13
Add Depth 28.5 meters Wk [K26] 34° 06.4′ N 126° 30.4′ E
(35(532)11 Inchon)

★**95120** 10Ed. 6/30/12 NEW EDITION N46/12
(NGA)

95120 10Ed. 6/30/12 LAST NM N46/12 N22/13
Delete Superbuoy ODAS 33° 04.2′ N 126° 27.3′ E
(27(390)12 Inchon)

★**95122** 1Ed. 8/2/12 NEW CHART N52/12
(NGA)

★**95136** 1Ed. 4/14/12 NEW CHART N21/12
(NGA)

95136 1Ed. 4/14/12 LAST NM N21/12 N23/13
Delete Buoy "B" 34° 52′ 02.4″N 127° 45′ 10.9″E
Buoy 34° 51′ 58.8″N 127° 44′ 16.2″E
(27(383)12 Inchon)

95136 1Ed. 4/14/12 LAST NM N23/13 N28/13
Delete Buoy "A" 34° 50′ 17.2″N 127° 47′ 10.2″E
(33(492)12 Inchon)

★**95138** 9Ed. 7/7/07 NEW EDITION N41/07
(NGA)

95138 9Ed. 7/7/07 LAST NM N41/07 N22/08
Add Buoy "No A" Y, pillar, "X" topmark, Fl(4) Y 8s [Q130.6] 34° 45′ 21.6″N 127° 45′ 19.4″E
Buoy "No B" Y, pillar, "X" topmark, Fl(4) Y 8s [Q130.6] 34° 45′ 38.7″N 127° 45′ 24.4″E
(17(222)08 Inchon)

95138 9Ed. 7/7/07 LAST NM N22/08 N40/08
Add Buoy "A" Y, pillar, "X" topmark, Fl(4) Y 8s [Q130.6] 34° 44′ 18.9″N 127° 44′ 04.8″E
(1(3)08 Inchon)

95138 9Ed. 7/7/07 LAST NM N40/08 N47/08
Add Rock awash [K12] 34° 52′ 06.8″N 127° 43′ 37.4″E
(36(535)08 Inchon)

95138 9Ed. 7/7/07 LAST NM N47/08 N14/09
Change Characteristic of buoy "No 1" to Iso 4s
34° 50′ 49.0″N 127° 47′ 43.0″E
Characteristic of buoy "C" to Iso 4s
34° 43′ 15.0″N 127° 50′ 12.0″E
(2(28, 29)09 Inchon)

95138 9Ed. 7/7/07 LAST NM N14/09 N17/12
Delete Light and sector limits 34° 53′ 11.8″N 127° 44′ 25.2″E
Light and sector limits 34° 51′ 48.7″N 127° 45′ 45.8″E
(ROK CH 241)

95138 9Ed. 7/7/07 LAST NM N17/12 N28/13
Delete Buoy 34° 50′ 17.3″N 127° 47′ 10.3″E
(33(492)12 Inchon)

★**95140** 16Ed. 7/2/11 NEW EDITION 45/11
Delete Dangerous submerged rock 34° 32.1′ N 127° 31.7′ E
Depth 3.7 meters 34° 32.3′ N 127° 32.1′ E

Submarine cable between 34° 42.1′ N 128° 01.5′ E
33° 52.1′ N 128° 01.5′ E

Submarine cable between 34° 10.1′ N 128° 47.9′ E
33° 45.0′ N 128° 33.4′ E

Purple dashed-line circle and legend "Unexploded Ordnance" in vicinity 34° 53.2′ N 128° 56.8′ E

Substitute Depth 36 meters for 50 meters 34° 02.6′ N 127° 11.8′ E
Depth 18.3 meters for 18.5 meters 34° 47.6′ N 128° 09.8′ E
Depth 8.7 meters for 9.6 meters 34° 37.1′ N 128° 23.2′ E
Depth 28.5 meters for 32 meters 34° 40.3′ N 128° 39.0′ E
Depth 23.5 meters for 25 meters 34° 39.4′ N 128° 46.2′ E

Depth 3.7 meters for rock which covers and uncovers with drying height 1.2 meters
34° 32.1′ N 127° 31.6′ E

Depth 49 meters Wk [K26] for wreck
34° 55.4′ N 129° 03.0′ E

Change Line 1 of Caution No. 3 to "Mariners are advised not to anchor, trawl or fish in the vicinity" 35° 10.4′ N 128° 19.0′ E

Add Beacon BRB, double ball topmark, Fl(2) W 5s 18m 8M [Q130.4] 34° 25.9′ N 127° 13.1′ E

Depth 12.4 meters 34° 23.5′ N 127° 21.1′ E
Depth 12.5 meters 34° 23.2′ N 127° 22.2′ E
Depth 11.1 meters 34° 34.0′ N 127° 48.6′ E

Buoy "No. A" RW, pillar, ball topmark, L Fl W 10s Racon (G) [Q130.5] 34° 35.7′ N 127° 56.7′ E
Buoy RW, pillar, ball topmark, Mo(A) 8s, Racon AIS [Q130.5] 34° 58.0′ N 128° 48.8′ E

Pilot station symbol [T1.2] with legend "No. 5"
34° 56.3′ N 128° 45.8′ E
Pilot station symbol [T1.2] with legend "No. 9"
34° 56.2′ N 128° 48.9′ E

"Unexploded Ordnance" area bound by purple composite-line circle, radius 1 mile, centered
34° 53.3′ N 128° 57.1′ E

Light Fl(2) W 6s 23m 12M 35° 12.9′ N 129° 14.0′ E
Light Fl W 6s 23m 8M 35° 13.9′ N 129° 14.7′ E
Dangerous wreck [K28] 33° 51.0′ N 129° 39.7′ E
(NGA; 42(673)05 Inchon; ROK CH 209, 213, 224A, 229, 240)

95140 16Ed. 7/2/11 LAST NM 45/11 48/11
Add Beacon BYB, double cone topmark bases together, Q(3) 10s 13m 8M [Q130.3]
34° 13.8′ N 127° 16.3′ E
(40(599)11 Inchon)

95140 16Ed. 7/2/11 LAST NM 48/11 53/11
Change Light to Fl W 3s 22m 5M 33° 50.0′ N 129° 39.6′ E
(47(1607)11 Tokyo)

95140 16Ed. 7/2/11 LAST NM 53/11 37/12
Change Fog signal to Horn at light and delete RC 34° 00.4′ N 127° 19.4′ E
(ROK CH 214)

95140 16Ed. 7/2/11 LAST NM 37/12 21/13
Delete Dangerous wreck 34° 39.2′ N 128° 54.9′ E
(38(4275)11 Taunton)

95140 16Ed. 7/2/11 LAST NM 21/13 25/13
Add Beacon YBY, double cone topmark points together, Q(9) 15s 13m 8M [Q130.3] 34° 30.0′ N 127° 45.1′ E
(41(652)12 Inchon)

95140 16Ed. 7/2/11 LAST NM 25/13 32/13
Add Buoy ODAS "No 3" Y, conical, Fl(5) Y 20s 34° 13.4′ N 128° 25.0′ E
(37(567)12 Inchon)

95140 16Ed. 7/2/11 LAST NM 32/13 35/13
Add Buoy ODAS [Q58] "No 2" Y, conical, Fl(5) Y 20s 34° 56.0′ N 129° 08.3′ E
(36(551)12 Inchon)

★95141 9Ed. 6/11/11 NEW EDITION N1/12
Add Beacon BYB, double cone topmark bases together, Q(3) 10s 13m 8M [Q130.3] 34° 13′ 50″N 127° 16′ 19″E
(NGA; 40(599)11 Inchon)

95141 9Ed. 6/11/11 LAST NM N1/12 N19/12
Delete Buoy "A" 34° 44′ 52″N 127° 45′ 15″E
Buoy "B" 34° 45′ 02″N 127° 45′ 14″E
(12(167)12 Inchon)

95141 9Ed. 6/11/11 LAST NM N19/12 N25/13
Add Beacon YBY, double cone topmark points together, Q(9) 15s 13m 8M [Q130.3] 34° 30′ 00″N 127° 45′ 07″E
(41(652)12 Inchon)

★95142 10Ed. 5/5/12 NEW EDITION N26/12
(NGA)

★95143 12Ed. 4/7/07 NEW EDITION N34/07
Change Height of light to 10m 34° 53′ 50″N 128° 10′ 00″E
(NGA; BA LL)

95143 12Ed. 4/7/07 LAST NM N34/07 N38/08
Change Vertical clearance of overhead cable to "30m" between 34° 29′ 36″N 127° 47′ 42″E
34° 29′ 24″N 127° 47′ 54″E
(33(481)08 Inchon)

95143 12Ed. 4/7/07 LAST NM N38/08 N41/08
Add Light Fl 4s 33m 8M 34° 39′ 39″N 127° 48′ 22″E
(ROK CH 240)

95143 12Ed. 4/7/07 LAST NM N41/08 N6/09
Add Beacon YBY, double cone topmark points together, Q(9) 15s 12m 8M [Q130.3] 34° 29′ 29″N 127° 45′ 45″E
(51(731)08 Inchon)

95143 12Ed. 4/7/07 LAST NM N6/09 N8/09
Add Depth 29.5 meters 34° 42′ 04″N 128° 09′ 45″E
Depth 6.8 meters, blue tint and enclosing depth contour (10-meter) centered 34° 41′ 16″N 128° 11′ 15″E
Depth 12 meters 34° 41′ 45″N 128° 10′ 20″E
(3(55)09 Inchon)

95143 12Ed. 4/7/07 LAST NM N8/09 N13/09
Delete Depth 24 meters 34° 47′ 04″N 128° 11′ 53″E
Depth 22 meters 34° 45′ 35″N 128° 05′ 26″E

Add Depth 18.3 meters enclosed by depth contour (20-meter) centered 34° 47′ 34″N 128° 09′ 53″E
Depth 17.2 meters enclosed by depth contour (20-meter) centered 34° 47′ 20″N 128° 11′ 58″E
Depth 19.8 meters enclosed by depth contour (20-meter) centered 34° 47′ 08″N 128° 11′ 57″E
Depth 18.5 meters enclosed by depth contour (20-meter) centered 34° 45′ 38″N 128° 05′ 31″E
Depth 19.2 meters enclosed by depth contour (20-meter) centered 34° 45′ 30″N 128° 05′ 05″E
(3(56)09 Inchon)

95143 12Ed. 4/7/07 LAST NM N13/09 N14/09
Change Characteristic of buoy "C" to Iso 4s 34° 43′ 15″N 127° 50′ 12″E
(2(29)09 Inchon)

95143 12Ed. 4/7/07 LAST NM N14/09 N22/09
Add Fish haven symbol [K46] 34° 39′ 38″N 127° 48′ 31″E
(2(32)09 Inchon)

95143 12Ed. 4/7/07 LAST NM N22/09 N1/10
Add Buoy BRB, pillar, double ball topmark, Fl(2) 5s [Q130.4] 34° 39′ 32″N 128° 16′ 00″E
(4(82)09 Inchon)

95143 12Ed. 4/7/07 LAST NM N1/10 N7/10
Add Depth 4.7 meters Wk [K26] 34° 53′ 44″N 127° 44′ 08″E
Depth 7.7 meters Wk [K26] 34° 52′ 01″N 127° 43′ 43″E
(36(536)08 Inchon)

95143 12Ed. 4/7/07 LAST NM N7/10 N32/10
Add Light Fl R 6s 15m 5M 34° 51′ 27″N 128° 03′ 39″E
(20(268)10 Inchon)

95143 12Ed. 4/7/07 LAST NM N32/10 N48/11
Add Beacon BYB, double cone topmark bases together, Q(3) 10s 15m 8M [Q130.3] 34° 36′ 28″N 127° 48′ 02″E
(40(598)11 Inchon)

95143 12Ed. 4/7/07 LAST NM N48/11 N17/12
Delete Light 34° 53′ 13″N 127° 44′ 24″E
Light 34° 51′ 47″N 127° 45′ 50″E
(ROK CH 241)

95143 12Ed. 4/7/07 LAST NM N17/12 N20/12
Add Fish haven symbol [K46.1] 34° 51′ 32″N 128° 10′ 29″E
Fish haven symbol [K46.1] 34° 51′ 30″N 128° 13′ 54″E
(11(61), 13(69)12 Inchon)

95143 12Ed. 4/7/07 LAST NM N20/12 N22/13
Delete Buoy 34° 17′ 25″N 127° 51′ 15″E
(27(382)12 Inchon)

95143 12Ed. 4/7/07 LAST NM N22/13 N25/13
Add Beacon YBY, double cone topmark points together, Q(9) 15s 13m 8M [Q130.3] 34° 30′ 00″N 127° 45′ 07″E
(41(652)12 Inchon)

95143 12Ed. 4/7/07 LAST NM N25/13 N28/13
Delete Buoy 34° 50′ 18″N 127° 47′ 10″E
(33(492)12 Inchon)

★95144 10Ed. 6/10/06 NEW EDITION 39/06
(NGA)

95144 10Ed. 6/10/06 LAST NM 39/06 44/06
Add Depth 50 meters Wk [K26] 34° 35′ 10″N 128° 19′ 39″E
(38(568)06 Inchon)

95144 10Ed. 6/10/06 LAST NM 44/06 15/07
Delete Wreck 34° 32′ 11″N 128° 24′ 52″E
(1(2)07 Inchon)

95144 10Ed. 6/10/06 LAST NM 15/07 33/07
Add Fish haven area with blue tint [K46.1] bound by dotted line (limiting danger line) joining
34° 45′ 49″N 128° 38′ 40″E
34° 45′ 49″N 128° 39′ 04″E
34° 45′ 32″N 128° 39′ 04″E
34° 45′ 32″N 128° 38′ 40″E

Fish haven area with blue tint [K46.1] bound by dotted line (limiting danger line) joining
34° 44′ 56″N 128° 43′ 58″E
34° 44′ 56″N 128° 43′ 30″E
34° 44′ 42″N 128° 43′ 30″E
34° 44′ 42″N 128° 43′ 58″E

(continued on next page)

95144 (Continued) 33/07
Fish haven area with blue tint [K46.1] bound by dotted line (limiting danger line) joining
34° 43′ 42″N 128° 30′ 24″E
34° 43′ 42″N 128° 30′ 40″E
34° 43′ 29″N 128° 30′ 40″E
34° 43′ 29″N 128° 30′ 24″E
(27(399, 401)07 Inchon)

95144 10Ed. 6/10/06 LAST NM 33/07 26/08
Add Vertical clearance [D20] 32 meters to overhead power cable between 34° 52′ 48″N 128° 28′ 05″E
34° 52′ 41″N 128° 28′ 30″E
(20(261)08 Inchon)

95144 10Ed. 6/10/06 LAST NM 26/08 30/08
Add Buoy "A" Y, pillar, "X" topmark, Fl(4) Y 8s [Q130.6] 34° 57′ 53″N 128° 26′ 25″E
Buoy "B" Y, pillar, "X" topmark, Fl(4) Y 8s [Q130.6] 34° 57′ 57″N 128° 27′ 02″E
Buoy "C" Y, pillar, "X" topmark, Fl(4) Y 8s [Q130.6] 34° 57′ 41″N 128° 27′ 13″E
Buoy "D" Y, pillar, "X" topmark, Fl(4) Y 8s [Q130.6] 34° 57′ 38″N 128° 27′ 06″E
Buoy "A" Y, pillar, "X" topmark, Fl Y 4s [Q130.6] 34° 56′ 25″N 128° 35′ 14″E
Buoy "B" Y, pillar, "X" topmark, Fl Y 4s [Q130.6] 34° 56′ 17″N 128° 35′ 29″E
(23(349)07, 23(329)08 Inchon)

95144 10Ed. 6/10/06 LAST NM 30/08 38/08
Substitute Depth 18.2 meters Wk [K26] for 18.3 meters Wk 34° 56′ 21″N 128° 32′ 32″E
(34(499)08 Inchon)

95144 10Ed. 6/10/06 LAST NM 38/08 9/09
Add "Spoil Ground" area [N62.1] bound by dashed-line circle, radius 250 meters, centered
34° 43′ 30″N 128° 56′ 42″E
(2(7)09 Inchon)

95144 10Ed. 6/10/06 LAST NM 9/09 18/09
Add Buoy "No B" WBuW, pillar, Fl 6s
34° 46′ 50″N 128° 27′ 12″E
(3(59)09 Inchon)

95144 10Ed. 6/10/06 LAST NM 18/09 31/09
Add Depth 7.6 meters Obstn [K41] 34° 59′ 40″N 128° 36′ 19″E
(25(401)09 Inchon)

95144 10Ed. 6/10/06 LAST NM 31/09 32/09
Add "Anchoring Prohibited" area [N20] bound by purple composite line joining 34° 50′ 48″N 128° 44′ 11″E
34° 50′ 48″N 128° 47′ 00″E
34° 48′ 00″N 128° 47′ 00″E
34° 48′ 00″N 128° 47′ 06″E
(42(604)08 Inchon)

95144 10Ed. 6/10/06 LAST NM 32/09 37/09
Delete "Anchoring Prohibited" area in vicinity
34° 49′ 30″N 128° 46′ 00″E
(Supersedes 32/09-95144)

Add "Anchoring Prohibited" area [N20] bound by purple composite line joining 34° 50′ 48″N 128° 44′ 11″E
34° 50′ 48″N 128° 47′ 00″E
34° 48′ 00″N 128° 47′ 00″E
34° 48′ 00″N 128° 44′ 06″E
(42(604)08 Inchon)

95144 10Ed. 6/10/06 LAST NM 37/09 1/10
Add Buoy BRB, pillar, double ball topmark, Fl(2) 5s [Q130.4] 34° 39′ 32″N 128° 16′ 00″E
(4(82)09 Inchon)

95144 10Ed. 6/10/06 LAST NM 1/10 5/10
Add Solid line (breakwater) [F4.1] between
34° 45′ 50″N 128° 23′ 19″E
34° 45′ 53″N 128° 23′ 12″E
Light "No. A" Fl G 4s 6m 6M 34° 45′ 50″N 128° 23′ 19″E
Light "No. B" Fl R 4s 6m 5M 34° 45′ 53″N 128° 23′ 12″E
(30(472)07 Inchon)

95144 10Ed. 6/10/06 LAST NM 5/10 6/10
Substitute Depth 0.9 meter for 7.2 meters 34° 58′ 50″N 128° 32′ 18″E
(27(423)09 Inchon)

95144 10Ed. 6/10/06 LAST NM 6/10 7/10
Add Depth 1 meter Rk, blue tint and enclosing depth contour (2-meter) centered
34° 40′ 51″N 128° 34′ 34″E
(1(2)10 Inchon)

95144 10Ed. 6/10/06 LAST NM 7/10 16/10
Delete Purple dashed line and legends "VTS" (2) joining 34° 53′ 43″N 128° 45′ 08″E
34° 55′ 00″N 128° 55′ 00″E
35° 00′ 00″N 128° 57′ 00″E

Radio reporting point symbol 34° 58′ 08″N 128° 45′ 25″E
Radio reporting point symbol 34° 55′ 16″N 128° 45′ 15″E
Radio reporting point symbol 34° 54′ 30″N 128° 51′ 00″E
Radio reporting point symbol 34° 57′ 35″N 128° 56′ 00″E

Add Purple dashed line with legend "VTS" joining
34° 58′ 27″N 128° 45′ 27″E
34° 55′ 00″N 128° 50′ 00″E
34° 58′ 43″N 128° 59′ 16″E

Radio reporting point symbol [M40] with direction pointer 273° 34° 56′ 48″N 128° 45′ 20″E
Radio reporting point symbol [M40] with direction pointer 043° 34° 56′ 35″N 128° 47′ 55″E
Radio reporting point symbol [M40] with direction pointer 334° 34° 56′ 50″N 128° 54′ 35″E
(ROK CH 202, 206)

95144 10Ed. 6/10/06 LAST NM 16/10 17/10
Delete Beacon 34° 55′ 44″N 128° 31′ 16″E
Light 34° 55′ 21″N 128° 31′ 40″E

Add Double solid line with land tint (bridge) [D22] between 34° 55′ 44″N 128° 31′ 39″E
34° 55′ 21″N 128° 31′ 39″E

Light F 27m 7M 34° 55′ 33″N 128° 31′ 39″E
Light Fl G 6s 5M 34° 55′ 20″N 128° 31′ 31″E
Light Fl R 6s 5M 34° 55′ 18″N 128° 31′ 26″E
(39(603)09 Inchon; ROK CH 204A)

95144 10Ed. 6/10/06 LAST NM 17/10 19/10
Add Light Fl 6s 30m 8M RACON (M)
34° 29′ 54″N 128° 28′ 36″E
(ROK CH 229)

95144 10Ed. 6/10/06 LAST NM 19/10 21/10
Delete Purple dashed line joining 35° 00′ 00″N 128° 49′ 13″E
34° 59′ 17″N 128° 49′ 45″E
35° 00′ 00″N 128° 53′ 41″E

Change Characteristic of buoy "No 7" to Fl(4) G 8s
34° 59′ 48″N 128° 47′ 20″E
Characteristic of buoy "No 5" to Fl(4) G 8s
34° 59′ 23″N 128° 47′ 28″E
Characteristic of buoy "No 3" to Fl(4) G 8s
34° 58′ 53″N 128° 47′ 37″E
Characteristic of buoy "No 4" to Fl(4) R 8s
34° 59′ 31″N 128° 48′ 55″E

Add Buoy RW, pillar, ball topmark, Mo(A) 8s RACON AIS [Q130.5] 34° 57′ 58″N 128° 48′ 46″E

Purple dashed line (harbor limit) [N49] joining
35° 00′ 00″N 128° 48′ 41″E
34° 59′ 00″N 128° 49′ 30″E
35° 00′ 00″N 128° 54′ 32″E
(53(812)09, 13(203)10 Inchon; ROK CH 255)

95144 10Ed. 6/10/06 LAST NM 21/10 26/10
Delete Legend "Fish Trap Area" 34° 59′ 10″N 128° 28′ 44″E

Add Purple dashed line joining 34° 59′ 45″N 128° 28′ 12″E
34° 59′ 23″N 128° 28′ 36″E
34° 59′ 49″N 128° 29′ 01″E

Purple dashed line joining 34° 59′ 18″N 128° 27′ 50″E
34° 59′ 07″N 128° 27′ 56″E
34° 58′ 22″N 128° 28′ 19″E

Legend "Jangjwa Passage" 34° 59′ 10″N 128° 28′ 15″E
(35(537)09 Inchon; ROK CH 204A)

95144 10Ed. 6/10/06 LAST NM 26/10 44/11
Change Height of light to 25m 34° 53′ 55″N 128° 28′ 55″E

Add Light Fl R 6s 15m 7M 34° 56′ 58″N 128° 25′ 58″E
Light Fl(4) Y 8s 12m 7M Horn 34° 56′ 58″N 128° 26′ 22″E
(43(698, 699)05 Inchon)

95144 10Ed. 6/10/06 LAST NM 44/11 13/12
Delete Buoy "A" 34° 58′ 05″N 128° 26′ 40″E
(10(157)11 Inchon)

95144 10Ed. 6/10/06 LAST NM 13/12 20/12
Add Buoy (ODAS) Y, pillar, Fl Y 2s
34° 34′ 10″N 128° 21′ 58″E

Fish haven symbol [K46.1] 34° 51′ 30″N 128° 13′ 54″E
(11(61, 153)12 Inchon)

95144 10Ed. 6/10/06 LAST NM 20/12 41/12
Add Light Fl G 5s 10m 6M 34° 38′ 56″N 128° 34′ 28″E
(4(70)06 Inchon)

95144 10Ed. 6/10/06 LAST NM 41/12 21/13
Delete Dangerous wreck 34° 39′ 12″N 128° 54′ 54″E
(38(4275)11 Taunton)

★**95146** 16Ed. 4/29/06 NEW EDITION 29/06
Relocate Pilot station symbol from
35° 01′ 52″N 128° 46′ 47″E to 35° 02′ 24″N 128° 45′ 42″E
and add legend "No. 1"

Add Pilot station symbol [T1.2] with legend
"Busan New Port" 35° 00′ 00″N 128° 48′ 19″E
Pilot station symbol [T1.2] with legend
"No. 9" 34° 56′ 11″N 128° 48′ 52″E
(NGA; 4(64), 13(165), 17(221)06 Inchon)

95146 16Ed. 4/29/06 LAST NM 29/06 37/06
Add Fish haven symbol [K46.1] 34° 51′ 34″N 128° 28′ 18″E
Fish haven symbol [K46.1] 34° 51′ 26″N 128° 28′ 27″E
(28(389)06 Inchon)

95146 16Ed. 4/29/06 LAST NM 37/06 47/06
Delete Dangerous wreck 35° 08′ 16″N 128° 41′ 28″E
(43(694)06 Inchon)

95146 16Ed. 4/29/06 LAST NM 47/06 22/08
Add Racon (N) [S3.1] to buoy 35° 01′ 26″N 128° 47′ 19″E
(17(221)08 Inchon)

95146 16Ed. 4/29/06 LAST NM 22/08 26/08
Add Vertical clearance [D20] 32 meters to overhead
power cable between 34° 52′ 48″N 128° 28′ 05″E
34° 52′ 41″N 128° 28′ 30″E
(20(261)08 Inchon)

95146 16Ed. 4/29/06 LAST NM 26/08 30/08
Add Buoy "A" Y, pillar, "X" topmark, Fl Y 4s
[Q130.6] 34° 56′ 25″N 128° 35′ 14″E
Buoy "B" Y, pillar, "X" topmark, Fl Y 4s
[Q130.6] 34° 56′ 17″N 128° 35′ 29″E
Buoy "A" Y, pillar, "X" topmark, Fl(4) Y 8s
[Q130.6] 34° 57′ 53″N 128° 26′ 25″E
Buoy "B" Y, pillar, "X" topmark, Fl(4) Y 8s
[Q130.6] 34° 57′ 57″N 128° 27′ 02″E
Buoy "C" Y, pillar, "X" topmark, Fl(4) Y 8s
[Q130.6] 34° 57′ 41″N 128° 27′ 13″E
Buoy "D" Y, pillar, "X" topmark, Fl(4) Y 8s
[Q130.6] 34° 57′ 38″N 128° 27′ 06″E
(23(349)07, 23(329)08 Inchon)

95146 16Ed. 4/29/06 LAST NM 30/08 36/08
Add Buoy "D" Y, pillar, "X" topmark, Fl(4) Y 8s
[Q130.6] 35° 01′ 08″N 128° 46′ 25″E
Buoy "A" Y, pillar, "X" topmark, Fl Y 4s
[Q130.6] 34° 54′ 41″N 128° 36′ 45″E
Buoy "B" Y, pillar, "X" topmark, Fl Y 4s
[Q130.6] 34° 54′ 38″N 128° 36′ 50″E
(9(129, 130)06 Inchon)

95146 16Ed. 4/29/06 LAST NM 36/08 38/08
Substitute Depth 18.2 meters Wk [K26] for
18.3 meters Wk 34° 56′ 21″N 128° 32′ 32″E
(34(499)08 Inchon)

95146 16Ed. 4/29/06 LAST NM 38/08 27/09
Delete Buoy "D" 35° 01′ 08″N 128° 46′ 25″E
(See 36/08-95146)
(46(659)08 Inchon)

95146 16Ed. 4/29/06 LAST NM 27/09 31/09
Add Depth 7.6 meters Obstn [K41] 34° 59′ 40″N 128° 36′ 19″E
(25(401)09 Inchon)

95146 16Ed. 4/29/06 LAST NM 31/09 48/09
Delete Buoy 35° 05′ 17″N 128° 30′ 26″E

Add Buoy BRB, pillar, double ball topmark,
Fl(2) 10s [Q130.4] 35° 05′ 33″N 128° 41′ 18″E
(4(79, 81)09 Inchon)

95146 16Ed. 4/29/06 LAST NM 48/09 6/10
Substitute Depth 0.9 meter for 7.2 meters 34° 58′ 50″N 128° 32′ 18″E

Add "Marine Farm" area bound by dashed line
joining 34° 55′ 35″N 128° 27′ 22″E
34° 55′ 34″N 128° 27′ 34″E
34° 55′ 28″N 128° 27′ 33″E
34° 55′ 29″N 128° 27′ 21″E

"Marine Farm" area bound by dashed line
joining 34° 58′ 11″N 128° 29′ 15″E
34° 58′ 16″N 128° 29′ 22″E
34° 58′ 10″N 128° 29′ 29″E
34° 58′ 05″N 128° 29′ 21″E

"Marine Farm" area bound by dashed line
joining 34° 58′ 04″N 128° 29′ 26″E
34° 58′ 06″N 128° 29′ 34″E
34° 57′ 57″N 128° 29′ 38″E
34° 57′ 55″N 128° 29′ 30″E

"Marine Farm" area bound by dashed line
joining 34° 55′ 00″N 128° 27′ 22″E
34° 55′ 00″N 128° 27′ 28″E
34° 54′ 55″N 128° 27′ 29″E
34° 54′ 55″N 128° 27′ 22″E
(30(156, 158)07, 27(423)09 Inchon)

95146 16Ed. 4/29/06 LAST NM 6/10 7/10
Add Beacon BRB, double ball topmark,
Fl(2) 5s 11m 8M [Q130.4] 35° 05′ 19″N 128° 30′ 33″E
(36(532)08 Inchon)

95146 16Ed. 4/29/06 LAST NM 7/10 16/10
Delete Purple dashed line and legend "VTS" between
34° 53′ 44″N 128° 45′ 08″E
34° 54′ 43″N 128° 52′ 47″E

Radio reporting point symbol 34° 54′ 27″N 128° 50′ 44″E
Radio reporting point symbol 34° 55′ 08″N 128° 45′ 14″E

Add Chartlet A, depicting changes in hydrography,
topography and aids to navigation from
Subsection I-2 35° 03′ 30″N 128° 47′ 00″E

Chartlet B, depicting changes in hydrography,
topography and aids to navigation from
Subsection I-2 35° 00′ 00″N 128° 47′ 00″E

Purple dashed line with legend "VTS" joining
34° 57′ 38″N 128° 46′ 28″E
34° 55′ 00″N 128° 50′ 00″E
34° 56′ 07″N 128° 52′ 47″E

Radio reporting point symbol [M40] with
direction pointer 334° 34° 55′ 39″N 128° 51′ 36″E
Radio reporting point symbol [M40] with
direction pointer 273° 34° 54′ 56″N 128° 45′ 14″E
(ROK CH 206, 255)

95146 16Ed. 4/29/06 LAST NM 16/10 17/10
Delete Light 34° 55′ 44″N 128° 31′ 16″E
Light 34° 55′ 22″N 128° 31′ 40″E

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95146 (Continued) 17/10

Add Double solid line with land tint (bridge) [D22] between 34° 55′ 44″N 128° 31′ 39″E
34° 55′ 21″N 128° 31′ 39″E

Light F 27m 7M 34° 55′ 33″N 128° 31′ 39″E
Light Fl R 6s 5M 34° 55′ 20″N 128° 31′ 26″E

(39(603)09 Inchon; ROK CH 204A)

95146 16Ed. 4/29/06 LAST NM 17/10 18/10

Add Legend "CONTINUED ON 95149" 35° 01′ 30″N 128° 52′ 45″E

(NGA)

95146 16Ed. 4/29/06 LAST NM 18/10 19/10

Add Light Fl G 4s 10m 5M 35° 05′ 56″N 128° 28′ 47″E
Light Fl G 4s 7m 5M 35° 06′ 10″N 128° 29′ 43″E

(ROK CH 206)

95146 16Ed. 4/29/06 LAST NM 19/10 21/10

Delete Purple dashed line and legend "Harbor Limit" joining 35° 03′ 39″N 128° 45′ 41″E
34° 59′ 18″N 128° 49′ 42″E
34° 59′ 51″N 128° 52′ 47″E

Purple dashed line, radio reporting point symbol and legend "VTS" between 35° 03′ 47″N 128° 51′ 28″E
35° 02′ 55″N 128° 52′ 47″E

(See 16/10-95146)

Add Purple dashed line (harbor limit) [N49] joining 35° 03′ 39″N 128° 45′ 41″E
34° 59′ 00″N 128° 49′ 30″E
34° 59′ 39″N 128° 52′ 47″E

(13(203)10 Inchon; ROK CH 202)

95146 16Ed. 4/29/06 LAST NM 21/10 24/10

Delete Buoy "B" 35° 08′ 32″N 128° 40′ 34″E
Legend "Barge" 35° 06′ 15″N 128° 38′ 04″E

Purple composite line joining 35° 05′ 49″N 128° 38′ 50″E
35° 06′ 12″N 128° 37′ 41″E
35° 07′ 11″N 128° 37′ 00″E

Substitute Depth 9.5 meters Obstn [K41] for 10.4 meters 35° 04′ 23″N 128° 38′ 43″E

Change Visibility (range) of light to 16M 35° 08′ 15″N 128° 36′ 00″E
Light on beacon to Fl 6s 91m 15M 35° 00′ 40″N 128° 37′ 14″E

Add Purple composite line [N2.2] joining 35° 05′ 49″N 128° 38′ 50″E
35° 06′ 14″N 128° 37′ 55″E
35° 07′ 11″N 128° 37′ 00″E

(52(799)09, 7(108), 8(126), 10(152)10 Inchon; ROK CH 204)

95146 16Ed. 4/29/06 LAST NM 24/10 26/10

Delete Buoy (mooring) 35° 03′ 51″N 128° 26′ 26″E
Buoy (mooring) 35° 04′ 18″N 128° 27′ 00″E
Buoys (mooring) (2) in vicinity 35° 04′ 11″N 128° 26′ 38″E
Buoys (mooring) (2) in vicinity 35° 04′ 18″N 128° 27′ 18″E
Buoys (mooring) (3) in vicinity 35° 04′ 12″N 128° 27′ 38″E
Buoys (mooring) (6) in vicinity 35° 07′ 56″N 128° 34′ 56″E

Purple dashed line between 35° 04′ 36″N 128° 38′ 43″E
35° 06′ 12″N 128° 36′ 32″E

Purple dashed line between 35° 05′ 00″N 128° 39′ 04″E
35° 06′ 36″N 128° 36′ 54″E

Purple tint (traffic separation line) and directional arrows (2) in vicinity 35° 05′ 26″N 128° 38′ 01″E

Legend "Fish Traps" 34° 58′ 55″N 128° 28′ 31″E

Add Purple dashed line between 35° 04′ 36″N 128° 38′ 43″E
35° 06′ 27″N 128° 36′ 44″E

Purple dashed line between 35° 05′ 00″N 128° 39′ 04″E
35° 06′ 49″N 128° 37′ 09″E

Purple tint (traffic separation line) [M12] between 35° 04′ 48″N 128° 38′ 54″E
35° 06′ 38″N 128° 36′ 56″E

Open-outlined arrow indicating flow of traffic [M10] oriented 139° 35° 05′ 39″N 128° 37′ 46″E
Open-outlined arrow indicating flow of traffic [M10] oriented 319° 35° 05′ 41″N 128° 38′ 11″E

Purple dashed line joining 34° 59′ 45″N 128° 28′ 12″E
34° 59′ 23″N 128° 28′ 36″E
34° 59′ 49″N 128° 29′ 01″E

Purple dashed line joining 34° 59′ 18″N 128° 27′ 50″E
34° 59′ 07″N 128° 27′ 56″E
34° 58′ 22″N 128° 28′ 19″E

Legend "Jangjwa Passage" 34° 59′ 07″N 128° 28′ 21″E

Buoy BYB, pillar, double cone topmark bases together, Q(3) 10s [Q130.3] 35° 00′ 37″N 128° 39′ 23″E

(23(371), 35(537), 44(672, 674), 52(798)09 Inchon; ROK CH 204, 204A)

95146 16Ed. 4/29/06 LAST NM 26/10 28/10

Delete Buoy "A" 35° 04′ 03″N 128° 38′ 09″E
Buoy "B" 35° 04′ 14″N 128° 38′ 16″E
Buoy "C" 35° 04′ 18″N 128° 38′ 10″E
Light 35° 03′ 58″N 128° 37′ 41″E
RACON at light 35° 04′ 33″N 128° 41′ 17″E
Anchor berth "1" 35° 07′ 26″N 128° 41′ 25″E
Anchor berth "2" 35° 07′ 04″N 128° 41′ 08″E

Substitute Depth 17.4 meters Wk [K26] for dangerous wreck 35° 04′ 21″N 128° 38′ 33″E

Change Light on beacon to Fl(2) 5s 14m 12M 35° 05′ 51″N 128° 40′ 45″E

Add "Naesan Passage" area bound by purple dashed line joining 35° 02′ 50″N 128° 28′ 46″E
35° 03′ 07″N 128° 28′ 56″E
35° 03′ 13″N 128° 29′ 12″E
35° 03′ 14″N 128° 29′ 38″E
35° 03′ 24″N 128° 30′ 09″E
35° 03′ 07″N 128° 29′ 59″E
35° 03′ 01″N 128° 29′ 41″E
35° 02′ 59″N 128° 29′ 14″E
35° 02′ 43″N 128° 29′ 00″E

Solid line (breakwater) [F4.1] between 35° 04′ 14″N 128° 38′ 12″E
35° 04′ 07″N 128° 38′ 16″E

Light Fl G 5s 5m 6M 35° 04′ 14″N 128° 38′ 12″E
Light Fl R 5s 5m 6M 35° 04′ 07″N 128° 38′ 16″E
Characteristic (C) to RACON 35° 04′ 32″N 128° 40′ 22″E
Characteristic (B) to RACON 35° 02′ 31″N 128° 37′ 42″E
Characteristic (K) to RACON 35° 02′ 41″N 128° 40′ 22″E

(15(241)09 Inchon; ROK CH 204)

95146 16Ed. 4/29/06 LAST NM 28/10 31/10

Delete Purple dashed line between 35° 02′ 17″N 128° 37′ 46″E
34° 55′ 57″N 128° 31′ 56″E

Purple dashed line between 35° 00′ 56″N 128° 37′ 25″E
34° 55′ 35″N 128° 32′ 32″E

Purple dashed line between 35° 01′ 06″N 128° 36′ 29″E
35° 01′ 10″N 128° 36′ 45″E

Purple dashed line between 35° 00′ 38″N 128° 36′ 05″E
35° 00′ 42″N 128° 36′ 20″E

Purple tint (traffic separation line) between 34° 55′ 45″N 128° 32′ 14″E
35° 00′ 34″N 128° 36′ 40″E

Add Purple dashed line joining 35° 02′ 17″N 128° 37′ 46″E
35° 01′ 25″N 128° 36′ 46″E
34° 55′ 57″N 128° 31′ 56″E

Purple dashed line joining 35° 00′ 56″N 128° 37′ 25″E
35° 00′ 52″N 128° 37′ 15″E
34° 55′ 35″N 128° 32′ 32″E

Purple tint (traffic separation line) [M12] between 35° 00′ 48″N 128° 36′ 44″E
34° 55′ 45″N 128° 32′ 14″E

"PRECAUTIONARY AREA" [M16] bound by purple dashed line joining 34° 58′ 52″N 128° 34′ 32″E
34° 58′ 30″N 128° 35′ 08″E
34° 57′ 39″N 128° 34′ 23″E
34° 58′ 02″N 128° 33′ 48″E

(24(330)10 Inchon)

95146 16Ed. 4/29/06 LAST NM 31/10 32/10
Relocate Buoy "No 2" from
35° 02′ 41″N 128° 40′ 22″E to 35° 02′ 48″N 128° 40′ 21″E
(See 28/10-95146)
(23(313)10 Inchon)

95146 16Ed. 4/29/06 LAST NM 32/10 35/10
Add Superbuoy SBM [L16] "A" WBuW, Fl 6s
34° 56′ 07″N 128° 34′ 04″E
Superbuoy SBM [L16] "B" WBuW, Fl 6s
34° 55′ 50″N 128° 34′ 39″E
Superbuoy SBM [L16] "C" WBuW, Fl 6s
34° 55′ 54″N 128° 33′ 24″E
(ROK CH 204A)

95146 16Ed. 4/29/06 LAST NM 35/10 42/10
Change Visibility (range) of light to 11M
35° 02′ 53″N 128° 47′ 15″E
Height of light to 34m 35° 03′ 31″N 128° 46′ 42″E
(See 16/10-95146)
(34(489), 35(508)10 Inchon)

95146 16Ed. 4/29/06 LAST NM 42/10 2/11
Add Buoy Y, conical, Fl Y 5s [Q130.6]
35° 01′ 16″N 128° 47′ 23″E
(See 16/10-95146)
(48(749)10 Inchon)

95146 16Ed. 4/29/06 LAST NM 2/11 5/11
Add Buoy RW, pillar, ball topmark, Mo(A) 8s
[Q130.5] 35° 04′ 47″N 128° 38′ 53″E
Buoy "No 4" RW, pillar, ball topmark, Iso 4s
[Q130.5] 35° 03′ 10″N 128° 38′ 59″E
(50(775)10 Inchon)

95146 16Ed. 4/29/06 LAST NM 5/11 16/11
Substitute Double solid line with land tint for
double dashed line between 35° 01′ 03″N 128° 43′ 13″E
35° 01′ 04″N 128° 44′ 08″E

Double solid line with land tint for
double dashed line between 35° 00′ 58″N 128° 44′ 46″E
35° 00′ 50″N 128° 45′ 55″E
(See 16/10-95146)

Add Light Iso WRG 6s 38m 7M RACON (G)
35° 01′ 03″N 128° 43′ 46″E

Light Iso WRG 6s 38m 7M 35° 01′ 03″N 128° 43′ 38″E
Light Iso WRG 4s 38m 7M 35° 00′ 54″N 128° 45′ 14″E
(3(76), 4(93)11 Inchon; UKHO LL)

95146 16Ed. 4/29/06 LAST NM 16/11 41/11
Change Characteristic of buoy "No 124" to Fl(2) R 6s
35° 04′ 20″N 128° 48′ 28″E
(29(415)11 Inchon)

95146 16Ed. 4/29/06 LAST NM 41/11 43/11
Change Visibility (range) of beacon to 8M
35° 00′ 04″N 128° 39′ 44″E
Height of light to 69m 35° 04′ 36″N 128° 42′ 54″E
(See 16/10-95146)
(38(595)05 Inchon)

95146 16Ed. 4/29/06 LAST NM 43/11 44/11
Add Light Fl R 6s 15m 7M 34° 56′ 58″N 128° 25′ 58″E
Light Fl(4) Y 8s 12m 7M Horn 34° 56′ 58″N 128° 26′ 22″E
(43(698)05 Inchon)

95146 16Ed. 4/29/06 LAST NM 44/11 48/11
Add Anchorage area [N12.1] bound by purple
dashed line joining 34° 59′ 53″N 128° 52′ 47″E
34° 59′ 38″N 128° 51′ 28″E
35° 00′ 09″N 128° 51′ 19″E
35° 00′ 22″N 128° 52′ 29″E
35° 00′ 53″N 128° 52′ 21″E
35° 00′ 58″N 128° 52′ 47″E
Note: Area extends beyond chart border

Anchor berth "U-1" [N11.1] 35° 00′ 00″N 128° 51′ 44″E
Anchor berth "U-2" [N11.1] 35° 00′ 06″N 128° 52′ 22″E
(ROK CH 202)

95146 16Ed. 4/29/06 LAST NM 48/11 13/12
Delete Buoy "A" 34° 58′ 05″N 128° 26′ 40″E
(10(157)11 Inchon)

95146 16Ed. 4/29/06 LAST NM 13/12 20/12
Change Visibility (range) of light to 8M
35° 05′ 38″N 128° 47′ 22″E
Visibility (range) of light to 8M
35° 00′ 42″N 128° 49′ 31″E
(See 16/10-95146)
(11(151, 152)12 Inchon)

95146 16Ed. 4/29/06 LAST NM 20/12 51/12
Delete Buoy 34° 53′ 37″N 128° 45′ 52″E
(8(111)06 Inchon)

★**95147** 14Ed. 4/1/06 NEW EDITION 29/06
(NGA)

95147 14Ed. 4/1/06 LAST NM 29/06 47/06
Delete Dangerous wreck 35° 08′ 16.3″N 128° 41′ 27.5″E
(43(694)06 Inchon)

95147 14Ed. 4/1/06 LAST NM 47/06 30/08
Substitute Double solid line with land tint [D22] for
double dashed line between 35° 09′ 36.6″N 128° 35′ 18.4″E
35° 09′ 54.7″N 128° 35′ 54.3″E
Note: Construction complete

Add Light Fl 4s 57m 7M 35° 09′ 47.2″N 128° 35′ 40.0″E
Light Fl G 4s 57m 7M 35° 09′ 45.0″N 128° 35′ 34.0″E
Light Fl R 4s 57m 7M 35° 09′ 50.5″N 128° 35′ 44.2″E
Light Fl Y 4s 57m 6M 35° 09′ 44.9″N 128° 35′ 33.5″E
Light Fl Y 4s 57m 6M 35° 09′ 51.2″N 128° 35′ 47.0″E
(23(327, 328)08 Inchon)

95147 14Ed. 4/1/06 LAST NM 30/08 48/09
Add Buoy BRB, pillar, double ball topmark,
Fl(2) 10s [Q130.4] 35° 05′ 33.0″N 128° 41′ 18.0″E
(4(79)09 Inchon)

95147 14Ed. 4/1/06 LAST NM 48/09 12/10
Change Designation of buoy "No 4" to "No 6"
35° 07′ 59.5″N 128° 36′ 27.0″E
(3(41)08 Inchon)

95147 14Ed. 4/1/06 LAST NM 12/10 16/10
Delete Buoy "A" 35° 08′ 27.0″N 128° 40′ 34.0″E
(ROK CH 204)

95147 14Ed. 4/1/06 LAST NM 16/10 24/10
Delete Buoy "B" 35° 08′ 32.6″N 128° 40′ 34.3″E
Depth 13 meters 35° 09′ 27.0″N 128° 36′ 04.0″E

Purple composite line and legend
"PROHIBITED AREA" in vicinity
35° 07′ 16.0″N 128° 38′ 14.0″E

Relocate Buoy "No 1" from
35° 06′ 40.1″N 128° 41′ 05.9″E to
35° 06′ 40.0″N 128° 41′ 03.0″E
Buoy "No 2" from
35° 06′ 34.0″N 128° 41′ 13.5″E to
35° 06′ 35.1″N 128° 41′ 10.1″E
Buoy "No 4" from
35° 06′ 52.2″N 128° 41′ 32.0″E to
35° 06′ 53.1″N 128° 41′ 28.1″E
Buoy "No 6" from
35° 07′ 10.8″N 128° 41′ 48.0″E to
35° 07′ 12.0″N 128° 41′ 51.0″E

Substitute Depth 9.5 meters Obstn [K41] for 10.4 meters
35° 04′ 22.6″N 128° 38′ 42.5″E
Depth 8.2 meters Wk [K26] for 9.1 meters
35° 10′ 55.8″N 128° 34′ 15.1″E
Depth 6.1 meters Wk [K26] for 6.7 meters
35° 10′ 32.9″N 128° 34′ 16.8″E

Change Visibility (range) of light to 16M
35° 08′ 15.2″N 128° 36′ 00.1″E

Add Depth 11.8 meters Wk [K26]
35° 09′ 43.5″N 128° 35′ 26.1″E
Depth 11.7 meters 35° 09′ 29.8″N 128° 36′ 02.6″E

(continued on next page)

95147 (Continued) 24/10

Purple composite line with legend
"PROHIBITED AREA" [N2.2] joining
35° 07′ 06.8″N 128° 39′ 58.0″E
35° 07′ 00.3″N 128° 40′ 06.0″E
35° 06′ 51.0″N 128° 39′ 59.1″E
35° 06′ 43.8″N 128° 39′ 59.4″E
35° 05′ 54.9″N 128° 40′ 18.0″E
35° 05′ 49.6″N 128° 40′ 12.7″E
35° 05′ 30.3″N 128° 39′ 46.5″E
35° 05′ 46.8″N 128° 38′ 49.8″E
35° 06′ 14.4″N 128° 37′ 55.2″E
35° 07′ 10.8″N 128° 37′ 00.3″E
35° 07′ 36.0″N 128° 36′ 41.6″E
35° 08′ 12.0″N 128° 36′ 21.6″E
35° 09′ 02.7″N 128° 36′ 24.0″E
35° 09′ 04.7″N 128° 36′ 34.8″E

(6(100), 7(107, 108), 8(126), 10(152)10 Inchon; ROK CH 204)

95147 14Ed. 4/1/06 LAST NM 24/10 26/10

Delete Buoy (mooring) 35° 07′ 48.6″N 128° 35′ 02.3″E
Buoy (mooring) 35° 07′ 51.9″N 128° 34′ 53.1″E
Buoy (mooring) 35° 07′ 57.1″N 128° 34′ 57.4″E
Buoy (mooring) 35° 07′ 57.9″N 128° 34′ 50.2″E
Buoy (mooring) 35° 08′ 00.4″N 128° 34′ 53.4″E
Buoy (mooring) 35° 08′ 02.8″N 128° 34′ 46.6″E

Purple dashed line joining 35° 04′ 35.0″N 128° 38′ 43.0″E
35° 06′ 13.5″N 128° 36′ 29.0″E
35° 06′ 36.5″N 128° 36′ 53.5″E
35° 04′ 59.7″N 128° 39′ 04.0″E

Purple tint (traffic separation line) and
directional arrows (2) in vicinity
35° 05′ 38.0″N 128° 37′ 45.0″E

Change Designation of buoy "No 2" to "No 4"
35° 07′ 11.0″N 128° 36′ 58.0″E

Add Purple dashed line joining 35° 04′ 35.0″N 128° 38′ 43.0″E
35° 06′ 27.3″N 128° 36′ 44.1″E
35° 06′ 48.9″N 128° 37′ 08.6″E
35° 04′ 59.7″N 128° 39′ 04.0″E

Purple tint (traffic separation line) [M12]
between 35° 04′ 47.5″N 128° 38′ 54.0″E
35° 06′ 37.5″N 128° 36′ 55.5″E

Open-outlined arrow indicating flow of traffic
[M10] oriented 139° 35° 06′ 08.0″N 128° 37′ 15.5″E
Open-outlined arrow indicating flow of traffic
[M10] oriented 319° 35° 05′ 15.5″N 128° 38′ 37.0″E

Buoy (mooring) [Q40] "A" 35° 07′ 49.0″N 128° 35′ 03.0″E
Buoy (mooring) [Q40] "B" 35° 07′ 52.0″N 128° 34′ 56.0″E
Buoy (mooring) [Q40] "C" 35° 07′ 59.0″N 128° 34′ 55.0″E
Buoy (mooring) [Q40] "D" 35° 07′ 55.0″N 128° 35′ 01.0″E

Buoy "No 2" R, pillar, cone topmark, Fl R 4s
35° 06′ 11.2″N 128° 37′ 54.6″E

(44(672, 673), 52(798)09 Inchon; ROK CH 204)

95147 14Ed. 4/1/06 LAST NM 26/10 28/10

Delete Dashed line joining 35° 10′ 13.4″N 128° 35′ 21.5″E
35° 10′ 45.1″N 128° 34′ 32.0″E
35° 10′ 39.6″N 128° 34′ 27.0″E
35° 10′ 01.6″N 128° 35′ 26.3″E
35° 09′ 14.2″N 128° 35′ 57.0″E
35° 08′ 39.8″N 128° 36′ 07.7″E
35° 08′ 43.5″N 128° 36′ 14.8″E
35° 09′ 14.2″N 128° 36′ 05.0″E
35° 10′ 06.7″N 128° 35′ 32.0″E
35° 10′ 54.1″N 128° 35′ 14.5″E
35° 11′ 59.1″N 128° 35′ 20.5″E
35° 11′ 59.1″N 128° 35′ 12.5″E
35° 10′ 54.1″N 128° 35′ 07.0″E
35° 10′ 13.4″N 128° 35′ 21.5″E

Buoy "A" 35° 04′ 05.5″N 128° 38′ 09.8″E
Buoy "B" 35° 03′ 55.8″N 128° 37′ 52.0″E
Buoy "C" 35° 03′ 54.1″N 128° 37′ 39.0″E
Light 35° 03′ 58.0″N 128° 37′ 41.0″E
Light from buoy "A" 35° 06′ 06.5″N 128° 36′ 35.0″E
Light from buoy "B" 35° 06′ 12.5″N 128° 36′ 28.0″E
Legend "Works in progress"
35° 08′ 53.0″N 128° 41′ 10.0″E

Substitute Solid line for dashed line joining
35° 04′ 03.1″N 128° 37′ 44.2″E
35° 04′ 02.6″N 128° 37′ 45.0″E
35° 04′ 05.9″N 128° 38′ 03.2″E
35° 04′ 06.2″N 128° 38′ 03.0″E
and add land tint to area bound by shore and
above solid line

Solid line (breakwater) [F4.1] for dashed line
joining 35° 03′ 58.9″N 128° 37′ 39.3″E
35° 03′ 57.5″N 128° 37′ 41.5″E
35° 03′ 58.8″N 128° 37′ 49.8″E

Solid line (breakwater) [F4.1] for dashed line
between 35° 04′ 13.8″N 128° 38′ 12.0″E
35° 04′ 06.6″N 128° 38′ 16.2″E

Solid line (breakwater) [F4.1] for dashed line
between 35° 03′ 57.6″N 128° 37′ 55.2″E
35° 03′ 56.4″N 128° 37′ 49.2″E

Solid line for dashed line in vicinity
35° 08′ 53.0″N 128° 41′ 10.0″E
and add land tint to area bound by shore and
above solid line

Depth 17.4 meters Wk [K26] for
dangerous wreck 35° 04′ 21.5″N 128° 38′ 33.0″E

Change Light on beacon to Fl(2) 5s 14m 12M
35° 05′ 50.2″N 128° 40′ 44.0″E

Add Dashed line (channel limit) joining
35° 10′ 17.0″N 128° 35′ 15.0″E
35° 10′ 45.1″N 128° 34′ 32.0″E
35° 10′ 39.6″N 128° 34′ 27.0″E
35° 10′ 07.0″N 128° 35′ 18.0″E
35° 09′ 41.0″N 128° 35′ 37.0″E
35° 08′ 40.5″N 128° 36′ 02.3″E
35° 08′ 47.0″N 128° 36′ 19.0″E
35° 09′ 47.0″N 128° 35′ 48.0″E
35° 09′ 53.5″N 128° 35′ 43.0″E
35° 10′ 01.8″N 128° 35′ 39.5″E
35° 10′ 54.0″N 128° 35′ 12.5″E
35° 11′ 59.0″N 128° 35′ 20.5″E
35° 11′ 59.0″N 128° 35′ 12.0″E
35° 10′ 54.0″N 128° 35′ 07.0″E
35° 10′ 17.0″N 128° 35′ 15.0″E

Double solid line with land tint (breakwater)
[F4.1] between 35° 08′ 16.0″N 128° 41′ 26.5″E
35° 08′ 03.5″N 128° 41′ 35.0″E

Light Fl G 4s 14m 6M 35° 03′ 58.8″N 128° 37′ 49.8″E
Light Fl G 4s 14m 6M 35° 03′ 57.6″N 128° 37′ 55.2″E
Light Fl R 4s 14m 5M 35° 03′ 56.4″N 128° 37′ 49.2″E
Light Fl R 5s 5m 6M 35° 04′ 06.6″N 128° 38′ 16.2″E
Light Fl G 5s 5m 6M 35° 04′ 13.8″N 128° 38′ 12.0″E
Anchor berth "J-01" [N11.1]
35° 07′ 54.0″N 128° 41′ 16.0″E
Anchor berth "J-02" [N11.1]
35° 07′ 38.0″N 128° 41′ 02.0″E
Anchor berth "J-03" [N11.1]
35° 07′ 38.0″N 128° 41′ 23.0″E
Anchor berth "J-04" [N11.1]
35° 07′ 19.0″N 128° 41′ 02.0″E
Anchor berth "J-05" [N11.1]
35° 07′ 19.0″N 128° 41′ 23.0″E
Anchor berth "J-06" [N11.1]
35° 07′ 01.0″N 128° 40′ 55.0″E
Anchor berth "J-07" [N11.1]
35° 07′ 01.0″N 128° 41′ 17.0″E

Beacon BRB, double ball topmark,
Fl(2) 5s 12m 8M [Q130.4] 35° 02′ 24.6″N 128° 36′ 36.6″E

Characteristic (C) to Racon 35° 04′ 32.7″N 128° 40′ 20.8″E
Characteristic (B) to Racon 35° 02′ 31.0″N 128° 37′ 42.0″E
Characteristic (K) to Racon 35° 02′ 41.0″N 128° 40′ 22.0″E
Buoy W, can 35° 03′ 25.5″N 128° 39′ 42.0″E

Pilot station symbol [T1.2] with legend "No 2"
35° 08′ 42.0″N 128° 36′ 18.0″E

(18(286)09 Inchon; ROK CH 204, 237)

95147 14Ed. 4/1/06 LAST NM 28/10 31/10

Delete Purple dashed line joining 35° 03′ 05.5″N 128° 42′ 34.5″E
35° 03′ 04.0″N 128° 42′ 39.0″E
35° 03′ 00.0″N 128° 40′ 20.5″E
35° 02′ 25.5″N 128° 40′ 33.0″E
35° 02′ 29.0″N 128° 43′ 02.0″E

Purple dashed line joining 35° 03′ 00.0″N 128° 40′ 20.5″E
35° 02′ 06.0″N 128° 38′ 23.5″E
35° 01′ 29.0″N 128° 38′ 35.0″E

Purple dashed line between 35° 02′ 25.5″N 128° 40′ 33.0″E
35° 01′ 00.0″N 128° 37′ 34.0″E

(continued on next page)

95147 (Continued) 31/10

Purple dashed line joining 35° 03′ 04.0″N 128° 39′ 18.0″E
35° 02′ 06.0″N 128° 38′ 23.5″E
35° 02′ 16.0″N 128° 37′ 47.0″E

Purple dashed line between 35° 03′ 15.5″N 128° 38′ 42.0″E
35° 01′ 00.0″N 128° 36′ 36.5″E

Purple tint (traffic separation line) joining
35° 02′ 46.5″N 128° 42′ 40.0″E
35° 02′ 42.5″N 128° 40′ 26.0″E
35° 01′ 38.5″N 128° 38′ 09.5″E

Purple tint (traffic separation line) between
35° 03′ 09.5″N 128° 39′ 00.0″E
35° 01′ 43.5″N 128° 37′ 40.0″E

Purple tint (traffic separation line) in vicinity
35° 01′ 05.0″N 128° 37′ 08.0″E

Add Purple dashed line joining 35° 03′ 05.5″N 128° 42′ 34.5″E
35° 03′ 05.2″N 128° 40′ 15.2″E
35° 02′ 10.8″N 128° 38′ 24.0″E
35° 03′ 04.0″N 128° 39′ 18.0″E

Purple dashed line joining 35° 02′ 29.0″N 128° 43′ 02.0″E
35° 02′ 30.8″N 128° 40′ 28.8″E
35° 01′ 00.0″N 128° 37′ 29.5″E

Purple dashed line joining 35° 03′ 15.5″N 128° 38′ 42.0″E
35° 01′ 24.8″N 128° 36′ 46.0″E
35° 01′ 00.0″N 128° 36′ 26.5″E

Purple dashed line between 35° 02′ 18.0″N 128° 37′ 42.0″E
35° 02′ 10.8″N 128° 38′ 24.0″E

Purple dashed line between 35° 02′ 10.8″N 128° 38′ 24.0″E
35° 01′ 32.6″N 128° 38′ 33.5″E

Purple dashed line between 35° 03′ 05.2″N 128° 40′ 15.2″E
35° 02′ 30.8″N 128° 40′ 28.8″E

Purple tint (traffic separation line) [M12]
joining 35° 02′ 48.1″N 128° 42′ 44.8″E
35° 02′ 48.0″N 128° 40′ 21.0″E
35° 01′ 41.4″N 128° 38′ 06.1″E

Purple tint (traffic separation line) [M12]
between 35° 03′ 09.5″N 128° 39′ 00.0″E
35° 01′ 42.8″N 128° 37′ 29.1″E

Buoy Y, pillar, "X" topmark, Fl(4) Y 8s
[Q130.6] 35° 04′ 58.0″N 128° 42′ 48.0″E
Buoy Y, pillar, "X" topmark, Fl(4) Y 8s
[Q130.6] 35° 05′ 05.2″N 128° 42′ 57.5″E
(24(329, 330)10 Inchon)

95147 14Ed. 4/1/06 LAST NM 31/10 32/10
Relocate Buoy "No 2" from
35° 02′ 41.0″N 128° 40′ 22.0″E to
35° 02′ 48.0″N 128° 40′ 21.0″E
(See 28/10-95147)

Add Depth 17.3 meters Wk [K26]
35° 07′ 57.4″N 128° 36′ 07.2″E
Depth 6.3 meters Wk [K26]
35° 09′ 07.4″N 128° 35′ 30.2″E
(23(308, 313)10 Inchon)

95147 14Ed. 4/1/06 LAST NM 32/10 45/10
Relocate Buoy "No 2" from
35° 06′ 35.1″N 128° 41′ 10.1″E to
35° 06′ 33.0″N 128° 41′ 14.0″E
Buoy "No 4" from
35° 06′ 53.1″N 128° 41′ 28.1″E to
35° 06′ 46.0″N 128° 41′ 32.0″E
(39(577)10 Inchon)

95147 14Ed. 4/1/06 LAST NM 45/10 50/10
Delete Buoy "No 10" 35° 06′ 03.0″N 128° 41′ 13.5″E
(ROK CH 206)

95147 14Ed. 4/1/06 LAST NM 50/10 5/11
Add Buoy RW, pillar, ball topmark, Mo(A) 8s
[Q130.5] 35° 04′ 47.0″N 128° 38′ 53.0″E
Buoy "No 4" RW, pillar, ball topmark, Iso 4s
[Q130.5] 35° 03′ 10.0″N 128° 38′ 59.0″E
(50(775)10 Inchon)

95147 14Ed. 4/1/06 LAST NM 5/11 39/12
Change Line 3 of CAUTION note to
"vessels are prohibited from exceeding a speed
of 12 knots." 35° 11′ 54.0″N 128° 41′ 39.0″E
(2(32)06 Inchon)

★95149 11Ed. 7/13/13 NEW EDITION N3/14
(NGA)

★95151 19Ed. 8/18/12 NEW EDITION N1/13
(NGA)

★95152 6Ed. 11/26/05 NEW EDITION 4/06
Delete Dashed line and overhead clearance height
"15" between 35° 04′ 40.0″N 129° 01′ 08.0″E
35° 04′ 32.0″N 129° 01′ 20.0″E

Add Light Fl(2) G 6s 16m 5M 35° 04′ 16.9″N 129° 01′ 10.1″E
Light Fl(2) R 6s 16m 4M 35° 04′ 16.2″N 129° 01′ 07.9″E

Double solid line with land tint (breakwater)
[F4.1] joining 35° 04′ 17.0″N 129° 01′ 10.1″E
35° 04′ 15.7″N 129° 01′ 11.0″E
35° 04′ 14.4″N 129° 01′ 10.8″E
35° 04′ 13.7″N 129° 01′ 09.3″E
35° 04′ 13.5″N 129° 01′ 08.9″E

Double solid line with land tint (wharf) [F13]
joining 35° 04′ 13.7″N 129° 01′ 09.3″E
35° 04′ 13.5″N 129° 01′ 08.9″E
35° 04′ 16.0″N 129° 01′ 07.7″E
and delete land tint area seaward of above solid
line

Double solid line with land tint (breakwater)
[F4.1] joining 35° 04′ 16.0″N 129° 01′ 07.7″E
35° 04′ 16.7″N 129° 01′ 07.1″E
35° 04′ 17.2″N 129° 01′ 06.4″E
35° 04′ 18.1″N 129° 01′ 03.8″E
35° 04′ 18.4″N 129° 01′ 03.2″E
(NGA; ROK CH 201B; 49(811, 812)05 Inchon)

95152 6Ed. 11/26/05 LAST NM 4/06 30/08
Add Beacon BYB, spar, double cone topmark
bases together, Q(3) 10s 14m 7M
35° 04′ 29.3″N 129° 01′ 28.4″E

Beacon "No 1" Y, spar, cone topmark
35° 04′ 26.7″N 129° 01′ 06.6″E
(14(210)07 Inchon)

95152 6Ed. 11/26/05 LAST NM 30/08 40/08
Add "Under reclamation (2008)" area [F31] bound
by shore and dashed line between
35° 05′ 47.5″N 129° 01′ 53.5″E
35° 05′ 46.4″N 129° 02′ 04.6″E
(2(20)08 Inchon)

95152 6Ed. 11/26/05 LAST NM 40/08 22/09
Change Light to Fl 6s 119m 8M Racon (M)
35° 01′ 39.9″N 128° 58′ 21.9″E
(3(40)08 Inchon)

95152 6Ed. 11/26/05 LAST NM 22/09 40/09
Delete Depth 34 meters 35° 01′ 07.9″N 129° 00′ 48.0″E

Add Depth 15.1 meters 35° 03′ 00.1″N 129° 00′ 29.5″E

Depth 26 meters enclosed by depth contour
(30-meter) 35° 01′ 08.1″N 129° 00′ 43.4″E
(5(105)09 Inchon)

95152 6Ed. 11/26/05 LAST NM 40/09 18/10
Change Visibility (range) of light to 12M
35° 03′ 03.8″N 129° 00′ 31.0″E

Light to Fl(3) 7s 54m 8M 35° 02′ 56.6″N 129° 00′ 53.0″E
Note: Obscured sector unchanged
(ROK CH 201B)

95152 6Ed. 11/26/05 LAST NM 18/10 21/10
Delete Purple dashed line and legends "Outer harbor
limit" (3) between 35° 00′ 48.7″N 128° 57′ 52.0″E
35° 01′ 38.5″N 129° 02′ 37.0″E

(continued on next page)

95152 (Continued) 21/10

Legend "Port Traffic Management Service Reporting Line" 35° 00′ 45.0″N 128° 58′ 29.0″E

Add Legend "VTS" along purple dashed line 35° 00′ 58.0″N 128° 58′ 23.5″E

Radio reporting point symbol [M40] with direction pointers 070°-250° 35° 01′ 01.5″N 128° 58′ 21.5″E

Purple dashed line (harbor limit) [N49] between 35° 00′ 39.8″N 128° 57′ 52.0″E
35° 01′ 36.5″N 129° 02′ 37.0″E

(13(203)10 Inchon; ROK CH 202)

95152 6Ed. 11/26/05 LAST NM 21/10 25/10

Delete Buoy "A" 35° 04′ 47.5″N 129° 02′ 24.8″E
Buoy "B" 35° 04′ 45.8″N 129° 02′ 20.7″E
Buoy "C" 35° 04′ 44.8″N 129° 02′ 16.0″E
Buoy "D" 35° 04′ 43.7″N 129° 02′ 11.8″E
Buoy "E" 35° 04′ 42.3″N 129° 02′ 07.3″E
Buoy "F" 35° 04′ 41.3″N 129° 02′ 02.1″E
Buoy "G" 35° 04′ 38.2″N 129° 01′ 49.3″E
Buoy "H" 35° 04′ 37.2″N 129° 01′ 44.2″E
Buoy "J" 35° 04′ 36.0″N 129° 01′ 39.9″E
Buoy "K" 35° 04′ 35.1″N 129° 01′ 34.8″E
Buoy "L" 35° 04′ 31.8″N 129° 01′ 32.6″E
Buoy "M" 35° 04′ 53.3″N 129° 01′ 36.1″E
Buoy "N" 35° 04′ 54.2″N 129° 01′ 40.3″E
Buoy "P" 35° 04′ 55.5″N 129° 01′ 45.6″E
Buoy "Q" 35° 04′ 56.5″N 129° 01′ 50.0″E
Buoy "R" 35° 04′ 58.8″N 129° 02′ 01.0″E
Buoy "No 1" 35° 04′ 40.1″N 129° 01′ 31.3″E
Buoy "No 2" 35° 04′ 39.6″N 129° 01′ 36.2″E
Buoy "No 3" 35° 04′ 44.8″N 129° 01′ 38.0″E
Buoy "No 4" 35° 04′ 47.3″N 129° 01′ 33.0″E
Buoy "No 1" 35° 04′ 52.1″N 129° 02′ 20.9″E
Buoy "No 2" 35° 04′ 48.7″N 129° 02′ 16.7″E
Buoy "No 3" 35° 04′ 52.3″N 129° 02′ 12.0″E
Buoy "No 4" 35° 04′ 57.0″N 129° 02′ 14.1″E
Buoy "No 9" 35° 04′ 08.3″N 129° 01′ 53.0″E
Buoy "No 10" 35° 04′ 08.3″N 129° 02′ 02.9″E
Buoy "No 11" 35° 04′ 21.4″N 129° 01′ 53.2″E
Buoy "No 12" 35° 04′ 22.6″N 129° 02′ 01.3″E
Buoy "No 13" 35° 04′ 35.0″N 129° 01′ 53.3″E
Buoy "No 14" 35° 04′ 36.0″N 129° 01′ 59.9″E
Buoy "No 15" 35° 04′ 45.8″N 129° 01′ 53.8″E
Buoy "No 16" 35° 04′ 47.5″N 129° 01′ 58.0″E
Buoy "No 17" 35° 04′ 50.0″N 129° 01′ 53.2″E
Buoy "No 18" 35° 04′ 51.7″N 129° 01′ 57.7″E
Buoy "No 19" 35° 05′ 00.1″N 129° 01′ 52.8″E
Buoy "No 20" 35° 05′ 01.0″N 129° 01′ 59.0″E

Relocate Buoy "No 7" from 35° 03′ 53.8″N 129° 01′ 52.8″E to 35° 03′ 56.0″N 129° 01′ 53.0″E
Buoy "No 8" from 35° 03′ 53.7″N 129° 02′ 04.7″E to 35° 03′ 56.0″N 129° 02′ 04.5″E

Substitute Double solid line with land tint (fixed bridge) [D22] for double dashed line in vicinity 35° 04′ 47.8″N 129° 01′ 56.0″E
and delete legend "Bridge Under Construction"

Add Vertical clearance [D20] 30 meters to bridge 35° 04′ 48.8″N 129° 01′ 56.0″E

Buoy "No 9" G, pillar, can topmark, Fl(2) G 6s 35° 04′ 16.0″N 129° 01′ 53.0″E
Buoy "No 10" R, pillar, cone topmark, Fl(2) R 6s 35° 04′ 16.0″N 129° 02′ 02.0″E
Buoy "No 11" G, pillar, can topmark, Fl(2) G 6s 35° 04′ 36.0″N 129° 01′ 53.7″E
Buoy "No 12" R, pillar, cone topmark, Fl(2) R 6s 35° 04′ 36.0″N 129° 02′ 00.0″E

Light Fl(3) 7s 39m 7M Racon (C) 35° 04′ 47.8″N 129° 01′ 56.2″E

(30(441-443)08, 5(106, 108)09 Inchon; ROK CH 201, 201B)

95152 6Ed. 11/26/05 LAST NM 25/10 27/10

Delete Depth 12.3 meters 35° 03′ 56.2″N 129° 00′ 13.0″E

Purple dashed line joining 35° 05′ 08.7″N 129° 01′ 51.9″E
35° 05′ 05.4″N 129° 02′ 00.0″E
35° 02′ 38.9″N 129° 02′ 13.1″E
35° 02′ 41.8″N 129° 01′ 52.0″E

"Reserved N-1" anchorage area in vicinity 35° 04′ 26.0″N 129° 02′ 20.0″E

Add Depth 11.6 meters 35° 04′ 44.8″N 128° 59′ 56.1″E
Depth 11.8 meters 35° 03′ 56.5″N 129° 00′ 14.3″E
Depth 12.1 meters 35° 03′ 42.0″N 129° 00′ 15.3″E

Purple dashed line joining 35° 05′ 05.5″N 129° 01′ 58.0″E
35° 04′ 49.6″N 129° 01′ 58.2″E
35° 02′ 39.5″N 129° 02′ 13.5″E
35° 02′ 42.0″N 129° 01′ 52.0″E
35° 04′ 47.7″N 129° 01′ 53.6″E
35° 05′ 09.8″N 129° 01′ 52.7″E

"Reserved N-1 SEE NOTE" anchorage area [N12.3] bound by chart border and purple dashed line joining 35° 04′ 35.1″N 129° 02′ 37.0″E
35° 04′ 35.1″N 129° 02′ 02.6″E
35° 03′ 48.1″N 129° 02′ 07.9″E
35° 03′ 48.1″N 129° 02′ 37.0″E

Note: Area extends beyond chart border

(28(410, 411)08 Inchon; ROK CH 201B)

95152 6Ed. 11/26/05 LAST NM 27/10 29/10

Delete Berth designation "M1" 35° 04′ 16.0″N 128° 59′ 42.0″E
Barge 35° 05′ 12.2″N 129° 01′ 49.1″E

Change Berth designation "N1" to "K11" 35° 04′ 59.0″N 129° 00′ 18.5″E
Berth designation "Y2" to "K23" 35° 04′ 14.0″N 129° 00′ 22.3″E
Berth designation "Y1" to "K24" 35° 04′ 08.5″N 129° 00′ 26.7″E
Berth designation "H1" to "K51" 35° 04′ 59.0″N 128° 59′ 34.0″E
Berth designation "H2" to "K52" 35° 04′ 52.8″N 128° 59′ 33.0″E
Berth designation "KC6" to "KC-SA" 35° 05′ 02.0″N 129° 00′ 00.0″E

Height of light to 22m 35° 05′ 10.1″N 129° 01′ 51.7″E

Add Berth designation "K12" [F19] 35° 04′ 52.5″N 129° 00′ 16.0″E
Berth designation "K13" [F19] 35° 04′ 45.5″N 129° 00′ 16.5″E
Berth designation "K14" [F19] 35° 04′ 40.5″N 129° 00′ 17.2″E
Berth designation "K21" [F19] 35° 04′ 33.2″N 129° 00′ 19.0″E
Berth designation "K22" [F19] 35° 04′ 23.0″N 129° 00′ 20.0″E
Berth designation "K31" [F19] 35° 04′ 02.0″N 129° 00′ 32.0″E
Berth designation "K32" [F19] 35° 03′ 57.0″N 129° 00′ 39.0″E
Berth designation "K33" [F19] 35° 03′ 50.0″N 129° 00′ 43.0″E
Berth designation "K34" [F19] 35° 03′ 45.5″N 129° 00′ 35.0″E
Berth designation "K53" [F19] 35° 04′ 42.0″N 128° 59′ 36.0″E
Berth designation "K54" [F19] 35° 04′ 35.5″N 128° 59′ 39.0″E
Berth designation "K61" [F19] 35° 04′ 03.5″N 128° 59′ 42.3″E
Berth designation "K62" [F19] 35° 03′ 56.0″N 128° 59′ 42.3″E
Berth designation "K63" [F19] 35° 03′ 51.0″N 128° 59′ 42.3″E
Berth designation "K71" [F19] 35° 03′ 43.5″N 128° 59′ 44.0″E
Berth designation "K72" [F19] 35° 03′ 34.6″N 128° 59′ 47.5″E

(ROK CH 201, 201B)

95152 6Ed. 11/26/05 LAST NM 29/10 42/10

Add Buoy WBuW, pillar, Fl 6s 35° 04′ 57.0″N 129° 01′ 45.0″E

(34(488)10 Inchon)

95152 6Ed. 11/26/05 LAST NM 42/10 12/11

Change Visibility (range) of light to 6M 35° 03′ 13.8″N 128° 59′ 01.0″E

(ROK CH 228)

95152 6Ed. 11/26/05 LAST NM 12/11 16/11

Delete Depth 1.6 meters Wk 35° 05′ 42.5″N 129° 02′ 17.3″E

(4(93)11 Inchon)

95152 6Ed. 11/26/05 LAST NM 16/11 19/11
Delete Range lights (2), range line and legend
"Leading Lights 314° 18′ " between
35° 03′ 52.8″N 128° 59′ 24.1″E
35° 02′ 24.5″N 129° 01′ 14.3″E

Add Range light, front FG 106m 23M
35° 03′ 41.8″N 128° 59′ 37.2″E
Range light, rear FG 163m 23M
35° 03′ 59.4″N 128° 59′ 15.8″E

Range line extending in 134° 18′ direction
from above rear light
dashed for 2000 meters, thence
solid for 2200 meters

Legend "Lights in line 314° 18′ " along above
range line 35° 02′ 27.7″N 129° 01′ 08.7″E
(6(121)11 Inchon)

95152 6Ed. 11/26/05 LAST NM 19/11 32/11
Delete "Under reclamation (2008)" area in vicinity
35° 05′ 47.0″N 129° 02′ 00.0″E

Add Land tint to area bound by shore and solid line
between 35° 05′ 47.5″N 129° 01′ 53.4″E
35° 05′ 48.2″N 129° 02′ 03.9″E
(13(191)11 Inchon)

95152 6Ed. 11/26/05 LAST NM 32/11 42/11
Add Buoy "No A" Y, pillar, "X" topmark, Fl(4) Y 8s
[Q130.6] 35° 04′ 45.4″N 128° 59′ 39.8″E
Buoy "No B" Y, pillar, "X" topmark, Fl(4) Y 8s
[Q130.6] 35° 04′ 47.9″N 128° 59′ 38.5″E
Buoy "No A" Y, pillar, "X" topmark, Fl(4) Y 8s
[Q130.6] 35° 02′ 41.7″N 129° 00′ 15.8″E
Buoy "No B" Y, pillar, "X" topmark, Fl(4) Y 8s
[Q130.6] 35° 02′ 49.0″N 129° 00′ 26.9″E
Buoy "No C" Y, pillar, "X" topmark, Fl(4) Y 8s
[Q130.6] 35° 02′ 39.6″N 129° 00′ 30.1″E
(32(473), 35(530)11 Inchon)

95152 6Ed. 11/26/05 LAST NM 42/11 20/12
Add Buoy "G" Y, pillar, "X" topmark, Fl(4) Y 8s
[Q130.6] 35° 02′ 58.0″N 129° 00′ 45.3″E
Buoy "H" Y, pillar, "X" topmark, Fl(4) Y 8s
[Q130.6] 35° 03′ 01.4″N 129° 00′ 39.4″E
Buoy "J" Y, pillar, "X" topmark, Fl(4) Y 8s
[Q130.6] 35° 03′ 09.5″N 129° 00′ 56.9″E
Buoy "K" Y, pillar, "X" topmark, Fl(4) Y 8s
[Q130.6] 35° 03′ 01.3″N 129° 00′ 56.9″E
(11(150)12 Inchon)

★95153 3Ed. 11/26/05 NEW EDITION 4/06
Delete Buoy "A" 35° 05′ 50.5″N 129° 07′ 00.5″E
Buoy "B" 35° 05′ 41.0″N 129° 06′ 58.0″E
Buoy "C" 35° 05′ 26.0″N 129° 06′ 36.0″E
Beacon 35° 09′ 02.9″N 129° 10′ 19.1″E

Add Beacon RYR, double ball topmark,
Fl(2) 5s 28m 7M 35° 09′ 03.4″N 129° 10′ 18.6″E

Light Fl(3) R 7s 9m 5M 35° 05′ 29.0″N 129° 06′ 34.0″E
(NGA; 51(844, 845), 52(863)05 Inchon)

95153 3Ed. 11/26/05 LAST NM 4/06 21/10
Delete Legend "Port Traffic Management Service
Reporting Line" 35° 08′ 48.0″N 129° 09′ 44.5″E

Add Legend "VTS" along purple dashed line
35° 08′ 55.5″N 129° 09′ 33.5″E

Radio reporting point symbol [M40] with
direction pointer 220° 35° 08′ 41.0″N 129° 09′ 53.5″E
(ROK CH 202)

95153 3Ed. 11/26/05 LAST NM 21/10 24/10
Add Land tint to area bound by shore and solid line
[F13] joining 35° 08′ 01.3″N 129° 06′ 54.0″E
35° 08′ 05.9″N 129° 06′ 46.3″E
35° 08′ 06.2″N 129° 06′ 44.3″E
35° 08′ 03.2″N 129° 06′ 37.8″E
and delete depths, depth contours and blue tint
within above area

Land tint to area bound by shore and solid line
[F13] joining 35° 07′ 45.7″N 129° 06′ 58.3″E
35° 07′ 52.4″N 129° 07′ 03.5″E
35° 07′ 53.2″N 129° 07′ 02.0″E
35° 07′ 55.6″N 129° 07′ 04.0″E
35° 07′ 58.6″N 129° 06′ 58.9″E
and delete depths, depth contours and blue tint
within above area

Light Fl(2) R 6s 6.5m 7M 35° 07′ 55.6″N 129° 07′ 03.7″E
Light Fl(2) R 6s 6.5m 7M 35° 07′ 52.4″N 129° 07′ 03.3″E
(2(36)10 Inchon; ROK CH 201)

95153 3Ed. 11/26/05 LAST NM 24/10 27/10
Change Height of light to 18m 35° 05′ 27.8″N 129° 06′ 46.8″E
(ROK CH 201)

95153 3Ed. 11/26/05 LAST NM 27/10 42/10
Add Buoy WBuW, pillar, Fl 6s 35° 09′ 00.0″N 129° 08′ 18.0″E
(34(487)10 Inchon)

95153 3Ed. 11/26/05 LAST NM 42/10 46/10
Add Buoy Y, pillar, Fl(5) 20s [Q130.6] with legend
"ODAS" 35° 08′ 55.0″N 129° 10′ 07.0″E
(41(612)10 Inchon)

95153 3Ed. 11/26/05 LAST NM 46/10 51/10
Delete Purple dashed line between 35° 08′ 33.2″N 129° 08′ 52.0″E
35° 09′ 06.9″N 129° 09′ 05.2″E

Add Purple dashed line (harbor limit) [N49] joining
35° 08′ 33.2″N 129° 08′ 52.0″E
35° 08′ 08.9″N 129° 06′ 53.2″E
35° 08′ 06.0″N 129° 06′ 44.0″E
(4(75)10 Inchon)

95153 3Ed. 11/26/05 LAST NM 51/10 5/11
Substitute Depth 19.5 meters Wk [K26] for 26 meters Wk
35° 05′ 12.8″N 129° 07′ 16.5″E
(ROK CH 201)

95153 3Ed. 11/26/05 LAST NM 5/11 20/12
Change Visibility (range) of light to 8M
35° 05′ 27.8″N 129° 06′ 46.8″E
(11(149)12 Inchon)

★95160 14Ed. 9/5/09 NEW EDITION 48/09
Change Visibility (range) of light to 4M 34° 30.7′ N 129° 18.0′ E
(Previously published 37/09)

Add Dangerous wreck [K28] 34° 14.0′ N 130° 54.0′ E
Dangerous wreck [K28] 33° 56.2′ N 130° 38.7′ E
(Previously published 41/09)
(NGA)

95160 14Ed. 9/5/09 LAST NM 48/09 11/10
Change Characteristic of light to Iso 6s 34° 26.5′ N 130° 58.4′ E
Light to Fl 3s 28m 12M 33° 58.7′ N 130° 52.1′ E
(4(135, 139)10 Tokyo)

95160 14Ed. 9/5/09 LAST NM 11/10 14/10
Change Light to Fl(2) 6s 61m 12M 34° 05.0′ N 129° 12.8′ E
Light to Iso 6s 23m 5M, F 34° 41.0′ N 129° 29.6′ E
Visibility (range) of light to 12M 34° 19.9′ N 129° 12.3′ E
(4(143, 144)10 Tokyo)

95160 14Ed. 9/5/09 LAST NM 14/10 16/10
Add Light Fl(2) R 6s 23m 12M 35° 12.9′ N 129° 14.0′ E
(ROK CH 162)

95160 14Ed. 9/5/09 LAST NM 16/10 17/10
Add Purple dashed line with legend "VTS" joining
35° 29.5′ N 129° 26.5′ E
35° 28.5′ N 129° 30.5′ E
35° 23.5′ N 129° 30.5′ E
35° 20.0′ N 129° 26.0′ E
35° 21.5′ N 129° 21.5′ E

Radio reporting point symbol [M40] with
direction pointer 270° 35° 26.0′ N 129° 30.5′ E
Radio reporting point symbol [M40] with
direction pointer 316° 35° 21.0′ N 129° 27.2′ E
(ROK CH 142)

95160 14Ed. 9/5/09 LAST NM 17/10 18/10
Add Purple outline of chart 95161 joining
35° 31.9′ N 129° 27.1′ E
35° 31.9′ N 129° 28.7′ E
35° 21.0′ N 129° 28.7′ E
35° 21.0′ N 129° 20.0′ E

Legend "Numerous fish havens (see Note)"
35° 17.0′ N 129° 17.5′ E

Note in center right margin of chart from Subsection I-2
(NGA)

95160 14Ed. 9/5/09 LAST NM 18/10 20/10
Change Light to Mo(U) 15s 47m 14M Horn Racon (D)
35° 25.8′ N 130° 00.0′ E
(ROK CH 103)

95160 14Ed. 9/5/09 LAST NM 20/10 32/10
Add Purple outline of chart 95164 joining
35° 56.0′ N 129° 31.8′ E
35° 56.0′ N 129° 39.0′ E
35° 43.0′ N 129° 39.0′ E
35° 43.0′ N 129° 28.8′ E
(NGA)

95160 14Ed. 9/5/09 LAST NM 32/10 38/10
Change Light to Fl 4s 16m 7M 33° 59.0′ N 130° 47.5′ E

Add Depth 35 meters Wk [K26] 35° 56.7′ N 129° 33.6′ E
(18(722)10 Tokyo; 32(459)10 Inchon)

95160 14Ed. 9/5/09 LAST NM 38/10 52/10
Change Visibility (range) of light to 15M 36° 02.8′ N 129° 23.1′ E

Add Light Fl R 4s 15m 15M 36° 06.7′ N 129° 26.4′ E
(46(706, 707)10 Inchon)

95160 14Ed. 9/5/09 LAST NM 52/10 7/11
Add Light Fl R 6s 14m 9M 35° 57.1′ N 129° 32.7′ E
(1(6)11 Inchon)

95160 14Ed. 9/5/09 LAST NM 7/11 41/11
Add Light Fl R 4s 14m 5M 36° 13.3′ N 129° 23.3′ E
(28(370)11 Inchon)

95160 14Ed. 9/5/09 LAST NM 41/11 42/11
Add Light Fl(2) G 6s 11m 8M 35° 35.8′ N 129° 27.8′ E
Light Fl R 5s 11m 5M 35° 35.6′ N 129° 27.8′ E
(32(472)11 Inchon)

95160 14Ed. 9/5/09 LAST NM 42/11 44/11
Add Light Fl 6s 23m 8M 35° 13.9′ N 129° 14.7′ E
(42(673)05 Inchon)

95160 14Ed. 9/5/09 LAST NM 44/11 45/11
Add Depth 29 meters Wk [K26] 35° 20.5′ N 129° 21.7′ E
(38(569)11 Inchon)

95160 14Ed. 9/5/09 LAST NM 45/11 53/11
Change Light to Fl 3s 22m 5M 33° 50.0′ N 129° 39.6′ E
Light to Fl 3s 22m 3M 33° 46.0′ N 129° 49.0′ E
(47(1607)11 Tokyo)

95160 14Ed. 9/5/09 LAST NM 53/11 1/12
Add Light Fl G 4s 14m 6M, Fl G 5s 12m 6M
36° 14.5′ N 129° 23.1′ E
(42(637)11 Inchon)

95160 14Ed. 9/5/09 LAST NM 1/12 20/12
Add Light Fl R 5s 15m 8M 35° 17.8′ N 129° 15.7′ E
Light Fl R 5s 12m 8M 35° 17.3′ N 129° 15.5′ E
(11(147)12 Inchon)

95160 14Ed. 9/5/09 LAST NM 20/12 22/13
Delete Superbuoy (ODAS) 35° 27.0′ N 130° 00.5′ E
(27(381)12 Inchon)

95160 14Ed. 9/5/09 LAST NM 22/13 25/13
Add AIS [S17.1] to light 35° 29.6′ N 129° 26.6′ E
AIS [S17.1] to light 35° 28.5′ N 129° 24.5′ E
AIS [S17.1] to light 35° 26.7′ N 129° 22.7′ E
AIS [S17.1] to beacon 35° 34.0′ N 129° 28.4′ E
(7(107)13 Inchon)

95160 14Ed. 9/5/09 LAST NM 25/13 28/13
Add AIS [S17.1] to light 35° 21.5′ N 129° 21.6′ E
(7(108)13 Inchon)

95160 14Ed. 9/5/09 LAST NM 28/13 33/13
Add Fish haven symbol [K46.1] 36° 12.8′ N 129° 26.8′ E
(30(171)13 Inchon)

95160 14Ed. 9/5/09 LAST NM 33/13 48/13
Delete Submarine pipeline between 36° 03.8′ N 129° 23.0′ E
36° 02.9′ N 129° 24.7′ E

Buoy 36° 03.0′ N 129° 24.7′ E

Change Visibility (range) of light to 17M 36° 01.7′ N 129° 25.8′ E
(38(580)07, 16(260)09 Inchon; ROK CH 135)

★95161 18Ed. 1/15/11 NEW EDITION N34/11
(NGA)

95161 18Ed. 1/15/11 LAST NM N34/11 N38/11
Change Visibility (range) of light to 8M
35° 31′ 29.0″N 129° 27′ 01.6″E

Add Visibility (range) 19M to light
35° 21′ 07.0″N 129° 20′ 42.0″E
(ROK CH 119)

95161 18Ed. 1/15/11 LAST NM N38/11 N42/11
Delete Depth 17.9 meters 35° 28′ 12.6″N 129° 23′ 19.5″E

Substitute Depth 14.5 meters for 16.7 meters
35° 28′ 17.6″N 129° 23′ 13.6″E

Add Depth 16.6 meters 35° 28′ 11.8″N 129° 23′ 22.4″E
(36(542)11 Inchon)

95161 18Ed. 1/15/11 LAST NM N42/11 N45/11
Add Solid line (breakwater) [F4.1] between
35° 22′ 09.0″N 129° 21′ 25.9″E
35° 22′ 07.2″N 129° 21′ 26.4″E

Light Fl R 6s 12m 5M 35° 22′ 07.2″N 129° 21′ 26.4″E

Solid line (breakwater) [F4.1] joining
35° 21′ 49.2″N 129° 21′ 37.0″E
35° 21′ 47.5″N 129° 21′ 40.2″E
35° 21′ 45.9″N 129° 21′ 40.8″E

Light Fl(2) R 6s 12m 5M 35° 21′ 45.9″N 129° 21′ 40.8″E
(38(569)11 Inchon)

95161 18Ed. 1/15/11 LAST NM N45/11 N48/11
Delete Buoy "A" 35° 27′ 01.7″N 129° 22′ 38.0″E
Buoy "B" 35° 27′ 22.7″N 129° 22′ 41.1″E
Buoy "E" 35° 27′ 16.0″N 129° 23′ 00.8″E

Substitute Double solid line with land tint (detached breakwater) [F4.1] for double dashed line between 35° 27′ 19.6″N 129° 22′ 49.8″E
35° 27′ 02.2″N 129° 22′ 44.6″E

Add Light Fl R 4s 31m 8M 35° 27′ 02.6″N 129° 22′ 44.5″E
Light Fl(2) Y 6s 11m 7M 35° 27′ 19.5″N 129° 22′ 49.7″E
(39(583)11 Inchon)

95161 18Ed. 1/15/11 LAST NM N48/11 N13/12
Delete Buoy "C" 35° 26′ 00.0″N 129° 22′ 20.4″E
(10(156)11 Inchon)

95161 18Ed. 1/15/11 LAST NM N13/12 N23/13
Add AIS [S17.1] to light 35° 30′ 16.0″N 129° 23′ 22.1″E
(8(122)13 Inchon)

95161 18Ed. 1/15/11 LAST NM N23/13 N25/13
Delete Light 35° 29′ 35.1″N 129° 26′ 33.8″E
Buoy "A" 35° 26′ 09.9″N 129° 22′ 21.1″E

(continued on next page)

95161 (Continued) 25/13

Buoy "A" 35° 27′ 38.4″N 129° 22′ 30.2″E
Buoy "B" 35° 27′ 43.0″N 129° 22′ 38.0″E
Buoy "B" 35° 26′ 42.9″N 129° 22′ 26.1″E

Substitute Depth 14.3 meters R for 9.4 meters R
35° 26′ 46.3″N 129° 22′ 23.5″E

Change Designation of buoy "C" to "D"
35° 27′ 58.1″N 129° 22′ 45.5″E

Add Light Fl 10s 53m 26M Horn AIS with
obscured sector 014° -184° 35° 29′ 34.0″N 129° 26′ 34.5″E

AIS [S17.1] to light 35° 28′ 21.6″N 129° 24′ 26.2″E
AIS [S17.1] to light 35° 25′ 36.5″N 129° 22′ 37.9″E
AIS [S17.1] to light 35° 26′ 42.4″N 129° 22′ 51.4″E
AIS [S17.1] to light 35° 27′ 59.4″N 129° 23′ 59.6″E

AIS [S17.2] to buoy "No 1"
35° 24′ 11.0″N 129° 22′ 34.2″E
AIS [S17.2] to buoy "No 5"
35° 24′ 42.1″N 129° 22′ 19.9″E
AIS [S17.2] to buoy "No 6"
35° 24′ 42.1″N 129° 22′ 34.5″E
AIS [S17.2] to buoy "No 9"
35° 25′ 29.0″N 129° 22′ 19.9″E
AIS [S17.2] to buoy "No 1"
35° 29′ 15.0″N 129° 23′ 33.1″E
AIS [S17.2] to buoy "No 2"
35° 29′ 16.1″N 129° 23′ 45.0″E
AIS [S17.2] to buoy "No 10"
35° 30′ 18.0″N 129° 23′ 36.1″E
AIS [S17.2] to buoy "No 13"
35° 30′ 49.9″N 129° 23′ 20.8″E
AIS [S17.2] to buoy "No 14"
35° 30′ 53.1″N 129° 23′ 32.3″E
AIS [S17.2] to buoy "No 1"
35° 29′ 45.0″N 129° 23′ 17.6″E
AIS [S17.2] to buoy "No 2"
35° 29′ 54.1″N 129° 23′ 19.9″E

Buoy "A" Y, pillar, "X" topmark, Fl(4) Y 8s
[Q130.6] 35° 27′ 21.5″N 129° 22′ 18.4″E
Buoy "B" Y, pillar, "X" topmark, Fl(4) Y 8s
[Q130.6] 35° 27′ 27.4″N 129° 22′ 34.8″E
Buoy "C" Y, pillar, "X" topmark, Fl(4) Y 8s
[Q130.6] 35° 27′ 40.9″N 129° 22′ 41.8″E
(47(766)12, 4(61), 5(76), 7(107), 11(187), 22(399)13 Inchon)

95161 18Ed. 1/15/11 LAST NM N25/13 N27/13

Delete Buoy 35° 27′ 27.0″N 129° 21′ 15.0″E
Buoy 35° 27′ 21.0″N 129° 21′ 19.7″E
Buoy 35° 27′ 19.1″N 129° 21′ 24.7″E
Period from Horn 35° 27′ 23.8″N 129° 21′ 07.7″E

Relocate Legend "Ulsan New Port General Wharf" from
35° 27′ 26.0″N 129° 21′ 55.9″E to
35° 27′ 28.0″N 129° 21′ 24.5″E

Change Designation of buoy "B" to "C"
35° 27′ 09.0″N 129° 21′ 01.0″E
Designation of buoy "A" to "B"
35° 27′ 05.2″N 129° 21′ 03.5″E
Legend to "OTK No 2 Wharf"
35° 27′ 27.4″N 129° 20′ 40.6″E
Legend to "OTK No 1 Wharf"
35° 27′ 33.5″N 129° 20′ 41.9″E
Light to Fl Y 4s 8m 8M 35° 29′ 54.5″N 129° 22′ 09.0″E

Add Legend "Sand Wharf" 35° 27′ 33.0″N 129° 21′ 20.0″E
Buoy R, pillar, cone topmark, Fl(2) R 6s
35° 27′ 25.2″N 129° 21′ 18.0″E
Legend "Ulsan New Port Container Terminal"
35° 27′ 21.0″N 129° 21′ 55.8″E

Light Fl(4) Y 8s 8m 7M 35° 27′ 31.6″N 129° 21′ 01.8″E
Buoy "A" Y, pillar, "X" topmark [Q130.6]
35° 30′ 03.2″N 129° 23′ 20.5″E
Buoy "D" Y, pillar, "X" topmark [Q130.6]
35° 30′ 11.2″N 129° 23′ 23.3″E
Buoy "C" Y, pillar, "X" topmark [Q130.6]
35° 30′ 10.7″N 129° 23′ 25.6″E
Buoy "B" Y, pillar, "X" topmark [Q130.6]
35° 30′ 03.0″N 129° 23′ 26.5″E
(14(242), 17(290)13 Inchon; UKHO ARCS 898-1; UKHO LL)

95161 18Ed. 1/15/11 LAST NM N27/13 N28/13

Delete Depth 12.8 meters 35° 26′ 40.7″N 129° 22′ 23.0″E

Add AIS [S17.1] to light 35° 21′ 33.0″N 129° 21′ 38.1″E
AIS [S17.2] to buoy 35° 21′ 47.9″N 129° 26′ 11.6″E
(7(108), 25(454)13 Inchon)

95161 18Ed. 1/15/11 LAST NM N28/13 N31/13

Change Designation of buoy "C" to "A"
35° 27′ 43.2″N 129° 22′ 56.3″E
Designation of buoy "D" to "F"
35° 27′ 35.2″N 129° 23′ 11.0″E

Add Light Fl(4) Y 8s to buoy "A"
35° 30′ 03.2″N 129° 23′ 20.5″E
Light Fl(4) Y 8s to buoy "B"
35° 30′ 03.0″N 129° 23′ 26.5″E
Light Fl(4) Y 8s to buoy "C"
35° 30′ 10.7″N 129° 23′ 25.6″E
Light Fl(4) Y 8s to buoy "D"
35° 30′ 11.2″N 129° 23′ 23.3″E

Buoy "E" Y, pillar, "X" topmark, Fl(2) Y 6s
[Q130.6] 35° 27′ 48.7″N 129° 23′ 22.4″E

Racon (X) [S3.6] to buoy "No 1"
35° 24′ 11.0″N 129° 22′ 34.2″E
(See N25, N27/13-95161)
(42(668), 43(682), 46(746)12 Inchon)

95161 18Ed. 1/15/11 LAST NM N31/13 N32/13

Delete Buoy (priv) 35° 30′ 12.0″N 129° 21′ 56.2″E
Buoy "A" 35° 26′ 39.5″N 129° 22′ 20.3″E

Change Shape of buoy to spar 35° 30′ 37.0″N 129° 23′ 34.0″E
Shape of buoy to spar 35° 31′ 25.3″N 129° 22′ 56.0″E
Shape of buoy to spar 35° 28′ 00.4″N 129° 24′ 35.0″E

Add Buoy "A" Y, pillar, "X" topmark, Fl(2) Y 6s
[Q130.6] 35° 26′ 37.4″N 129° 22′ 15.1″E

Anchor berth "T-1" [N11.2], radius 300 meters,
centered 35° 30′ 37.3″N 129° 27′ 17.7″E
Anchor berth "T-2" [N11.2], radius 300 meters,
centered 35° 30′ 57.0″N 129° 27′ 17.7″E
Anchor berth "T-3" [N11.2], radius 250 meters,
centered 35° 31′ 40.2″N 129° 27′ 34.0″E

Buoy "A" Y, pillar, "X" topmark, Fl(3) Y 7s
[Q130.6] 35° 27′ 01.1″N 129° 21′ 13.9″E
Buoy "B" Y, pillar, "X" topmark, Fl(2) Y 6s
[Q130.6] 35° 27′ 54.4″N 129° 23′ 11.4″E
Buoy "C" Y, pillar, "X" topmark, Fl(2) Y 6s
[Q130.6] 35° 28′ 09.8″N 129° 23′ 24.5″E
Buoy "D" Y, pillar, "X" topmark, Fl(2) Y 6s
[Q130.6] 35° 28′ 01.7″N 129° 23′ 32.5″E

Anchor berth "W-1" [N11.2],
radius 400 meters, centered 35° 27′ 17.0″N 129° 23′ 23.0″E

Land tint to area bound by shore and solid line
[F13] joining 35° 27′ 33.2″N 129° 21′ 16.2″E
35° 27′ 33.4″N 129° 21′ 15.6″E
35° 27′ 37.9″N 129° 21′ 15.6″E
35° 27′ 37.9″N 129° 21′ 16.2″E
(16(225), 52(888)11, 2(33, 34), 9(124), 14(196, 197), 18(247), 32(470)12 Inchon)

95161 18Ed. 1/15/11 LAST NM N32/13 N34/13

Delete "Works in progress" area bound by dashed line
and shore in vicinity 35° 25′ 29.0″N 129° 21′ 31.5″E
"Works in progress" area bound by dashed line
and shore in vicinity 35° 26′ 59.0″N 129° 21′ 01.1″E
"Works in progress" area bound by dashed line
and shore in vicinity 35° 26′ 56.5″N 129° 21′ 13.5″E

Change Characteristic of buoy "E" to Q(4) 6s
35° 24′ 48.3″N 129° 22′ 55.7″E
Characteristic of light to Fl(2) Y 4s
35° 27′ 02.6″N 129° 22′ 44.5″E
Characteristic of light to Fl R 6s
35° 27′ 19.5″N 129° 22′ 49.7″E

Add Land tint to area (wharf) [F13] bound by shore
and solid line joining 35° 24′ 47.7″N 129° 21′ 19.5″E
35° 24′ 47.7″N 129° 21′ 23.0″E
35° 24′ 54.5″N 129° 21′ 50.2″E
35° 25′ 29.1″N 129° 21′ 50.2″E
35° 25′ 29.1″N 129° 21′ 48.9″E
35° 25′ 26.6″N 129° 21′ 48.9″E
35° 25′ 26.6″N 129° 21′ 45.7″E
35° 25′ 30.1″N 129° 21′ 45.7″E
35° 25′ 35.6″N 129° 21′ 13.6″E
35° 25′ 35.1″N 129° 21′ 12.5″E
and delete all hydrography and topography
within above area

(continued on next page)

95161 (Continued) 34/13

Submarine pipeline (oil) [L40.1] between
35° 25′ 31.7″N 129° 21′ 49.2″E
35° 25′ 36.8″N 129° 21′ 10.1″E

Land tint to area (wharf) [F13] bound by shore and solid line joining
35° 25′ 37.5″N 129° 21′ 12.5″E
35° 25′ 34.5″N 129° 21′ 39.8″E
35° 25′ 34.5″N 129° 21′ 44.2″E
35° 25′ 36.2″N 129° 21′ 46.5″E
35° 25′ 36.2″N 129° 21′ 47.3″E
35° 25′ 38.9″N 129° 21′ 47.3″E
35° 25′ 38.9″N 129° 21′ 46.7″E
35° 25′ 41.5″N 129° 21′ 46.7″E
and delete all hydrography within above area

Blue tint to area bound by shore and limit between
35° 25′ 38.9″N 129° 21′ 47.3″E
35° 25′ 29.1″N 129° 21′ 50.2″E

Land tint to area (wharf) [F13] bound by shore and solid line joining
35° 26′ 52.5″N 129° 21′ 35.0″E
35° 26′ 54.3″N 129° 21′ 23.7″E
35° 26′ 56.4″N 129° 21′ 16.3″E
35° 26′ 52.5″N 129° 21′ 11.0″E
and delete all hydrography and topography within above area

Land tint to area (wharf) [F13] bound by shore and solid line between
35° 26′ 52.2″N 129° 21′ 10.1″E
35° 26′ 50.3″N 129° 21′ 07.7″E

Blue tint to area bound by shore in vicinity
35° 26′ 56.5″N 129° 21′ 13.5″E

Blue tint to area bound by shore and limit between
35° 27′ 05.2″N 129° 20′ 57.1″E
35° 26′ 59.0″N 129° 21′ 14.5″E

Depth 0.7 meter 35° 26′ 55.2″N 129° 21′ 03.1″E

Land tint to area (wharf) [F13] bound by shore and solid line joining
35° 25′ 45.5″N 129° 21′ 51.8″E
35° 25′ 46.6″N 129° 21′ 56.7″E
35° 25′ 45.5″N 129° 21′ 57.4″E
35° 25′ 46.2″N 129° 21′ 59.2″E
35° 25′ 47.4″N 129° 21′ 58.5″E
35° 25′ 50.0″N 129° 22′ 01.0″E
and delete all hydrography within above area

Land tint to area (wharf) [F13] bound by shore and solid line joining
35° 25′ 52.3″N 129° 22′ 17.3″E
35° 26′ 07.0″N 129° 22′ 17.3″E
35° 26′ 13.4″N 129° 21′ 59.5″E
35° 26′ 37.5″N 129° 22′ 12.2″E
35° 26′ 42.8″N 129° 22′ 20.4″E
35° 26′ 50.3″N 129° 22′ 24.2″E
and delete all hydrography, topography and "Works in progress" area within above area

Land tint to area (wharf) [F13] bound by shore and solid line joining
35° 27′ 34.3″N 129° 21′ 52.6″E
35° 27′ 39.7″N 129° 21′ 56.4″E
35° 27′ 39.8″N 129° 21′ 56.0″E
35° 27′ 41.0″N 129° 21′ 56.4″E
35° 27′ 41.2″N 129° 21′ 56.0″E
35° 27′ 40.1″N 129° 21′ 55.3″E
35° 27′ 41.4″N 129° 21′ 52.0″E
and delete all hydrography within above area

Land tint to area (wharf) [F13] bound by shore and solid line joining
35° 27′ 51.6″N 129° 22′ 04.2″E
35° 27′ 43.2″N 129° 22′ 28.0″E
35° 27′ 57.2″N 129° 22′ 38.9″E
35° 28′ 00.8″N 129° 22′ 32.9″E
35° 28′ 06.5″N 129° 22′ 26.7″E
and delete all hydrography within above area

Land tint to area (wharf) [F13] bound by shore and solid line joining
35° 28′ 34.4″N 129° 24′ 10.6″E
35° 28′ 34.4″N 129° 24′ 04.6″E
35° 28′ 34.8″N 129° 24′ 04.6″E
35° 28′ 34.8″N 129° 24′ 10.6″E
and all hydrography within above area

Land tint to area (wharf) [F13] bound by shore and solid line between
35° 28′ 17.0″N 129° 24′ 18.1″E
35° 28′ 20.2″N 129° 24′ 22.2″E
and delete all hydrography within above area

Land tint to area (wharf) [F13] bound by shore and solid line between
35° 30′ 32.4″N 129° 26′ 51.7″E
35° 30′ 34.4″N 129° 26′ 32.9″E
and delete all hydrography and aids to navigation within above area
(NGA; 34(504)12 Inchon; ROK CH 119)

★95161 18Ed. 1/15/11 LAST NM N34/13 N37/13

Add Land tint to area bound by shore and solid line [F13] joining
35° 24′ 47.7″N 129° 21′ 23.0″E
35° 24′ 37.5″N 129° 21′ 23.0″E
35° 24′ 37.7″N 129° 21′ 28.3″E
and delete all hydrography within above area

Land tint to area bound by shore and solid line [F13] joining
35° 24′ 07.0″N 129° 21′ 09.4″E
35° 24′ 07.8″N 129° 21′ 10.5″E
35° 24′ 08.4″N 129° 21′ 10.4″E
35° 24′ 09.5″N 129° 21′ 12.2″E
35° 24′ 08.7″N 129° 21′ 14.1″E
35° 24′ 10.7″N 129° 21′ 20.8″E
35° 24′ 10.5″N 129° 21′ 46.2″E
35° 24′ 33.8″N 129° 21′ 46.2″E
and delete all hydrography and topography within above area
(See N34/13-95161)
(NTM0015/2013)

★95162 3Ed. 8/6/11 NEW EDITION N1/12

Delete Buoy "B" 37° 32′ 22.7″N 129° 07′ 01.6″E
(NGA; 39(586)11 Inchon)

★95163 3Ed. 4/7/12 NEW EDITION N22/12

Change Legend "129° 19′ 00″ E" to "129° 49′ 00″ E"
36° 10′ 48.0″N 129° 48′ 57.0″E

Add Submarine cable (power) [L31.1] between
36° 06′ 42.5″N 129° 26′ 23.5″E
36° 06′ 53.4″N 129° 26′ 37.0″E
(NGA; 13(180)12 Inchon)

95163 3Ed. 4/7/12 LAST NM N22/12 N32/13

Substitute Depth 12.4 meters for 11.4 meters
36° 06′ 22.0″N 129° 26′ 47.0″E
Depth 11.7 meters for 11.3 meters
36° 06′ 08.6″N 129° 26′ 45.7″E
Depth 11.8 meters for 12 meters
36° 06′ 09.2″N 129° 26′ 24.5″E

Change Latitude designation "35°" to "36°"
35° 00′ 00.0″N 129° 20′ 00.0″E
Note: Applicable to certain copies of this chart

Add Fish haven area with blue tint [K46.1] bound by dotted line (limiting danger line) joining
36° 04′ 57.1″N 129° 32′ 24.6″E
36° 04′ 59.6″N 129° 32′ 31.1″E
36° 04′ 44.7″N 129° 32′ 41.7″E
36° 04′ 42.2″N 129° 32′ 35.2″E

Land tint to area bound by shore and solid line between
36° 00′ 56.3″N 129° 23′ 39.3″E
36° 01′ 04.1″N 129° 23′ 43.7″E

Beacon Y, "X" topmark, Fl(4) Y 8s 11m 6M [Q130.6] 36° 03′ 41.6″N 129° 22′ 58.7″E

Depth 10.8 meters 36° 05′ 49.8″N 129° 26′ 24.1″E
(NGA; 10(161), 11(185), 15(82), 20(349)13 Inchon)

95163 3Ed. 4/7/12 LAST NM N32/13 N33/13

Delete Buoy "3" 36° 01′ 30.0″N 129° 26′ 55.0″E
Legend "Works in Progress (2010)"
36° 05′ 42.0″N 129° 27′ 30.0″E

Substitute Double solid line with land tint (breakwater) [F4.1] for double dashed line between
36° 05′ 54.0″N 129° 27′ 51.0″E
36° 05′ 22.0″N 129° 27′ 51.0″E

Change Characteristic of buoy "7" to Fl G 4s
36° 01′ 24.2″N 129° 25′ 37.5″E

Add Buoy "3" G, pillar, can topmark, Fl G 4s
36° 01′ 32.5″N 129° 27′ 17.5″E
(2(21), 6(97)13 Inchon)

95163 3Ed. 4/7/12 LAST NM N33/13 N48/13
Change Characteristic of buoy "No B" to L Fl 10s
36° 02′ 02.8″N 129° 27′ 23.7″E
(44(706)11 Inchon)

★95164 5Ed. 4/7/12 NEW EDITION N22/12
(NGA)

95164 5Ed. 4/7/12 LAST NM N22/12 N28/13
Add Buoy "No A" Y, pillar, "X" topmark [Q130.6]
35° 43′ 35.2″N 129° 29′ 33.7″E
Buoy "No B" Y, pillar, "X" topmark [Q130.6]
35° 43′ 18.1″N 129° 29′ 21.1″E
(4(60)13 Inchon)

★95167 12Ed. 2/25/12 NEW EDITION N20/12
(NGA)

95167 12Ed. 2/25/12 LAST NM N20/12 N32/13
Add Land tint to area bound by shore and solid line between 36° 00′ 56.3″N 129° 23′ 39.3″E
36° 01′ 04.1″N 129° 23′ 43.7″E
(20(349)13 Inchon)

95167 12Ed. 2/25/12 LAST NM N32/13 N33/13
Delete Buoy "3" 36° 01′ 30.0″N 129° 26′ 55.0″E

Change Characteristic of buoy "7" to Fl G 4s
36° 01′ 24.2″N 129° 25′ 37.5″E

Add Buoy "3" G, pillar, can topmark, Fl G 4s
36° 01′ 32.5″N 129° 27′ 17.5″E
(6(97)13 Inchon)

95167 12Ed. 2/25/12 LAST NM N33/13 N48/13
Add Vertical clearance [D20] 2 meters to bridge
36° 02′ 24.5″N 129° 22′ 16.3″E
(11(186)13 Inchon)

★95169 3Ed. 12/18/10 NEW EDITION N18/11
(NGA)

95169 3Ed. 12/18/10 LAST NM N18/11 N19/12
Delete Buoy "A" 38° 12′ 00.6″N 128° 36′ 04.0″E
Buoy "B" 38° 12′ 09.5″N 128° 35′ 58.4″E
Buoy "C" 38° 12′ 32.5″N 128° 36′ 04.3″E
(12(170)12 Inchon)

95169 3Ed. 12/18/10 LAST NM N19/12 N22/12
Add Light Fl(2) G 6s 10m 8M 38° 12′ 06.7″N 128° 35′ 52.3″E
Light Fl(2) R 6s 9m 8M 38° 12′ 08.5″N 128° 35′ 45.2″E
(16(222)12 Inchon)

★95171 2Ed. 5/7/11 NEW EDITION N34/11
(NGA)

95171 2Ed. 5/7/11 LAST NM N34/11 N46/11
Add Depth 13.8 meters Obstn (Fish haven) [K46.2]
36° 38′ 22.5″N 129° 25′ 46.1″E
(38(573)11 Inchon)

95171 2Ed. 5/7/11 LAST NM N46/11 N37/12
Change Height of light to 102m 36° 30′ 26.5″N 129° 27′ 03.0″E
(25(315)11 Inchon)

95171 2Ed. 5/7/11 LAST NM N37/12 N29/13
Delete Buoy ODAS 36° 43′ 08″N 129° 29′ 16″E
(38(593)12 Inchon)

★95172 2Ed. 8/17/13 NEW EDITION N45/13
(NGA)

★95173 3Ed. 2/5/11 NEW EDITION N34/11
(NGA)

95173 3Ed. 2/5/11 LAST NM N34/11 N27/13
Add Buoy ODAS [Q58] Y, spherical
37° 52′ 03″N 128° 53′ 08″E
(52(862)12 Inchon)

★95174 2Ed. 5/5/12 NEW EDITION N27/12
(NGA)

95174 2Ed. 5/5/12 LAST NM N27/12 N27/13
Add Buoy ODAS [Q58] Y, spherical
37° 52′ 02.6″N 128° 53′ 08.0″E
(52(862)12 Inchon)

★95176 2Ed. 2/24/01 NEW EDITION 23/01
(NIMA)

95176 2Ed. 2/24/01 LAST NM 23/01 39/01
Add Buoy Y, pillar, "X" topmark, Fl(4) Y 8s
37° 25′ 57.2″N 129° 11′ 46.5″E
(18(176)01 Inchon)

95176 2Ed. 2/24/01 LAST NM 39/01 16/02
Relocate Buoy from 37° 25′ 57.2″N 129° 11′ 46.5″E to
37° 25′ 54.9″N 129° 11′ 51.3″E
(See 39/01-95176)
(32(400)01 Inchon)

95176 2Ed. 2/24/01 LAST NM 16/02 20/02
Add Fish haven area with blue tint [K46.1] bound by dotted line (limiting danger line) joining
37° 24′ 47.0″N 129° 12′ 27.0″E
37° 24′ 51.0″N 129° 12′ 50.0″E
37° 24′ 35.0″N 129° 13′ 04.0″E
37° 24′ 31.0″N 129° 12′ 42.0″E
(31(371)01 Inchon)

95176 2Ed. 2/24/01 LAST NM 20/02 31/02
Add Fish haven area with blue tint [K46.1] bound by dotted line (limiting danger line) joining
37° 26′ 20.0″N 129° 11′ 40.0″E
37° 26′ 22.0″N 129° 11′ 53.0″E
37° 26′ 10.0″N 129° 11′ 58.0″E
37° 26′ 08.0″N 129° 11′ 42.0″E
(31(372), 32(398)01 Inchon)

95176 2Ed. 2/24/01 LAST NM 31/02 8/03
Delete Buoy 37° 25′ 54.9″N 129° 11′ 51.3″E
(See 16/02-95176)
(1(2)03 Inchon)

95176 2Ed. 2/24/01 LAST NM 8/03 11/03
Relocate Light from 37° 25′ 59.0″N 129° 11′ 44.7″E to
37° 25′ 56.7″N 129° 11′ 47.8″E

Add Double solid line with land tint (breakwater extension) between 37° 25′ 56.7″N 129° 11′ 47.8″E
37° 25′ 59.0″N 129° 11′ 44.7″E
(3(30, 31)03 Inchon)

95176 2Ed. 2/24/01 LAST NM 11/03 30/03
Delete Anchorage area "SECTION 1 ANCH" centered
37° 26′ 09.7″N 129° 11′ 45.0″E

Change Radius of anchorage area "SECTION 2 ANCH" from 80 meters to 200 meters centered
37° 26′ 10.2″N 129° 11′ 58.2″E

Add Anchorage area "SECTION 1 ANCH", radius 100 meters, centered 37° 26′ 09.2″N 129° 11′ 48.1″E
(50(659)00 Inchon)

95176 2Ed. 2/24/01 LAST NM 30/03 35/03
Delete Light 37° 25′ 56.7″N 129° 11′ 47.8″E
(See 11/03-95176)

Add Light Fl R 4s 12m 5M 37° 25′ 56.2″N 129° 11′ 48.1″E
(22(349)03 Inchon)

95176 2Ed. 2/24/01 LAST NM 35/03 21/08
Add "Fish Trap Area" with blue tint bound by dotted line (limiting danger line) joining
37° 24′ 14.0″N 129° 13′ 16.0″E
37° 24′ 20.0″N 129° 13′ 26.0″E
37° 24′ 16.0″N 129° 13′ 30.0″E
37° 24′ 10.0″N 129° 13′ 20.0″E
(51(396)01 Inchon)

95176 2Ed. 2/24/01 LAST NM 21/08 41/08
Relocate Buoy "No 1" from
37° 25′ 47.2″N 129° 11′ 49.5″E to
37° 25′ 42.9″N 129° 11′ 53.1″E
(1(1)02 Inchon)

95176 2Ed. 2/24/01 LAST NM 41/08 3/10
Add Depth 9.6 meters enclosed by depth contour (10-meter) centered 37° 27′ 29.9″N 129° 11′ 21.6″E
Depth 18.7 meters enclosed by depth contour (20-meter) centered 37° 25′ 48.6″N 129° 12′ 39.4″E
(ROK CH 153)

95176 2Ed. 2/24/01 LAST NM 3/10 11/10
Add Fish haven area with blue tint [K46.1] bound by dotted line (limiting danger line) joining
37° 23′ 18.5″N 129° 14′ 50.6″E
37° 23′ 28.7″N 129° 15′ 05.5″E
37° 23′ 13.8″N 129° 15′ 21.6″E
37° 23′ 03.6″N 129° 15′ 07.0″E
(4(60)07 Inchon)

95176 2Ed. 2/24/01 LAST NM 11/10 18/10
Delete Light 37° 25′ 56.2″N 129° 11′ 48.1″E

Add Double solid line with land tint (breakwater extension) between 37° 25′ 56.7″N 129° 11′ 47.8″E
37° 25′ 56.1″N 129° 11′ 49.7″E

Light Fl R 4s 16m 8M 37° 25′ 56.2″N 129° 11′ 49.7″E
(ROK CH 148)

95176 2Ed. 2/24/01 LAST NM 18/10 23/10
Delete "SECTION 2 ANCH" area centered
37° 26′ 10.2″N 129° 11′ 58.2″E

Change Legend to "A-I" 37° 26′ 09.2″N 129° 11′ 48.1″E

Add Anchorage area "A-II" [N12.2] bound by purple dashed-line circle, radius 150 meters, centered 37° 26′ 10.0″N 129° 12′ 00.0″E
(ROK CH 148)

★95177 2Ed. 9/19/09 NEW EDITION N43/09
(NGA)

95177 2Ed. 9/19/09 LAST NM N43/09 N30/10
Add Buoy WBuW, pillar 35° 58′ 54.6″N 129° 33′ 47.4″E
(24(328)10 Inchon)

95177 2Ed. 9/19/09 LAST NM N30/10 N35/10
Add Light Fl 6s to buoy 35° 58′ 54.6″N 129° 33′ 47.4″E
(See 30/10-95177)
(30(429)10 Inchon)

95177 2Ed. 9/19/09 LAST NM N35/10 N38/10
Add Depth 35 meters Wk [K26] 35° 56′ 41.3″N 129° 33′ 36.2″E
(32(459)10 Inchon)

95177 2Ed. 9/19/09 LAST NM N38/10 N7/11
Add Solid line (breakwater) [F4.1] joining
35° 57′ 04.5″N 129° 32′ 42.9″E
35° 57′ 04.2″N 129° 32′ 44.3″E
35° 57′ 07.7″N 129° 32′ 47.4″E

Light Fl R 6s 14m 9M 35° 57′ 04.5″N 129° 32′ 43.2″E
(1(6)11 Inchon)

95177 2Ed. 9/19/09 LAST NM N7/11 N2/12
Add Light Fl G 5s 12m 6M 35° 56′ 35.9″N 129° 32′ 10.4″E
(42(639)11 Inchon)

★95180 13Ed. 4/30/11 NEW EDITION N50/11
Add Light Fl R 4s 14m 5M 36° 13.3′ N 129° 23.3′ E
(NGA; 28(370)11 Inchon)

95180 13Ed. 4/30/11 LAST NM N50/11 N1/12
Add Light Fl G 4s 14m 6M, Fl G 5s 12m 6M
36° 14.5′ N 129° 23.1′ E
(42(637)11 Inchon)

95180 13Ed. 4/30/11 LAST NM N1/12 N37/12
Change Light to Fl 5s 102m 19M 36° 30.4′ N 129° 27.1′ E
(1(1)06, 25(315)11 Inchon)

95180 13Ed. 4/30/11 LAST NM N37/12 N29/13
Delete Buoy ODAS 36° 42.9′ N 129° 29.3′ E

Change Visibility (range) of light to 23M 36° 25.5′ N 129° 26.0′ E
(38(593)12, 18(324)13 Inchon)

95180 13Ed. 4/30/11 LAST NM N29/13 N33/13
Add Fish haven symbol [K46.1] 36° 12.8′ N 129° 26.8′ E
(30(171)13 Inchon)

95180 13Ed. 4/30/11 LAST NM N33/13 N48/13
Delete Submarine pipeline between 36° 03.8′ N 129° 23.0′ E
36° 02.9′ N 129° 24.7′ E

Buoy 36° 03.0′ N 129° 24.7′ E
(38(580)07 Inchon; ROK CH 135)

★95185 4Ed. 6/23/12 NEW EDITION N44/12
(NGA)

★95200 7Ed. 1/12/13 NEW EDITION N17/13
(NGA)

★95202 6Ed. 7/28/12 NEW EDITION N42/12
(NGA)

★95203 4Ed. 6/18/94 NEW EDITION 30/94
Change Obscured sector of light to
160°-200° 39° 53.4′ N 127° 52.6′ E
133°-198° 39° 48.3′ N 127° 39.7′ E
(DMAHTC; BA LL)

95203 4Ed. 6/18/94 LAST NM 30/94 39/94
Change Light to Fl(2) 30s 49m 18M SIREN
39° 48.3′ N 127° 39.7′ E
Note: Obscured sector unchanged
(See 30/94-95203)
(5(13)94 Pyongyang)

★95230 4Ed. 8/11/12 NEW EDITION N44/12
(NGA)

★95243 4Ed. 6/18/94 NEW EDITION 30/94
(DMAHTC)

95243 4Ed. 6/18/94 LAST NM 30/94 34/94
Substitute Depth 549 meters for 452 meters 42° 13.2′ N 130° 43.5′ E
(MCC1376/94)

95243 4Ed. 6/18/94 LAST NM 34/94 3/95
Delete "WAITING AREA FOR FOREIGN VESSELS" in vicinity 42° 11.5′ N 130° 15.5′ E

Anchorage area in vicinity 42° 12.5′ N 130° 17.7′ E

Add Dashed line
joining 42° 12.6′ N 130° 17.3′ E
42° 12.6′ N 130° 18.4′ E
42° 12.1′ N 130° 18.4′ E
42° 12.1′ N 130° 17.2′ E
42° 12.6′ N 130° 17.3′ E

(continued on next page)

95243 (Continued) 3/95
joining 42° 07.9′ N 130° 13.4′ E
42° 07.9′ N 130° 15.4′ E
42° 06.0′ N 130° 14.2′ E
42° 06.0′ N 130° 12.2′ E
42° 07.9′ N 130° 13.4′ E

Anchorage symbol (large vessels) 42° 07.5′ N 130° 13.6′ E
42° 07.1′ N 130° 13.3′ E
42° 06.4′ N 130° 13.0′ E

Legend
"ANCH AREA" 42° 12.3′ N 130° 17.7′ E
"WAITING AREA FOR FOREIGN VESSELS" 42° 07.0′ N 130° 14.1′ E
(11(21)94 Pyongyang)

95243 4Ed. 6/18/94 LAST NM 3/95 47/99
Add Range light, front Oc WRG 4s 18-10M with sectors white 230°-300° 48′, green-310° 48′, white-320° 48′, red-330° 48′, white-050° 42° 19′ 07″N 130° 40′ 00″E

Range light, rear F 19M 42° 20′ 12″N 130° 38′ 36″E

Range line extending in 135° 48′ direction from above rear light
dashed for 7,800 meters, thence
solid for 19,425 meters

Legend "Lts 315° 48′" along above range line
42° 10′ 42″N 130° 51′ 30″E
(48(7510)98 St. Petersburg)

95243 4Ed. 6/18/94 LAST NM 47/99 15/04
Add Dangerous wreck [K28] (PA) 42° 20′ 42″N 130° 48′ 00″E
(39(6304)03 St. Petersburg)

★95244 5Ed. 6/11/94 NEW EDITION 28/94
Change Caution No 2 of CAUTIONS note to "2. Reserved." 42° 02.0′ N 129° 51.0′ E
(DMAHTC)

95244 5Ed. 6/11/94 LAST NM 28/94 3/95
Add Dashed line joining 42° 07′ 56″N 130° 13′ 23″E
42° 07′ 56″N 130° 15′ 24″E
42° 05′ 58″N 130° 14′ 12″E
42° 05′ 58″N 130° 12′ 15″E
42° 07′ 56″N 130° 13′ 23″E

Anchorage symbol (large vessels)
42° 07′ 33″N 130° 13′ 36″E
42° 07′ 05″N 130° 13′ 20″E
42° 06′ 25″N 130° 13′ 00″E

Legend
"WAITING AREA FOR FOREIGN VESSELS" 42° 07′ 00″N 130° 14′ 06″E
(11(21)94 Pyongyang)

★95245 4Ed. 6/11/94 NEW EDITION 30/94
(DMAHTC)

95245 4Ed. 6/11/94 LAST NM 30/94 3/95
Delete "WAITING AREA FOR FOREIGN VESSELS in vicinity 42° 11.5′ N 130° 15.5′ E

"ANCHORAGE AREA" in vicinity
42° 12.5′ N 130° 17.7′ E

Add Dashed line
joining 42° 12′ 34″N 130° 17′ 13″E
42° 12′ 34″N 130° 18′ 25″E
42° 12′ 07″N 130° 18′ 25″E
42° 12′ 07″N 130° 17′ 13″E
42° 12′ 34″N 130° 17′ 13″E

joining 42° 07′ 56″N 130° 13′ 23″E
42° 07′ 56″N 130° 15′ 23″E
42° 05′ 58″N 130° 14′ 12″E
42° 05′ 58″N 130° 12′ 15″E
42° 07′ 56″N 130° 13′ 23″E

Anchorage symbol (large vessels)
42° 07′ 33″N 130° 13′ 36″E
42° 07′ 05″N 130° 13′ 20″E
42° 06′ 25″N 130° 13′ 00″E

Legend
"ANCH AREA" 42° 12′ 21″N 130° 17′ 45″E
"WAITING AREA FOR FOREIGN VESSELS" 42° 07′ 00″N 130° 14′ 06″E
(11(21)94 Pyongyang)

95245 4Ed. 6/11/94 LAST NM 3/95 12/95
Delete Purple composite-line greater arc of a circle between 42° 18′ 16″N 130° 25′ 02″E
42° 18′ 10″N 130° 25′ 33″E

Add Superbuoy SBM 42° 18′ 28″N 130° 25′ 22″E

Purple composite-line greater arc of a circle, radius 600 meters,
centered 42° 18′ 28″N 130° 25′ 22″E
arc between 42° 18′ 16″N 130° 25′ 02″E
42° 18′ 10″N 130° 25′ 33″E
(12(22)94 Pyongyang)

95245 4Ed. 6/11/94 LAST NM 12/95 47/99
Add Range light, front Oc WRG 4s 18-10M with sectors white 230°-300° 48′, green-310° 48′, white-320° 48′, red-330° 48′, white-050° 42° 19′ 07.5″N 130° 40′ 00.8″E

Range light, rear F 19M 42° 20′ 12.0″N 130° 38′ 36.0″E

Range line extending in 135° 48′ direction from above rear light
dashed for 7,800 meters, thence
solid for 1,000 meters

Legend "Lts 315° 48′" along above range line
42° 17′ 09.0″N 130° 42′ 36.0″E
(48(7510)98 St. Petersburg)

★95246 2Ed. 6/25/94 NEW EDITION 30/94
Change Visibility (range) of light to 5M 41° 44.9′ N 129° 46.1′ E
(DMAHTC; BA LL)

★95250 4Ed. 7/12/97 NEW EDITION 44/97
Delete Fish haven symbol 41° 34.4′ N 139° 54.6′ E
Buoy "2" 40° 53.9′ N 139° 47.4′ E
Light 41° 46.6′ N 140° 46.0′ E

"Explosives...(disused)" area centered
40° 59.1′ N 139° 51.7′ E

Change Light to
Fl(2) G 6s 10m 5M 41° 32.8′ N 140° 55.2′ E
Mo(U) 10s 10m 11M SIREN Ra Ref
41° 48.2′ N 140° 39.2′ E
Mo(U) 12s 19m 13M HORN Ra Ref, FR
41° 35.2′ N 140° 26.1′ E
F Fl G 5s 15m 12/5M 40° 24.2′ N 139° 58.3′ E

Legend to "CAUTION NO 1" 41° 37.2′ N 140° 43.7′ E

Caution note to
"CAUTIONS
1. The submarine power cables between 41° 45′ 24′′ N 140° 31′ 30′′ E and 41° 27′ 48′′ N 140° 53′ 12′′ E could affect magnetic compasses.
2. Differences in latitude and longitude may exist between this and other charts of the area; therefore, the transfer of positions from one chart to another should be done by bearings and distances from common features."
39° 51.8′ N 140° 45.4′ E

Add Fish haven symbol 41° 31.3′ N 140° 52.7′ E
41° 04.8′ N 140° 38.9′ E
(NIMA; Jpn CH 10; BA CH 1340; Jpn LL)

95250 4Ed. 7/12/97 LAST NM 44/97 2/99
Add Fish haven symbol 41° 37′ 38″N 140° 28′ 23″E
(43(1778)98 Tokyo)

95250 4Ed. 7/12/97 LAST NM 2/99 9/99
Change Light to Fl(2) G 6s 13m 12M 41° 28.1′ N 140° 01.7′ E
(49(2116)97 Tokyo; Jpn LL)

95250 4Ed. 7/12/97 LAST NM 9/99 13/99
Change Light to Fl(2) R 6s 13m 10M 41° 26.2′ N 140° 51.7′ E
(50(2154)97 Tokyo)

95250 4Ed. 7/12/97 LAST NM 13/99 14/99
Change Light to lso R 6s 13m 12M,
Fl(2) G 6s 9m 6M, Fl G 3s 11m 6M
40° 47.2′ N 140° 12.7′ E
(51(2187)97 Tokyo; Jpn LL)

95250 4Ed. 7/12/97 LAST NM 14/99 22/99
Change Period of light to 20s 41° 15′ 30″N 140° 20′ 33″E
(8(330)98 Tokyo; Jpn LL)

95250 4Ed. 7/12/97 LAST NM 22/99 43/99
Add Wreck [K29] 41° 40′ 06″N 140° 40′ 06″E
(37(1522)99 Tokyo)

95250 4Ed. 7/12/97 LAST NM 43/99 1/00
Add Submarine cable [L30.1] joining
41° 37′ 06″N 140° 49′ 48″E
41° 37′ 54″N 140° 51′ 48″E
41° 38′ 00″N 140° 54′ 24″E
41° 37′ 18″N 140° 55′ 48″E
(42(1725)99 Tokyo)

95250 4Ed. 7/12/97 LAST NM 1/00 10/00
Delete Light 40° 39.0′ N 139° 55.4′ E

Add Fish haven symbol [K46.1] 40° 08.1′ N 139° 56.0′ E
Light Fl(3) R 10s 15m 9M 40° 38.9′ N 139° 55.4′ E

Light F Fl R 6s 11m 11/8M, F Fl G 6s 11/5M
40° 38.8′ N 139° 55.5′ E
(30(1255)98; 2(48)00 Tokyo; Jpn CH 1196)

95250 4Ed. 7/12/97 LAST NM 10/00 1/01
Change Light to F Fl G 3s 15m 12/5M 40° 35.0′ N 139° 52.7′ E

Add Light Fl(2) G 6s 11m 3M 41° 25.7′ N 140° 08.4′ E
(33(1162, 1164)00 Tokyo; Jpn LL)

95250 4Ed. 7/12/97 LAST NM 1/01 36/01
Add Fish haven symbol [K46.1] 41° 44.0′ N 140° 54.3′ E
(30(1154)01 Tokyo)

95250 4Ed. 7/12/97 LAST NM 36/01 12/02
Add Submarine cable [L30.1] joining 40° 11.6′ N 139° 57.2′ E
40° 11.5′ N 139° 58.1′ E
40° 12.1′ N 139° 58.7′ E

Danger circle "Wave meter" 40° 11.6′ N 139° 57.2′ E
(6(168)02 Tokyo)

95250 4Ed. 7/12/97 LAST NM 12/02 44/02
Delete Horn from light 41° 15.5′ N 140° 20.5′ E
(38(1310)02 Tokyo)

95250 4Ed. 7/12/97 LAST NM 44/02 1/03
Change Light to Fl R 5M 39° 45.6′ N 140° 02.3′ E
Light (Fl(2) 9M) to Fl(2) 3M 41° 33.0′ N 140° 54.8′ E
(46(1578, 1579)02 Tokyo)

95250 4Ed. 7/12/97 LAST NM 1/03 6/03
Change Light (Fl(3) R) to Fl R 3s 15m 4M 40° 38.9′ N 139° 55.4′ E
(49(1702)02 Tokyo)

95250 4Ed. 7/12/97 LAST NM 6/03 16/03
Add Fish haven symbol [K46.1] 40° 03.5′ N 139° 51.5′ E
(9(301)03 Tokyo)

95250 4Ed. 7/12/97 LAST NM 16/03 20/03
Change Light to Fl G 4s 15m 7M 41° 33.8′ N 140° 26.0′ E
Visibility (range) of light to 6M 40° 50.1′ N 140° 45.0′ E
(15(638)99, 13(449)03 Tokyo)

95250 4Ed. 7/12/97 LAST NM 20/03 22/03
Change Light to Fl R 3s 11m 8M & Fl(2) R 6s 17m 5M
41° 32.7′ N 139° 59.1′ E
(15(535)03 Tokyo; Jpn LL)

95250 4Ed. 7/12/97 LAST NM 22/03 36/03
Change Light to Fl WR 4s 12M 39° 51.5′ N 139° 49.2′ E
(16(583)03 Tokyo)

95250 4Ed. 7/12/97 LAST NM 36/03 19/04
Substitute Disused submarine cables [L32] for
submarine cables (4) between 41° 44.3′ N 140° 34.9′ E
41° 11.1′ N 140° 38.6′ E
(23(975)99 Tokyo)

95250 4Ed. 7/12/97 LAST NM 19/04 26/04
Add Submarine cable [L30.1] joining 41° 04.7′ N 139° 45.6′ E
41° 08.1′ N 139° 56.8′ E
41° 10.9′ N 139° 59.8′ E
41° 11.0′ N 140° 07.0′ E
41° 14.2′ N 140° 12.7′ E
41° 19.1′ N 140° 18.0′ E
41° 24.0′ N 140° 34.0′ E
41° 31.8′ N 140° 49.5′ E
41° 36.5′ N 140° 50.1′ E
41° 38.0′ N 140° 51.8′ E
(30(1264)99 Tokyo)

95250 4Ed. 7/12/97 LAST NM 26/04 31/04
Add Fish haven symbol [K46.1] 40° 06.1′ N 139° 54.7′ E
Fish haven symbol [K46.1] 40° 08.9′ N 139° 54.6′ E
(22(579)04 Tokyo)

95250 4Ed. 7/12/97 LAST NM 31/04 36/04
Add Light Fl R 3s 8m 3M 41° 14.2′ N 140° 23.6′ E
(39(1583)99 Tokyo)

95250 4Ed. 7/12/97 LAST NM 36/04 38/04
Substitute Disused submarine cable [L32] for
submarine cable between 40° 11.5′ N 139° 58.1′ E
40° 12.1′ N 139° 58.7′ E

Add Submarine cable [L30.1] between 40° 11.5′ N 139° 58.1′ E
40° 12.0′ N 139° 59.2′ E
(27(705)04 Tokyo)

95250 4Ed. 7/12/97 LAST NM 38/04 42/04
Delete Disused submarine cable between 40° 11.5′ N 139° 58.1′ E
40° 12.1′ N 139° 58.7′ E

(See 38/04-95250)
(35(910)04 Tokyo)

95250 4Ed. 7/12/97 LAST NM 42/04 44/04
Change Visibility (range) of light to 7M 40° 32.0′ N 139° 29.9′ E
(36(927)04 Tokyo)

95250 4Ed. 7/12/97 LAST NM 44/04 48/04
Change Visibility (range) of light to 8M 41° 11.9′ N 140° 26.2′ E
(24(641)04 Tokyo)

95250 4Ed. 7/12/97 LAST NM 48/04 7/05
Add Danger circle "Obstn" [K40] 39° 45.3′ N 139° 57.9′ E
(50(1296)04 Tokyo)

95250 4Ed. 7/12/97 LAST NM 7/05 8/05
Add Fish haven symbol [K46.1] 41° 40.4′ N 140° 33.8′ E
(1(1)05 Tokyo)

95250 4Ed. 7/12/97 LAST NM 8/05 17/05
Change Visibility (range) of light to 14M 41° 07.5′ N 140° 15.0′ E
(10(287)05 Tokyo)

95250 4Ed. 7/12/97 LAST NM 17/05 19/05
Add Fish haven symbol [K46.1] 41° 37.9′ N 140° 27.2′ E
(13(359)05 Tokyo)

95250 4Ed. 7/12/97 LAST NM 19/05 1/06
Change Light to Fl G 4s 13m 5M, Fl(2) G 7s 3M
40° 35.0′ N 139° 54.6′ E
(42(1244)05 Tokyo; Jpn LL)

95250 4Ed. 7/12/97 LAST NM 1/06 12/06
Delete Buoy 41° 02.5′ N 140° 53.5′ E

Add Fish haven symbol [K46.1] 40° 04.0′ N 139° 54.4′ E
(5(123, 124)06 Tokyo)

95250 4Ed. 7/12/97 LAST NM 12/06 19/06
Change Light to Fl G 4s 8m 3M 41° 31.3′ N 140° 00.2′ E
(1(1)06 Tokyo)

95250 4Ed. 7/12/97 LAST NM 19/06 8/07
Change Visibility (range) of light to 7M 41° 00.9′ N 140° 52.2′ E
(50(1494)06 Tokyo)

95250 4Ed. 7/12/97 LAST NM 8/07 16/08
Add Fish haven symbol [K46.1] 40° 23.9′ N 139° 57.3′ E
(6(191)08 Tokyo)

95250 4Ed. 7/12/97 LAST NM 16/08 17/08
Delete Buoy "1" 41° 03.0′ N 140° 41.7′ E
(51(1718)07 Tokyo)

95250 4Ed. 7/12/97 LAST NM 17/08 21/08
Change Light to Fl G 3s 16m 5M 41° 44.5′ N 140° 03.0′ E
(6(182)08 Tokyo; Jpn LL)

95250 4Ed. 7/12/97 LAST NM 21/08 32/08
Delete Ramark at light 41° 25.2′ N 140° 05.2′ E
(25(868)08 Tokyo)

95250 4Ed. 7/12/97 LAST NM 32/08 33/08
Delete Purple circle at light 41° 33.3′ N 140° 54.7′ E
(23(803)08 Tokyo)

95250 4Ed. 7/12/97 LAST NM 33/08 38/08
Change Light to Fl G 3s 15m 4M 40° 22.5′ N 140° 00.0′ E
(23(801)08 Tokyo; Jpn LL)

95250 4Ed. 7/12/97 LAST NM 38/08 21/09
Change Visibility (range) of light to 12M 41° 25.2′ N 140° 05.2′ E
Visibility (range) of light to 5M 41° 29.1′ N 140° 01.1′ E
(13(512)09 Tokyo)

95250 4Ed. 7/12/97 LAST NM 21/09 23/09
Delete Light 41° 48.1′ N 140° 04.4′ E
Light 41° 42.3′ N 140° 01.3′ E

Add Fish haven symbol [K46.1] 41° 46.7′ N 140° 03.0′ E

Submarine cable (power) [L31.1] joining
41° 44.0′ N 140° 48.7′ E
41° 42.5′ N 140° 45.3′ E
41° 41.8′ N 140° 44.7′ E
41° 35.3′ N 140° 44.9′ E
41° 34.5′ N 140° 45.1′ E
41° 30.5′ N 140° 49.1′ E
41° 29.4′ N 140° 49.9′ E
41° 29.1′ N 140° 50.3′ E
41° 28.1′ N 140° 51.5′ E
41° 28.0′ N 140° 52.2′ E
(8(301, 302), 13(511, 513)09 Tokyo)

95250 4Ed. 7/12/97 LAST NM 23/09 36/09
Delete Racon and HORN from light 41° 33.3′ N 140° 54.7′ E

Add Fish haven symbol [K46.1] 41° 05.7′ N 140° 15.5′ E
(22(926, 927)09 Tokyo)

95250 4Ed. 7/12/97 LAST NM 36/09 41/09
Change Light to Fl(2) R 5s 15m 4M 41° 29.6′ N 140° 00.8′ E
(Jpn LL)

95250 4Ed. 7/12/97 LAST NM 41/09 47/09
Delete Light (Fl(3) R) 40° 50.1′ N 140° 44.7′ E
(37(1594)09 Tokyo)

95250 4Ed. 7/12/97 LAST NM 47/09 2/10
Delete Danger circle "Wave meter" 41° 02.3′ N 140° 18.3′ E
Submarine cable in vicinity 41° 02.2′ N 140° 18.8′ E

Change Light to Fl R 3s 10m 7M 41° 02.2′ N 140° 19.2′ E
(Jpn CH W1159; Jpn LL)

95250 4Ed. 7/12/97 LAST NM 2/10 11/10
Change Visibility (range) of light to 5M 41° 25.3′ N 140° 05.7′ E
Light to Fl(3) 18s 36m 12M 41° 33.3′ N 140° 54.7′ E
(3(99, 107)10 Tokyo)

95250 4Ed. 7/12/97 LAST NM 11/10 15/10
Change Visibility (range) of light to 5/2M 41° 26.7′ N 140° 14.5′ E
Visibility (range) of light to 5/2M 41° 45.6′ N 140° 36.4′ E
(9(340, 342)10 Tokyo)

95250 4Ed. 7/12/97 LAST NM 15/10 38/10
Change Light to Iso 6s 36m 8M 41° 13.7′ N 140° 32.9′ E
(20(802)10 Tokyo)

95250 4Ed. 7/12/97 LAST NM 38/10 39/10
Change Visibility (range) of light to 5M 41° 28.1′ N 140° 01.7′ E
Visibility (range) of light to 5M 41° 26.7′ N 140° 02.0′ E
(15(594)10 Tokyo)

★**95255** 2Ed. 8/23/97 NEW EDITION 44/97
(NIMA)

95255 2Ed. 8/23/97 LAST NM 44/97 34/00
Add Chartlet A, depicting changes in hydrography, from Subsection I-2 37° 59′ 52.0″ N 139° 13′ 17.0″ E
Chartlet B, depicting changes in hydrography and topography, from Subsection I-2
37° 59′ 15.0″ N 139° 13′ 26.0″ E
Chartlet C, depicting changes in hydrography and topography, from Subsection I-2
37° 58′ 38.0″ N 139° 13′ 57.0″ E
(3(68)00 Tokyo)

95255 2Ed. 8/23/97 LAST NM 34/00 46/00
Change Visibility (range) of light to 10M
38° 01′ 08.2″ N 139° 13′ 51.4″ E
(Jpn LL)

95255 2Ed. 8/23/97 LAST NM 46/00 44/02
Delete Position circle "Y Lt" 38° 01′ 09.2″ N 139° 13′ 52.0″ E

Substitute Double solid line for double dashed line between 38° 01′ 11.5″ N 139° 13′ 53.4″ E
38° 01′ 09.2″ N 139° 13′ 52.0″ E

Add Position circle "Y Lt" 38° 01′ 11.2″ N 139° 13′ 52.8″ E
(33(1367)98 Tokyo)

95255 2Ed. 8/23/97 LAST NM 44/02 1/03
Add Position circle "SS" [T20] 37° 59′ 31.1″ N 139° 12′ 55.9″ E
(43(1461)02 Tokyo)

95255 2Ed. 8/23/97 LAST NM 1/03 7/03
Delete Position circle "Lt" 38° 00′ 34.8″ N 139° 14′ 34.6″ E

Change Legend to "R Lt" 38° 00′ 29.0″ N 139° 14′ 45.0″ E

Add Double solid line with land tint (breakwater extension) between 38° 00′ 34.6″ N 139° 14′ 29.2″ E
38° 00′ 34.8″ N 139° 14′ 34.6″ E

Position circle "G Lt" 38° 00′ 34.6″ N 139° 14′ 29.2″ E
(50(1747)02 Tokyo)

95255 2Ed. 8/23/97 LAST NM 7/03 13/03
Add Double solid line with land tint (breakwater) [F4.1] between 38° 00′ 40.2″ N 139° 14′ 28.2″ E
38° 00′ 35.5″ N 139° 14′ 19.8″ E

Position circle "(R Lt)" 38° 00′ 40.2″ N 139° 14′ 28.2″ E

Double solid line with land tint (breakwater) [F4.1] between 38° 00′ 27.5″ N 139° 14′ 49.4″ E
38° 00′ 29.5″ N 139° 14′ 52.9″ E

Position circle "(G Lt)" 38° 00′ 27.5″ N 139° 14′ 49.4″ E
(2(28)99 Tokyo; Jpn CH W1155B)

95255 2Ed. 8/23/97 LAST NM 13/03 31/04
Add Double solid line with land tint (jetty) [F14] 20 meters wide on centerline between
38° 00′ 39.6″ N 139° 15′ 16.5″ E
38° 00′ 41.5″ N 139° 15′ 19.9″ E

Double solid line with land tint (jetty) [F14] 20 meters wide on centerline between
38° 00′ 40.5″ N 139° 15′ 18.2″ E
38° 00′ 37.6″ N 139° 15′ 21.0″ E

(continued on next page)

95255 (Continued) 31/04
Double solid line with land tint (jetty) [F14] 5 meters wide on centerline between
38° 00′ 37.6″N 139° 15′ 21.0″E
38° 00′ 36.0″N 139° 15′ 22.5″E

Double solid line with land tint (jetty) [F14] 15 meters wide on centerline between
38° 00′ 50.3″N 139° 15′ 36.6″E
38° 00′ 51.8″N 139° 15′ 38.9″E

Double solid line with land tint (jetty) [F14] 15 meters wide on centerline between
38° 00′ 50.8″N 139° 15′ 38.9″E
38° 00′ 49.7″N 139° 15′ 39.1″E

Double solid line with land tint (jetty) [F14] 20 meters wide on centerline between
38° 00′ 59.7″N 139° 15′ 52.7″E
38° 01′ 01.4″N 139° 15′ 55.6″E

Double solid line with land tint (jetty) [F14] 20 meters wide on centerline between
38° 01′ 00.5″N 139° 15′ 55.0″E
38° 00′ 59.7″N 139° 15′ 55.9″E
(34(1375)99 Tokyo)

95255 2Ed. 8/23/97 LAST NM 31/04 15/05
Delete Purple dashed line between 38° 01′ 08.8″N 139° 13′ 52.3″E
38° 00′ 46.2″N 139° 14′ 10.6″E
Add Purple dashed line between 38° 01′ 10.9″N 139° 13′ 53.7″E
38° 00′ 46.2″N 139° 14′ 10.6″E
(7(199)05 Tokyo)

95255 2Ed. 8/23/97 LAST NM 15/05 24/09
Change Light to Fl R 3s 12m 5M 38° 01′ 08.2″N 139° 13′ 51.4″E
(Jpn LL)

95255 2Ed. 8/23/97 LAST NM 24/09 25/09
Change Light to Fl G 3s 12m 3M 38° 00′ 46.5″N 139° 14′ 10.8″E
(Jpn LL)

★**95258** 3Ed. 11/15/97 NEW EDITION 9/98
(NIMA)

95258 3Ed. 11/15/97 LAST NM 9/98 19/98
Delete "Caisson" area in vicinity 38° 57′ 02″N 139° 48′ 55″E

Add "Caissons" area bound by dashed line joining
38° 57′ 09.9″N 139° 49′ 20.8″E
38° 57′ 11.5″N 139° 49′ 21.6″E
38° 57′ 11.3″N 139° 49′ 22.5″E
38° 57′ 09.6″N 139° 49′ 21.7″E

Double solid line with land tint (detached breakwater) between
38° 56′ 58.6″N 139° 49′ 13.0″E
38° 57′ 03.1″N 139° 48′ 58.3″E
(10(424)98 Tokyo)

95258 3Ed. 11/15/97 LAST NM 19/98 45/01
Change Light to Fl 8s 41m 18M 38° 56′ 42.0″N 139° 49′ 16.5″E
(Jpn LL)

95258 3Ed. 11/15/97 LAST NM 45/01 6/03
Add Depth 3.3 meters 38° 54′ 50.6″N 139° 49′ 46.8″E
(48(1676)02 Tokyo)

95258 3Ed. 11/15/97 LAST NM 6/03 16/03
Delete Dredged "4.3 m(1972)" area in vicinity
38° 54′ 49.5″N 139° 49′ 44.5″E

Dashed line (caisson area) joining
38° 54′ 51.7″N 139° 49′ 40.5″E
38° 54′ 47.8″N 139° 49′ 44.1″E
38° 54′ 46.5″N 139° 49′ 42.0″E

Dredged "4m" area in vicinity
38° 54′ 45.8″N 139° 49′ 50.0″E
Dredged "4m" area in vicinity
38° 54′ 41.5″N 139° 49′ 51.0″E
Foul ground symbol 38° 54′ 48.8″N 139° 49′ 44.5″E

Depth 4.2 meters, blue tint and enclosing depth contour centered 38° 54′ 52.0″N 139° 49′ 45.0″E

Depth 4 meters, blue tint and enclosing depth contour centered 38° 54′ 49.0″N 139° 49′ 47.8″E
Depth 1.5 meters and enclosing depth contour centered 38° 54′ 45.8″N 139° 49′ 46.2″E

Depth 2.5 meters 38° 54′ 42.4″N 139° 49′ 48.5″E

Substitute Depth 4.4 meters for 3.6 meters
38° 54′ 38.8″N 139° 49′ 49.5″E

Add Depth 4.4 meters 38° 54′ 53.0″N 139° 49′ 44.5″E
Depth 7.2 meters 38° 54′ 52.2″N 139° 49′ 42.0″E
Depth 4.4 meters 38° 54′ 51.5″N 139° 49′ 44.5″E
Depth 7.6 meters 38° 54′ 51.2″N 139° 49′ 40.2″E
Depth 3.3 meters 38° 54′ 50.4″N 139° 49′ 46.7″E
Depth 6.1 meters 38° 54′ 49.5″N 139° 49′ 42.8″E
Depth 5.8 meters 38° 54′ 48.8″N 139° 49′ 47.0″E
Depth 4.4 meters 38° 54′ 48.3″N 139° 49′ 48.8″E
Depth 5.8 meters 38° 54′ 46.3″N 139° 49′ 46.0″E
Depth 5.5 meters 38° 54′ 45.4″N 139° 49′ 43.9″E
Depth 5.5 meters 38° 54′ 44.5″N 139° 49′ 48.0″E
Depth 4.1 meters 38° 54′ 44.0″N 139° 49′ 50.2″E
Depth 4.5 meters 38° 54′ 42.8″N 139° 49′ 47.8″E
Depth 2.9 meters 38° 54′ 37.2″N 139° 49′ 46.9″E
Depth 2.8 meters 38° 54′ 37.0″N 139° 49′ 49.1″E
(3(71)03 Tokyo)

95258 3Ed. 11/15/97 LAST NM 16/03 18/03
Delete Position circle and legend "24"
38° 54′ 50.2″N 139° 48′ 32.0″E
Lifeboat station symbol and legend "LSS"
38° 54′ 50.0″N 139° 48′ 35.5″E

Add Lifeboat station symbol [T12]
38° 54′ 47.0″N 139° 49′ 54.0″E
(9(300)03 Tokyo)

95258 3Ed. 11/15/97 LAST NM 18/03 25/05
Add Legend "Lesser depths reported" joining
38° 57′ 26.2″N 139° 48′ 50.4″E
38° 57′ 32.5″N 139° 49′ 04.4″E
38° 57′ 30.7″N 139° 49′ 18.5″E
(19(553)05 Tokyo)

95258 3Ed. 11/15/97 LAST NM 25/05 42/06
Delete RC 38° 56′ 46.5″N 139° 49′ 22.5″E
(36(1063)06 Tokyo)

95258 3Ed. 11/15/97 LAST NM 42/06 21/08
Add Double solid line with land tint (breakwater) [F4.1] joining
38° 56′ 08.2″N 139° 47′ 43.9″E
38° 56′ 09.7″N 139° 47′ 39.9″E
38° 56′ 10.3″N 139° 47′ 38.4″E

Double dashed line with land tint (breakwater) [F32] and legend "Under construction" between
38° 56′ 11.3″N 139° 47′ 35.8″E
38° 56′ 10.3″N 139° 47′ 38.4″E
(44(1313)05, 2(46)08 Tokyo)

95258 3Ed. 11/15/97 LAST NM 21/08 25/09
Delete Light 38° 56′ 42.0″N 139° 49′ 16.5″E

Add Light Fl 8s 41m 17M 38° 56′ 45.2″N 139° 48′ 58.2″E
(Jpn CH 1160; Jpn LL)

95258 3Ed. 11/15/97 LAST NM 25/09 40/09
Delete Anchorage area in vicinity 38° 56′ 24.4″N 139° 47′ 10.0″E

Add "QUARANTINE ANCHORAGE" area bound by purple dashed-line circle, radius 500 meters, centered 38° 57′ 04.3″N 139° 47′ 14.8″E
(Jpn CH W1160)

★**95259** 3Ed. 8/1/98 NEW EDITION 45/98
Change Caution note to
"CAUTION
Attention is called to the fact that in many cases pipelines are not buried, and charted depths may be decreased by up to two meters. Vessels are requested not to anchor or trawl in the vicinity of pipelines." 39° 54′ 29″N 139° 50′ 46″E
(NIMA; GIMM013/98)

95259 3Ed. 8/1/98 LAST NM 45/98 25/99
Delete Depth 9.3 meters 39° 52′ 29.0″N 139° 51′ 23.0″E
Delete Depth 9.6 meters
39° 52′ 31.4″N 139° 51′ 33.9″E
Delete Depth 10 meters 39° 52′ 30.0″N 139° 51′ 30.3″E
Delete Depth 10.1 meters 39° 52′ 28.4″N 139° 51′ 33.5″E
Delete Depth 10.4 meters 39° 52′ 25.0″N 139° 51′ 31.0″E
Delete Depth 10.2 meters 39° 52′ 25.3″N 139° 51′ 37.9″E
Delete Depth 10 meters 39° 52′ 23.0″N 139° 51′ 28.0″E
Delete Depth 10.4 meters 39° 52′ 22.5″N 139° 51′ 24.0″E

Substitute 9.4 meters for 10.3 meters 39° 52′ 25.5″N 139° 51′ 35.0″E

Add Depth 7.8 meters 39° 52′ 34.0″N 139° 51′ 39.6″E
Add Depth 8.7 meters 39° 52′ 31.5″N 139° 51′ 38.0″E
Add Depth 9 meters 39° 52′ 27.5″N 139° 51′ 42.5″E
Add Depth 9.2 meters 39° 52′ 23.2″N 139° 51′ 30.0″E
Add Depth 9.4 meters 39° 52′ 22.5″N 139° 51′ 25.7″E
(19(798)99 Tokyo)

95259 3Ed. 8/1/98 LAST NM 25/99 2/00
Add Chartlet A, depicting changes in hydrography and topography, from Subsection I-2
39° 51′ 46.0″N 139° 50′ 08.0″E
Chartlet B, depicting changes in hydrography, from Subsection I-2 39° 51′ 06.0″N 139° 50′ 08.0″E

Tick mark on border of chart
39° 51′ 24.0″N 139° 49′ 41.1″E
(40(1620)99 Tokyo; NIMA)

95259 3Ed. 8/1/98 LAST NM 2/00 50/04
Add Danger circle "Obstn" [K40]
39° 51′ 02.4″N 139° 51′ 43.2″E
Danger circle "Obstn" [K40]
39° 51′ 08.8″N 139° 50′ 14.3″E
Danger circle "Obstn" [K40]
39° 51′ 09.8″N 139° 49′ 59.7″E
(See 2/00-95259)
(40(1043)04 Tokyo)

95259 3Ed. 8/1/98 LAST NM 50/04 3/05
Delete Chimney symbol "(53)" 39° 52′ 28.0″N 139° 50′ 45.0″E
(44(1125)04 Tokyo)

95259 3Ed. 8/1/98 LAST NM 3/05 22/05
Delete Danger circle "Obstn" 39° 51′ 02.4″N 139° 51′ 43.2″E
Danger circle "Obstn" 39° 51′ 08.8″N 139° 50′ 14.3″E
Danger circle "Obstn" 39° 51′ 09.8″N 139° 49′ 59.7″E
(See 2/00, 50/04-95259)
(15(439)05 Tokyo)

95259 3Ed. 8/1/98 LAST NM 22/05 46/07
Add Danger circle [K40] "Obstns" (PA)
39° 51′ 24.0″N 139° 53′ 18.0″E
(9(270)07 Tokyo)

★95262 13Ed. 4/18/98 NEW EDITION 32/98
Delete Designation "4" from buoy 39° 45′ 30″N 140° 02′ 54″E

Double solid line and land tint between
39° 47′ 03″N 140° 01′ 18″E
39° 47′ 18″N 140° 01′ 30″E

Dashed line between 39° 45′ 31″N 140° 03′ 06″E
39° 45′ 38″N 140° 03′ 04″E

Legend "Under Construction" 39° 46′ 32″N 140° 00′ 54″E

Substitute Depth 17 meters Rk for 17.1 meters
39° 51′ 36″N 139° 52′ 56″E

Double solid line with land tint for double dashed line between 39° 46′ 29″N 140° 00′ 45″E
39° 46′ 33″N 140° 00′ 35″E

Solid line for dashed line between
39° 44′ 28″N 140° 03′ 06″E
39° 44′ 11″N 140° 03′ 11″E

Change Light to
F 48m 39° 51′ 39″N 139° 46′ 26″E
Mo(U) 15s 7M 39° 51′ 34″N 139° 51′ 29″E
Mo(U) 15s 31m 14M HORN Ra Ref
39° 51′ 27″N 139° 51′ 36″E
Mo(U) 15s 7M 39° 51′ 20″N 139° 51′ 38″E

Add Depth
23 meters Rk 39° 51′ 13.9″N 139° 52′ 55.5″E
17.5 meters Rk 39° 51′ 14.0″N 139° 53′ 51.9″E
20.5 meters Rk 39° 50′ 48.5″N 139° 53′ 51.7″E

Legend "Rk" to depth
9.7 meters 39° 50′ 55.0″N 139° 50′ 56.0″E
17.6 meters 39° 50′ 45.0″N 139° 51′ 14.5″E
9.1 meters 39° 52′ 30.0″N 139° 53′ 29.5″E

Double solid line with land tint (breakwater) 10 meters wide on centerline joining 39° 47′ 00.0″N 140° 01′ 17.0″E
39° 47′ 19.0″N 140° 01′ 26.0″E
39° 47′ 21.0″N 140° 01′ 35.0″E

Double solid line with land tint (breakwater) 26 meters wide on centerline between 39° 46′ 39.0″N 140° 00′ 36.0″E
39° 46′ 43.0″N 140° 00′ 32.0″E
(NIMA; GIMM014/98)

95262 13Ed. 4/18/98 LAST NM 32/98 6/99
Delete Buoy and legend "(Wave Meter) (R Lt)"
39° 44′ 20″N 140° 00′ 44″E

Add Danger circle "Wave Meter"
39° 44′ 16.4″N 140° 00′ 25.4″E

Submarine cable between 39° 44′ 20.0″N 140° 00′ 44.0″E
39° 44′ 16.4″N 140° 00′ 25.4″E
(50(2063)98 Tokyo)

95262 13Ed. 4/18/98 LAST NM 6/99 18/99
Add Solid line (breakwater)
between 39° 56′ 50″N 139° 43′ 08″E
39° 56′ 53″N 139° 43′ 10″E

between 39° 56′ 55″N 139° 43′ 11″E
39° 56′ 57″N 139° 43′ 12″E

between 39° 56′ 58″N 139° 43′ 13″E
39° 57′ 02″N 139° 43′ 14″E

between 39° 57′ 04″N 139° 43′ 15″E
39° 57′ 06″N 139° 43′ 16″E

between 39° 57′ 33″N 139° 42′ 58″E
39° 57′ 34″N 139° 42′ 54″E

joining 39° 57′ 28″N 139° 42′ 36″E
39° 57′ 27″N 139° 42′ 43″E
39° 57′ 32″N 139° 42′ 48″E
(5(189)98 Tokyo)

95262 13Ed. 4/18/98 LAST NM 18/99 41/02
Delete Depth 6 meters 39° 47′ 01.0″N 140° 02′ 05.0″E
Depth 8.8 meters 39° 46′ 46.0″N 140° 01′ 54.0″E
Depth 6.6 meters 39° 46′ 30.0″N 140° 02′ 05.0″E
Depth 9 meters 39° 46′ 14.0″N 140° 01′ 39.0″E

Substitute Depth 4.5 meters for 8.8 meters
39° 46′ 19.0″N 140° 02′ 00.0″E

Add Depth 11.2 meters 39° 46′ 56.0″N 140° 02′ 00.0″E
Depth 5.1 meters 39° 46′ 42.0″N 140° 01′ 52.0″E
Depth 9.7 meters 39° 46′ 44.0″N 140° 01′ 40.0″E
Depth 7.7 meters 39° 46′ 19.0″N 140° 01′ 40.0″E
(30(1253)98 Tokyo)

95262 13Ed. 4/18/98 LAST NM 41/02 46/02
Delete "Being Reclaimed" area in vicinity
39° 47′ 00.0″N 140° 02′ 18.0″E

Depth 4.2 meters 39° 47′ 32.0″N 140° 02′ 03.0″E
Depth 1.3 meters 39° 47′ 32.0″N 140° 02′ 15.0″E

Change Buoy to Y, pillar, (Y Lt) 39° 47′ 36.0″N 140° 00′ 54.0″E
Buoy to Y, pillar, (Y Lt) 39° 47′ 36.0″N 139° 59′ 30.0″E
Buoy to Y, pillar, (Y Lt) 39° 49′ 36.0″N 139° 56′ 42.0″E
Buoy to Y, pillar, (Y Lt) 39° 50′ 54.0″N 139° 55′ 42.0″E

Add Land tint to area bound by shore and solid line [F13] joining 39° 46′ 18.0″N 140° 02′ 11.0″E
39° 46′ 52.5″N 140° 02′ 00.5″E
39° 46′ 56.0″N 140° 02′ 20.0″E
39° 46′ 51.5″N 140° 02′ 22.0″E

(continued on next page)

95262 (Continued) 46/02
Land tint to area bound by shore and solid line
[F13] joining 39° 47′ 12.0″N 140° 02′ 27.5″E
39° 47′ 08.0″N 140° 02′ 03.0″E
39° 47′ 18.0″N 140° 02′ 01.5″E
39° 47′ 20.0″N 140° 02′ 09.5″E
39° 47′ 16.5″N 140° 02′ 10.0″E
39° 47′ 17.5″N 140° 02′ 16.0″E
39° 47′ 19.0″N 140° 02′ 16.5″E
39° 47′ 20.0″N 140° 02′ 18.0″E
39° 47′ 28.5″N 140° 02′ 15.0″E
39° 47′ 30.0″N 140° 02′ 22.0″E

Solid line (breakwater) joining
39° 47′ 28.5″N 140° 02′ 15.0″E
39° 47′ 27.0″N 140° 02′ 03.0″E
39° 47′ 27.8″N 140° 02′ 02.4″E

Solid line (breakwater) between
39° 47′ 18.0″N 140° 02′ 01.5″E
39° 47′ 29.9″N 140° 01′ 57.1″E

Solid line (breakwater) between
39° 47′ 08.0″N 140° 02′ 03.0″E
39° 47′ 06.0″N 140° 02′ 05.5″E

Double solid line with land tint (breakwater extension) between 39° 47′ 21.0″N 140° 01′ 35.0″E
39° 47′ 21.8″N 140° 01′ 41.4″E

Double solid line with land tint (breakwater extension) between 39° 47′ 00.0″N 140° 01′ 17.0″E
39° 46′ 56.5″N 140° 01′ 15.4″E

Position circle "R Lt" 39° 47′ 29.9″N 140° 01′ 57.1″E
Position circle "G Lt" 39° 47′ 27.8″N 140° 02′ 02.4″E
Position circle "Y Lt" 39° 46′ 56.5″N 140° 01′ 15.4″E
Depth 4 meters 39° 47′ 08.5″N 140° 02′ 17.5″E
Depth 7.6 meters 39° 47′ 04.0″N 140° 02′ 17.0″E
Depth 2 meters 39° 46′ 57.0″N 140° 02′ 24.0″E
(40(1658)98, 40(1373)02 Tokyo; Jpn CH W1192)

95262 13Ed. 4/18/98 LAST NM 46/02 1/03
Change Light to Fl R 5s 15m 5M 39° 45′ 35.0″N 140° 02′ 20.0″E
(46(1578)02 Tokyo)

95262 13Ed. 4/18/98 LAST NM 1/03 6/03
Add Double solid line with land tint (breakwater extension) between 39° 46′ 43.0″N 140° 00′ 32.0″E
39° 46′ 47.2″N 140° 00′ 26.9″E
(49(1701)02 Tokyo)

95262 13Ed. 4/18/98 LAST NM 6/03 9/03
Add Fish haven symbol [K46.1] 39° 49′ 27.0″N 139° 55′ 27.0″E
(2(37)03 Tokyo)

95262 13Ed. 4/18/98 LAST NM 9/03 27/03
Relocate Buoy from 39° 47′ 36.0″N 140° 00′ 54.0″E to
39° 47′ 35.0″N 140° 00′ 51.7″E
(See 46/02-95262)
(19(704)03 Tokyo)

95262 13Ed. 4/18/98 LAST NM 27/03 36/03
Change Light to Fl WR 4s 49m 12M
39° 51′ 31.0″N 139° 49′ 10.0″E
(16(583)03 Tokyo)

95262 13Ed. 4/18/98 LAST NM 36/03 7/05
Add Danger circle "Obstn" [K40]
39° 45′ 19.0″N 139° 57′ 54.0″E
(50(1296)04 Tokyo)

95262 13Ed. 4/18/98 LAST NM 7/05 10/05
Add Danger circle "Obstn" [K40]
39° 45′ 42.0″N 140° 00′ 54.0″E
(3(77)05 Tokyo)

95262 13Ed. 4/18/98 LAST NM 10/05 31/06
Delete Danger circle "Obstn" 39° 45′ 42.0″N 140° 00′ 54.0″E
(24(707)06 Tokyo)

95262 13Ed. 4/18/98 LAST NM 31/06 46/07
Add Danger circle [K40] "Obstns" (PA)
39° 51′ 24.0″N 139° 53′ 18.0″E
(9(270)07 Tokyo)

95262 13Ed. 4/18/98 LAST NM 46/07 16/08
Add Position circle "Y Lt" 39° 46′ 00.0″N 140° 01′ 27.9″E
Position circle "Y Lt" 39° 46′ 06.4″N 140° 01′ 18.5″E
(5(154)08 Tokyo)

★95263 1Ed. 9/1/11 NEW CHART N9/12
(NGA)

★95263 1Ed. 9/1/11 LAST NM N9/12 N10/13
Add Depth 534 meters 39° 00.8′ N 138° 31.1′ E
(NTM0004/2013)

★95263 1Ed. 9/1/11 LAST NM N10/13 N11/13
Add Depth 67 meters 38° 39.5′ N 139° 28.7′ E
(NTM0005/2012)

★95266 1Ed. 8/4/11 NEW CHART N5/12
(NGA)

★95267 6Ed. 12/27/03 NEW EDITION 15/04
(NGA)

95267 6Ed. 12/27/03 LAST NM 15/04 50/07
Add Fish haven symbol [K46.1] 37° 02′ 02″N 136° 42′ 56″E
(14(440)07 Tokyo)

95267 6Ed. 12/27/03 LAST NM 50/07 22/08
Add Foul ground symbol [K31] (PA)
36° 39′ 36″N 136° 35′ 36″E
Fish haven symbol [K46.1] 36° 59′ 29″N 136° 45′ 41″E
(16(489, 490)08 Tokyo)

95267 6Ed. 12/27/03 LAST NM 22/08 28/08
Change Light to Fl 8s 219m 20M 37° 19′ 30″N 136° 43′ 24″E
(16(491)08 Tokyo)

95267 6Ed. 12/27/03 LAST NM 28/08 32/08
Add Fish haven symbol [K46.1] 37° 03′ 16″N 136° 42′ 28″E
(26(897)08 Tokyo)

95267 6Ed. 12/27/03 LAST NM 32/08 37/09
Change Visibility (range) of light to 8M
36° 55′ 18″N 136° 45′ 18″E
(Jpn LL)

★95270 5Ed. 1/24/04 NEW EDITION 21/04
Add Danger circle "Obstn" [K40] 37° 31.8′ N 137° 23.0′ E
(NGA; 13(344)04 Tokyo)

95270 5Ed. 1/24/04 LAST NM 21/04 47/04
Delete Light 37° 24.1′ N 137° 14.7′ E

Add Light Iso R 4s 5M 37° 24.0′ N 137° 14.8′ E
(21(554)04 Tokyo)

95270 5Ed. 1/24/04 LAST NM 47/04 5/05
Change Visibility (range) of light to 7M 36° 49.2′ N 137° 23.5′ E
(44(1124)04 Tokyo)

95270 5Ed. 1/24/04 LAST NM 5/05 28/05
Add Fish haven symbol [K46.1] 37° 52.5′ N 138° 15.4′ E
(8(234)05 Tokyo)

95270 5Ed. 1/24/04 LAST NM 28/05 40/05
Add Fish haven symbol [K46.2] "(auth min 43m)"
38° 05.2′ N 138° 13.8′ E
(31(930)05 Tokyo)

95270 5Ed. 1/24/04 LAST NM 40/05 44/05
Change Light to Fl(2) G 6s 5M 36° 46.6′ N 137° 20.6′ E
(32(965)05 Tokyo)

95270 5Ed. 1/24/04 LAST NM 44/05 9/06
Add Depth 9.7 meters 37° 30.5′ N 137° 09.9′ E
(48(1453)05 Tokyo)

95270 5Ed. 1/24/04 LAST NM 9/06 33/06
Change Visibility (range) of light to 4M 36° 48.1′ N 137° 04.1′ E
(21(632)06 Tokyo)

95270 5Ed. 1/24/04 LAST NM 33/06 47/06
Change Light to Iso R 6s 8M 37° 18.1′ N 137° 09.2′ E

Add Legend "Fl(2) G 6s 5M" to light 37° 17.9′ N 137° 09.4′ E
(32(936)06 Tokyo)

95270 5Ed. 1/24/04 LAST NM 47/06 50/06
Change Visibility (range) of light to 4M 36° 51.7′ N 136° 59.5′ E
(26(757)06 Tokyo)

95270 5Ed. 1/24/04 LAST NM 50/06 52/06
Change Light to Fl(2) G 5s 12m 5M, Iso R 4s 12m 8M
36° 48.4′ N 137° 23.4′ E
(44(1305)06 Tokyo)

95270 5Ed. 1/24/04 LAST NM 52/06 21/08
Change Visibility (range) of light to 3M
38° 05′ 40″N 138° 15′ 13″E
(6(186)08 Tokyo)

95270 5Ed. 1/24/04 LAST NM 21/08 28/08
Change Light to Fl 8s 219m 20M 37° 19′ 30″N 136° 43′ 24″E
Light to Fl 3s 7M 37° 27′ 00″N 137° 21′ 36″E
(16(491, 492)08 Tokyo)

95270 5Ed. 1/24/04 LAST NM 28/08 32/08
Delete Ramark at light 37° 31′ 48″N 137° 19′ 36″E
(25(870)08 Tokyo)

95270 5Ed. 1/24/04 LAST NM 32/08 49/09
Add Submarine pipeline [L40.1] joining
36° 57′ 14″N 137° 25′ 24″E
36° 56′ 38″N 137° 26′ 00″E
36° 55′ 51″N 137° 26′ 08″E
(43(1836)09 Tokyo)

95270 5Ed. 1/24/04 LAST NM 49/09 38/10
Change Visibility (range) of light to 7M
37° 06′ 33″N 137° 59′ 34″E
(17(680)10 Tokyo)

95270 5Ed. 1/24/04 LAST NM 38/10 47/10
Change Visibility (range) of light to 4M
36° 55′ 18″N 137° 01′ 48″E
Visibility (range) of light to 5M
36° 54′ 42″N 137° 01′ 24″E
Visibility (range) of light to 5M
36° 53′ 00″N 136° 59′ 48″E

Visibility (range) of light (Fl 3s) to 8M
36° 51′ 54″N 136° 59′ 42″E

Visibility (range) of light to 7M
36° 48′ 06″N 137° 04′ 30″E

Visibility (range) of light to 12-10M
36° 47′ 30″N 137° 04′ 24″E

Visibility (range) of light to 3M
36° 45′ 42″N 137° 11′ 36″E
Visibility (range) of light to 7M
36° 45′ 30″N 137° 18′ 00″E

Light to Fl(2) G 5s 12m 5M,
Fl(2) R 5s 12m 3M 36° 48′ 24″N 137° 23′ 24″E

Visibility (range) of light to 9M
36° 55′ 30″N 137° 25′ 36″E

Visibility (range) of light (Fl(2) 11s) to 12M
36° 58′ 18″N 137° 35′ 12″E
(Jpn LL)

95270 5Ed. 1/24/04 LAST NM 47/10 50/10
Add Light Fl G 4s 7m 3M 36° 51′ 54″N 137° 24′ 48″E
(Jpn LL)

★95271 5Ed. 10/10/09 CHART CANCELED N5/13
(NGA)

★95274 4Ed. 1/10/04 NEW EDITION 15/04
Add Danger circle "Obstn" [K40] 37° 57′ 00″N 139° 02′ 12″E
(NGA; 2(40)04 Tokyo)

95274 4Ed. 1/10/04 LAST NM 15/04 25/04
Add Submarine cable [L30.1] joining
37° 34′ 00″N 137° 59′ 00″E
37° 21′ 00″N 138° 06′ 00″E
37° 10′ 12″N 138° 13′ 24″E
(28(1199)99 Tokyo)

95274 4Ed. 1/10/04 LAST NM 25/04 36/04
Change Visibility (range) of light to 4M
37° 57′ 39″N 138° 20′ 06″E
(39(1582)99 Tokyo; Jpn LL)

95274 4Ed. 1/10/04 LAST NM 36/04 41/04
Change Visibility (range) of light to 4M
37° 57′ 20″N 139° 04′ 14″E
(43(1741)99 Tokyo; Jpn LL)

95274 4Ed. 1/10/04 LAST NM 41/04 1/05
Add Light Fl R 4s 4M 37° 13′ 21″N 138° 16′ 11″E
(45(1151)04 Tokyo)

95274 4Ed. 1/10/04 LAST NM 1/05 2/05
Add Fish haven symbol with minimum depth
24.5 meters [K46.2] 37° 59′ 52″N 139° 07′ 58″E
(47(1210)04 Tokyo)

95274 4Ed. 1/10/04 LAST NM 2/05 15/05
Add Fish haven symbol [K46.1] 38° 26′ 22″N 139° 14′ 35″E
(7(200)05 Tokyo)

95274 4Ed. 1/10/04 LAST NM 15/05 28/05
Delete Light 37° 13′ 21″N 138° 16′ 11″E
(Supersedes 1/05-95274)

Add Fish haven symbol [K46.1] 37° 52′ 27″N 138° 15′ 24″E
(8(234), 22(634)05 Tokyo)

95274 4Ed. 1/10/04 LAST NM 28/05 40/05
Add Fish haven symbol [K46.2] "(auth min 43m)"
38° 05′ 13″N 138° 13′ 46″E
(31(930)05 Tokyo)

95274 4Ed. 1/10/04 LAST NM 40/05 44/05
Change Light to Fl R 3s 5M 38° 12′ 06″N 138° 20′ 22″E
(32(966)05 Tokyo)

95274 4Ed. 1/10/04 LAST NM 44/05 1/06
Delete Light 37° 44′ 30″N 138° 47′ 36″E

Add Light Fl(2) R 5M 37° 44′ 39″N 138° 47′ 33″E
(42(1243)05 Tokyo)

95274 4Ed. 1/10/04 LAST NM 1/06 47/06
Change Light to Fl(2) R 5s 5M 38° 05′ 24″N 138° 26′ 24″E
Visibility (range) of light to 3M
38° 05′ 21″N 138° 26′ 19″E
(32(937)06 Tokyo)

95274 4Ed. 1/10/04 LAST NM 47/06 3/07
Change Visibility (range) of light to 5M
37° 58′ 36″N 138° 15′ 57″E
(43(1260)06 Tokyo)

95274 4Ed. 1/10/04 LAST NM 3/07 4/07
Change Light to Fl G 4s 12m 3M 37° 48′ 42″N 138° 16′ 25″E
(41(1199)06 Tokyo)

95274 4Ed. 1/10/04 LAST NM 4/07 45/07
Change Visibility (range) of light to 13M
38° 11′ 48″N 138° 19′ 42″E
Visibility (range) of light to 13M
38° 15′ 00″N 138° 24′ 00″E
(37(1238)07 Tokyo)

95274 4Ed. 1/10/04 LAST NM 45/07 21/08
Change Light to Fl(2) R 5s 3M 37° 32′ 31″N 138° 40′ 53″E
Visibility (range) of light to 3M
38° 05′ 40″N 138° 15′ 13″E
(6(184, 186)08 Tokyo)

95274 4Ed. 1/10/04 LAST NM 21/08 27/08
Delete Ramark at light 38° 19′ 54″N 138° 30′ 42″E
(21(711)08 Tokyo)

95274 4Ed. 1/10/04 LAST NM 27/08 24/09
Change Visibility (range) of light to 5M
38° 01′ 08″N 139° 13′ 51″E
(Jpn LL)

95274 4Ed. 1/10/04 LAST NM 24/09 25/09
Change Light to Fl G 3s 3M 38° 00′ 42″N 139° 14′ 12″E
(Jpn LL)

95274 4Ed. 1/10/04 LAST NM 25/09 26/09
Change Visibility (range) of light to 12M
38° 01′ 18″N 138° 33′ 08″E
(21(880)09 Tokyo)

95274 4Ed. 1/10/04 LAST NM 26/09 38/09
Change Light to Oc(2) 6s 56m 12M, F 38° 11′ 48″N 138° 19′ 42″E
Visibility (range) of light to 12M
38° 15′ 00″N 138° 24′ 00″E
Visibility (range) of light to 12M
38° 12′ 15″N 138° 29′ 30″E
(25(1066, 1067)09 Tokyo)

95274 4Ed. 1/10/04 LAST NM 38/09 38/10
Change Visibility (range) of light to 7M
37° 06′ 33″N 137° 59′ 34″E
(17(680)10 Tokyo)

95274 4Ed. 1/10/04 LAST NM 38/10 39/10
Change Visibility (range) of light to 3M
37° 56′ 55″N 139° 04′ 07″E
(32(1232)10 Tokyo)

★**95277** 1Ed. 9/20/12 NEW CHART N5/13
(NGA)

★**95278** 1Ed. 8/2/12 NEW CHART N1/13
(NGA)

★**95279** 1Ed. 8/18/11 NEW CHART N5/12
(NGA)

★**95280** 10Ed. 12/27/03 NEW EDITION 21/04
(NGA)

95280 10Ed. 12/27/03 LAST NM 21/04 34/04
Change Visibility (range) of light (Fl G) to 3M
35° 35′ 41″N 134° 19′ 07″E
Visibility (range) of light (Fl R) to 8M
35° 35′ 36″N 134° 19′ 18″E
(16(434)04 Tokyo)

95280 10Ed. 12/27/03 LAST NM 34/04 13/05
Change Visibility (range) of light to 4M
35° 37′ 21″N 134° 25′ 51″E
(1(6)05 Tokyo)

95280 10Ed. 12/27/03 LAST NM 13/05 53/05
Change Visibility (range) of light to 10M
35° 56′ 05″N 135° 59′ 31″E
Light to 2 Fl RY 3M 35° 40′ 12″N 134° 39′ 54″E
Visibility (range) of light (Fl R) to 3M
35° 35′ 46″N 134° 19′ 11″E
Light (Oc R) to Fl(2) R 6s 10m 3M
35° 34′ 53″N 134° 17′ 16″E
(43(1275), 44(1312), 45(1335, 1339)05 Tokyo)

95280 10Ed. 12/27/03 LAST NM 53/05 19/06
Delete Light 36° 02′ 36″N 136° 00′ 35″E
Change Visibility (range) of light to 4M
35° 39′ 00″N 134° 50′ 30″E
(1(3, 4)06 Tokyo)

95280 10Ed. 12/27/03 LAST NM 19/06 27/06
Change Visibility (range) of light to 13M
35° 37′ 24″N 134° 25′ 41″E
Visibility (range) of light to 12M
35° 37′ 00″N 134° 23′ 07″E
Visibility (range) of light to 9/5M
35° 36′ 55″N 134° 23′ 07″E
Visibility (range) of light to 13M
35° 38′ 05″N 134° 26′ 20″E
Add Light F Fl G 5s 7/3M 35° 39′ 21″N 134° 30′ 02″E
(12(369, 370)06 Tokyo)

95280 10Ed. 12/27/03 LAST NM 27/06 35/06
Change Light to Fl R 5s 12m 3M 35° 39′ 21″N 134° 39′ 53″E
Light to Fl(2) R 6s 15m 7M 35° 45′ 43″N 135° 10′ 49″E
(46(1366), 49(1464)05 Tokyo)

95280 10Ed. 12/27/03 LAST NM 35/06 52/06
Change Light to Fl 5s 33m 7M 35° 32′ 34″N 134° 11′ 02″E
Light to Fl(2) R 6s 13m 5M 35° 32′ 48″N 134° 11′ 08″E
(44(1300, 1301)06 Tokyo)

95280 10Ed. 12/27/03 LAST NM 52/06 2/07
Change Light to Fl(2) G 7s 11m 3M 35° 56′ 57″N 135° 59′ 07″E
(42(1226)06 Tokyo)

95280 10Ed. 12/27/03 LAST NM 2/07 11/08
Change Light to Fl R 3s 5M 35° 39′ 56″N 135° 17′ 15″E
(48(1591)07 Tokyo)

95280 10Ed. 12/27/03 LAST NM 11/08 20/08
Change Light to Fl(2) R 6s 5M 36° 06′ 48″N 136° 02′ 54″E
(5(150)08 Tokyo)

95280 10Ed. 12/27/03 LAST NM 20/08 27/08
Delete Ramark at light 35° 46′ 36″N 135° 13′ 24″E
(21(709)08 Tokyo)

95280 10Ed. 12/27/03 LAST NM 27/08 28/08
Change Light to Fl R 3s 11m 5M 35° 34′ 43″N 135° 27′ 00″E
(21(708)08 Tokyo)

95280 10Ed. 12/27/03 LAST NM 28/08 24/09
Change Visibility (range) of light to 7/4M
35° 39′ 00″N 134° 54′ 06″E
Visibility (range) of light to 4M
35° 40′ 22″N 134° 57′ 46″E
(Jpn LL)

95280 10Ed. 12/27/03 LAST NM 24/09 26/09
Change Visibility (range) of light to 5/2M
35° 39′ 20″N 134° 38′ 15″E
(11(442)09 Tokyo)

95280 10Ed. 12/27/03 LAST NM 26/09 17/10
Change Visibility (range) of light (F Fl G) to 5/2M
35° 32′ 49″N 134° 11′ 30″E
Visibility (range) of light (Oc) to 14M
35° 35′ 45″N 134° 18′ 59″E
Add Depth 290 meters 36° 02′ 49″N 134° 10′ 51″E
(NTM0001/2010; 10(394)10 Tokyo)

95280 10Ed. 12/27/03 LAST NM 17/10 51/10
Change Visibility (range) of light to 7M
35° 33′ 09″N 135° 30′ 06″E
Visibility (range) of light to 4M
35° 30′ 00″N 135° 34′ 57″E
Light to F Fl G 5s 13m 5/2M 35° 34′ 12″N 135° 27′ 18″E
Light to Fl(2) G 6s 12m 3M 35° 29′ 48″N 135° 34′ 24″E
Light to Fl 3s 27m 10M & Oc G 5s 15m 5M
35° 29′ 48″N 135° 33′ 12″E
(Jpn LL)

95280 10Ed. 12/27/03 LAST NM 51/10 2/11
Change Visibility (range) of light to 19M
35° 32′ 49″N 135° 20′ 25″E
Visibility (range) of light to 9M
35° 32′ 30″N 135° 49′ 38″E
(Jpn LL)

★95281 15Ed. 1/17/98 NEW EDITION 26/98
(Plan)
Add Legend "SEE CAUTION" 35° 39′ 44″N 136° 03′ 45″E

Caution note
"CAUTION
Depths of up to 1.6 meters less than
charted may exist along berths A thru C,
including the entire east and west pier
faces." 35° 39′ 42″N 136° 01′ 48″E
(NIMA; 11(492)98 Tokyo)

95281 15Ed. 1/17/98 LAST NM 26/98 51/98
(And Plan)
Relocate Position circle "Y Lt" close W to
35° 40′ 46.3″N 136° 03′ 45.2″E

Substitute Double solid line with land tint for
double dashed line between 35° 40′ 46.3″N 136° 03′ 45.2″E
35° 40′ 46.3″N 136° 03′ 53.3″E
(45(1953)97 Tokyo)

95281 15Ed. 1/17/98 LAST NM 51/98 18/99
(Plan)
Delete Depth 13.1 meters 35° 40′ 26″N 136° 04′ 27″E

Add Depth
12.4 meters 35° 40′ 25.2″N 136° 04′ 26.2″E
14.2 meters Foul 35° 40′ 26.0″N 136° 04′ 22.9″E

Foul ground symbol 35° 40′ 26.2″N 136° 04′ 23.8″E
(9(341)99 Tokyo)

95281 15Ed. 1/17/98 LAST NM 18/99 5/00
Delete Depth 28.5 meters 35° 48′ 16.0″N 136° 00′ 14.0″E

Substitute Depth 19.2 meters Rk for 19.5 meters Rk
35° 48′ 19.8″N 136° 00′ 09.5″E

Add Depth 22 meters [I10] 35° 48′ 17.0″N 136° 00′ 13.0″E
(50(1978)99 Tokyo)

95281 15Ed. 1/17/98 LAST NM 5/00 7/03
(Plan)
Add Buoy "A" Y, pillar, "X" topmark, Fl Y 4s
35° 39′ 53.0″N 136° 03′ 29.1″E
Buoy "B" Y, pillar, "X" topmark, Fl Y 4s
35° 40′ 04.2″N 136° 03′ 29.1″E
Buoy "C" Y, pillar, "X" topmark, Fl Y 4s
35° 40′ 15.4″N 136° 03′ 29.1″E
Buoy "D" Y, pillar, "X" topmark, Fl Y 4s
35° 40′ 15.4″N 136° 03′ 39.9″E
Buoy "E" Y, pillar, "X" topmark, Fl Y 4s
35° 40′ 15.4″N 136° 03′ 50.6″E
Buoy "F" Y, pillar, "X" topmark, Fl Y 4s
35° 40′ 15.4″N 136° 04′ 01.3″E
Buoy "G" Y, pillar, "X" topmark, Fl Y 4s
35° 40′ 09.3″N 136° 04′ 06.1″E
Buoy "H" Y, pillar, "X" topmark, Fl Y 4s
35° 40′ 04.1″N 136° 04′ 10.2″E
Buoy "I" Y, pillar, "X" topmark, Fl Y 4s
35° 40′ 04.0″N 136° 04′ 21.1″E
(51(1780)02 Tokyo)

95281 15Ed. 1/17/98 LAST NM 7/03 10/03
Substitute Danger circle [K1] "Wave Meter" for buoy
35° 41′ 16.5″N 136° 04′ 36.0″E

(Plan)
Substitute Danger circle [K1] "Wave Meter" for buoy
35° 41′ 16.5″N 136° 04′ 36.0″E

Add Position circle "(R Lt)" 35° 40′ 52.7″N 136° 04′ 45.8″E
(4(106)03 Tokyo)

95281 15Ed. 1/17/98 LAST NM 10/03 14/03
Add Solid line (breakwater) [F4.1] between
35° 44′ 03.2″N 136° 02′ 31.4″E
35° 44′ 05.4″N 136° 02′ 29.6″E
(8(264)03 Tokyo)

95281 15Ed. 1/17/98 LAST NM 14/03 36/03
(Plan A)
Relocate Buoy "G" from
35° 40′ 09.3″N 136° 04′ 06.1″E to
35° 40′ 12.1″N 136° 04′ 08.5″E
Buoy "H" from
35° 40′ 04.1″N 136° 04′ 10.2″E to
35° 40′ 05.6″N 136° 04′ 12.3″E
(See 7/03-95281)
(18(666)03 Tokyo)

95281 15Ed. 1/17/98 LAST NM 36/03 45/03
(Plan)
Add "Being Reclaimed (2003)" area bound by
breakwater and dashed line joining
35° 39′ 51.2″N 136° 04′ 00.2″E
35° 39′ 57.5″N 136° 04′ 00.2″E
35° 39′ 57.3″N 136° 04′ 09.8″E
35° 39′ 52.1″N 136° 04′ 09.9″E

Solid line (breakwater) between
35° 40′ 02.4″N 136° 04′ 00.3″E
35° 39′ 57.5″N 136° 04′ 00.3″E

Double solid line with land tint (breakwater)
[F4.1] between 35° 39′ 27.6″N 136° 03′ 17.5″E
35° 39′ 28.1″N 136° 03′ 22.4″E

Double solid line with land tint (breakwater)
[F4.1] between 35° 39′ 28.4″N 136° 03′ 23.4″E
35° 39′ 28.6″N 136° 03′ 25.5″E
(20(742)03 Tokyo)

95281 15Ed. 1/17/98 LAST NM 45/03 26/05
Add Solid line (breakwater) [F4.1] joining
35° 40′ 05.5″N 136° 03′ 53.5″E
35° 40′ 05.2″N 136° 03′ 48.0″E
35° 40′ 05.0″N 136° 03′ 45.5″E
35° 39′ 55.5″N 136° 03′ 45.7″E
35° 39′ 55.0″N 136° 03′ 46.2″E
35° 39′ 53.2″N 136° 03′ 46.2″E
35° 39′ 50.5″N 136° 03′ 44.4″E

Buoy "A" Y, pillar, "X" topmark, Fl Y 4s
35° 40′ 15.4″N 136° 03′ 45.3″E
Buoy "B" Y, pillar, "X" topmark, Fl Y 4s
35° 40′ 15.4″N 136° 04′ 01.3″E

(Plan)
Delete Buoy "A" 35° 39′ 53.0″N 136° 03′ 29.1″E
Buoy "B" 35° 40′ 04.2″N 136° 03′ 29.1″E
Buoy "C" 35° 40′ 15.4″N 136° 03′ 29.1″E
Buoy "D" 35° 40′ 15.4″N 136° 03′ 39.9″E
Buoy "E" 35° 40′ 15.4″N 136° 03′ 50.6″E

Relocate Buoy "G" from
35° 40′ 12.1″N 136° 04′ 08.5″E to
35° 40′ 09.3″N 136° 04′ 06.1″E
and change designation to "C"

Buoy "H" from
35° 40′ 05.6″N 136° 04′ 12.3″E to
35° 40′ 04.1″N 136° 04′ 10.2″E
and change designation to "D"

Change Designation of buoy "F" to "B"
35° 40′ 15.4″N 136° 04′ 01.3″E
Designation of buoy "I" to "E"
35° 40′ 04.0″N 136° 04′ 21.1″E

Add Buoy "A" Y, pillar, "X" topmark, Fl Y 4s
35° 40′ 15.4″N 136° 03′ 45.3″E

Double solid line with land tint (breakwater)
[F4.1] joining 35° 40′ 05.5″N 136° 03′ 53.5″E
35° 40′ 05.2″N 136° 03′ 48.0″E
35° 40′ 05.0″N 136° 03′ 45.5″E
35° 39′ 55.5″N 136° 03′ 45.7″E
35° 39′ 55.0″N 136° 03′ 46.2″E
35° 39′ 53.2″N 136° 03′ 46.2″E
35° 39′ 50.5″N 136° 03′ 44.4″E
(20(569)05 Tokyo)

95281 15Ed. 1/17/98 LAST NM 26/05 47/05
Substitute Solid line [F13] for dashed line in vicinity
35° 39′ 48.0″N 136° 04′ 12.0″E
and add land tint to area bound by shore and
above solid line

(continued on next page)

95281 (Continued) 47/05

(Plan)

Substitute Solid line [F13] for dashed line in vicinity
35° 39′ 48.0″N 136° 04′ 12.0″E
and add land tint to area bound by shore and above solid line
Note: Reclamation completed

Add Land tint to area bound by shore and solid line [F13] joining
35° 39′ 44.0″N 136° 04′ 20.5″E
35° 39′ 44.0″N 136° 04′ 19.7″E
35° 39′ 43.7″N 136° 04′ 20.7″E

Position circle "Y Lt" 35° 39′ 44.0″N 136° 04′ 19.7″E
(31(925)05 Tokyo)

95281 15Ed. 1/17/98 LAST NM 47/05 22/08

Delete Buoy "A" 35° 40′ 15.4″N 136° 03′ 45.3″E
Buoy "B" 35° 40′ 15.4″N 136° 04′ 01.3″E

Add "Under construction (2008)" area [F31] bound by shore, breakwater and dashed line joining
35° 41′ 14.7″N 136° 05′ 02.5″E
35° 41′ 09.9″N 136° 05′ 06.9″E
35° 41′ 05.9″N 136° 05′ 07.5″E
35° 41′ 00.7″N 136° 05′ 05.4″E
35° 40′ 57.1″N 136° 05′ 02.7″E

(Plan)

Delete Buoy "A" 35° 40′ 15.4″N 136° 03′ 45.3″E
Buoy "B" 35° 40′ 15.4″N 136° 04′ 01.3″E
Buoy "C" 35° 40′ 09.3″N 136° 04′ 06.1″E
Buoy "D" 35° 40′ 04.1″N 136° 04′ 10.2″E
Buoy "E" 35° 40′ 04.0″N 136° 04′ 21.1″E

Add "Under construction (2008)" area [F31] bound by shore, breakwater and dashed line joining
35° 41′ 14.7″N 136° 05′ 02.5″E
35° 41′ 09.9″N 136° 05′ 06.9″E
35° 41′ 05.9″N 136° 05′ 07.5″E
35° 41′ 00.7″N 136° 05′ 05.4″E
35° 40′ 57.1″N 136° 05′ 02.7″E
(5(149), 15(446)08 Tokyo)

95281 15Ed. 1/17/98 LAST NM 22/08 42/09

Relocate Position circle "Y Lt" from
35° 40′ 46.3″N 136° 03′ 45.2″E to
35° 40′ 46.5″N 136° 03′ 37.0″E

Substitute Double solid line with land tint (breakwater extension) for double dashed line between
35° 40′ 46.3″N 136° 03′ 45.2″E
35° 40′ 46.5″N 136° 03′ 37.0″E

(Plan)

Relocate Position circle "Y Lt" from
35° 40′ 46.3″N 136° 03′ 45.2″E to
35° 40′ 46.5″N 136° 03′ 37.0″E

Substitute Double solid line with land tint (breakwater extension) for double dashed line between
35° 40′ 46.3″N 136° 03′ 45.2″E
35° 40′ 46.5″N 136° 03′ 37.0″E
(Jpn CH W117)

★95284 1Ed. 6/17/10 NEW CHART N46/10
(NGA)

95284 1Ed. 6/17/10 LAST NM N46/10 N50/11

Delete Position circle "Y Lt" 36° 38′ 39.5″N 136° 35′ 59.0″E

Add Double solid line with land tint (breakwater extension) [F4.1] between 36° 38′ 39.5″N 136° 35′ 59.0″E
36° 38′ 41.9″N 136° 35′ 59.2″E

Position circle "Y Lt" 36° 38′ 41.9″N 136° 35′ 59.1″E
(46(1564)11 Tokyo)

95284 1Ed. 6/17/10 LAST NM N50/11 N53/11

Delete Position circle "Y Lt" 36° 38′ 30.7″N 136° 36′ 30.4″E
Legend 36° 38′ 32.0″N 136° 36′ 29.7″E

Add Double solid line with land tint (breakwater extension) [F4.1] between 36° 38′ 30.7″N 136° 36′ 30.4″E
36° 38′ 35.7″N 136° 36′ 21.9″E

Position circle "Y Lt" 36° 38′ 35.7″N 136° 36′ 21.9″E
(47(1596)11 Tokyo)

★95288 1Ed. 6/17/10 NEW CHART N10/11
(NGA)

★95289 1Ed. 12/15/11 NEW CHART N29/12
(NGA)

★95300 6Ed. 2/14/04 NEW EDITION 21/04
(NGA)

95300 6Ed. 2/14/04 LAST NM 21/04 22/04

Change Visibility (range) of light to 7/3M
36° 05′ 30″N 132° 59′ 44″E
Visibility (range) of light to 5M
36° 00′ 17″N 133° 02′ 43″E
(Jpn LL; 44(1653), 50(1839)03 Tokyo)

95300 6Ed. 2/14/04 LAST NM 22/04 26/04

Change Visibility (range) of light to 7/3M
35° 26′ 32″N 132° 41′ 11″E
(10(259)04 Tokyo)

95300 6Ed. 2/14/04 LAST NM 26/04 30/04

Change Visibility (range) of light to 7/3M
35° 31′ 29″N 132° 58′ 18″E

Add Characteristic F Fl G 10/6M to light symbol 35° 31′ 31″N 132° 58′ 13″E
(47(1735)03 Tokyo; Jpn LL)

95300 6Ed. 2/14/04 LAST NM 30/04 34/04

Change Visibility (range) of light to 8/3M
35° 35′ 41″N 134° 19′ 07″E

Add Submarine cable [L30.1] joining
36° 02′ 06″N 134° 30′ 00″E
36° 04′ 18″N 134° 17′ 42″E
36° 06′ 24″N 134° 12′ 30″E
36° 11′ 54″N 134° 08′ 06″E
36° 22′ 00″N 133° 49′ 48″E
(16(432, 434)04 Tokyo)

95300 6Ed. 2/14/04 LAST NM 34/04 42/04

Change Light to Fl(2) G 4M 35° 30′ 51″N 133° 29′ 36″E
(32(840)04 Tokyo)

95300 6Ed. 2/14/04 LAST NM 42/04 13/05

Change Visibility (range) of light to 4M
35° 37′ 21″N 134° 25′ 51″E
(1(6)05 Tokyo)

95300 6Ed. 2/14/04 LAST NM 13/05 16/05

Add Wreck [K29] 36° 00′ 42″N 133° 31′ 36″E
Wreck [K29] 35° 52′ 48″N 132° 46′ 12″E
(6(162)05 Tokyo)

95300 6Ed. 2/14/04 LAST NM 16/05 22/05

Change Light to Fl(2) 30s 109m 22M 36° 10′ 17″N 133° 20′ 23″E
(15(421)05 Tokyo)

95300 6Ed. 2/14/04 LAST NM 22/05 41/05

Change Visibility (range) of light to 4M
35° 27′ 24″N 132° 44′ 52″E
Light to Fl G 7M 35° 24′ 01″N 132° 39′ 45″E
(30(899), 32(964)05 Tokyo)

95300 6Ed. 2/14/04 LAST NM 41/05 44/05

Change Visibility (range) of light to 4M
35° 26′ 02″N 132° 38′ 23″E
(31(929)05 Tokyo)

95300 6Ed. 2/14/04 LAST NM 44/05 53/05

Change Visibility (range) of light to 3M
35° 35′ 46″N 134° 19′ 11″E

Light (Oc R) to Fl(2) R 6s 10m 3M
35° 34′ 53″N 134° 17′ 16″E
(43(1275), 44(1312)05 Tokyo)

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95300 6Ed. 2/14/04 LAST NM 53/05 20/06
Change Light to 2 Iso RG 6s 8/4M 35° 32′ 29″N 133° 01′ 35″E
Light to Fl R 3s 3M 35° 34′ 08″N 133° 03′ 17″E
(50(1505, 1506)05 Tokyo)

95300 6Ed. 2/14/04 LAST NM 20/06 27/06
Change Light to Iso 6s 44m 13M 35° 37′ 24″N 134° 25′ 41″E
Visibility (range) of light to 12M
35° 37′ 00″N 134° 23′ 07″E
Visibility (range) of light to 9/5M
35° 36′ 55″N 134° 23′ 07″E
Visibility (range) of light to 13M
35° 38′ 05″N 134° 26′ 20″E
(12(369, 370)06 Tokyo)

95300 6Ed. 2/14/04 LAST NM 27/06 31/06
Add Fish haven symbol [K46.1] 35° 28′ 19″N 133° 23′ 15″E
(20(599)06 Tokyo)

95300 6Ed. 2/14/04 LAST NM 31/06 36/06
Change Light to Fl 3s 35m 7M 35° 34′ 39″N 133° 02′ 54″E
(19(568)06 Tokyo)

95300 6Ed. 2/14/04 LAST NM 36/06 52/06
Change Light to Fl 5s 33m 7M 35° 32′ 34″N 134° 11′ 02″E
Light to Fl(2) R 6s 13m 5M 35° 32′ 48″N 134° 11′ 08″E
(44(1300, 1301)06 Tokyo)

95300 6Ed. 2/14/04 LAST NM 52/06 48/07
Add Wreck [K29] 35° 50′ 54″N 133° 20′ 06″E
(16(505)07 Tokyo)

95300 6Ed. 2/14/04 LAST NM 48/07 19/08
Add "Fish haven" area with blue tint [K46.1] bound
by dotted line (limiting danger line) joining
35° 21′ 24″N 132° 37′ 18″E
35° 20′ 54″N 132° 37′ 48″E
35° 20′ 54″N 132° 37′ 12″E

"Fish haven" area with blue tint [K46.1] bound
by dotted line (limiting danger line) joining
35° 19′ 30″N 132° 36′ 30″E
35° 19′ 06″N 132° 37′ 00″E
35° 18′ 54″N 132° 36′ 42″E
35° 19′ 18″N 132° 36′ 12″E
(47(1561)07 Tokyo)

95300 6Ed. 2/14/04 LAST NM 19/08 22/08
Delete Light 36° 05′ 34″N 133° 00′ 18″E
(5(143)08 Tokyo)

95300 6Ed. 2/14/04 LAST NM 22/08 27/08
Delete Ramark at light 35° 34′ 00″N 133° 19′ 30″E
(21(706)08 Tokyo)

95300 6Ed. 2/14/04 LAST NM 27/08 34/09
Change Visibility (range) of light to 20/16M
35° 59′ 54″N 133° 03′ 39″E
(20(829)09 Tokyo)

95300 6Ed. 2/14/04 LAST NM 34/09 37/09
Change Light to Fl(2) G 6s 15m 5M 35° 31′ 24″N 134° 01′ 12″E
(Jpn LL)

★**95300** 6Ed. 2/14/04 LAST NM 37/09 17/10
Change Visibility (range) of light (F Fl G) to 5/2M
35° 32′ 49″N 134° 11′ 30″E
Visibility (range) of light (Oc) to 14M
35° 35′ 45″N 134° 18′ 59″E

Add Depth 290 meters 36° 02′ 49″N 134° 10′ 51″E
Depth 380 meters 36° 02′ 08″N 134° 03′ 37″E
(NTM0001/2010; 10(394)10 Tokyo)

★**95320** 15Ed. 6/28/97 NEW EDITION 35/97
Delete Fish haven symbol 34° 35.8′ N 131° 15.2′ E

Submarine cable between 34° 47.0′ N 130° 41.9′ E
34° 25.9′ N 131° 20.8′ E

Change Characteristic of buoy to
Q(3) 10s 34° 24.3′ N 131° 17.0′ E
Mo(A) G 8s 34° 26.6′ N 131° 23.2′ E

Add Caution note
"CAUTION
Differences in latitude and longitude
may exist between this and other charts
of the area; therefore, the transfer of
positions from one chart to another
should be done by bearings and distances
from common features." 34° 31.5′ N 131° 53.5′ E
(NIMA; Jpn CH 136, 196; Jpn LL)

95320 15Ed. 6/28/97 LAST NM 35/97 41/97
Change Light to
Fl R 3M 34° 47.0′ N 131° 08.8′ E
Fl R 3s 10m 3M 34° 30.1′ N 131° 16.9′ E
(24(1071, 1072)97 Tokyo; Jpn LL)

95320 15Ed. 6/28/97 LAST NM 41/97 2/98
Add Submarine cable joining 34° 23.3′ N 131° 15.4′ E
34° 23.5′ N 131° 15.8′ E
34° 23.8′ N 131° 16.0′ E
34° 25.1′ N 131° 15.2′ E
(33(1478)97 Tokyo)

95320 15Ed. 6/28/97 LAST NM 2/98 4/98
Change Height of light to
75m 34° 25.0′ N 131° 07.8′ E
18m 34° 25.1′ N 131° 16.0′ E
56m 34° 31.0′ N 131° 16.5′ E
(35(1583-1585)97 Tokyo)

95320 15Ed. 6/28/97 LAST NM 4/98 5/98
Change Height of light to
11m 34° 23.8′ N 131° 19.5′ E
12m 34° 29.9′ N 131° 27.9′ E

Height of light (Oc R) to 12m 34° 22.7′ N 131° 10.7′ E
(36(1613, 1615, 1617)97 Tokyo)

95320 15Ed. 6/28/97 LAST NM 5/98 6/98
Change Height of light to 104m 34° 26.2′ N 131° 15.1′ E
Light to Oc G 4s 11m 11M 35° 26.0′ N 132° 38.3′ E
(38(1711)97 Tokyo; Jpn LL)

95320 15Ed. 6/28/97 LAST NM 6/98 25/99
Delete Light 34° 45.6′ N 131° 09.0′ E
Change Light to Fl 4s 81m 20M,
Fl(2) G 8s 17m 8M 34° 45.7′ N 131° 08.8′ E
(4(141)98 Tokyo; Jpn LL)

95320 15Ed. 6/28/97 LAST NM 25/99 37/99
Delete Depth 26 meters 34° 29′ 10″N 131° 20′ 15″E

Add Depth 24.5 meters 34° 29′ 05″N 131° 20′ 18″E
(31(1308)99 Tokyo)

95320 15Ed. 6/28/97 LAST NM 37/99 40/99
Add Depth 10.4 meters Rk 34° 31′ 03″N 131° 23′ 41″E
(34(1397)99 Tokyo)

95320 15Ed. 6/28/97 LAST NM 40/99 43/99
Change Light to Fl R 3s7m 3M 34° 24′ 23″N 130° 58′ 20″E

Add Wreck [K29] 34° 50′ 12″N 131° 36′ 12″E
(17(709)98, 38(1546)99 Tokyo)

95320 15Ed. 6/28/97 LAST NM 43/99 46/99
Add Wreck [K29] 35° 02′ 12″N 132° 02′ 48″E
(40(1625)99 Tokyo)

95320 15Ed. 6/28/97 LAST NM 46/99 18/01
Add Light Fl G 3s 6M 34° 21′ 57″N 130° 58′ 32″E
(14(584)99 Tokyo)

95320 15Ed. 6/28/97 LAST NM 18/01 32/01
Change Period of light to 12s 34° 23′ 34″N 130° 55′ 59″E
(13(427)00 Tokyo)

95320 15Ed. 6/28/97 LAST NM 32/01 33/01
Substitute Depth 22 meters Rk [K14.1] for 32 meters Rk
34° 31′ 06″N 131° 24′ 06″E

(continued on next page)

95320 (Continued) 33/01
Add Depth 10.6 meters Rk [K14.2] 34° 31′ 04″N 131° 23′ 41″E
(11(376)00 Tokyo)

95320 15Ed. 6/28/97 LAST NM 33/01 8/02
Add Stranded wreck [K24] 34° 21′ 30″N 130° 50′ 30″E
(52(1968)01 Tokyo)

95320 15Ed. 6/28/97 LAST NM 8/02 35/02
Add Submarine pipeline (water) [L41.1] between
34° 27′ 30″N 131° 23′ 48″E
34° 29′ 24″N 131° 24′ 25″E
(46(1850)99 Tokyo)

95320 15Ed. 6/28/97 LAST NM 35/02 38/02
(Plan A)
Delete Depth 6.5 meters 34° 38′ 38″N 131° 38′ 53″E
Depth 6.4 meters 34° 38′ 37″N 131° 38′ 53″E
Depth 2.9 meters 34° 38′ 31″N 131° 38′ 50″E

Solid line between 34° 38′ 27″N 131° 38′ 48″E
34° 38′ 30″N 131° 38′ 49″E

Add Land tint to area bound by shore and solid line
joining 34° 38′ 42″N 131° 38′ 58″E
34° 38′ 42″N 131° 38′ 56″E
34° 38′ 37″N 131° 38′ 53″E
34° 38′ 33″N 131° 38′ 52″E

Double solid line with land tint (bridge) [D22]
joining 34° 38′ 27″N 131° 38′ 48″E
34° 38′ 30″N 131° 38′ 49″E
34° 38′ 33″N 131° 38′ 52″E
(27(1147)98 Tokyo)

95320 15Ed. 6/28/97 LAST NM 38/02 20/03
Change Light to Fl 5s 17m 6M 34° 25′ 06″N 131° 16′ 00″E
(11(441)99 Tokyo)

95320 15Ed. 6/28/97 LAST NM 20/03 21/03
Add Submarine cable [L30.1] joining
34° 58′ 42″N 132° 07′ 36″E
35° 00′ 00″N 132° 07′ 54″E
35° 28′ 13″N 132° 01′ 54″E
(16(665)99 Tokyo)

95320 15Ed. 6/28/97 LAST NM 21/03 26/03
Substitute Depth 48 meters Rk for 50 meters Rk
34° 27′ 38″N 131° 17′ 05″E
(19(701)03 Tokyo)

95320 15Ed. 6/28/97 LAST NM 26/03 33/03
Add Depth 29.5 meters Fish haven [K46.2]
34° 27′ 30″N 131° 23′ 02″E
(24(888)03 Tokyo)

95320 15Ed. 6/28/97 LAST NM 33/03 40/03
Delete Stranded wreck 34° 21′ 30″N 130° 50′ 30″E
(34(1313)03 Tokyo)

95320 15Ed. 6/28/97 LAST NM 40/03 10/04
Add Beacon BRB, double ball topmark, Fl(2) 3M
34° 26′ 07″N 131° 21′ 07″E
(46(1707)03 Tokyo)

95320 15Ed. 6/28/97 LAST NM 10/04 13/04
Add Fish haven symbol [K46.1] 34° 22′ 20″N 130° 51′ 32″E
(1(1)04 Tokyo)

95320 15Ed. 6/28/97 LAST NM 13/04 14/04
Change Light to Iso G 6s 11m 8M, Fl R 3s 13m 3M
34° 25′ 16″N 131° 00′ 21″E

Light to 2 Fl RG 5/3M 34° 22′ 44″N 131° 10′ 44″E
(31(1189, 1190)03 Tokyo)

95320 15Ed. 6/28/97 LAST NM 14/04 26/04
Change Light to F Fl G 3s 12m 7/3M 35° 26′ 32″N 132° 41′ 11″E
(10(259)04 Tokyo)

95320 15Ed. 6/28/97 LAST NM 26/04 28/04
Add Submarine cable [L30.1] between
35° 28′ 12″N 131° 57′ 24″E
34° 58′ 42″N 132° 07′ 42″E
(32(1322)99 Tokyo)

95320 15Ed. 6/28/97 LAST NM 28/04 38/04
Change Light to Fl G 3s 3M 34° 20′ 45″N 130° 55′ 42″E
(Jpn LL)

95320 15Ed. 6/28/97 LAST NM 38/04 24/05
Add Wreck [K29] 35° 13′ 24″N 131° 55′ 00″E
(17(480)05 Tokyo)

95320 15Ed. 6/28/97 LAST NM 24/05 41/05
Change Visibility (range) of light to 4M
35° 27′ 24″N 132° 44′ 52″E

Light to Fl G 3s 14m 7M, FG 11m 9M
35° 09′ 30″N 132° 23′ 53″E

Light to Fl R 3s 14m 3M 35° 10′ 06″N 132° 24′ 06″E
Light to Fl G 4s 13m 7M 35° 24′ 01″N 132° 39′ 45″E
(30(897-899), 32(964)05 Tokyo)

95320 15Ed. 6/28/97 LAST NM 41/05 44/05
Change Visibility (range) of light to 4M
35° 26′ 02″N 132° 38′ 23″E
(31(929)05 Tokyo)

95320 15Ed. 6/28/97 LAST NM 44/05 3/06
Change Light to Fl R 5M 34° 22′ 44″N 131° 10′ 44″E
(41(1214)05 Tokyo)

95320 15Ed. 6/28/97 LAST NM 3/06 24/06
Change Light to F Fl R 6s 12m 7/3M 34° 46′ 37″N 131° 54′ 45″E

Add Light Fl(2) R 6s 14m 7M 34° 47′ 40″N 131° 55′ 47″E
Light Fl G 3s 6m 2M 34° 47′ 24″N 131° 55′ 46″E
(10(296, 297)06 Tokyo)

95320 15Ed. 6/28/97 LAST NM 24/06 26/06
Change Visibility (range) of light to 12M
35° 05′ 54″N 132° 20′ 19″E
Visibility (range) of light to 7/3M
35° 05′ 45″N 132° 20′ 20″E
(12(368)06 Tokyo)

95320 15Ed. 6/28/97 LAST NM 26/06 43/06
Change Visibility (range) of light to 9/5M
34° 45′ 45″N 131° 09′ 20″E
Visibility (range) of light to 7M
34° 45′ 35″N 131° 09′ 15″E
(25(727)06 Tokyo)

95320 15Ed. 6/28/97 LAST NM 43/06 28/08
Delete R Bn and Ramark 34° 52.7′ N 132° 02.3′ E
(22(744)08 Tokyo)

95320 15Ed. 6/28/97 LAST NM 28/08 41/09
Change Visibility (range) of light to 4M 34° 28.7′ N 131° 26.6′ E
(Jpn LL)

95320 15Ed. 6/28/97 LAST NM 41/09 45/09
Add Wreck [K29] 34° 36.1′ N 131° 22.5′ E
(36(1556)09 Tokyo)

95320 15Ed. 6/28/97 LAST NM 45/09 11/10
Change Light to Iso 6s 70m 5M 34° 26.5′ N 130° 58.4′ E
(4(135)10 Tokyo)

95320 15Ed. 6/28/97 LAST NM 11/10 22/12
Change Visibility (range) of light to 5M 34° 31.5′ N 131° 27.4′ E
(19(374)12 Tokyo)

★**95339** 1Ed. 6/7/12 NEW CHART N46/12
(NGA)

★**95341** 9Ed. 11/29/08 NEW EDITION N8/09
(NGA)

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95341 9Ed. 11/29/08 LAST NM N8/09 N34/09
Delete Light 33° 56′ 58.0″N 130° 52′ 25.1″E
(20(840)09 Tokyo)

95341 9Ed. 11/29/08 LAST NM N34/09 N35/09
Add Fish haven symbol [K46.1] 33° 57′ 16.0″N 130° 45′ 41.0″E
(23(976)09 Tokyo)

95341 9Ed. 11/29/08 LAST NM N35/09 N41/09
Add Dangerous wreck [K28] 34° 13′ 57.0″N 130° 53′ 59.0″E
Dangerous wreck [K28] 33° 56′ 12.0″N 130° 38′ 42.0″E
(37(1601, 1603)09 Tokyo)

95341 9Ed. 11/29/08 LAST NM N41/09 N42/09
Change Height of light to 13m 33° 55′ 59.0″N 130° 43′ 50.0″E
(Jpn LL)

95341 9Ed. 11/29/08 LAST NM N42/09 N46/09
Add Fish haven symbol [K46.1] 33° 59′ 23.0″N 130° 43′ 48.5″E
Fish haven symbol [K46.1] 33° 59′ 27.0″N 130° 43′ 35.0″E
(33(1423)09 Tokyo)

95341 9Ed. 11/29/08 LAST NM N46/09 N47/09
Delete Light 33° 57′ 07″N 130° 54′ 16″E
(37(1602)09 Tokyo)

95341 9Ed. 11/29/08 LAST NM N47/09 N11/10
Change Visibility (range) of light to 5M
34° 26′ 27″N 130° 58′ 24″E
Light to Fl 3s 28m 12M 33° 58′ 41″N 130° 52′ 04″E
(4(135, 139)10 Tokyo)

95341 9Ed. 11/29/08 LAST NM N11/10 N38/10
Change Light to Fl 4s 16m 7M 33° 59′ 01″N 130° 47′ 30″E
(18(722)10 Tokyo)

★**96000** 5Ed. 7/22/95 NEW EDITION 40/95
Delete Legend "NOTES...2" 47° 58′ N 152° 27′ E

R Bn 42° 41′ N 130° 57′ E
50° 47′ N 156° 27′ E

(DMA; BA RA)

96000 5Ed. 7/22/95 LAST NM 40/95 44/95
Substitute Purple composite line for
purple dashed line joining 48° 47′ N 144° 42′ E
48° 35′ N 145° 17′ E
48° 15′ N 145° 34′ E
48° 04′ N 145° 19′ E
48° 17′ N 144° 40′ E

(1/95 St. Petersburg)

96000 5Ed. 7/22/95 LAST NM 44/95 50/95
Add R Bn at light 42° 53′ N 131° 28′ E
(BA RA)

96000 5Ed. 7/22/95 LAST NM 50/95 7/96
Add "DANGER AREA NO 17" bound by
purple composite line joining 52° 58′ N 144° 07′ E
53° 15′ N 144° 07′ E
53° 15′ N 144° 44′ E
52° 58′ N 144° 44′ E

"DANGER AREA NO 19" bound by
purple composite-line circle,
radius 5 miles, centered 52° 31′ N 143° 40′ E

"DANGER AREA NO 20" bound by
purple composite line joining 48° 42′ N 145° 09′ E
48° 55′ N 144° 42′ E
50° 32′ N 144° 00′ E
50° 32′ N 144° 35′ E
50° 00′ N 144° 47′ E
49° 00′ N 145° 27′ E
48° 42′ N 145° 27′ E

"DANGER AREA NO 42" bound by
purple composite line joining 47° 24′ N 143° 29′ E
47° 54′ N 143° 03′ E
48° 00′ N 144° 24′ E
47° 39′ N 144° 21′ E

(40(5843, 5844)95 St. Petersburg)

96000 5Ed. 7/22/95 LAST NM 7/96 25/96
Substitute Depth 92 meters for 106 meters 46° 17.3′ N 150° 16.2′ E

Add Light symbol 47° 09.1′ N 152° 17.4′ E
46° 49.6′ N 151° 52.3′ E

Danger circle
"Volcanic Activity Rep (1980)" 46° 31.8′ N 151° 46.7′ E

Depth 541 meters 45° 57.9′ N 149° 24.0′ E
(17(1439)96 Taunton)

96000 5Ed. 7/22/95 LAST NM 25/96 33/96
Add Light flare symbol to R Bn 45° 26′ N 147° 55′ E
(27(2251)96 Taunton)

96000 5Ed. 7/22/95 LAST NM 33/96 43/96
Substitute Light with R Bn symbol for R Bn 43° 32′ N 146° 12′ E
(36(3014)96 Taunton)

96000 5Ed. 7/22/95 LAST NM 43/96 2/97
Delete "DANGER AREA NO 17" in vicinity 53° 08′ N 144° 25′ E
"DANGER AREA NO 19" 52° 31′ N 143° 40′ E
"DANGER AREA NO 20" 49° 40′ N 144° 40′ E
"DANGER AREA NO 42" 47° 40′ N 143° 45′ E
(See 7/96-96000)

Add "AREA NO 17 CAUTION NO 4" bound by
purple dashed line joining 52° 58′ N 144° 07′ E
53° 15′ N 144° 07′ E
53° 15′ N 144° 44′ E
52° 58′ N 144° 44′ E

"AREA NO 19 CAUTION NO 4" bound by
purple dashed-line circle, radius
5 miles, centered 52° 31′ N 143° 40′ E

"AREA NO 20 CAUTION NO 4" bound by
purple dashed line joining 48° 42′ N 145° 09′ E
48° 55′ N 144° 42′ E
50° 32′ N 144° 00′ E
50° 32′ N 144° 35′ E
50° 00′ N 144° 47′ E
49° 00′ N 145° 27′ E
48° 42′ N 145° 27′ E

"AREA NO 42 CAUTION NO 4" bound by
purple dashed line joining 47° 24′ N 143° 29′ E
47° 54′ N 143° 03′ E
48° 00′ N 144° 24′ E
47° 39′ N 144° 21′ E

Caution No 4 to CAUTIONS note
"4. Mariners are warned to exercise
caution within the area indicated.
The detail of these areas has not
been derived from adequate
hydrographic surveys and uncharted
dangers may exist." 50° 10′ N 136° 30′ E
(GIMM059/96)

96000 5Ed. 7/22/95 LAST NM 2/97 18/97
Add R Bn 52° 26′ N 158° 31′ E

R Bn at light 43° 01′ N 131° 56′ E
43° 40′ N 145° 34′ E
48° 04′ N 153° 18′ E
(BA RA)

96000 5Ed. 7/22/95 LAST NM 18/97 19/97
Add R Bn 52° 37′ N 158° 27′ E
(BA RA; Rus CH 61036)

96000 5Ed. 7/22/95 LAST NM 19/97 21/97
Substitute Light with R Bn symbol for radiobeacon
53° 57′ N 140° 18′ E
(10(906)97 Taunton)

96000 5Ed. 7/22/95 LAST NM 21/97 22/97
Delete R Bn 53° 18′ N 141° 30′ E

Add Light symbol with R Bn 53° 18′ N 141° 25′ E
(46(7341)91 St. Petersburg; BA LL)

96000 5Ed. 7/22/95 LAST NM 22/97 41/97
Delete Depth 81 meters 46° 31′ N 151° 26′ E
Dotted-line circle "Subm Vol" 46° 05′ N 151° 32′ E
(Rus CH 62274)

96000 5Ed. 7/22/95 LAST NM 41/97 47/97
Add Wreck 42° 26′ N 141° 40′ E
(41(1791)97 Tokyo)

96000 5Ed. 7/22/95 LAST NM 47/97 1/99
Add Wreck 42° 55′ N 145° 00′ E
(39(1620)98 Tokyo)

96000 5Ed. 7/22/95 LAST NM 1/99 2/99
Add Wreck 43° 14′ N 145° 47′ E
(43(1780)98 Tokyo)

96000 5Ed. 7/22/95 LAST NM 2/99 6/99
Add Wreck 43° 55′ N 145° 22′ E
(51(2096)98 Tokyo)

96000 5Ed. 7/22/95 LAST NM 6/99 8/99
Add Wreck 43° 18.2′ N 146° 10.4′ E
(1(1)99 Tokyo)

96000 5Ed. 7/22/95 LAST NM 8/99 9/99
Add Wreck 41° 53′ N 140° 04′ E
(3(83)99 Tokyo)

96000 5Ed. 7/22/95 LAST NM 9/99 15/99
Add Wreck 42° 02′ N 142° 54′ E
(8(296)99 Tokyo)

96000 5Ed. 7/22/95 LAST NM 15/99 25/99
Delete Depth 5 meters 44° 46.7′ N 140° 20.3′ E
Add Depth 9.2 meters 44° 47.9′ N 140° 18.5′ E
(19(800)99 Tokyo)

96000 5Ed. 7/22/95 LAST NM 25/99 34/99
Add Platform [L2] with light flare symbol 52° 43′ N 143° 34′ E
(6(560)99 St. Petersburg)

96000 5Ed. 7/22/95 LAST NM 34/99 43/99
Add Wreck [K29] 41° 40′ N 140° 40′ E
(37(1522)99 Tokyo)

96000 5Ed. 7/22/95 LAST NM 43/99 47/99
Add Light symbol 42° 19′ N 130° 40′ E
(48(7510)98 St. Petersburg)

96000 5Ed. 7/22/95 LAST NM 47/99 49/99
Add Light symbol [P1] 41° 12′ N 129° 44′ E
(35(3152)98 Taunton)

96000 5Ed. 7/22/95 LAST NM 49/99 52/99
Delete R Bn 54° 38′ N 135° 39′ E
(14(1962)98 St. Petersburg)

96000 5Ed. 7/22/95 LAST NM 52/99 1/00
Add Submarine cable [L30.1] joining 41° 37′ N 140° 50′ E
41° 38′ N 140° 54′ E
41° 34′ N 141° 04′ E
41° 36′ N 141° 15′ E
41° 43′ N 141° 31′ E
41° 46′ N 141° 50′ E
41° 20′ N 143° 04′ E
(42(1725)99 Tokyo)

96000 5Ed. 7/22/95 LAST NM 1/00 6/02
Delete Light 50° 12′ N 154° 58′ E
(Rus CH 62277)

96000 5Ed. 7/22/95 LAST NM 6/02 8/02
Delete Light 50° 52′ N 156° 40′ E
Note: R Bn remains

Add Light symbol [P1] to R Bn 46° 49′ N 143° 13′ E
(Rus CH 63102; BA LL)

96000 5Ed. 7/22/95 LAST NM 8/02 17/04
Delete Depth 1230 meters 41° 28′ N 144° 17′ E
(7(186)04 Tokyo)

96000 5Ed. 7/22/95 LAST NM 17/04 20/04
Delete R Bn at light 54° 44′ N 162° 07′ E
(36(5870)03 St. Petersburg)

96000 5Ed. 7/22/95 LAST NM 20/04 32/04
Add Submarine cable [L30.1] joining 43° 16′ N 141° 11′ E
43° 25′ N 141° 00′ E
43° 33′ N 140° 56′ E
43° 36′ N 140° 46′ E
43° 44′ N 140° 36′ E
43° 44′ N 140° 16′ E
43° 49′ N 140° 10′ E
43° 49′ N 140° 03′ E
43° 42′ N 139° 53′ E

Submarine cable [L30.1] joining 43° 16′ N 141° 11′ E
43° 24′ N 140° 59′ E
43° 33′ N 140° 53′ E
43° 42′ N 140° 20′ E
43° 42′ N 140° 17′ E
43° 38′ N 139° 55′ E
(35(1427)99 Tokyo)

96000 5Ed. 7/22/95 LAST NM 32/04 47/04
Add Submarine cable [L30.1] joining 42° 20′ N 141° 02′ E
42° 13′ N 141° 04′ E
41° 40′ N 141° 57′ E
41° 23′ N 141° 59′ E
41° 10′ N 141° 35′ E
41° 00′ N 141° 26′ E
40° 53′ N 141° 29′ E
40° 40′ N 141° 39′ E
(21(555)04 Tokyo)

96000 5Ed. 7/22/95 LAST NM 47/04 8/05
Add Wreck [K29] 43° 07′ N 145° 34′ E
Wreck [K29] 42° 51′ N 145° 01′ E
(51(1321)04, 2(34)05 Tokyo)

96000 5Ed. 7/22/95 LAST NM 8/05 32/05
Add Depth 60 meters Obstn [K41] (PA) 42° 35′ N 131° 45′ E
(5(470)05 St. Petersburg)

96000 5Ed. 7/22/95 LAST NM 32/05 37/05
Delete Danger circle "Obstn" 46° 33′ N 142° 41′ E
(17(2276)05 St. Petersburg)

96000 5Ed. 7/22/95 LAST NM 37/05 42/06
Add Submarine pipeline [L40.1] joining 52° 43′ N 143° 34′ E
52° 43′ N 143° 39′ E
52° 35′ N 143° 39′ E
52° 35′ N 143° 38′ E
52° 34′ N 143° 38′ E
52° 32′ N 143° 32′ E
52° 32′ N 143° 18′ E
(NTM0015/2006)

96000 5Ed. 7/22/95 LAST NM 42/06 24/08
Delete R Bn at light 42° 58′ N 144° 22′ E
(8(247)08 Tokyo)

96000 5Ed. 7/22/95 LAST NM 24/08 24/09
Delete R Bn at light 43° 22′ N 140° 30′ E
(47(1646)08 Tokyo)

96000 5Ed. 7/22/95 LAST NM 24/09 11/11
Add Depth 2807 meters 41° 54′ N 134° 43′ E
(45(5846)10 St. Petersburg)

96000 5Ed. 7/22/95 LAST NM 11/11 25/12
Add Danger circle "Obstn" [K40] 54° 49′ N 155° 27′ E
(22(3356)12 St. Petersburg)

★96004 14Ed. 10/7/95 NEW EDITION 1/96
Add R Bn at light 42° 52.9′ N 131° 28.1′ E
(Previously published 50/95)

Change Visibility (range) of light to 12M 42° 51.0′ N 132° 57.0′ E

Add Purple heavy dashed line (outside limit of traffic lane)
between 42° 36.4′ N 132° 22.8′ E
41° 49.7′ N 132° 23.2′ E

between 42° 35.5′ N 132° 15.4′ E
41° 49.9′ N 132° 15.8′ E

Purple tint area (traffic separation zone) bound by limit joining 41° 49.9′ N 132° 20.5′ E
42° 36.2′ N 132° 20.1′ E
42° 36.2′ N 132° 18.1′ E
41° 49.9′ N 132° 18.5′ E

Open-outlined arrow indicating flow of traffic oriented
180° 42° 25.0′ N 132° 17.3′ E
180° 42° 00.0′ N 132° 17.3′ E
000° 42° 25.0′ N 132° 21.7′ E
000° 42° 00.0′ N 132° 21.7′ E
(DMA; 36(2970)95 Taunton; Rus LL)

96004 14Ed. 10/7/95 LAST NM 1/96 4/96
Delete Restricted area in vicinity
"AREA NO 327" 44° 05.0′ N 135° 51.0′ E
"AREA NO 328" 44° 16.0′ N 135° 57.0′ E

Legend "CAUTION NO 1" 44° 09.0′ N 136° 12.0′ E

Change Caution No 1 of CAUTIONS note to "1. Reserved." 44° 40.0′ N 133° 25.0′ E
(28(4109)95 St. Petersburg)

96004 14Ed. 10/7/95 LAST NM 4/96 8/96
Change Light to Iso 19M HORN 42° 50.6′ N 132° 19.0′ E
(Rus CH 704; BA LL)

96004 14Ed. 10/7/95 LAST NM 8/96 39/96
Add Wreck 41° 19.0′ N 139° 54.9′ E
(33(1590)96 Tokyo)

96004 14Ed. 10/7/95 LAST NM 39/96 48/96
Add Submarine cable joining 42° 47.7′ N 132° 48.3′ E
42° 47.2′ N 132° 43.7′ E
42° 45.4′ N 132° 43.2′ E
42° 39.9′ N 132° 41.5′ E
42° 30.7′ N 132° 45.7′ E
42° 26.1′ N 132° 46.5′ E
(6(621)95 St. Petersburg)

96004 14Ed. 10/7/95 LAST NM 48/96 15/97
Delete Traffic separation scheme southward of limit
between 42° 13.7′ N 131° 31.7′ E
42° 15.2′ N 131° 40.2′ E

between 42° 20.5′ N 132° 15.5′ E
42° 21.5′ N 132° 23.0′ E

Relocate Open-outlined arrow
close N to 42° 24.0′ N 131° 39.0′ E
close N 42° 22.0′ N 131° 33.0′ E

Add Open-outlined arrow indicating flow of traffic oriented
000° 42° 25.0′ N 132° 17.0′ E
180° 42° 25.0′ N 132° 22.0′ E
(45(6692)96 St. Petersburg)

96004 14Ed. 10/7/95 LAST NM 15/97 18/97
Add R Bn at light 43° 01.9′ N 131° 57.1′ E
(BA RA)

96004 14Ed. 10/7/95 LAST NM 18/97 47/97
Add Depth 9.3 meters 44° 48.0′ N 140° 18.5′ E
(39(1752)97 Tokyo)

96004 14Ed. 10/7/95 LAST NM 47/97 41/98
Delete NAUTO from light 42° 33.3′ N 131° 13.0′ E
42° 52.9′ N 131° 28.1′ E
42° 48.5′ N 133° 43.2′ E

NAUTO and BELL from light 42° 40.5′ N 133° 02.4′ E
HORN from light 42° 50.6′ N 132° 19.0′ E
BELL from light 43° 30.5′ N 135° 08.4′ E
(GIMM014/98)

96004 14Ed. 10/7/95 LAST NM 41/98 9/99
Add Light Fl 10M 43° 06.0′ N 134° 18.5′ E
Wreck 41° 53.1′ N 140° 03.8′ E
(38(3439)98 Taunton; 3(83)99 Tokyo)

96004 14Ed. 10/7/95 LAST NM 9/99 25/99
Delete Depth 10 meters Rk 44° 47.7′ N 140° 20.2′ E
Delete Depth 5 meters 44° 46.7′ N 140° 20.3′ E
(19(800)99 Tokyo)

96004 14Ed. 10/7/95 LAST NM 25/99 2/00
Add Buoy (mooring) 44° 05.5′ N 136° 13.0′ E
Buoy (mooring) 44° 02.5′ N 136° 09.0′ E
(29(4221)99 St. Petersburg)

96004 14Ed. 10/7/95 LAST NM 2/00 46/00
Add Wreck [K29] 43° 04.0′ N 134° 21.1′ E
(30(4995)00 St. Petersburg)

96004 14Ed. 10/7/95 LAST NM 46/00 16/02
Change Visibility (range) of light to 22M 42° 43.8′ N 132° 20.5′ E
Visibility (range) of light to 20M 43° 01.9′ N 131° 57.1′ E
(BA LL)

96004 14Ed. 10/7/95 LAST NM 16/02 17/02
Change Visibility (range) of light to 21-10M
42° 52.8′ N 131° 28.1′ E
(BA LL)

96004 14Ed. 10/7/95 LAST NM 17/02 44/02
Delete Horn from light 41° 15.5′ N 140° 20.5′ E
(38(1310)02 Tokyo)

96004 14Ed. 10/7/95 LAST NM 44/02 45/02
Delete Depth 138 meters M S and enclosing depth contour 42° 16.0′ N 137° 31.0′ E
(35(1458)98 Tokyo)

96004 14Ed. 10/7/95 LAST NM 45/02 16/04
Add Submarine pipeline [L40.1] between
43° 00.2′ N 140° 25.3′ E
42° 59.4′ N 140° 30.5′ E
(3(53)04 Tokyo)

96004 14Ed. 10/7/95 LAST NM 16/04 25/04
Add Submarine cable [L30.1] joining 45° 02.8′ N 136° 41.4′ E
45° 01.4′ N 136° 47.5′ E
45° 04.5′ N 137° 10.4′ E
45° 13.0′ N 137° 24.0′ E

Submarine cable [L30.1] between 45° 02.2′ N 136° 41.4′ E
44° 51.4′ N 136° 52.7′ E
(37(3419)99 Taunton)

96004 14Ed. 10/7/95 LAST NM 25/04 32/04
Add Submarine cable [L30.1] joining 43° 43.8′ N 140° 35.0′ E
43° 43.9′ N 140° 16.0′ E
43° 49.3′ N 140° 09.8′ E
43° 49.5′ N 140° 02.7′ E
43° 42.0′ N 139° 52.8′ E

Submarine cable [L30.1] joining 43° 37.8′ N 140° 35.0′ E
43° 42.0′ N 140° 20.0′ E
43° 42.0′ N 140° 17.0′ E
43° 38.0′ N 139° 55.0′ E
(35(1427)99 Tokyo)

96004 14Ed. 10/7/95 LAST NM 32/04 48/04
Add Submarine cable [L30.1] joining 43° 04.5′ N 131° 54.8′ E
43° 01.6′ N 132° 01.3′ E
43° 09.9′ N 132° 08.2′ E
43° 11.3′ N 132° 07.4′ E

Submarine cable [L30.1] joining 43° 01.3′ N 132° 01.1′ E
43° 03.5′ N 132° 14.2′ E
43° 03.5′ N 132° 17.5′ E
43° 02.8′ N 132° 19.0′ E
(23(3432)04 St. Petersburg)

96004 14Ed. 10/7/95 LAST NM 48/04 32/05
Add Depth 60 meters Obstn [K41] (PA) 42° 35.0′ N 131° 45.0′ E

Submarine cable [L30.1] joining 42° 38.8′ N 133° 02.5′ E
42° 34.3′ N 133° 05.0′ E
42° 41.6′ N 133° 45.6′ E
42° 46.2′ N 133° 58.5′ E
43° 10.7′ N 134° 40.5′ E
43° 21.4′ N 135° 04.3′ E
43° 26.5′ N 135° 11.1′ E
43° 27.3′ N 135° 11.0′ E
43° 27.9′ N 135° 12.9′ E
43° 30.8′ N 135° 17.0′ E
43° 35.0′ N 135° 20.7′ E
43° 42.9′ N 135° 30.1′ E
43° 48.5′ N 135° 29.6′ E
(52(8140)04, 5(470)05 St. Petersburg)

96004 14Ed. 10/7/95 LAST NM 32/05 44/07
Add Submarine cable [L30.1] joining 42° 11.5′ N 139° 31.6′ E
42° 11.2′ N 139° 32.8′ E
42° 07.9′ N 139° 35.3′ E
42° 05.2′ N 139° 44.9′ E
42° 07.9′ N 139° 56.1′ E
(36(1196)07 Tokyo)

96004 14Ed. 10/7/95 LAST NM 44/07 32/08
Delete Ramark at light 41° 25.3′ N 140° 05.4′ E
(25(868)08 Tokyo)

96004 14Ed. 10/7/95 LAST NM 32/08 14/09
Add Depth 60 meters Wk [K26] 42° 41.0′ N 132° 39.8′ E
(19(2568)05 St. Petersburg)

96004 14Ed. 10/7/95 LAST NM 14/09 21/09
Change Visibility (range) of light to 12M 41° 25.3′ N 140° 05.4′ E
(13(512)09 Tokyo)

96004 14Ed. 10/7/95 LAST NM 21/09 24/09
Change Visibility (range) of light to 21M 43° 20.0′ N 140° 21.0′ E

Visibility (range) of light to 19M 43° 22.5′ N 140° 28.5′ E
and delete R Bn and Ramark
(47(1646)08, 3(95)09 Tokyo)

96004 14Ed. 10/7/95 LAST NM 24/09 29/09
Delete Submarine cable between 42° 04.0′ N 139° 28.0′ E
42° 13.5′ N 139° 49.0′ E

Add Submarine cable [L30.1] joining 42° 15.0′ N 139° 47.0′ E
42° 15.0′ N 139° 43.0′ E
42° 10.1′ N 139° 35.9′ E
42° 03.9′ N 139° 29.8′ E
42° 04.3′ N 139° 28.0′ E
(Jpn CH 11)

96004 14Ed. 10/7/95 LAST NM 29/09 7/10
Add Submarine cable [L30.1] joining 43° 02.4′ N 132° 16.6′ E
42° 58.7′ N 132° 13.2′ E
42° 58.5′ N 132° 16.2′ E
42° 57.1′ N 132° 13.8′ E
42° 52.5′ N 132° 14.1′ E
42° 42.6′ N 132° 39.4′ E
42° 42.3′ N 132° 51.1′ E
42° 39.6′ N 133° 03.0′ E
42° 41.3′ N 133° 04.7′ E
(21(2665)09 St. Petersburg)

96004 14Ed. 10/7/95 LAST NM 7/10 11/11
Add Depth 2807 meters 41° 54.0′ N 134° 42.8′ E
(45(5846)10 St. Petersburg)

96004 14Ed. 10/7/95 LAST NM 11/11 44/11
Add Submarine cable [L30.1] joining 42° 38.9′ N 133° 05.7′ E
42° 40.1′ N 133° 11.1′ E
42° 43.8′ N 133° 30.9′ E
42° 45.2′ N 133° 37.3′ E
42° 49.7′ N 133° 38.7′ E
(25(3209)09 St. Petersburg)

96004 14Ed. 10/7/95 LAST NM 44/11 47/12
Add Depth 57 meters Obstn [K41] 42° 39.0′ N 131° 25.5′ E
Depth 55 meters Obstn [K41] 42° 55.5′ N 132° 06.4′ E
Depth 85 meters Obstn [K41] 42° 39.0′ N 131° 56.1′ E
(40(5949-5951)12 St. Petersburg)

★**96012** 16Ed. 6/24/95 NEW EDITION 32/95
(DMAHTC)

96012 16Ed. 6/24/95 LAST NM 32/95 44/95
Substitute Purple composite-line circle for purple dashed-line circle in vicinity 48° 30.2′ N 144° 37.6′ E

Change Legend
"REGULATED AREA" to "PROHIB AREA NO 215" 48° 31.0′ N 144° 29.0′ E
"CAUTION NO 1" to "AREA TO BE AVOIDED CAUTION NO 1" 48° 26.0′ N 145° 04.0′ E
(1/95 St. Petersburg)

96012 16Ed. 6/24/95 LAST NM 44/95 4/96
Delete Purple dashed-line areas (2) and legend "REGULATED...NO 2"in vicinity 44° 10′ N 136° 00′ E
(28(4109)95 St. Petersburg)

96012 16Ed. 6/24/95 LAST NM 4/96 7/96
Add Purple composite line joining 49° 10′ N 144° 36′ E
48° 55′ N 144° 42′ E
48° 42′ N 145° 09′ E
48° 42′ N 145° 27′ E
49° 00′ N 145° 27′ E
49° 10′ N 145° 21′ E

Legend
"DANGER AREA NO 20" 48° 55′ N 145° 05′ E

"DANGER AREA NO 42" bound by purple composite line joining 47° 24′ N 143° 29′ E
47° 54′ N 143° 03′ E
48° 00′ N 144° 24′ E
47° 39′ N 144° 21′ E
(40(5844)95 St. Petersburg)

96012 16Ed. 6/24/95 LAST NM 7/96 32/96
Add Danger circle "Explosive" 43° 17.6′ N 141° 00.1′ E
(27(1299)96 Tokyo)

96012 16Ed. 6/24/95 LAST NM 32/96 43/96
Add Light with R Bn symbol 43° 31.8′ N 146° 12.6′ E
(36(3014)96 Taunton; Rus CH 1077)

96012 16Ed. 6/24/95 LAST NM 43/96 45/96
Add Wreck 42° 49.6′ N 144° 53.8′ E
(38(1843)96 Tokyo)

96012 16Ed. 6/24/95 LAST NM 45/96 47/96
Add Light symbol 44° 01.1′ N 145° 51.8′ E
(42(2009)96 Tokyo)

96012 16Ed. 6/24/95 LAST NM 47/96 50/96
Delete Depth
164 meters 48° 19′ N 140° 58′ E
195 meters 48° 18′ N 141° 10′ E
128 meters 48° 12′ N 141° 18′ E
146 meters 48° 07′ N 141° 03′ E
73 meters 48° 01′ N 141° 05′ E
73 meters 47° 58′ N 141° 01′ E
176 meters "Rep (1988)" 47° 21′ N 141° 37′ E

"REGULATED AREA CAUTION NO 2" in vicinity 48° 18′ N 140° 08′ E
(Rus CH 62009)

96012 16Ed. 6/24/95 LAST NM 50/96 2/97
Delete "DANGER AREA NO 42" in vicinity 47° 45′ N 143° 48′ E
(See 7/96-96012)

Substitute Purple dashed line for purple composite line joining 49° 10′ N 144° 36′ E
48° 55′ N 144° 42′ E
48° 42′ N 145° 09′ E
48° 42′ N 145° 27′ E
49° 00′ N 145° 27′ E
49° 10′ N 145° 21′ E

Change Legend to "AREA NO 20 CAUTION NO 3" 48° 55′ N 145° 05′ E

Add "AREA NO 42 CAUTION NO 3" bound by purple dashed line joining 47° 24′ N 143° 29′ E
47° 54′ N 143° 03′ E
48° 00′ N 144° 24′ E
47° 39′ N 144° 21′ E

Caution No 3 to CAUTIONS note
"3. Mariners are warned to exercise caution within the area indicated. The detail of these areas has not been derived from adequate hydrographic surveys and uncharted dangers may exist." 47° 54′ N 136° 55′ E
(GIMM059/96)

96012 16Ed. 6/24/95 LAST NM 2/97 18/97
Add R Bn at light 43° 39′ N 145° 33′ E
(BA RA)

96012 16Ed. 6/24/95 LAST NM 18/97 47/97
Add Depth 21 meters 43° 44′ N 146° 29′ E
(Rus CH 61080)

96012 16Ed. 6/24/95 LAST NM 47/97 1/99
Add Wreck 42° 54.8′ N 144° 59.7′ E
(39(1620)98 Tokyo)

96012 16Ed. 6/24/95 LAST NM 1/99 2/99
Add Wreck 43° 13.6′ N 145° 47.3′ E
(43(1780)98 Tokyo)

96012 16Ed. 6/24/95 LAST NM 2/99 6/99
Add Wreck 43° 55.0′ N 145° 21.9′ E
(51(2096)98 Tokyo)

96012 16Ed. 6/24/95 LAST NM 6/99 8/99
Add Wreck 43° 18.2′ N 146° 10.4′ E
(1(1)99 Tokyo)

96012 16Ed. 6/24/95 LAST NM 8/99 25/99
Delete Depth 5 meters 44° 46.7′ N 140° 20.3′ E
Add Depth 9.2 meters 44° 47.9′ N 140° 18.5′ E
(19(800)99 Tokyo)

96012 16Ed. 6/24/95 LAST NM 25/99 51/99
Add Dangerous wreck [K28] 46° 21.6′ N 142° 19.8′ E
(14(1958)98 St. Petersburg; Rus CH 63102)

96012 16Ed. 6/24/95 LAST NM 51/99 52/99
Add Light symbol 46° 21.2′ N 143° 22.5′ E
(Rus CH 63102)

96012 16Ed. 6/24/95 LAST NM 52/99 7/02
Add Light symbol 43° 52.5′ N 146° 48.8′ E
Light symbol with R Bn 43° 36.6′ N 146° 21.9′ E
Light symbol with R Bn 43° 43.9′ N 146° 42.6′ E
(Rus CH 62272; BA LL)

96012 16Ed. 6/24/95 LAST NM 7/02 8/02
Add Light symbol [P1] to R Bn 46° 49.4′ N 143° 13.1′ E
(Rus CH 63102)

96012 16Ed. 6/24/95 LAST NM 8/02 11/02
Add Position circle "Pipe" [L23] 48° 15.0′ N 143° 04.4′ E
(Rus CH 62173)

96012 16Ed. 6/24/95 LAST NM 11/02 32/04
Add Submarine cable [L30.1] joining 43° 16.3′ N 141° 10.5′ E
43° 24.6′ N 141° 00.1′ E
43° 33.1′ N 140° 55.8′ E
43° 36.1′ N 140° 46.3′ E
43° 43.8′ N 140° 36.3′ E
43° 43.9′ N 140° 16.0′ E
43° 49.3′ N 140° 09.8′ E
43° 49.5′ N 140° 02.7′ E
43° 42.0′ N 139° 52.8′ E

Submarine cable [L30.1] joining 43° 16.3′ N 141° 10.5′ E
43° 23.7′ N 140° 58.7′ E
43° 32.7′ N 140° 53.5′ E
43° 42.0′ N 140° 20.0′ E
43° 42.0′ N 140° 17.0′ E
43° 38.0′ N 139° 55.0′ E
(35(1427)99 Tokyo)

96012 16Ed. 6/24/95 LAST NM 32/04 34/04
Add Depth 104 meters 45° 47.2′ N 141° 20.9′ E
(16(433)04 Tokyo)

96012 16Ed. 6/24/95 LAST NM 34/04 45/04
Add Depth 62 meters Wk [K26] 48° 18.7′ N 140° 15.1′ E
(16(2390)04 St. Petersburg)

96012 16Ed. 6/24/95 LAST NM 45/04 8/05
Add Wreck [K29] 43° 06.6′ N 145° 33.8′ E
Wreck [K29] 42° 50.9′ N 145° 01.3′ E
(51(1321)04, 2(34)05 Tokyo)

96012 16Ed. 6/24/95 LAST NM 8/05 32/05
Add Submarine cable [L30.1] joining 42° 53.5′ N 134° 10.0′ E
43° 17.6′ N 134° 55.9′ E
43° 20.3′ N 135° 02.6′ E
43° 26.5′ N 135° 11.1′ E
43° 27.3′ N 135° 11.0′ E
43° 27.9′ N 135° 12.9′ E
43° 42.9′ N 135° 30.1′ E
43° 48.5′ N 135° 29.6′ E
(52(8140)04 St. Petersburg)

96012 16Ed. 6/24/95 LAST NM 32/05 37/05
Delete Danger circle "Obstn" 46° 32.6′ N 142° 40.6′ E
(17(2276)05 St. Petersburg)

96012 16Ed. 6/24/95 LAST NM 37/05 24/08
Delete R Bn at light 42° 58.2′ N 144° 22.4′ E
(8(247)08 Tokyo)

★**96016** 7Ed. 4/20/91 NEW EDITION 27/91
Delete NAUTO from light 54° 25.1′ N 142° 43.0′ E

Relocate Legend "AREA NO 215" close W to
48° 32.0′ N 144° 30.0′ E

Change Legend to
"AREA TO BE AVOIDED CAUTION NO 5"
48° 28.0′ N 145° 16.0′ E

Add R Bn 52° 20.0′ N 143° 10.0′ E
(DMAHTC; MCNM1046/90)

96016 7Ed. 4/20/91 LAST NM 27/91 10/92
Delete R Bn 53° 18′ N 141° 28′ E

Substitute R Bn for position circle "TR" 53° 18′ N 141° 25′ E
(46(7341)91 St. Petersburg)

96016 7Ed. 4/20/91 LAST NM 10/92 15/92
Substitute R Bn for consol beacon 49° 04.2′ N 144° 21.0′ E
(BA RA)

96016 7Ed. 4/20/91 LAST NM 15/92 52/92
Delete R Bn at light 50° 06′ N 140° 41′ E
(34(5515)92 St. Petersburg)

96016 7Ed. 4/20/91 LAST NM 52/92 50/93
Delete R Bn 49° 04.2′ N 144° 21.0′ E
(23(3545)93 St. Petersburg)

96016 7Ed. 4/20/91 LAST NM 50/93 21/94
Delete Light 49° 47.1′ N 140° 31.0′ E
51° 02.0′ N 140° 40.0′ E

Add Light
Fl 50° 01.5′ N 142° 08.2′ E
L Fl R 49° 37.8′ N 142° 08.9′ E
(BA CH 3340)

96016 7Ed. 4/20/91 LAST NM 21/94 31/94
Add Buoy (mooring) with legend
"(2 Buoys)" 49° 45.1′ N 141° 02.3′ E
(15(2069)94 St. Petersburg)

96016 7Ed. 4/20/91 LAST NM 31/94 3/96
Delete Depth 9.1 meters Rk (PA) 48° 31′ N 145° 11′ E
(SMEA005/96)

96016 7Ed. 4/20/91 LAST NM 3/96 6/96
Delete Fog signal from light
DIA 48° 27′ N 140° 10′ E
NAUTO 48° 47′ N 141° 51′ E
NAUTO 49° 18′ N 140° 25′ E
NAUTO BELL 51° 26′ N 140° 53′ E
(31(4570)95 St. Petersburg)

96016 7Ed. 4/20/91 LAST NM 6/96 7/96
Add "DANGER AREA NO 17" bound by
purple composite line joining 52° 58′ N 144° 07′ E
53° 15′ N 144° 07′ E
53° 15′ N 144° 44′ E
52° 58′ N 144° 44′ E

"DANGER AREA NO 19" bound by
purple composite-line circle,
radius 5 miles, centered 52° 31′ N 143° 40′ E

"DANGER AREA NO 20" bound by
purple composite line joining 48° 42′ N 145° 09′ E
48° 55′ N 144° 42′ E
50° 32′ N 144° 00′ E
50° 32′ N 144° 35′ E
50° 00′ N 144° 47′ E
49° 00′ N 145° 27′ E
48° 42′ N 145° 27′ E
(40(5843, 5844)95 St. Petersburg)

96016 7Ed. 4/20/91 LAST NM 7/96 2/97
Delete "DANGER AREA NO 17" in vicinity 53° 06′ N 144° 25′ E
"DANGER AREA NO 19" 53° 31′ N 143° 40′ E
"DANGER AREA NO 20" 49° 30′ N 144° 50′ E
(See 7/96-96016)

Add "AREA NO 17 CAUTION NO 9" bound by
purple dashed line joining 52° 58′ N 144° 07′ E
53° 15′ N 144° 07′ E
53° 15′ N 144° 44′ E
52° 58′ N 144° 44′ E

"AREA NO 19 CAUTION NO 9" bound by
purple dashed-line circle, radius
5 miles, centered 52° 31′ N 143° 40′ E

(continued on next page)

96016 (Continued) 2/97
"AREA NO 20 CAUTION NO 9" bound by
purple dashed line joining 48° 42′ N 145° 09′ E
48° 55′ N 144° 42′ E
50° 32′ N 144° 00′ E
50° 32′ N 144° 35′ E
50° 00′ N 144° 47′ E
49° 00′ N 145° 27′ E
48° 42′ N 145° 27′ E

Caution No 9 to CAUTIONS note
"9. Mariners are warned to exercise caution within the area indicated. The detail of these areas has not been derived from adequate hydrographic surveys and uncharted dangers may exist." 52° 10′ N 140° 35′ E
(GIMM059/96)

96016 7Ed. 4/20/91 LAST NM 2/97 21/97
Substitute Light with R Bn symbol for radiobeacon
53° 57.2′ N 140° 19.1′ E
(10(906)97 Taunton)

96016 7Ed. 4/20/91 LAST NM 21/97 22/97
Substitute Light L Fl 22M R Bn for radiobeacon 53° 18′ N 141° 25′ E
(BA LL)

96016 7Ed. 4/20/91 LAST NM 22/97 34/99
Add Platform [L2] Mo(UG) 15M, Mo(U) R 4M
52° 43.0′ N 143° 34.0′ E
(6(560)99 St. Petersburg)

96016 7Ed. 4/20/91 LAST NM 34/99 36/01
Delete Dangerous wreck (PD) 53° 31.7′ N 141° 24.4′ E

Add Light Iso 53° 38.9′ N 142° 29.6′ E
Light Fl 54° 18.6′ N 142° 15.8′ E
(Rus CH 62177; BA LL)

96016 7Ed. 4/20/91 LAST NM 36/01 51/01
Delete Light 49° 09.9′ N 143° 01.5′ E
(4(343)99 St. Petersburg)

96016 7Ed. 4/20/91 LAST NM 51/01 11/02
Delete Position circle "TR" 48° 41.9′ N 142° 49.0′ E
Position circle "2 CHYS" 48° 58.4′ N 142° 57.5′ E
Danger circle "Obstr Rep (1937)" 48° 47.5′ N 144° 34.0′ E
Position circle "TR" 48° 42.8′ N 144° 39.2′ E
Position circle "MAST" 48° 42.0′ N 144° 40.0′ E
Position circles (5) "TRS" in vicinity
49° 04.0′ N 144° 21.0′ E
(Rus CH 62173)

96016 7Ed. 4/20/91 LAST NM 11/02 12/02
Relocate R Bn from 52° 51.8′ N 143° 17.8′ E to
52° 51.0′ N 143° 18.5′ E

Add Light Fl 50° 00.9′ N 143° 59.8′ E
Light Fl 50° 40.5′ N 143° 41.6′ E
Light Oc 52° 51.0′ N 143° 18.5′ E
(Rus CH 62174, 62175; BA LL)

96016 7Ed. 4/20/91 LAST NM 12/02 51/03
Add Light Fl 52° 21.5′ N 143° 11.4′ E
(38(3513)99 Taunton)

96016 7Ed. 4/20/91 LAST NM 51/03 46/04
Delete Legend "PD" 52° 13.9′ N 143° 27.0′ E
(15(2237)04 St. Petersburg)

96016 7Ed. 4/20/91 LAST NM 46/04 16/06
Add Danger circle "Obstn" [K40] 53° 48.4′ N 143° 32.3′ E
(51(7286)05 St. Petersburg)

96016 7Ed. 4/20/91 LAST NM 16/06 42/06
Add Submarine pipeline [L40.1] joining 52° 43.2′ N 143° 34.1′ E
52° 42.6′ N 143° 39.1′ E
52° 35.4′ N 143° 39.4′ E
52° 35.4′ N 143° 37.6′ E
52° 34.4′ N 143° 38.4′ E
52° 32.3′ N 143° 31.5′ E
52° 32.0′ N 143° 18.3′ E
(NTM0015/2006)

96016 7Ed. 4/20/91 LAST NM 42/06 20/12
Delete Depth 3.6 meters, blue tint and enclosing
dotted-line circle centered 52° 14.0′ N 143° 24.0′ E
(14(2018)12 St. Petersburg)

★96020 4Ed. 3/9/96 NEW EDITION 20/96
Change Light to
F Fl R 12/8M 44° 11′ N 143° 47′ E
Fl(2) 25M 44° 20′ N 145° 20′ E
(DMA; Jpn LL)

96020 4Ed. 3/9/96 LAST NM 20/96 25/96
Add Light
Fl 5s 5M 47° 09.1′ N 152° 17.4′ E
Fl 12s 15M 46° 49.6′ N 151° 52.3′ E
Fl 5s 9M 46° 13.5′ N 150° 20.1′ E

Danger circle
"Volcanic Activity Rep (1980)" 46° 31.8′ N 151° 46.7′ E

Depth
92 meters 46° 17.3′ N 150° 16.2′ E
541 meters 45° 57.9′ N 149° 24.0′ E
(17(1439)96 Taunton; BA LL)

96020 4Ed. 3/9/96 LAST NM 25/96 33/96
Substitute Light Fl 9M R Bn for R Bn 45° 25.5′ N 147° 55.0′ E
(27(2251)96 Taunton; BA LL)

96020 4Ed. 3/9/96 LAST NM 33/96 2/97
Substitute Purple dashed line for purple
composite line joining 47° 55′ N 143° 15′ E
48° 00′ N 144° 24′ E
47° 39′ N 144° 21′ E
47° 24′ N 143° 29′ E
44° 40′ N 143° 15′ E

Change Legend to "AREA NO 42 CAUTION NO 4"
47° 44′ N 143° 50′ E

Add Caution No 4 to CAUTIONS note
"4. Mariners are warned to exercise caution within the area indicated. The detail of these areas has not been derived from adequate hydrographic surveys and uncharted dangers may exist." 47° 20.0′ N 148° 33.5′ E
(GIMM059/96)

96020 4Ed. 3/9/96 LAST NM 2/97 41/97
Delete Depth 81 meters 46° 31.3′ N 151° 26.0′ E
Danger circle "Volcanic...1978)" 46° 06.8′ N 151° 31.0′ E

Substitute Depth 37 meters for 73 meters 46° 29.1′ N 151° 54.9′ E

Change Note to
"NOTES
1. The Traffic Separation Scheme in Proliv Bussol is approved by the International Maritime Organization (IMO).
2. The Traffic Separation Schemes NW and SW of Ostrova Chernyye Bratya are not approved by the International Maritime Organization (IMO).
3. Geographic names and their spelling in the islands administered by Russia do not necessarily reflect recognition of the political status of the area by the United States Government." 47° 54.0′ N 149° 01.0′ E

Add Depth
96 meters 46° 10.4′ N 150° 38.7′ E
82 meters 46° 19.2′ N 150° 43.5′ E
185 meters 46° 17.1′ N 150° 25.8′ E
502 meters 46° 29.7′ N 151° 23.5′ E
31 meters 46° 41.1′ N 150° 47.7′ E
666 meters 46° 54.8′ N 150° 29.7′ E
1074 meters 47° 00.5′ N 150° 24.7′ E
908 meters 47° 07.0′ N 150° 28.0′ E
1094 meters 47° 05.8′ N 150° 47.3′ E
1326 meters 47° 03.5′ N 151° 08.6′ E
198 meters 47° 12.6′ N 152° 22.4′ E
458 meters 47° 00.5′ N 152° 24.7′ E
584 meters 46° 51.2′ N 152° 24.5′ E
522 meters 46° 44.6′ N 152° 17.6′ E
48 meters 46° 44.7′ N 151° 45.3′ E

(continued on next page)

96020 (Continued) 41/97

Purple heavy dashed line (outside limit of traffic lane)
between 46° 38.0′ N 150° 43.8′ E
46° 40.6′ N 150° 49.0′ E

between 46° 33.2′ N 150° 48.5′ E
46° 35.8′ N 150° 53.7′ E

between 46° 26.9′ N 150° 41.5′ E
46° 15.8′ N 150° 55.2′ E

between 46° 22.8′ N 150° 34.1′ E
46° 11.5′ N 150° 47.7′ E

Purple tint area (traffic separation)
2 miles wide on centerline between
46° 35.8′ N 150° 46.2′ E
46° 38.4′ N 150° 51.2′ E

1.5 miles wide on centerline between
46° 25.0′ N 150° 37.8′ E
46° 13.4′ N 150° 51.5′ E

Open-outlined arrow indicating flow of traffic oriented
234° 46° 35.5′ N 150° 50.7′ E
054° 46° 38.4′ N 150° 46.2′ E
320° 46° 17.0′ N 150° 50.5′ E
320° 46° 24.3′ N 150° 42.1′ E
140° 46° 21.8′ N 150° 37.8′ E
140° 46° 14.6′ N 150° 46.5′ E
(Rus CH 62274)

96020 4Ed. 3/9/96 LAST NM 41/97 45/97
Change Light to L Fl 22M R Bn Racon 45° 34.8′ N 149° 24.0′ E
(GIMM046/96)

96020 4Ed. 3/9/96 LAST NM 45/97 47/97
Delete Depth
182 meters 45° 15.0′ N 147° 27.0′ E
670 meters 45° 31.5′ N 147° 30.0′ E

Change Note to
"NOTES
1. The Traffic Separation Schemes in Proliv Bussol and off Mys Aniva are approved by the International Maritime Organization (IMO).
2. The Traffic Separation Schemes NW and SW of Ostrova Chernyye Bratya, and in Proliv Yekateriny are not approved by the IMO.
3. Geographic names and their spelling in the islands administered by Russia do not necessarily reflect recognition of the political status of the area by the United States Government." 47° 54.0′ N 149° 01.0′ E
(See 41/97-96020)

Add Depth
99 meters 44° 22.2′ N 146° 54.0′ E
98 meters 44° 45.0′ N 146° 42.4′ E
192 meters 44° 49.0′ N 146° 24.2′ E
144 meters 45° 01.5′ N 147° 01.5′ E
175 meters 45° 15.5′ N 147° 25.5′ E
655 meters 45° 32.5′ N 147° 28.8′ E
99 meters 45° 31.5′ N 148° 17.5′ E
217 meters 45° 39.0′ N 148° 22.5′ E
305 meters 45° 44.0′ N 148° 14.5′ E
397 meters 45° 44.5′ N 148° 18.9′ E
391 meters 45° 47.0′ N 148° 19.9′ E

"AREA NO 266 CAUTION 5" area bound by shore and purple composite line joining
46° 23.0′ N 143° 37.0′ E
46° 22.2′ N 143° 50.0′ E
46° 37.0′ N 143° 46.5′ E
46° 26.5′ N 143° 34.0′ E

Purple tint area (traffic separation zone) bound by limit
joining
45° 57.5′ N 143° 41.4′ E
45° 53.6′ N 143° 31.2′ E
45° 52.0′ N 143° 20.5′ E
45° 55.6′ N 143° 19.7′ E
45° 57.1′ N 143° 28.8′ E
46° 01.0′ N 143° 38.3′ E

joining
44° 31.5′ N 146° 44.7′ E
44° 23.0′ N 146° 44.7′ E
44° 23.0′ N 146° 42.0′ E
44° 31.0′ N 146° 42.0′ E

Purple heavy dashed line (outside limit of traffic lane)
joining
45° 55.0′ N 143° 43.2′ E
45° 51.5′ N 143° 32.7′ E
45° 49.8′ N 143° 20.3′ E

joining
46° 05.7′ N 143° 35.7′ E
45° 59.0′ N 143° 26.0′ E
45° 59.3′ N 143° 20.0′ E

between
44° 31.5′ N 146° 48.5′ E
44° 23.0′ N 146° 48.5′ E

between
44° 31.5′ N 146° 38.5′ E
44° 23.0′ N 146° 38.5′ E

Open-outlined arrow indicating flow of traffic oriented
242° 46° 02.0′ N 143° 34.0′ E
261° 45° 57.5′ N 143° 23.0′ E
074° 45° 51.5′ N 143° 25.0′ E
061° 45° 54.0′ N 143° 36.0′ E
000° 44° 27.0′ N 146° 46.8′ E
180° 44° 27.0′ N 146° 40.0′ E

Caution No. 5 to CAUTIONS Note
"5. Anchoring, fishing and underwater explosions are prohibited." 47° 20.0′ N 148° 33.5′ E
(See 2/97-96020)
(Rus CH 61018)

96020 4Ed. 3/9/96 LAST NM 47/97 22/98
Change Visibility (range) of light to 8M 45° 00.0′ N 147° 44.0′ E

Add Purple tint area (traffic separation zone) bound by limit joining
45° 20.0′ N 149° 11.0′ E
45° 21.8′ N 149° 16.4′ E
45° 40.4′ N 149° 06.8′ E
45° 38.6′ N 149° 01.4′ E

Purple heavy dashed line (outside limit of traffic lane)
between
45° 22.8′ N 149° 20.2′ E
45° 41.3′ N 149° 10.6′ E

between
45° 19.1′ N 149° 07.2′ E
45° 37.8′ N 148° 57.6′ E

Purple open-outlined arrow indicating flow of traffic oriented
340° 45° 23.3′ N 149° 17.6′ E
340° 45° 38.9′ N 149° 09.7′ E
160° 45° 37.0′ N 149° 00.6′ E
160° 45° 21.0′ N 149° 08.2′ E
(GIMM018/98; 43(3855)97 Taunton)

96020 4Ed. 3/9/96 LAST NM 22/98 23/98
Change Note No 2 of NOTES to
"2. The Traffic Separation Schemes NW and SW of Ostrova Chernyye Bratya, in Etorofu Strait and in Proliv Yekateriny are not approved by the International Maritime Organization (IMO)." 47° 54.0′ N 149° 01.0′ E
(See 47/97-96020)
(GIMM027/98)

96020 4Ed. 3/9/96 LAST NM 23/98 46/98
Add Racon at light 46° 02.0′ N 143° 25.1′ E
(11(1451)98 St. Petersburg)

96020 4Ed. 3/9/96 LAST NM 46/98 8/99
Delete SIREN from light 46° 50.8′ N 143° 26.0′ E
(25(3728)98 St. Petersburg)

96020 4Ed. 3/9/96 LAST NM 8/99 6/02
Add Legend "CAUTION NO 2" 47° 16.0′ N 152° 05.0′ E
Depth 510 meters 47° 25.0′ N 152° 01.0′ E
Depth 412 meters 47° 36.5′ N 152° 12.5′ E
(Rus CH 62275)

96020 4Ed. 3/9/96 LAST NM 6/02 7/02
Add Legend "CAUTION NO 2" 44° 45.0′ N 147° 00.0′ E
Legend "CAUTION NO 2" 44° 27.1′ N 147° 15.0′ E
(Rus CH 62272)

96020 4Ed. 3/9/96 LAST NM 7/02 41/02
Add Wreck [K29] 45° 19.0′ N 150° 15.1′ E
(51(8527)00 St. Petersburg)

96020 4Ed. 3/9/96 LAST NM 41/02 45/09
Change Light to Fl 21M 44° 05.8′ N 145° 01.3′ E
(36(1555)09 Tokyo)

96020 4Ed. 3/9/96 LAST NM 45/09 22/12
Change Visibility (range) of light to 7/4M 44° 11.0′ N 143° 46.9′ E
(19(372)12 Tokyo)

★96024 3Ed. 7/29/95 NEW EDITION 37/95
Change Legend in upper left margin of chart
"SCALE 1:95,000 AT LAT. 68° 35′ " to
"SCALE 1:640,210 AT LAT. 49° 00′ "
(DMA)

96024 3Ed. 7/29/95 LAST NM 37/95 25/96
Add Light
Fl 5s 5M 47° 09.1′ N 152° 17.4′ E
Fl 12s 15M 46° 49.6′ N 151° 52.3′ E

Danger circle
"Volcanic Activity Rep (1980)" 46° 31.8′ N 151° 46.7′ E
(17(1439)96 Taunton; BA LL)

96024 3Ed. 7/29/95 LAST NM 25/96 34/96
Delete R Bn 50° 48.9′ N 156° 27.0′ E
(BA RA)

96024 3Ed. 7/29/95 LAST NM 34/96 35/96
Substitute Depth 624 meters for 758 meters 50° 42.5′ N 153° 46.0′ E

Add Depth
121 meters 49° 49.2′ N 155° 10.0′ E
33 meters 50° 46.5′ N 155° 50.0′ E
(Rus CH 61036)

96024 3Ed. 7/29/95 LAST NM 35/96 18/97
Add R Bn at light 48° 04.4′ N 153° 17.5′ E
(BA RA)

96024 3Ed. 7/29/95 LAST NM 18/97 41/97
Delete Depth 81 meters 46° 31.3′ N 151° 26.0′ E
Danger circle "Volcanic...1978)" 46° 06.8′ N 151° 31.0′ E

Substitute Depth 37 meters for 73 meters 46° 29.1′ N 151° 54.9′ E

Change Note in lower left margin of chart to
"NOTES
1. The Traffic Separation Scheme in Proliv Bussol is approved by the International Maritime Organization (IMO).
2. The Traffic Separation Schemes SW of Ostrova Chernyye Bratya is not approved by the International Maritime Organization (IMO)."

Add Depth
82 meters 46° 19.2′ N 150° 43.5′ E
502 meters 46° 29.7′ N 151° 23.5′ E
31 meters 46° 41.1′ N 150° 47.7′ E
1094 meters 47° 05.8′ N 150° 47.3′ E
1326 meters 47° 03.5′ N 151° 08.6′ E
198 meters 47° 12.6′ N 152° 22.4′ E
458 meters 47° 00.5′ N 152° 24.7′ E
584 meters 46° 51.2′ N 152° 24.5′ E
522 meters 46° 44.0′ N 152° 17.8′ E
48 meters 46° 44.7′ N 151° 45.3′ E

Purple heavy dashed line (outside limit of traffic lane)
between 46° 38.0′ N 150° 43.8′ E
46° 40.6′ N 150° 49.0′ E

between 46° 33.2′ N 150° 48.5′ E
46° 35.8′ N 150° 53.7′ E

Purple tint area (traffic separation)
2 miles wide on centerline between 46° 35.8′ N 150° 46.2′ E
46° 38.4′ N 150° 51.2′ E

Open-outlined arrow indicating flow of traffic oriented
234° 46° 35.5′ N 150° 50.7′ E
054° 46° 38.4′ N 150° 46.2′ E
(Rus CH 62274)

96024 3Ed. 7/29/95 LAST NM 41/97 23/98
Substitute Depth 37 meters for 73 meters 46° 29.1′ N 150° 54.9′ E
(See 41/97-96024)
(Rus CH 62274)

96024 3Ed. 7/29/95 LAST NM 23/98 8/99
Delete Light 50° 03.2′ N 155° 14.0′ E
50° 49.9′ N 155° 39.9′ E
(20(3003, 3005)98 St. Petersburg)

96024 3Ed. 7/29/95 LAST NM 8/99 12/01
Add Light Fl 5s 9M 50° 56.2′ N 156° 46.5′ E
Light L Fl 6s 9M 51° 06.2′ N 156° 42.3′ E
(40(6633, 6646)00 St. Petersburg)

96024 3Ed. 7/29/95 LAST NM 12/01 6/02
Delete "CAUTION NO 1" area and legend in vicinity
50° 49.0′ N 156° 08.0′ E

Substitute Depth 186 meters enclosed by depth contour (200-meters) for 245 meters 47° 57.5′ N 154° 31.0′ E

Add Legend "CAUTION NO 1" 50° 17.0′ N 155° 06.0′ E
Legend "CAUTION NO 1" 49° 40.0′ N 154° 43.0′ E
Legend "CAUTION NO 1" 50° 24.0′ N 156° 07.0′ E

Depth 120 meters enclosed by depth contour (200-meters) 49° 41.7′ N 154° 15.8′ E
Depth 139 meters enclosed by depth contour (200-meters) 49° 36.6′ N 154° 14.2′ E

Legend "CAUTION NO 1" 48° 40.0′ N 154° 10.0′ E
Legend "CAUTION NO 1" 48° 14.0′ N 153° 15.0′ E
Legend "CAUTION NO 1" 47° 14.0′ N 152° 11.0′ E
Depth 510 meters 47° 25.0′ N 152° 01.0′ E
Depth 412 meters 47° 36.5′ N 152° 12.5′ E

Depth 86 meters enclosed by depth contour (200-meters) 48° 17.2′ N 154° 32.0′ E
(Rus CH 62275, 62277)

96024 3Ed. 7/29/95 LAST NM 6/02 7/02
Change Visibility (range) of light to 22M 50° 46.0′ N 156° 12.0′ E

Add Light Fl 9M 50° 11.6′ N 155° 44.6′ E
(Rus CH 62277)

96024 3Ed. 7/29/95 LAST NM 7/02 8/02
Delete Light 50° 52.3′ N 156° 39.8′ E
Note: R Bn remains
(BA LL)

96024 3Ed. 7/29/95 LAST NM 8/02 5/10
Add Light Fl 9M 50° 50.3′ N 155° 39.8′ E
(41(5506)09 St. Petersburg)

96024 3Ed. 7/29/95 LAST NM 5/10 14/10
Delete Depth 33 meters 50° 46.5′ N 155° 50.0′ E
(18(2737)04 St. Petersburg)

96024 3Ed. 7/29/95 LAST NM 14/10 32/11
Add Depth 183 meters enclosed by depth contour (200-meter) centered 48° 11.9′ N 155° 06.7′ E
Depth 182 meters enclosed by depth contour (200-meter) centered 48° 24.5′ N 155° 03.8′ E
Depth 171 meters enclosed by depth contour (200-meter) centered 48° 46.1′ N 154° 58.0′ E
Depth 175 meters enclosed by depth contour (200-meter) centered 48° 40.1′ N 154° 53.2′ E
Depth 76 meters enclosed by depth contour (200-meter) centered 48° 28.0′ N 154° 35.0′ E
Depth 55 meters enclosed by depth contour (200-meter) centered 48° 20.0′ N 153° 54.3′ E
(Jpn CH W1020)

★96028 5Ed. 8/13/94 NEW EDITION 39/94
Delete Legend "PA" from light 50° 50′ N 155° 39′ E

(continued on next page)

96028 (Continued) 39/94
Change Light to
L Fl R 16M NAUTO R Bn 50° 52′ N 156° 28′ E
Fl(3) 23M R Bn 55° 07′ N 155° 36′ E

Caution No.3 of CAUTIONS note to
"3. Navigation Regulations for this area are published in the U.S. Coast Pilot or weekly Notice to Mariners which include new or revised regulations." 55° 56′ N 159° 05′ E
(DMAHTC; BA LL)

96028 5Ed. 8/13/94 LAST NM 39/94 35/95
Delete Depth 505 meters 55° 23′ N 167° 15′ E

Add Depth 365 meters 55° 24.5′ N 167° 15.0′ E
(29(2343)95 Taunton)

96028 5Ed. 8/13/94 LAST NM 35/95 34/96
Delete R Bn (PA) 50° 49′ N 156° 28′ E
(BA RA)

96028 5Ed. 8/13/94 LAST NM 34/96 17/97
Add "AREA 34 CAUTION NO 6" bound by purple dashed line joining 55° 20′ N 167° 06′ E
55° 28′ N 167° 06′ E
55° 28′ N 167° 32′ E
55° 20′ N 167° 32′ E

"AREA 32 CAUTION NO 6" bound by purple dashed line joining 55° 36′ N 164° 46′ E
55° 43′ N 164° 50′ E
55° 35′ N 165° 33′ E
55° 27′ N 165° 28′ E

Purple dashed line joining 56° 30′ N 154° 40′ E
54° 24′ N 154° 40′ E
52° 24′ N 155° 16′ E
51° 50′ N 155° 52′ E
53° 42′ N 155° 47′ E
54° 57′ N 155° 29′ E
55° 25′ N 155° 21′ E
56° 30′ N 155° 44′ E

Legend "AREA 24 CAUTION NO 6" 54° 00′ N 155° 16′ E

Caution No. 6 to CAUTIONS note
"6. Mariners are warned to exercise caution within the areas indicated. The detail of these areas has not been derived from adequate hydrographic surveys and uncharted dangers may exist." 55° 34′ N 160° 00′ E
(20(3000, 3002)96 St. Petersburg; GIMM059/96)

96028 5Ed. 8/13/94 LAST NM 17/97 18/97
Add R Bn 52° 26.0′ N 158° 30.2′ E
(BA RA)

96028 5Ed. 8/13/94 LAST NM 18/97 19/97
Add R Bn 52° 36.7′ N 158° 27.3′ E
(BA RA; Rus CH 61036)

96028 5Ed. 8/13/94 LAST NM 19/97 23/97
Delete Fog signal from light
HORN 50° 46.1′ N 156° 12.0′ E
NAUTO 50° 51.9′ N 156° 28.2′ E
(12(1084)97 Taunton; BA LL)

96028 5Ed. 8/13/94 LAST NM 23/97 33/01
Change Visibility (range) of light to 12M 51° 29.2′ N 156° 29.6′ E
(17(2478)01 St. Petersburg)

96028 5Ed. 8/13/94 LAST NM 33/01 6/02
Delete Light 50° 50.0′ N 155° 39.0′ E
(Rus CH 62277)

96028 5Ed. 8/13/94 LAST NM 6/02 7/02
Change Visibility (range) of light to 22M 50° 46.0′ N 156° 12.0′ E
(Rus CH 62277)

96028 5Ed. 8/13/94 LAST NM 7/02 8/02
Delete Light 50° 52.3′ N 156° 39.8′ E

Note: R Bn remains
(BA LL)

96028 5Ed. 8/13/94 LAST NM 8/02 51/03
Delete Depth 27 meters Wk 52° 28.9′ N 156° 02.3′ E
Depth 25 meters Wk 52° 46.6′ N 155° 56.4′ E

Add Depth 28 meters Obstn [K41] 53° 10.4′ N 155° 51.8′ E
(38(3515)99 Taunton)

96028 5Ed. 8/13/94 LAST NM 51/03 20/04
Delete R Bn 54° 44.1′ N 162° 07.3′ E
(36(5870)03 St. Petersburg)

96028 5Ed. 8/13/94 LAST NM 20/04 19/06
Delete Islet, blue tint and dotted-line circle centered 54° 57.5′ N 165° 54.0′ E

Islet 54° 55.0′ N 166° 05.5′ E
Islet 54° 55.5′ N 166° 09.0′ E
(Rus CH 64201)

96028 5Ed. 8/13/94 LAST NM 19/06 1/10
Add Superbuoy DART [Q58] "21415" Y, Fl(4) Y 20s (PA) 50° 10.4′ N 171° 50.2′ E
(45/09 CG17)

96028 5Ed. 8/13/94 LAST NM 1/10 45/10
Delete Legend "R Bn" 52° 53.0′ N 173° 13.0′ E
Position circle "LORAN TOWER" 52° 50.0′ N 173° 10.0′ E
(40, 41/10 CG17)

96028 5Ed. 8/13/94 LAST NM 45/10 25/12
Add Danger circle "Obstn" [K40] 54° 48.9′ N 155° 26.7′ E
(22(3356)12 St. Petersburg)

96028 5Ed. 8/13/94 LAST NM 25/12 3/13
Delete Purple dashed-line area and legend "AREA 32 CAUTION NO 6" in vicinity 55° 34.0′ N 165° 10.0′ E
(46(6965)12 St. Petersburg)

★**96032** 3Ed. 8/5/95 NEW EDITION 40/95
Delete Depth 505 meters 55° 23′ N 167° 14′ E
(Previously published 35/95)

Add Depth
365 meters 55° 24.5′ N 167° 15.0′ E
395 meters 58° 20.0′ N 170° 17.5′ E
82 meters 59° 09.0′ N 166° 08.0′ E
(Previously published 35/95)
(DMA)

96032 3Ed. 8/5/95 LAST NM 40/95 37/96
Add Light symbol to R Bn 62° 22′ N 179° 10′ E
(Rus CH 62290; BA LL)

96032 3Ed. 8/5/95 LAST NM 37/96 17/97
Add "AREA 37 CAUTION NO 4" bound by purple dashed line joining 59° 04′ N 165° 54′ E
59° 14′ N 165° 54′ E
59° 14′ N 166° 22′ E
59° 04′ N 166° 22′ E

"AREA 34 CAUTION NO 4" bound by purple dashed line joining 55° 20′ N 167° 06′ E
55° 28′ N 167° 06′ E
55° 28′ N 167° 32′ E
55° 20′ N 167° 32′ E

"AREA 32 CAUTION NO 4" bound by purple dashed line joining 55° 36′ N 164° 46′ E
55° 43′ N 164° 50′ E
55° 35′ N 165° 33′ E
55° 27′ N 165° 28′ E

Caution No. 4 to CAUTIONS note
"4. Mariners are warned to exercise caution within the areas indicated. The detail of these areas has not been derived from adequate hydrographic surveys and uncharted dangers may exist." 61° 00′ N 166° 00′ E
(20(2999, 3000)96 St. Petersburg; GIMM059/96)

96032 3Ed. 8/5/95 LAST NM 17/97 8/99
Delete Light 59° 37′ N 164° 39′ E
(20(3000)98 St. Petersburg)

★96032 3Ed. 8/5/95 LAST NM 8/99 22/99
Relocate Superbuoy ODAS "46035" close SW to
56° 54.6′ N 177° 48.6′ W
(GIMM021/99)

96032 3Ed. 8/5/95 LAST NM 22/99 14/01
Add Light symbol 59° 37.1′ N 164° 38.8′ E
(46(7693)00 St. Petersburg)

96032 3Ed. 8/5/95 LAST NM 14/01 40/01
Add Wreck [K29] 58° 56.4′ N 175° 53.2′ W
(32/01 CG17)

★96032 3Ed. 8/5/95 LAST NM 40/01 48/01
Relocate Superbuoy ODAS "46035" from
56° 54.6′ N 177° 48.6′ W to 57° 04.6′ N 177° 42.5′ W
(NTM0020/2001)

96032 3Ed. 8/5/95 LAST NM 48/01 38/02
Delete Superbuoy ODAS "46035" 57° 04.6′ N 177° 42.5′ W
(NTM0031/2002)

★96032 3Ed. 8/5/95 LAST NM 38/02 34/03
Add Superbuoy ODAS [Q58] "46035" Y,
Fl(4) Y 20s 57° 03.0′ N 177° 34.6′ W
(26/03 CG17)

96032 3Ed. 8/5/95 LAST NM 34/03 51/03
Add Light symbol 59° 54.3′ N 166° 23.9′ E
(38(3516)99 Taunton)

96032 3Ed. 8/5/95 LAST NM 51/03 20/04
Delete R Bn 54° 45.0′ N 162° 06.2′ E
(36(5870)03 St. Petersburg)

96032 3Ed. 8/5/95 LAST NM 20/04 35/07
Delete R Bn at light 57° 43.0′ N 163° 17.5′ E
(NTM0011/2007)

96032 3Ed. 8/5/95 LAST NM 35/07 42/08
Add Superbuoy ODAS [Q58] "46070" Y,
Fl(4) Y 20s (Priv) (PA) 55° 00.2′ N 175° 17.0′ E
Superbuoy ODAS [Q58] "21414" Y,
Fl(4) Y 20s (Priv) (PA) 48° 56.5′ N 178° 16.2′ E
(39/08 CG17)

96032 3Ed. 8/5/95 LAST NM 42/08 41/10
Delete Superbuoy ODAS "21414" 48° 56.5′ N 178° 16.2′ E
(39/08 CG17)

★96032 3Ed. 8/5/95 LAST NM 41/10 21/11
Add Depth 135 meters enclosed by depth contour
(200-meter) centered 60° 02.4′ N 178° 33.8′ W
(NTM0016/2011)

96032 3Ed. 8/5/95 LAST NM 21/11 34/11
Delete Depth 215 meters 57° 15.2′ N 163° 30.0′ E

Add Depth 130 meters 57° 31.4′ N 163° 25.5′ E
Depth 136 meters 57° 15.7′ N 163° 26.9′ E
(36(3846)02 Taunton)

96032 3Ed. 8/5/95 LAST NM 34/11 3/13
Delete Purple dashed-line area and legend "AREA 32
CAUTION NO 4" in vicinity 55° 36.0′ N 165° 12.0′ E
(46(6965)12 St. Petersburg)

96032 3Ed. 8/5/95 LAST NM 3/13 8/13
Add Wreck [K29] "Rep" 61° 49.0′ N 176° 55.1′ E
(50(7667)12 St. Petersburg)

★96036 2Ed. 7/27/85 NEW EDITION 45/85
Delete Note "Vessels ... shore" 65° 42′ N 166° 56′ W
(DMAHTC; US CP)

96036 2Ed. 7/27/85 LAST NM 45/85 37/87
Delete Lights 62° 14.5′ N 179° 08.0′ E
63° 02.1′ N 179° 28.0′ E
64° 46.0′ N 175° 25.0′ W
64° 36.5′ N 172° 20.0′ W
64° 45.5′ N 172° 03.0′ W
66° 09.0′ N 169° 48.0′ W

Light 64° 33.8′ N 178° 31.5′ E
(Note: R Bn remains

Change Visibility (range) of light to 14M 66° 01.3′ N 169° 41.5′ W
(USSR LL)

96036 2Ed. 7/27/85 LAST NM 37/87 44/87
Delete Visibility (range) from light 66° 15.3′ N 166° 04.0′ W
(36/87 CG17)

96036 2Ed. 7/27/85 LAST NM 44/87 10/88
Delete Depth 8 ¼ fathoms 63° 57.4′ N 171° 41.0′ W

Add Depth 8 ¼ fathoms 64° 56.6′ N 171° 41.5′ W
(MCNM8063/88)

96036 2Ed. 7/27/85 LAST NM 10/88 12/88
Delete R Bn at light 65° 49′ N 169° 05′ W
(47(8670)87 Leningrad)

96036 2Ed. 7/27/85 LAST NM 12/88 18/88
Add Depth 23 fathoms 64° 59.2′ N 17° 51.9′ W
(4(589)88 Leningrad)

96036 2Ed. 7/27/85 LAST NM 18/88 24/88
Add Depth 23 fathoms 64° 59.2′ N 176° 51.9′ W
(Cancels 18/88-96036)
(4(589)88 Leningrad)

96036 2Ed. 7/27/85 LAST NM 24/88 16/90
Add R Bn 62° 20.5′ N 179° 09.5′ E
(2(129)90 Leningrad)

96036 2Ed. 7/27/85 LAST NM 16/90 34/91
Change Characteristic of light to Fl 6s 66° 01′ N 169° 43′ W
(BA LL)

96036 2Ed. 7/27/85 LAST NM 34/91 41/93
Delete Light 66° 58′ N 171° 55′ W
67° 50′ N 175° 49′ W
(24(3622)93 St. Petersburg)

96036 2Ed. 7/27/85 LAST NM 41/93 21/94
Delete Dashed line between 67° 35′ N 168° 59′ W
68° 14′ N 169° 00′ W

Dashed line and legend
"UNITED...LINE" between 65° 30.0′ N 168° 58.6′ W
62° 02.0′ N 176° 50.0′ W

Substitute Purple international maritime boundary
line for dashed line and legend
"UNITED...LINE" between 67° 35.0′ N 168° 58.6′ W
65° 30.0′ N 168° 58.6′ W

Add Purple international maritime boundary
line
between 67° 35.0′ N 168° 58.6′ W
68° 30.0′ N 168° 58.6′ W

joining 65° 30.0′ N 168° 58.6′ W
65° 20.0′ N 169° 21.6′ W
64° 59.7′ N 170° 07.4′ W
64° 18.3′ N 171° 37.7′ W
64° 07.8′ N 172° 00.0′ W
63° 25.5′ N 173° 32.5′ W
62° 00.0′ N 176° 26.0′ W

Legend
"RUSSIA" 67° 11.0′ N 169° 02.0′ W
"RUSSIA" 63° 49.0′ N 172° 45.0′ W
"UNITED STATES (see note)" 67° 11.0′ N 168° 52.0′ W
"UNITED STATES (see note)" 63° 47.0′ N 172° 37.0′ W

(continued on next page)

96036 (Continued) 21/94
Note
"NOTE
Maritime boundary provisionally applied
pending formal exchange of instruments
of ratification." 67° 20.0′ N 179° 24.0′ W
(MCC1339/94)

96036 2Ed. 7/27/85 LAST NM 21/94 9/95
Delete Light 64° 24.5′ N 178° 15.0′ E
(BA LL)

96036 2Ed. 7/27/85 LAST NM 9/95 11/95
Delete Light 67° 29′ N 174° 39′ W
(48(6908)94 St. Petersburg)

96036 2Ed. 7/27/85 LAST NM 11/95 30/95
Delete Light 66° 57′ N 171° 41′ W
66° 35′ N 171° 08′ W

Add Light
Fl 9M 66° 46.1′ N 171° 22.6′ W
Fl 10M 66° 33.4′ N 171° 03.4′ W
(Rus CH 14434; BA LL)

96036 2Ed. 7/27/85 LAST NM 30/95 32/95
Add Light Fl 11M 67° 02.5′ N 172° 46.0′ W
(Rus CH 12433; BA LL)

96036 2Ed. 7/27/85 LAST NM 32/95 7/96
Change Light to Fl 12M 65° 37′ N 170° 54′ W
(BA LL)

96036 2Ed. 7/27/85 LAST NM 7/96 37/96
Add Light Fl 18M to R Bn 62° 20.5′ N 179° 09.5′ E

Light
Fl 8M 62° 49.5′ N 179° 34.0′ E
Fl 9M 63° 05.9′ N 179° 27.0′ E
(Rus CH 62290; BA LL)

96036 2Ed. 7/27/85 LAST NM 37/96 51/96
Add "AREA 41 SEE CAUTION" bound by
purple dashed line joining 62° 28′ N 179° 40′ W
63° 04′ N 179° 52′ W
63° 39′ N 179° 35′ E
63° 39′ N 180° 00′
63° 58′ N 180° 00′
63° 58′ N 178° 30′ W
64° 17′ N 178° 30′ W
64° 17′ N 176° 30′ W
64° 50′ N 176° 30′ W
64° 15′ N 174° 34′ W
64° 00′ N 174° 34′ W
63° 55′ N 174° 50′ W

Caution note
"CAUTION
Mariners are warned to exercise caution
within the area indicated. The detail
of this area has not been derived
from adequate hydrographic surveys and
uncharted dangers may exist." 67° 10′ N 178° 30′ E
(GIMM059/96)

96036 2Ed. 7/27/85 LAST NM 51/96 41/98
Delete Light 65° 37′ N 170° 54′ W
(12(1595)98 St. Petersburg)

96036 2Ed. 7/27/85 LAST NM 41/98 8/99
Delete Light 66° 01.0′ N 170° 05.0′ W
(25(3727)98 St. Petersburg)

96036 2Ed. 7/27/85 LAST NM 8/99 27/00
Delete HORN from light 64° 24.4′ N 172° 14.3′ W
(BA LL)

96036 2Ed. 7/27/85 LAST NM 27/00 4/01
Delete Depth 1 ½ fathoms and legend
"Tenedos Shoal (ED-rep 1851)" 64° 16.0′ N 178° 01.0′ W
(NTM0055/2000)

96036 2Ed. 7/27/85 LAST NM 4/01 7/01
Delete R Bn at light 66° 01.0′ N 169° 43.0′ W
R Bn at light 65° 28.0′ N 171° 03.5′ W

Change Characteristic of light to L Fl 6s 64° 24.4′ N 172° 14.3′ W
(43(7170-7172)00 St. Petersburg)

96036 2Ed. 7/27/85 LAST NM 7/01 13/01
Delete R Bn at light 65° 04.0′ N 172° 06.5′ W
(44(7355)00 St. Petersburg)

96036 2Ed. 7/27/85 LAST NM 13/01 20/01
Add Dashed-line circle with legend
"Subm buoy (cov 26fms)" 66° 19.6′ N 168° 58.0′ W
Dashed-line circle with legend
"Subm buoy (cov 22fms)" 65° 46.7′ N 168° 34.8′ W
(1/01 CG17)

96036 2Ed. 7/27/85 LAST NM 20/01 36/03
Delete Dashed-line circle and legend "Subm buoy (cov
22fms)" 65° 46.7′ N 168° 34.8′ W

Change Legend to "Subm buoy (cov 24fms)"
66° 19.6′ N 168° 58.0′ W

Add Dashed-line circle with legend "Subm buoy
(cov 23fms)" 65° 46.8′ N 168° 34.5′ W
Dashed-line circle with legend "Subm buoy
(cov 20fms)" 65° 44.7′ N 168° 15.8′ W
(NTM0022/2003)

96036 2Ed. 7/27/85 LAST NM 36/03 15/04
Delete R Bn 64° 24.2′ N 172° 15.0′ W
R Bn 64° 20.2′ N 173° 34.5′ W
(34(5550, 5551)03 St. Petersburg)

★**96036** 2Ed. 7/27/85 LAST NM 15/04 13/05
Add Danger circle [K41]
"Subm buoys (cov 4 ¼fms)" 62° 11.6′ N 174° 51.3′ W
(34, 46/04 CG17)

96036 2Ed. 7/27/85 LAST NM 13/05 37/05
Change Legend to "Subm buoy (cov 24fms)"
65° 46.7′ N 168° 34.5′ W
(NTM0005/2005)

★**96036** 2Ed. 7/27/85 LAST NM 37/05 7/07
Relocate Danger circle from 62° 11.6′ N 174° 51.3′ W
to 62° 11.7′ N 174° 39.8′ W
and change legend to "Subm buoys (2) (cov
5 ¾fms)"
(2/07 CG17)

96036 2Ed. 7/27/85 LAST NM 7/07 41/07
Substitute Dotted-line circle "Subm buoy (cov 9 ¼fms)"
for dashed-line circle "Subm...20fms)"
65° 44.8′ N 168° 15.8′ W

Dotted-line circle "Subm buoy (cov 8fms)" for
dashed-line circle "Subm...24fms)"
65° 46.9′ N 168° 34.1′ W

Dotted-line circle "Subm buoy (cov 7 ½fms)"
for dashed-line circle "Subm...24fms)"
66° 19.6′ N 168° 57.9′ W

Add Dotted-line circle "Subm buoy (cov 9 ¼fms)"
65° 45.4′ N 168° 22.0′ W
Dotted-line circle "Subm buoy (cov 9 ¼fms)"
65° 48.1′ N 168° 48.0′ W
Dotted-line circle "Subm buoy (cov 15 ½fms)"
65° 51.9′ N 169° 16.9′ W
Dotted-line circle "Subm buoy (cov 8 ½fms)"
65° 54.0′ N 169° 25.9′ W
Dashed-line circle "Subm buoy (cov 20fms)"
65° 56.0′ N 169° 36.8′ W
(NTM0025/2007)

96036 2Ed. 7/27/85 LAST NM 41/07 41/09
Substitute Dotted-line circle "Subm buoy (cov 9 ¼fms)"
for dotted-line circle "Subm...8 fms)"
65° 46.9′ N 168° 34.0′ W

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96036 (Continued) 41/09
Dotted-line circle "Subm buoy (cov 9¼fms)"
for dotted-line circle "Subm...7½fms)"
66° 19.6′ N 168° 57.9′ W
Dashed-line circle "Subm buoy (cov 17fms)"
for dotted-line circle "Subm...15½fms)"
65° 52.0′ N 169° 17.0′ W
Dotted-line circle "Subm buoy (cov 9¼fms)"
for dotted-line circle "Subm...8½fms)"
65° 54.0′ N 169° 26.0′ W
Dashed-line circle "Subm buoy (cov 17fms)"
for dashed-line circle "Subm...20fms)"
65° 56.0′ N 169° 37.0′ W
(NTM0041/2009)

96036 2Ed. 7/27/85 LAST NM 41/09 5/13
Delete Dangerous submerged rock (PA) (ED)
65° 41.9′ N 169° 01.1′ W
(NTM0009/2012)

96036 2Ed. 7/27/85 LAST NM 5/13 21/13
Delete Depth 10 fathoms and enclosing depth contour
(10-fathom) centered 65° 24.5′ N 168° 27.8′ W
(NTM0004/2013)

★96039 8Ed. 8/11/12 NEW EDITION N38/12
(NGA)

96039 8Ed. 8/11/12 LAST NM N38/12 N47/12
Add Depth 57 meters Obstn [K41] 42° 39.0′ N 131° 25.5′ E
Depth 55 meters Obstn [K41] 42° 55.5′ N 132° 06.4′ E
Depth 85 meters Obstn [K41] 42° 39.0′ N 131° 56.1′ E
(40(5949-5951)12 St. Petersburg)

★96041 12Ed. 9/1/12 NEW EDITION N1/13
Add Depth 57 meters Obstn [K41] 42° 39.0′ N 131° 25.5′ E
Depth 55 meters Obstn [K41] 42° 55.5′ N 132° 06.4′ E
Depth 85 meters Obstn [K41] 42° 39.0′ N 131° 56.1′ E
(NGA; 40(5949-5951)12 St. Petersburg)

96041 12Ed. 9/1/12 LAST NM N1/13 N35/13
Delete Purple composite-line area and legend "R.R.A.
NO 344 SEE NOTE" in vicinity
42° 54′ 36″N 131° 24′ 43″E

Purple composite-line area and legend "R.R.A.
NO 345 SEE NOTE" in vicinity
42° 55′ 42″N 131° 25′ 20″E

Add Submarine cable [L30.1] joining
43° 06′ 54″N 131° 52′ 26″E
43° 07′ 00″N 131° 51′ 11″E
43° 06′ 27″N 131° 50′ 11″E
43° 04′ 02″N 131° 48′ 47″E
43° 03′ 12″N 131° 49′ 04″E
43° 02′ 56″N 131° 49′ 40″E

Marine farm area [K48.1] bound by shore and
dashed line joining 42° 49′ 14″N 131° 25′ 47″E
42° 49′ 39″N 131° 26′ 09″E
42° 49′ 26″N 131° 26′ 41″E
42° 48′ 49″N 131° 26′ 38″E
42° 48′ 35″N 131° 26′ 27″E

Marine farm symbol [K48.2] 42° 58′ 19″N 131° 45′ 03″E
Marine farm symbol [K48.2] 42° 55′ 39″N 131° 25′ 16″E
Marine farm symbol [K48.2] 42° 54′ 42″N 131° 24′ 36″E
Marine farm symbol [K48.2] 42° 52′ 22″N 131° 27′ 43″E
Marine farm symbol [K48.2] 42° 46′ 33″N 131° 20′ 31″E

Marine farm area [K48.1] bound by dashed line
joining 42° 55′ 48″N 131° 39′ 50″E
42° 56′ 16″N 131° 39′ 50″E
42° 56′ 16″N 131° 40′ 22″E
42° 56′ 57″N 131° 40′ 22″E
42° 56′ 57″N 131° 40′ 55″E
42° 55′ 48″N 131° 40′ 55″E

Marine farm area [K48.1] bound by dashed line
joining 43° 08′ 01″N 131° 44′ 16″E
43° 08′ 53″N 131° 44′ 02″E
43° 09′ 29″N 131° 44′ 45″E
43° 08′ 24″N 131° 45′ 39″E

Marine farm area [K48.1] bound by dashed line
joining 43° 09′ 47″N 131° 45′ 21″E
43° 10′ 09″N 131° 45′ 35″E
43° 10′ 24″N 131° 46′ 18″E
43° 09′ 37″N 131° 46′ 51″E
43° 09′ 03″N 131° 46′ 29″E
(49(6414-6421)11, 28(4338)13 St. Petersburg)

★96042 11Ed. 6/19/82 NEW EDITION 33/82
Change Visibility (range) of light to 19M
43° 01′ 42″N 131° 57′ 10″E
(DMAHTC; US LL)

96042 11Ed. 6/19/82 LAST NM 33/82 8/85
Delete SIREN from light 43° 01′ 43″N 131° 57′ 10″E
(43(8104)84 Leningrad)

96042 11Ed. 6/19/82 LAST NM 8/85 29/87
Change Characteristic of light to Iso 6s 39° 15′ 52″N 141° 53′ 51″E
(17(519)87 Tokyo)

96042 11Ed. 6/19/82 LAST NM 29/87 38/87
Delete Lights 43° 01.2′ N 131° 55.6′ E
43° 03.5′ N 131° 57.7′ E
43° 04.4′ N 131° 50.6′ E
43° 00.2′ N 131° 45.5′ E
43° 00.9′ N 131° 46.1′ E
43° 03.8′ N 131° 48.3′ E
43° 03.7′ N 131° 53.5′ E

Lights (2) in vicinity 43° 03.7′ N 131° 50.7′ E
43° 03.5′ N 131° 50.6′ E

Range lights, range lines, and legends,
"Lights in line 103° 30′ " between
43° 03.7′ N 131° 53.6′ E
43° 04.7′ N 131° 47.8′ E

"Lights in line 28° " between 43° 06.9′ N 131° 53.4′ E
43° 03.5′ N 131° 51.0′ E

"Lights in line 302° 30′ " between
43° 05.2′ N 131° 51.4′ E
43° 02.0′ N 131° 58.2′ E
(BA LL; USSR LL)

★96042 11Ed. 6/19/82 LAST NM 38/87 33/92
Add Stranded wreck with legend "Wks"
43° 02′ 30″N 131° 52′ 24″E
(MCC1125/91)

96042 11Ed. 6/19/82 LAST NM 33/92 40/94
Add Depth 7 meters Obstn 43° 07.0′ N 131° 51.5′ E
(24(3505)94 St. Petersburg)

96042 11Ed. 6/19/82 LAST NM 40/94 47/94
Add Purple tint line (traffic separation)
between 42° 58.20′ N 131° 39.78′ E
43° 04.50′ N 131° 44.80′ E

Open-outlined arrow indicating flow
of traffic oriented
210° 43° 01.53′ N 131° 41.90′ E
030° 43° 01.25′ N 131° 42.62′ E
(32(4739)94 St. Petersburg)

★96042 11Ed. 6/19/82 LAST NM 47/94 41/95
Add Buoy RW, pillar, ball topmark 43° 04′ 45″N 131° 52′ 28″E
(MCC021/95)

96042 11Ed. 6/19/82 LAST NM 41/95 48/95
Delete Beacons (2), range line and legend
"Beacons...146° 50′ " between 43° 05′ 06″N 131° 51′ 01″E
43° 06′ 22″N 131° 50′ 00″E

Add Light
Oc G 7½s 10M HORN 43° 03′ 28.0″N 131° 57′ 45.0″E

Range light,
front FR 12M Racon 43° 05′ 02.0″N 131° 51′ 20.0″E
middle Oc R 3s 15M 43° 05′ 04.0″N 131° 51′ 15.0″E
rear FR 15M 43° 05′ 10.5″N 131° 51′ 00.0″E

Range line extending in 119° 30′
direction from above rear light
dashed for 2240 meters, thence
solid for 8940 meters

(continued on next page)

96042 (Continued) 48/95
Legend "Lights in line 299° 30′ "
along above range line 43° 03′ 35.0″N 131° 54′ 53.0″E

Range light,
front Oc R 3s 10M 43° 03′ 43.0″N 131° 53′ 22.0″E
rear Oc R 3s 10M 43° 03′ 41.0″N 131° 53′ 31.5″E

Range line extending in 283° 30′
direction from above rear light
dashed for 3150 meters, thence
solid for 4800 meters

Legend "Lights in line 103° 30′ "
along above range line 43° 04′ 38.0″N 131° 48′ 14.0″E

Dashed line (overhead power cable)
"(44)" between 43° 04′ 30.0″N 131° 50′ 29.5″E
43° 04′ 00.0″N 131° 50′ 20.0″E

Danger circle "Obstn" 43° 04′ 15.0″N 131° 49′ 52.0″E
43° 04′ 14.5″N 131° 51′ 22.0″E
43° 03′ 36.0″N 131° 54′ 34.0″E
(Rus CH 68006; MCC021/95)

96042 11Ed. 6/19/82 LAST NM 48/95 8/97
Change Visibility (range) of range light,
front to 15M 43° 05′ 02″N 131° 51′ 20″E

Add Range light,
front Iso Y 2s 4M 43° 00′ 18.6″N 131° 55′ 01.8″E
rear FY 4M 43° 00′ 06.0″N 131° 54′ 59.4″E

Range line extending in 007° 48′
direction from above rear light
dashed for 900 meters, thence
solid for 5000 meters

Legend "Lights in line 187° 48′ "
along above range line 43° 02′ 45.0″N 131° 55′ 28.0″E

Stranded wreck 43° 05′ 11.4″N 131° 52′ 58.2″E
(36(5344)96 St. Petersburg)

96042 11Ed. 6/19/82 LAST NM 8/97 18/97
Add R Bn at light 43° 01.70′ N 131° 57.15′ E
(BA RA)

★**96042** 11Ed. 6/19/82 LAST NM 18/97 34/98
Delete Tank 43° 05′ 20″N 131° 52′ 52″E
43° 05′ 42″N 131° 52′ 19″E
43° 05′ 45″N 131° 52′ 22″E

Position circle "R TR" 43° 05′ 57″N 131° 52′ 51″E

Change Legend to "TANK" 43° 05′ 44″N 131° 52′ 14″E
(GIMM044/98)

96042 11Ed. 6/19/82 LAST NM 34/98 41/98
Delete HORN from light 43° 03′ 28″N 131° 57′ 45″E
NAUTO from light 43° 01′ 42″N 131° 57′ 10″E
(12(1612)98 St. Petersburg)

96042 11Ed. 6/19/82 LAST NM 41/98 42/98
Add Note "NOTE
Later date sources indicate extensive
changes in hydrography and aids to
navigation within the area covered
by this chart." 42° 58′ 28″N 131° 51′ 00″E
(Rus CH 68006)

96042 11Ed. 6/19/82 LAST NM 42/98 47/98
Add Light
Fl 3s 6M 43° 00′ 15″N 131° 45′ 27″E
Fl R 2s 3M 43° 03′ 48″N 131° 48′ 16″E

Light L Fl WR 7½s 12M with sectors
white 237° 30′ -125° 30′ , red-165° 30′
43° 04′ 18″N 131° 50′ 35″E
(Rus CH 68006; GIMM016/98; BA LL)

96042 11Ed. 6/19/82 LAST NM 47/98 8/99
Add Buoy (mooring) 43° 04′ 54″N 131° 51′ 38″E
43° 04′ 50″N 131° 51′ 34″E
(21(3153)98 St. Petersburg)

96042 11Ed. 6/19/82 LAST NM 8/99 2/00
Add Danger circle "Obstn" 43° 06′ 17.5″N 131° 53′ 12.1″E
Danger circle "Obstn" 43° 06′ 19.0″N 131° 53′ 07.7″E
(19(2590)99 St. Petersburg)

96042 11Ed. 6/19/82 LAST NM 2/00 5/00
Delete Range light, front 43° 00′ 18.6″N 131° 55′ 01.8″E
Range light, rear 43° 00′ 06.0″N 131° 54′ 59.4″E

Range line and legend "Lights in line
187° 48′ " between 43° 00′ 06.0″N 131° 54′ 59.4″E
43° 03′ 16.0″N 131° 55′ 34.0″E
(34(5087)99 St. Petersburg)

96042 11Ed. 6/19/82 LAST NM 5/00 13/00
Add Depth 12.5 meters Obstn 43° 05′ 49.0″N 131° 52′ 26.0″E
(31(4573)99 St. Petersburg)

96042 11Ed. 6/19/82 LAST NM 13/00 45/00
Add Buoy (mooring) [Q40] 43° 03′ 18.3″N 131° 49′ 50.4″E
Position circle "SS (storm)"
43° 07′ 03.5″N 131° 53′ 49.8″E

Position circle "VTS SS (storm)"
43° 04′ 04.9″N 131° 55′ 11.8″E
(23(3809, 3811)00 St. Petersburg)

96042 11Ed. 6/19/82 LAST NM 45/00 25/01
Add Stranded wreck [K24] 43° 05′ 46.7″N 131° 51′ 29.1″E
(2(107)01 St. Petersburg)

96042 11Ed. 6/19/82 LAST NM 25/01 47/01
Delete Purple dashed line between 43° 03′ 42.0″N 131° 48′ 27.7″E
43° 03′ 59.0″N 131° 49′ 28.0″E

Add Depth 3.4 meters Obstn [K41]
43° 04′ 19.4″N 131° 54′ 39.9″E
Buoy (mooring) [Q40] 43° 04′ 34.4″N 131° 51′ 31.9″E
Buoy (mooring) [Q40] 43° 04′ 28.4″N 131° 51′ 31.9″E
Buoy (mooring) [Q40] 43° 04′ 28.4″N 131° 51′ 22.9″E
Buoy (mooring) [Q40] 43° 04′ 34.4″N 131° 51′ 22.9″E

Buoy BY, spar, double cone topmark
points upward [Q130.3] 43° 05′ 43.4″N 131° 51′ 17.9″E
Buoy YB, spar, double cone topmark
points downward [Q130.3] 43° 05′ 51.4″N 131° 51′ 24.9″E

"AREA TO BE AVOIDED" bound by
purple composite line joining
43° 01′ 32.2″N 131° 54′ 44.3″E
43° 01′ 34.0″N 131° 54′ 52.7″E
43° 01′ 25.0″N 131° 54′ 56.3″E
43° 01′ 21.4″N 131° 54′ 44.9″E

Purple dashed line (anchorage prohibited limit)
joining 43° 02′ 59.2″N 131° 48′ 38.9″E
43° 03′ 26.2″N 131° 49′ 10.7″E
43° 03′ 34.6″N 131° 49′ 23.9″E

"PROHIB AREA" [N2.2] bound by
purple composite line joining
43° 03′ 23.2″N 131° 49′ 53.3″E
43° 03′ 25.6″N 131° 50′ 17.3″E
43° 03′ 14.8″N 131° 50′ 17.3″E
43° 03′ 13.0″N 131° 49′ 53.3″E

"PROHIB AREA" [N2.2] bound by
purple composite line joining
43° 03′ 11.2″N 131° 50′ 49.7″E
43° 03′ 05.2″N 131° 51′ 13.7″E
43° 02′ 55.0″N 131° 51′ 13.7″E
43° 02′ 59.2″N 131° 50′ 49.7″E
(31(4769), 33(5113), 38(5976), 42(6611)98 St. Petersburg)

96042 11Ed. 6/19/82 LAST NM 47/01 52/01
Delete Prohibited area and legend "PROHIB AREA"
in vicinity 43° 03′ 04.0″N 131° 51′ 00.0″E
"ANCHORAGE PROHIBITED" area
in vicinity 43° 02′ 00.0″N 131° 51′ 42.0″E
"ANCHORAGE PROHIBITED" area
in vicinity 43° 00′ 30.0″N 131° 53′ 00.0″E
(See 47/01-96042)

Add Range light, front Oc Y 3s 3M with visible
sector 164.5° -171° 43° 02′ 46.4″N 131° 49′ 13.9″E
Range light, rear FY 3M with visible
sector 157.8° -177.8° 43° 02′ 38.4″N 131° 49′ 16.9″E

(continued on next page)

96042 (Continued) 52/01

Range line extending in 347° 48′ direction
from above rear light
dashed for 1,400 meters, thence
solid for 2,200 meters

Legend "Lights in line 167° 48′ " along above
range line 43° 04′ 00.0″N 131° 48′ 45.0″E

Purple dashed line between 43° 02′ 43.4″N 131° 49′ 51.9″E
43° 03′ 13.4″N 131° 50′ 51.9″E

Legend "PROHIBITED AREA"
43° 02′ 42.0″N 131° 51′ 00.0″E

Buoy (mooring) [Q40] 43° 04′ 58.4″N 131° 51′ 32.9″E
Beacon Fl(2) R 6s 2M 43° 03′ 10.4″N 131° 50′ 37.9″E
(6(625), 23(3321)01 St. Petersburg)

96042 11Ed. 6/19/82 LAST NM 52/01 1/02
Add Stranded wreck [K24] 43° 06′ 19.4″N 131° 55′ 47.9″E
(26(3891)01 St. Petersburg)

96042 11Ed. 6/19/82 LAST NM 1/02 16/02
Change Light to Fl R 15s 54m 20M R Bn
43° 01′ 42.0″N 131° 57′ 09.0″E
and delete legend "NAUTO"
(BA LL)

96042 11Ed. 6/19/82 LAST NM 16/02 10/03
Add Buoy (mooring) [Q40] 43° 04′ 26.4″N 131° 51′ 28.9″E
(35(5454)02 St. Petersburg)

96042 11Ed. 6/19/82 LAST NM 10/03 21/03
Add Stranded wreck [K24] 43° 06′ 17.1″N 131° 55′ 40.7″E
Depth 2.8 meters Obstn [K41]
43° 06′ 26.0″N 131° 55′ 54.4″E
Depth 1 meter 43° 06′ 34.7″N 131° 54′ 54.9″E
Depth 0.9 meter Obstn [K41]
43° 06′ 37.7″N 131° 54′ 38.1″E
Depth 2.6 meters 43° 06′ 19.1″N 131° 54′ 19.5″E
Depth 0.5 meter Obstn [K41]
43° 02′ 22.9″N 131° 54′ 24.2″E

Double solid line with land tint (pontoon) [F16]
between 43° 06′ 39.9″N 131° 54′ 25.4″E
43° 06′ 41.5″N 131° 54′ 25.6″E
(46(7254), 53(8385)02 St. Petersburg)

96042 11Ed. 6/19/82 LAST NM 21/03 39/03
Change Characteristic of light to FR
43° 05′ 04.0″N 131° 51′ 15.0″E
(6(727)03 St. Petersburg)

96042 11Ed. 6/19/82 LAST NM 39/03 40/03
Add Beacon Fl(6) R 12s 2M 43° 05′ 41.7″N 131° 52′ 24.7″E
Beacon Fl(6) G 12s 2M 43° 05′ 17.2″N 131° 51′ 54.2″E
Depth 18.4 meters 43° 05′ 00.2″N 131° 43′ 02.3″E
(13(1877), 15(2231)03 St. Petersburg)

96042 11Ed. 6/19/82 LAST NM 40/03 44/03
Add Height 28m to light 43° 03′ 28.0″N 131° 57′ 45.0″E
Height 32m to light 43° 05′ 02.0″N 131° 51′ 20.0″E
Light L Fl RG 5s 21m 3/2M
43° 01′ 48.0″N 131° 54′ 54.0″E
(BA LL)

96042 11Ed. 6/19/82 LAST NM 44/03 45/03
Change Light to Oc 3s 5m 3M 43° 02′ 46.4″N 131° 49′ 13.9″E
Light to F 13m 3M 43° 02′ 38.4″N 131° 49′ 16.9″E

Add Height 12m to light 43° 04′ 18.0″N 131° 50′ 35.0″E
Height 8m to light 43° 03′ 43.0″N 131° 53′ 22.0″E
Height 16m to light 43° 03′ 41.0″N 131° 53′ 31.5″E
(BA LL)

96042 11Ed. 6/19/82 LAST NM 45/03 8/04
Add Pilot station symbol [T1.1] 43° 04′ 12.3″N 131° 46′ 32.4″E

Pilot station symbol [T1.3] with legend
"(during ice period)" 43° 07′ 00.3″N 131° 46′ 08.4″E

"Waiting Area No. 2" bound by purple
dashed line joining 43° 04′ 00.3″N 131° 45′ 44.4″E
43° 04′ 41.1″N 131° 46′ 18.6″E
43° 04′ 30.3″N 131° 47′ 17.4″E
43° 03′ 48.3″N 131° 46′ 44.4″E

Purple dashed line [N49] with legend
"Port Limit" between 43° 04′ 12.3″N 131° 57′ 50.4″E
43° 04′ 12.3″N 131° 58′ 10.0″E

Purple dashed line [N49] with legend
"Port Limit" between 43° 01′ 39.3″N 131° 57′ 08.4″E
43° 01′ 52.5″N 131° 58′ 10.0″E

"PROHIBITED AREA" [N2.2] bound by
purple dashed line joining 43° 03′ 26.1″N 131° 56′ 50.4″E
43° 03′ 54.3″N 131° 57′ 04.2″E
43° 03′ 42.9″N 131° 57′ 17.4″E
43° 03′ 20.1″N 131° 57′ 14.4″E

"PROHIBITED AREA" [N2.2] bound by
purple dashed line joining 43° 03′ 50.1″N 131° 56′ 20.4″E
43° 03′ 56.7″N 131° 56′ 36.0″E
43° 03′ 38.1″N 131° 56′ 55.8″E
(24(3779)03 St. Petersburg)

96042 11Ed. 6/19/82 LAST NM 8/04 11/04
Delete Pier 43° 06′ 30.3″N 131° 55′ 22.0″E
(32(5168)03 St. Petersburg)

96042 11Ed. 6/19/82 LAST NM 11/04 20/04
Change Characteristic of light to Oc R 3s
43° 05′ 04.0″N 131° 51′ 15.0″E
(Supersedes 39/03-96042)

Add Buoy (mooring) [Q40] 43° 06′ 26.8″N 131° 55′ 11.8″E
(46(7604), 48(7948)03 St. Petersburg)

96042 11Ed. 6/19/82 LAST NM 20/04 26/04
Change Legend to "TANKS" 43° 05′ 44.0″N 131° 52′ 14.0″E

Add Tank symbol [E32] 43° 05′ 20.0″N 131° 52′ 52.0″E
Tank symbol [E32] 43° 05′ 42.0″N 131° 52′ 19.0″E
Tank symbol [E32] 43° 05′ 45.0″N 131° 52′ 22.0″E
(NTM0010/2004)

96042 11Ed. 6/19/82 LAST NM 26/04 48/04
Add Submarine cable [L30.1] joining
43° 04′ 30.3″N 131° 54′ 50.4″E
43° 04′ 06.3″N 131° 54′ 08.4″E
43° 02′ 42.0″N 131° 58′ 10.0″E

Submarine cable [L30.1] joining
43° 04′ 30.3″N 131° 54′ 50.4″E
43° 04′ 00.3″N 131° 54′ 20.4″E
43° 02′ 30.0″N 131° 58′ 10.0″E
(23(3432))04 St. Petersburg)

★**96042** 11Ed. 6/19/82 LAST NM 48/04 32/05
Relocate Buoy from 43° 04′ 45.0″N 131° 52′ 28.0″E to
43° 04′ 45.0″N 131° 52′ 15.0″E

Add Depth 4.2 meters Obstn [K41] with legend
"mooring buoys" 43° 04′ 40.0″N 131° 51′ 40.9″E
(NTM 016/2005; 2(76)05 St. Petersburg)

96042 11Ed. 6/19/82 LAST NM 32/05 26/06
Add Solid line (pier) [F14] between
43° 04′ 44.9″N 131° 51′ 00.0″E
43° 04′ 46.7″N 131° 51′ 00.1″E

Solid line (pier) [F14] between
43° 04′ 43.2″N 131° 51′ 04.1″E
43° 04′ 47.4″N 131° 51′ 06.1″E

Stranded wreck [K24] 43° 03′ 35.9″N 131° 52′ 42.9″E
Stranded wreck [K24] 43° 03′ 35.0″N 131° 52′ 39.3″E

Solid line (pier) [F14] between
43° 04′ 41.8″N 131° 54′ 20.4″E
43° 04′ 41.3″N 131° 54′ 18.0″E
(8(917)06 St. Petersburg)

96042 11Ed. 6/19/82 LAST NM 26/06 23/07
Add Depth 14.4 meters 43° 05′ 22.9″N 131° 40′ 53.9″E
(10(1267)06 St. Petersburg)

96042 11Ed. 6/19/82 LAST NM 23/07 14/08
Add Dashed line (hulk) [K23], 000°-180° axis
70 meters by 30 meters wide centered
43° 04′ 23.2″N 131° 55′ 29.9″E

Buoy Y, pillar, "X" topmark, Fl Y 5s
43° 04′ 25.8″N 131° 55′ 30.5″E
(17(2516)07 St. Petersburg)

96042 11Ed. 6/19/82 LAST NM 14/08 17/09
Add Buoy (mooring) [Q40] 43° 06′ 38.1″N 131° 53′ 48.0″E
(2(87)09 St. Petersburg)

96042 11Ed. 6/19/82 LAST NM 17/09 39/09
Add Depth 11.4 meters Obstn [K41]
43° 06′ 38.2″N 131° 54′ 11.1″E
(19(2368)09 St. Petersburg)

96042 11Ed. 6/19/82 LAST NM 39/09 47/09
Delete Submarine cable joining 43° 04′ 30.3″N 131° 54′ 50.4″E
43° 04′ 06.3″N 131° 54′ 08.4″E
43° 02′ 42.0″N 131° 58′ 10.0″E

Submarine cable joining 43° 04′ 30.3″N 131° 54′ 50.4″E
43° 04′ 00.3″N 131° 54′ 20.4″E
43° 02′ 30.0″N 131° 58′ 10.0″E

Add Submarine cable [L30.1] joining
43° 04′ 36.9″N 131° 54′ 55.2″E
43° 04′ 00.3″N 131° 54′ 05.4″E
43° 03′ 06.3″N 131° 56′ 10.2″E
43° 02′ 12.0″N 131° 58′ 10.0″E

Submarine cable [L30.1] joining
43° 04′ 36.9″N 131° 54′ 55.2″E
43° 04′ 01.5″N 131° 54′ 08.4″E
43° 03′ 38.1″N 131° 54′ 47.4″E
(33(4377, 4378)09 St. Petersburg)

96042 11Ed. 6/19/82 LAST NM 47/09 10/10
Add Buoy R, pillar, can topmark, Fl R 3s
43° 04′ 23.7″N 131° 54′ 32.5″E
Buoy G, pillar, cone topmark, Fl G 3s
43° 04′ 17.7″N 131° 54′ 38.0″E
(UKHO ARCS 3044)

96042 11Ed. 6/19/82 LAST NM 10/10 12/10
Add Buoy (mooring) [Q40] 43° 03′ 57.6″N 131° 56′ 25.6″E
(16(1952)09 St. Petersburg)

96042 11Ed. 6/19/82 LAST NM 12/10 25/10
Add Buoy G, pillar, cone topmark, Fl G 3s
43° 03′ 56.6″N 131° 54′ 26.6″E
Buoy G, pillar, cone topmark, Fl G 3s
43° 03′ 48.6″N 131° 54′ 44.8″E
Buoy R, pillar, can topmark, Fl R 3s
43° 03′ 42.7″N 131° 54′ 06.2″E
Buoy R, pillar, can topmark, Fl R 3s
43° 03′ 35.5″N 131° 54′ 25.0″E
(UKHO ARCS CH 3044; NTM0007/2010)

96042 11Ed. 6/19/82 LAST NM 25/10 27/10
Add Submarine cable [L30.1] joining
43° 06′ 46.3″N 131° 52′ 10.4″E
43° 06′ 44.3″N 131° 51′ 16.4″E
43° 06′ 20.3″N 131° 50′ 25.4″E
43° 05′ 42.3″N 131° 50′ 10.4″E
43° 05′ 08.3″N 131° 50′ 02.4″E
43° 04′ 30.3″N 131° 50′ 05.4″E
43° 04′ 12.3″N 131° 49′ 28.4″E
43° 03′ 54.3″N 131° 49′ 20.4″E
43° 03′ 15.3″N 131° 49′ 14.4″E
43° 03′ 00.3″N 131° 49′ 23.4″E
43° 02′ 57.3″N 131° 49′ 39.4″E
(24(3303)08 St. Petersburg)

96042 11Ed. 6/19/82 LAST NM 27/10 28/10
Add Buoy (mooring) [Q40] 43° 06′ 35.7″N 131° 53′ 23.4″E
(16(2367)07 St. Petersburg)

96042 11Ed. 6/19/82 LAST NM 28/10 32/10
Delete Depth 0.5 meter Obstn 43° 02′ 22.9″N 131° 54′ 24.2″E
(21(2890)05 St. Petersburg)

96042 11Ed. 6/19/82 LAST NM 32/10 33/10
Add Submarine cable [L30.1] joining
43° 06′ 42.3″N 131° 52′ 02.4″E
43° 06′ 06.3″N 131° 50′ 14.4″E
43° 05′ 06.3″N 131° 50′ 02.4″E
43° 04′ 06.3″N 131° 49′ 56.4″E

Depth 10.2 meters 43° 06′ 39.5″N 131° 53′ 54.8″E
Depth 11.4 meters 43° 06′ 40.1″N 131° 54′ 01.8″E
Depth 17.1 meters 43° 06′ 13.3″N 131° 52′ 47.2″E
(30(4187)05, 53(7748)06 St. Petersburg)

96042 11Ed. 6/19/82 LAST NM 33/10 41/10
Add Anchorage area "No 164" [N12.2] bound by
shore and purple dashed line joining
43° 03′ 59.1″N 131° 55′ 07.8″E
43° 03′ 47.1″N 131° 55′ 09.0″E
43° 03′ 13.5″N 131° 56′ 48.6″E
43° 04′ 00.3″N 131° 56′ 54.6″E
43° 04′ 18.0″N 131° 56′ 40.2″E

Anchor berth "20" [N11.1] 43° 03′ 39.3″N 131° 56′ 28.8″E
Anchor berth "21" [N11.1] 43° 03′ 32.7″N 131° 56′ 37.8″E
Anchor berth "19" [N11.1] 43° 03′ 45.9″N 131° 56′ 05.4″E
(17(2281)05 St. Petersburg)

96042 11Ed. 6/19/82 LAST NM 41/10 15/11
Add Stranded wreck [K24] 43° 05′ 18.4″N 131° 53′ 15.6″E
(33(4372)10 St. Petersburg)

96042 11Ed. 6/19/82 LAST NM 15/11 18/11
Delete Buoys (mooring) (4) in vicinity
43° 04′ 32.0″N 131° 51′ 26.0″E

Relocate Buoy (mooring) from
43° 04′ 26.4″N 131° 51′ 28.9″E to
43° 04′ 24.1″N 131° 51′ 28.6″E

Add Buoy (mooring) [Q40] 43° 04′ 32.3″N 131° 51′ 28.6″E
Buoy (mooring) [Q40] 43° 04′ 24.1″N 131° 51′ 17.4″E
(UKHO ARCS 3044-0; 44(6222)08 St. Petersburg)

96042 11Ed. 6/19/82 LAST NM 18/11 22/11
Add Purple composite line (inshore traffic zone
limit) [M25.1] joining 43° 04′ 05.5″N 131° 49′ 47.4″E
43° 04′ 16.5″N 131° 49′ 47.4″E
43° 03′ 56.8″N 131° 51′ 47.2″E
43° 03′ 54.3″N 131° 52′ 02.4″E
43° 03′ 54.3″N 131° 53′ 17.4″E
43° 04′ 00.3″N 131° 53′ 28.8″E
43° 03′ 45.5″N 131° 53′ 30.0″E

Legend "Inshore traffic zone"
43° 03′ 58.0″N 131° 51′ 19.0″E

Purple composite line (inshore traffic zone
limit) [M25.1] joining 43° 05′ 05.2″N 131° 52′ 31.2″E
43° 04′ 24.4″N 131° 54′ 02.4″E
43° 04′ 11.2″N 131° 53′ 46.2″E
43° 02′ 21.9″N 131° 58′ 06.0″E
43° 03′ 26.8″N 131° 57′ 44.5″E

Legend "Inshore traffic zone"
43° 04′ 43.0″N 131° 53′ 30.0″E
(29(4012)08 St. Petersburg; UKHO ARCS 3044-0)

96042 11Ed. 6/19/82 LAST NM 22/11 44/11
Add Submarine cable [L30.1] joining
43° 02′ 52.0″N 131° 49′ 51.0″E
43° 03′ 03.9″N 131° 49′ 52.8″E
43° 03′ 15.9″N 131° 49′ 11.4″E
43° 03′ 31.5″N 131° 48′ 57.0″E
43° 06′ 08.7″N 131° 47′ 43.2″E
43° 06′ 38.1″N 131° 50′ 06.0″E
43° 06′ 35.1″N 131° 50′ 20.4″E
43° 06′ 41.7″N 131° 51′ 21.6″E
43° 06′ 50.7″N 131° 51′ 28.8″E
43° 06′ 46.5″N 131° 52′ 10.7″E
(25(3207)09 St. Petersburg)

96042 11Ed. 6/19/82 LAST NM 44/11 47/11
Add Anchorage area "No 163" [N12.1] bound by
purple dashed line joining 43° 04.2′ N 131° 53.8′ E
43° 04.6′ N 131° 52.6′ E
43° 04.9′ N 131° 52.9′ E
43° 04.4′ N 131° 54.0′ E

(continued on next page)

96042 (Continued) 47/11
Anchor berth "12" [N11.1] 43° 04.7′ N 131° 52.9′ E
Anchor berth "13" [N11.1] 43° 04.6′ N 131° 53.2′ E
Anchor berth "14" [N11.1] 43° 04.5′ N 131° 53.5′ E
Anchor berth "15" [N11.1] 43° 04.3′ N 131° 53.7′ E
(49(7489)07 St. Petersburg)

96042 11Ed. 6/19/82 LAST NM 47/11 1/12
Add Light Fl G 5s 6m 1M 43° 03′ 40.5″N 131° 50′ 38.4″E
Light Fl R 5s 6m 2M 43° 03′ 39.2″N 131° 50′ 40.3″E

Depth 2 meters Obstn [K41]
43° 06′ 27.3″N 131° 52′ 56.4″E
(53(8202, 8203)07 St. Petersburg; UKHO ARCS 3044-0)

96042 11Ed. 6/19/82 LAST NM 1/12 22/12
Delete Buoy 43° 03′ 56.6″N 131° 54′ 26.6″E
Buoy 43° 03′ 48.6″N 131° 54′ 44.8″E
Buoy 43° 03′ 42.7″N 131° 54′ 06.2″E
Buoy 43° 03′ 35.5″N 131° 54′ 25.0″E
(5(582)12 St. Petersburg; UKHO ARCS 3044)

96042 11Ed. 6/19/82 LAST NM 22/12 27/12
Add "Marine Farm" area [K48.1] bound by shore
and dashed line joining 43° 00′ 07.5″N 131° 46′ 51.5″E
43° 00′ 03.8″N 131° 46′ 44.8″E
43° 00′ 28.0″N 131° 46′ 14.3″E
43° 00′ 37.3″N 131° 46′ 23.8″E
(24(3569)12 St. Petersburg)

96042 11Ed. 6/19/82 LAST NM 27/12 47/12
Add Land tint with legend "floating dock" [F26]
bound by solid line joining 43° 05′ 04.1″N 131° 53′ 12.4″E
43° 05′ 08.1″N 131° 53′ 15.1″E
43° 05′ 07.5″N 131° 53′ 16.6″E
43° 05′ 03.5″N 131° 53′ 14.0″E
(41(6130)12 St. Petersburg)

96042 11Ed. 6/19/82 LAST NM 47/12 13/13
Add Double solid line with land tint (bridge) [D22]
and vertical clearance 71 meters between
43° 03′ 30.1″N 131° 54′ 02.0″E
43° 04′ 03.6″N 131° 54′ 52.9″E
Double solid line with land tint (bridge) [D22]
and vertical clearance 64.2 meters between
43° 06′ 44.2″N 131° 53′ 45.7″E
43° 06′ 21.8″N 131° 53′ 45.9″E
(51(7873)12, 3(275)13 St. Petersburg)

96042 11Ed. 6/19/82 LAST NM 13/13 35/13
Add Foul ground symbol [K31] 43° 02′ 30.9″N 131° 56′ 47.9″E
Depth 6 meters 43° 03′ 43.3″N 131° 53′ 16.3″E
Depth 6 meters 43° 03′ 42.8″N 131° 53′ 11.8″E

Submarine cable [L30.1] joining
43° 06′ 54.3″N 131° 52′ 25.1″E
43° 07′ 00.3″N 131° 51′ 10.1″E
43° 06′ 27.3″N 131° 50′ 10.1″E
43° 04′ 02.1″N 131° 48′ 46.1″E
43° 03′ 12.3″N 131° 49′ 03.5″E
43° 02′ 56.1″N 131° 49′ 39.5″E

"PROHIBITED AREA NO 110" [N2.2] bound
by purple dashed line joining
43° 03′ 52.3″N 131° 55′ 09.3″E
43° 03′ 48.3″N 131° 56′ 02.3″E
43° 03′ 26.3″N 131° 55′ 42.3″E
43° 03′ 42.3″N 131° 55′ 04.3″E

"Marine Farm" area [K48.1] bound by dashed
line joining 42° 57′ 46.3″N 131° 45′ 44.3″E
42° 58′ 19.3″N 131° 44′ 45.3″E
42° 58′ 30.3″N 131° 44′ 49.3″E
42° 58′ 30.3″N 131° 45′ 05.3″E
42° 57′ 46.3″N 131° 45′ 59.3″E

"Marine Farm" area [K48.1] bound by shore
and dashed line joining 42° 59′ 37.4″N 131° 46′ 58.7″E
42° 59′ 56.1″N 131° 47′ 16.9″E
42° 59′ 55.7″N 131° 47′ 34.8″E
42° 59′ 35.8″N 131° 47′ 57.9″E
(49(6419, 6420)11, 38(5660)12, 11(1637), 25(3789),
28(4338)13 St. Petersburg)

96042 11Ed. 6/19/82 LAST NM 35/13 38/13
Add Buoy (mooring) [Q40] 43° 06′ 41.9″N 131° 53′ 21.5″E
Buoy (mooring) [Q40] 43° 06′ 38.1″N 131° 53′ 21.6″E
(33(5161)13 St. Petersburg)

★96043 8Ed. 12/14/85 NEW EDITION N9/86
Change Legends to
"AREA NO 99-A (SEE NOTE A)" 42° 42.8′ N 132° 40.0′ E
"DANGER AREA NO 9 CAUTION
NO 4" 42° 36.2′ N 132° 38.0′ E
(Previously published N3/86)

Add Caution No. 4 to cautions note
"4. Area No 9 is a formerly dangerous mined area which has been swept and is now considered safe for surface navigation. See Sailing Directions for additional information." 42° 56.2′ N 133° 00.5′ E
(Previously published N3/86)

Add Color white to buoys 42° 49′ 12″N 132° 30′ 16″E
42° 49′ 20″N 132° 30′ 32″E
42° 49′ 30″N 132° 30′ 48″E
42° 49′ 39″N 132° 31′ 03″E
42° 49′ 50″N 132° 31′ 19″E
(DMAHTC)

96043 8Ed. 12/14/85 LAST NM N9/86 N13/86
Add Depth 21 meters 42° 45′ 50″N 132° 55′ 31″E
(6(461)86 Taunton)

96043 8Ed. 12/14/85 LAST NM N13/86 N47/86
Change Characteristic of lights
to Iso G 3s 42° 46.3′ N 132° 52.7′ E
Iso G 3s 42° 46.3′ N 132° 52.9′ E
Iso Bu 3s 42° 46.3′ N 132° 53.5′ E
Iso 6s 42° 47.8′ N 133° 00.3′ E

Light to Oc 8s 67m 22M NAUTO
R Bn BELL Sig Sta 42° 40.6′ N 133° 02.5′ E
(USSR LL)

96043 8Ed. 12/14/85 LAST NM N47/86 N18/87
Delete Buoys (mooring) 42° 46′ 08″N 132° 54′ 02″E
42° 46′ 04″N 132° 53′ 56″E

Add Depth 10.4 meters 42° 41′ 11″N 133° 00′ 45″E
(USSR CH 787)

96043 8Ed. 12/14/85 LAST NM N18/87 N38/87
Delete Lights 42° 48.9′ N 132° 22.0′ E
42° 49.5′ N 132° 21.8′ E
42° 49.7′ N 132° 23.8′ E
42° 54.2′ N 132° 25.6′ E
42° 55.1′ N 132° 24.6′ E
42° 54.1′ N 132° 21.5′ E
42° 51.7′ N 132° 22.1′ E

Change Light to Oc 3s 74m 20M 42° 50.7′ N 132° 19.2′ E
(BA LL; USSR LL)

96043 8Ed. 12/14/85 LAST NM N38/87 N12/88
Change Visibility (range) of light to 13M 42° 51.2′ N 132° 56.3′ E
(50(9315)87 Leningrad)

96043 8Ed. 12/14/85 LAST NM N12/88 N33/88
Change Light to Fl(2) 6s 61m 9M 42° 44.0′ N 132° 51.0′ E
(22(4152)88 Leningrad)

96043 8Ed. 12/14/85 LAST NM N33/88 N36/88
Change Light to Iso R 3s 11m 2M 42° 46.3′ N 132° 53.6′ E
(29(5597)88 Leningrad)

96043 8Ed. 12/14/85 LAST NM N36/88 N18/89
Delete Light 42° 49.9′ N 132° 54.7′ E
(3(429)89 Leningrad)

96043 8Ed. 12/14/85 LAST NM N18/89 N13/90
Delete NAUTO from light 42° 48.6′ N 132° 54.4′ E
(49(9156)89 Leningrad)

96043 8Ed. 12/14/85 LAST NM N13/90 N16/90
Add Buoy (mooring) with legend
"(3 buoys)" 42° 32.4′ N 132° 35.4′ E
(51(9497)89 Leningrad)

96043 8Ed. 12/14/85 LAST NM N16/90 N7/92
Add Depth 15 meters Wk (PA) 42° 49.2′ N 132° 39.4′ E
(45(3204)91 Taunton)

96043 8Ed. 12/14/85 LAST NM N7/92 N42/92
Add Purple composite lines (inshore traffic zone limit)
between 42° 41.3′ N 133° 07.4′ E
42° 39.2′ N 133° 07.4′ E

joining 42° 41.0′ N 132° 58.6′ E
42° 43.7′ N 132° 57.3′ E
42° 43.0′ N 133° 00.0′ E

Note: The above change to the traffic separation scheme has been adopted by IMO and became effective at 0000 GMT on 8 October 1992
(MCC1208/92)

96043 8Ed. 12/14/85 LAST NM N42/92 N45/92
Delete Legend "COASTAL...C" 42° 44.7′ N 133° 01.5′ E
(20(3049)92 St. Petersburg)

96043 8Ed. 12/14/85 LAST NM N45/92 N50/92
Delete Purple dashed-line lesser arc of a circle (outside limit of traffic lane)
between 42° 40.8′ N 132° 54.0′ E
42° 37.9′ N 132° 52.4′ E

Add Purple tint area (traffic separation zone) bound by limit joining 42° 41.5′ N 132° 22.2′ E
42° 39.9′ N 132° 52.8′ E
42° 38.9′ N 132° 52.4′ E
42° 40.5′ N 132° 22.2′ E

Purple dashed line (outside limit of traffic lane) between 42° 39.4′ N 132° 22.1′ E
42° 37.9′ N 132° 52.4′ E

Purple composite line (inshore traffic zone limit) between 42° 42.4′ N 132° 22.2′ E
42° 40.8′ N 132° 54.0′ E

Legend "INSHORE TRAFFIC ZONE"
between 42° 42.2′ N 132° 34.7′ E
42° 41.7′ N 132° 43.6′ E

Open-outlined arrows indicating flow of traffic oriented
094° 42° 39.2′ N 132° 32.5′ E
094° 42° 38.5′ N 132° 50.0′ E
274° 42° 40.6′ N 132° 50.0′ E
274° 42° 41.2′ N 132° 32.5′ E

Solid lines (recommended routes) with legends
"147° 30′ -327° 30′ " between 42° 42.8′ N 132° 16.0′ E
42° 41.3′ N 132° 17.6′ E

"094° -274° " between 42° 41.3′ N 132° 17.6′ E
42° 41.0′ N 132° 22.2′ E
(21(3258)92 St. Petersburg)

96043 8Ed. 12/14/85 LAST NM N50/92 N26/93
Delete Solid line (recommended route) and legend
"147° 30′ -327° 30′ " between 42° 42.8′ N 132° 16.0′ E
42° 41.3′ N 132° 17.6′ E

"094° -274° " between 42° 41.3′ N 132° 17.6′ E
42° 41.0′ N 132° 22.2′ E

(See 50/92-96043)
(3(234)93 St. Petersburg)

96043 8Ed. 12/14/85 LAST NM N26/93 N47/93
Delete Legend "INSHORE...ZONE" between
42° 42.2′ N 132° 34.7′ E
42° 41.7′ N 132° 43.6′ E

Substitute Purple dashed line (outside limit of traffic lane) for purple composite line
between 42° 42.4′ N 132° 22.2′ E
42° 41.1′ N 132° 48.5′ E
(See 50/92-96043)

Add Purple composite line (inshore traffic zone limit) between 42° 45.5′ N 132° 48.7′ E
42° 41.1′ N 132° 48.5′ E

Legend "INSHORE TRAFFIC ZONE"
42° 42.0′ N 132° 52.0′ E
(37(5720)93 St. Petersburg)

★**96043** 8Ed. 12/14/85 LAST NM 47/93 12/94
(Previously Distribution Limited)

Delete Legend
"DISTRIBUTION LIMITED
DESTROY WHEN NO LONGER NEEDED"
in upper left and lower right margin of chart
(DMAHTC)

96043 8Ed. 12/14/85 LAST NM 12/94 22/95
Delete Stranded wreck 42° 45.7′ N 133° 03.9′ E
(Rus CH 787)

96043 8Ed. 12/14/85 LAST NM 22/95 37/95
Delete WHIS from buoy 42° 45.2′ N 132° 53.5′ E

Change Visibility (range) of light (Iso R) to 12M 42° 50.4′ N 132° 56.4′ E
(Rus LL)

96043 8Ed. 12/14/85 LAST NM 37/95 45/95
Add Purple heavy dashed line (outside limit of traffic lane) between 42° 36.40′ N 132° 22.80′ E
42° 31.00′ N 132° 22.85′ E

Purple tint area (traffic separation zone) bound by chart border and limit joining 42° 31.00′ N 132° 20.15′ E
42° 36.20′ N 132° 20.10′ E
42° 36.20′ N 132° 18.10′ E
42° 31.00′ N 132° 18.15′ E

Open-outlined arrow indicating flow of traffic oriented
180° 42° 33.70′ N 132° 17.00′ E
000° 42° 33.70′ N 132° 21.60′ E
(36(2970)95 Taunton)

96043 8Ed. 12/14/85 LAST NM 45/95 7/96
Delete Purple dashed line
between 42° 44.6′ N 132° 58.1′ E
42° 50.2′ N 132° 58.4′ E

between 42° 44.5′ N 132° 58.8′ E
42° 49.3′ N 132° 59.2′ E

Legend
"ANCHORAGE" 42° 45.7′ N 132° 58.4′ E
"PROHIBITED" 42° 47.4′ N 132° 58.5′ E

Add Purple dashed line between 42° 44.59′ N 132° 58.03′ E
42° 44.52′ N 132° 58.81′ E
(43(6342)95 St. Petersburg)

96043 8Ed. 12/14/85 LAST NM 7/96 8/96
Change Light to Iso 19M HORN 42° 50.7′ N 132° 19.2′ E
(Rus CH 704; BA LL)

96043 8Ed. 12/14/85 LAST NM 8/96 13/96
Add Period 3s to light 42° 50.7′ N 132° 19.2′ E
(See 8/96-96043)
(BA LL)

96043 8Ed. 12/14/85 LAST NM 13/96 48/96
Add Submarine cable joining 42° 47.53′ N 132° 48.67′ E
42° 47.56′ N 132° 48.32′ E
42° 47.81′ N 132° 44.93′ E
42° 47.76′ N 132° 44.57′ E
42° 47.64′ N 132° 44.24′ E
42° 47.46′ N 132° 43.96′ E
42° 47.24′ N 132° 43.76′ E
42° 45.37′ N 132° 43.16′ E
42° 39.86′ N 132° 41.52′ E
42° 31.00′ N 132° 45.50′ E
(6(621)95 St. Petersburg)

96043 8Ed. 12/14/85 LAST NM 48/96 17/97
Change Visibility (range) of range light, rear to 10M 42° 51′ 14″N 132° 56′ 20″E
(BA LL)

96

96043 8Ed. 12/14/85 LAST NM 17/97 19/98
Change Light to Fl 8s 27m 7M with
visible sector 089°-285° 42° 46′ 50″N 132° 20′ 54″E
(GIMM016/98)

96043 8Ed. 12/14/85 LAST NM 19/98 41/98
Delete NAUTO and BELL from light 42° 40.6′ N 133° 02.5′ E
(12(1606)98 St. Petersburg)

96043 8Ed. 12/14/85 LAST NM 41/98 8/99
Add Areas, each bound by purple
dashed-line circle, radius 0.5 mile
"AREA 182 (SEE NOTE A)" centered
42° 45′ 13″N 132° 27′ 55″E
"AREA 183 (SEE NOTE A)" 42° 48′ 08″N 132° 34′ 43″E
"AREA 98-B (SEE NOTE A)"
42° 43′ 53″N 132° 36′ 54″E
(26(3890)98 St. Petersburg)

96043 8Ed. 12/14/85 LAST NM 8/99 9/99
Add Submarine cable
joining 42° 42′ 34″N 132° 49′ 59″E
42° 38′ 19″N 133° 05′ 11″E
42° 41′ 28″N 133° 04′ 41″E

joining 42° 43′ 37″N 133° 01′ 22″E
42° 43′ 58″N 132° 59′ 41″E
42° 42′ 25″N 132° 57′ 53″E
42° 36′ 37″N 132° 58′ 23″E
42° 33′ 43″N 133° 04′ 53″E
42° 34′ 19″N 133° 12′ 00″E

Light
Fl 3s 9M (PA) 42° 48′ 51″N 132° 22′ 00″E
Fl 5s 9M (PA) 42° 50′ 28″N 132° 32′ 23″E
(27(2372), 38(3437)98 Taunton)

96043 8Ed. 12/14/85 LAST NM 9/99 34/99
Add Submarine cable (power) [L31.1] joining
42° 52′ 42″N 132° 21′ 58″E
42° 52′ 15″N 132° 22′ 57″E
42° 52′ 09″N 132° 23′ 25″E
42° 51′ 32″N 132° 24′ 12″E
(6(562)99 St. Petersburg)

96043 8Ed. 12/14/85 LAST NM 34/99 47/00
Add Buoy (mooring) [Q40] 42° 53′ 50″N 132° 24′ 12″E
(28(4684)00 St. Petersburg)

96043 8Ed. 12/14/85 LAST NM 47/00 51/01
Delete Buoy (mooring) 42° 53′ 50″N 132° 24′ 12″E

Add Danger circle "Obstn" [K40] 42° 53′ 58″N 132° 24′ 12″E
(36(5889)00 St. Petersburg)

96043 8Ed. 12/14/85 LAST NM 51/01 16/02
Change Visibility (range) of light to 22M
42° 43′ 54″N 132° 20′ 36″E

Light to Fl 8s 7M 42° 46′ 50″N 132° 20′ 54″E
and delete sector limits

Add Height 44m to light 42° 48′ 51″N 132° 22′ 00″E
(BA LL)

96043 8Ed. 12/14/85 LAST NM 16/02 11/04
Add Depth 3.5 meters enclosed by dotted-line circle
42° 56′ 23″N 132° 24′ 15″E
(33(5374)03 St. Petersburg)

96043 8Ed. 12/14/85 LAST NM 11/04 32/05
Add Submarine cable [L30.1] joining
42° 38′ 46″N 133° 02′ 31″E
42° 34′ 18″N 133° 05′ 02″E
42° 35′ 22″N 133° 12′ 00″E
(52(8140)04 St. Petersburg)

96043 8Ed. 12/14/85 LAST NM 32/05 14/09
Add Depth 60 meters Wk [K26] 42° 41′ 00″N 132° 39′ 44″E
(19(2568)05 St. Petersburg)

96043 8Ed. 12/14/85 LAST NM 14/09 5/10
Delete Submarine cable joining 42° 38′ 46″N 133° 02′ 31″E
42° 34′ 18″N 133° 05′ 02″E
42° 35′ 22″N 133° 12′ 00″E

Add Submarine cable [L30.1] joining
42° 41′ 01″N 133° 04′ 50″E
42° 38′ 48″N 133° 02′ 16″E
42° 37′ 57″N 133° 02′ 15″E
42° 37′ 00″N 133° 03′ 20″E
42° 34′ 27″N 133° 04′ 47″E
42° 34′ 21″N 133° 07′ 08″E
42° 36′ 30″N 133° 08′ 27″E
42° 37′ 15″N 133° 12′ 00″E
(17(2077)09 St. Petersburg)

96043 8Ed. 12/14/85 LAST NM 5/10 7/10
Add Submarine cable [L30.1] joining
42° 52′ 03″N 132° 31′ 02″E
42° 52′ 04″N 132° 29′ 26″E
42° 52′ 18″N 132° 28′ 20″E
42° 54′ 23″N 132° 26′ 15″E
42° 55′ 25″N 132° 24′ 24″E
(21(2666)09 St. Petersburg)

96043 8Ed. 12/14/85 LAST NM 7/10 14/10
Add Anchor berth [N11.1] 42° 44′ 45″N 133° 00′ 08″E
(51(7042)09 St. Petersburg)

96043 8Ed. 12/14/85 LAST NM 14/10 30/10
Change Characteristic of light to Fl WRG 3s
42° 45′ 32″N 133° 03′ 08″E

Add Light Fl WRG 3s 88m 7M with sectors white
327°-141°, red-153°, green-173°, red-
191° 30′, white-244° 30′ 42° 42′ 47″N 133° 00′ 01″E
(8(907)10 St. Petersburg)

96043 8Ed. 12/14/85 LAST NM 30/10 48/10
Delete WHIS from buoy 42° 43′ 38″N 133° 00′ 25″E
(10(1178)10 St. Petersburg)

96043 8Ed. 12/14/85 LAST NM 48/10 22/11
Delete Dashed line joining 42° 46′ 04″N 133° 01′ 12″E
42° 45′ 56″N 133° 01′ 00″E
42° 45′ 42″N 133° 01′ 42″E

Dashed line joining 42° 45′ 37″N 133° 00′ 30″E
42° 45′ 51″N 133° 00′ 54″E
42° 45′ 36″N 133° 01′ 36″E
(15(1891)08 St. Petersburg)

96043 8Ed. 12/14/85 LAST NM 22/11 1/12
Add Danger circle "Obstn" [K40] 42° 43′ 57″N 132° 24′ 15″E
(53(8204)07 St. Petersburg)

96043 8Ed. 12/14/85 LAST NM 1/12 16/12
Add "Marine Farm" area [K48.1] bound by
dashed line joining 42° 48′ 37″N 132° 21′ 56″E
42° 48′ 51″N 132° 22′ 04″E
42° 49′ 05″N 132° 21′ 38″E
42° 49′ 22″N 132° 21′ 42″E
42° 49′ 22″N 132° 22′ 18″E
42° 48′ 37″N 132° 22′ 22″E

Purple dashed line with legend "Port Limit"
[N49] between 42° 53′ 50″N 132° 24′ 26″E
42° 51′ 40″N 132° 23′ 44″E
(47(6069, 6070)11 St. Petersburg)

96043 8Ed. 12/14/85 LAST NM 16/12 17/12
Add Marine farm symbol [K48.2] 42° 52′ 00″N 132° 24′ 32″E
Marine farm symbol [K48.2] 42° 50′ 20″N 132° 35′ 46″E
Marine farm symbol [K48.2] 42° 50′ 15″N 132° 34′ 47″E

"Marine Farm" area [K48.1] bound by
dashed line joining 42° 52′ 35″N 132° 45′ 35″E
42° 53′ 15″N 132° 45′ 35″E
42° 52′ 15″N 132° 46′ 29″E
42° 52′ 35″N 132° 46′ 18″E

(continued on next page)

96043 (Continued) 17/12
"Marine Farm" area [K48.1] bound by
dashed line joining 42° 50′ 37″N 132° 21′ 31″E
42° 50′ 57″N 132° 21′ 42″E
42° 50′ 57″N 132° 22′ 14″E
42° 50′ 15″N 132° 22′ 07″E

"Marine Farm" area [K48.1] bound by
dashed line joining 42° 58′ 00″N 132° 17′ 48″E
42° 57′ 36″N 132° 17′ 37″E
42° 57′ 36″N 132° 17′ 05″E
42° 58′ 00″N 132° 17′ 12″E
(26(3167, 3171), 47(6071, 6072, 6073)11 St. Petersburg)

96043 8Ed. 12/14/85 LAST NM 17/12 21/12
Delete "Marine Farm" area in vicinity 42° 52′ 40″N 132° 45′ 58″E
(See 17/12-96043)

Add "Marine Farm" area [K48.1] bound by
dashed line joining 42° 52′ 35″N 132° 45′ 35″E
42° 53′ 15″N 132° 45′ 35″E
42° 53′ 15″N 132° 46′ 29″E
42° 52′ 35″N 132° 46′ 18″E
(47(6073)11 St. Petersburg)

96043 8Ed. 12/14/85 LAST NM 21/12 13/13
Add Depth 85 meters Obstn [K41] 42° 38′ 58″N 132° 56′ 04″E
(51(7874)12 St. Petersburg)

96043 8Ed. 12/14/85 LAST NM 13/13 7/14
Delete Dashed line between 42° 48′ 18″N 132° 56′ 04″E
42° 48′ 06″N 132° 56′ 04″E

Dashed line between 42° 48′ 38″N 132° 55′ 12″E
42° 48′ 39″N 132° 55′ 31″E

Add Dashed line between 42° 48′ 18″N 132° 56′ 04″E
42° 48′ 39″N 132° 55′ 31″E

Dashed line between 42° 48′ 06″N 132° 56′ 04″E
42° 48′ 38″N 132° 55′ 12″E

Legend "Channel No 6A" between
42° 48′ 33″N 132° 55′ 31″E
42° 48′ 13″N 132° 56′ 03″E
(27(3731)08 St. Petersburg; UKHO ARCS 3041-0)

★**96044** 10Ed. 7/3/93 NEW EDITION 38/93
(DMAHTC)

96044 10Ed. 7/3/93 LAST NM 38/93 41/93
Delete "PROHIB" area in vicinity 42° 47.7′ N 132° 53.1′ E
(23(3547)93 St. Petersburg)

96044 10Ed. 7/3/93 LAST NM 41/93 47/93
Add Legend "INSHORE TRAFFIC ZONE"
42° 42.0′ N 132° 52.0′ E
(37(5720)93 St. Petersburg)

96044 10Ed. 7/3/93 LAST NM 47/93 12/94
Delete Purple composite-line circle in
vicinity 42° 47.9′ N 132° 52.9′ E
(51(7867)93 St. Petersburg)

96044 10Ed. 7/3/93 LAST NM 12/94 31/94
Delete Dashed line joining 42° 45.8′ N 132° 55.0′ E
42° 45.6′ N 132° 55.4′ E
42° 45.3′ N 132° 55.0′ E

Relocate Legend "CAUTION NO 1"
close SW to 42° 45.4′ N 132° 54.6′ E

Add Dashed line between 42° 45.81′ N 132° 54.97′ E
42° 45.28′ N 132° 54.97′ E
(18(2606)94 St. Petersburg)

96044 10Ed. 7/3/93 LAST NM 31/94 53/94
Delete Area in vicinity
"AREA NO 96...NO 2" 42° 49.4′ N 132° 54.2′ E
"AREA NO 97...NO 2" 42° 48.1′ N 132° 53.4′ E

Change Line 3 of CAUTIONS note to
"2. In area No. 98, 99-A and
313, anchoring, bottom
fishing," 42° 47.6′ N 133° 05.2′ E
(39(5657)94 St. Petersburg)

96044 10Ed. 7/3/93 LAST NM 53/94 22/95
Delete Solid line area 42° 41′ 09″N 132° 56′ 34″E
42° 41′ 03″N 132° 56′ 41″E
42° 41′ 03″N 132° 56′ 46″E

Substitute Depth 12.4 meters for
19.0 meters 42° 47′ 10″N 132° 54′ 45″E

Add Solid line (breakwater)
between 42° 45′ 44″N 133° 03′ 49″E
42° 45′ 47″N 133° 03′ 51″E
(Rus CH 787)

96044 10Ed. 7/3/93 LAST NM 22/95 37/95
Delete WHIS from buoy 42° 45.1′ N 132° 53.5′ E

Change Visibility (range) of light
(Iso R) to 12M 42° 50.4′ N 132° 56.4′ E
(Rus LL)

96044 10Ed. 7/3/93 LAST NM 37/95 42/95
Delete Buoy 42° 46.1′ N 132° 53.7′ E
42° 46.4′ N 132° 53.4′ E
42° 46.5′ N 132° 53.6′ E
42° 48.7′ N 132° 54.5′ E
42° 45.1′ N 133° 01.7′ E
42° 43.6′ N 132° 59.9′ E
(19(2776)95 St. Petersburg)

96044 10Ed. 7/3/93 LAST NM 42/95 7/96
Delete Purple composite line
between 42° 44.6′ N 132° 58.1′ E
42° 50.2′ N 132° 58.3′ E

between 42° 44.5′ N 132° 58.8′ E
42° 49.3′ N 132° 59.2′ E

Legend "CAUTION...98" 42° 49.1′ N 132° 58.7′ E

Add Purple composite line between 42° 44.59′ N 132° 58.03′ E
42° 44.52′ N 132° 58.81′ E
(43(6342)95 St. Petersburg)

96044 10Ed. 7/3/93 LAST NM 7/96 11/97
Add Light Fl Y 4s 57m 4M 42° 46.42′ N 133° 02.70′ E
(24(3470)96 St. Petersburg)

96044 10Ed. 7/3/93 LAST NM 11/97 17/97
Delete Obscured sector from light 42° 50′ 22″N 132° 56′ 20″E

Change Visibility (range) of range light,
rear to 10M 42° 51′ 14″N 132° 56′ 20″E
(BA LL)

96044 10Ed. 7/3/93 LAST NM 17/97 19/97
Add Danger circle "Obstn" 42° 48′ 40″N 132° 54′ 16″E
(6(521)97 Taunton)

96044 10Ed. 7/3/93 LAST NM 19/97 41/98
Add Depth 3 meters Obstn 42° 47′ 10.8″N 132° 52′ 12.6″E
(12(1607)98 St. Petersburg)

96044 10Ed. 7/3/93 LAST NM 41/98 8/99
Add Submarine cable joining 42° 43′ 37″N 133° 01′ 22″E
42° 43′ 58″N 132° 59′ 41″E
42° 42′ 29″N 132° 57′ 57″E
42° 40′ 48″N 132° 58′ 02″E

"PROHIBITED AREA" bound by shore
and purple composite line
joining 42° 42′ 57″N 133° 00′ 07″E
42° 43′ 13″N 133° 00′ 05″E
42° 42′ 59″N 133° 01′ 05″E
42° 42′ 48″N 133° 01′ 03″E

joining 42° 43′ 31″N 133° 00′ 53″E
42° 43′ 37″N 132° 59′ 53″E
42° 45′ 04″N 133° 01′ 47″E
42° 44′ 44″N 133° 02′ 33″E
(27(2371, 2372)98 Taunton)

96044 10Ed. 7/3/93 LAST NM 8/99 3/00
Add Legend "Dredging in progress (1999)"
42° 44′ 18.0″N 133° 04′ 24.0″E
(34(5088)99 St. Petersburg)

96

96044 10Ed. 7/3/93 LAST NM 3/00 49/01
Add "FUELING ANCHORAGE AREA" bound by
dashed line joining 42° 48′ 12.3″N 132° 55′ 15.0″E
42° 48′ 24.3″N 132° 55′ 15.0″E
42° 48′ 24.3″N 132° 55′ 33.0″E
42° 48′ 12.3″N 132° 55′ 33.0″E
(8(1019)00 St. Petersburg)

96044 10Ed. 7/3/93 LAST NM 49/01 51/01
Add Depth 6 meters 42° 48′ 50.1″N 132° 53′ 27.6″E

Depth 9.3 meters enclosed by depth contour
(10-meter) 42° 48′ 18.6″N 132° 54′ 11.0″E

Dangerous submerged rock [K13]
42° 48′ 22.7″N 132° 54′ 39.6″E
Dangerous submerged rock [K13]
42° 48′ 26.1″N 132° 54′ 35.6″E
Dangerous submerged rock [K13]
42° 48′ 29.9″N 132° 54′ 34.2″E
Dangerous submerged rock [K13]
42° 48′ 33.7″N 132° 54′ 33.8″E
Dangerous submerged rock [K13]
42° 48′ 33.5″N 132° 54′ 30.2″E
(33(5427)00 St. Petersburg)

96044 10Ed. 7/3/93 LAST NM 51/01 52/01
Add Depth 6.4 meters Obstn [K41]
42° 47′ 20.0″N 132° 52′ 20.9″E
Depth 12 meters Obstn [K41]
42° 47′ 33.5″N 132° 52′ 47.8″E
Depth 8.2 meters 42° 47′ 44.6″N 132° 52′ 50.4″E
Depth 8.2 meters 42° 47′ 38.8″N 132° 52′ 43.3″E
Depth 3.5 meters 42° 47′ 29.0″N 132° 52′ 19.2″E
Depth 3.2 meters 42° 47′ 26.6″N 132° 52′ 15.0″E
Depth 4.7 meters 42° 47′ 24.6″N 132° 52′ 11.6″E
Depth 5.3 meters 42° 47′ 22.5″N 132° 52′ 35.6″E
Depth 8.2 meters 42° 48′ 03.9″N 132° 53′ 36.5″E
Depth 1.7 meters 42° 47′ 08.9″N 132° 52′ 07.4″E
Depth 7 meters 42° 47′ 26.4″N 132° 52′ 35.5″E
Depth 6.7 meters 42° 47′ 47.5″N 132° 52′ 52.4″E
Depth 7.2 meters 42° 47′ 52.7″N 132° 52′ 57.9″E
(14(1917)01 St. Petersburg)

96044 10Ed. 7/3/93 LAST NM 52/01 1/02
Change Legend to "Lts in line 117° 00′ "
42° 45′ 28.0″N 133° 02′ 00.0″E

Add Light FR 6M to beacon with visible sector
287° -307° 42° 44′ 04.1″N 133° 05′ 47.9″E
Light FR 6M to beacon with visible sector
287° -307° 42° 43′ 57.8″N 133° 06′ 06.0″E
(25(3678)01 St. Petersburg)

96044 10Ed. 7/3/93 LAST NM 1/02 8/02
Delete Dangerous submerged rock 42° 48′ 22.7″N 132° 54′ 39.6″E
Dangerous submerged rock 42° 48′ 26.1″N 132° 54′ 35.6″E
Dangerous submerged rock 42° 48′ 29.9″N 132° 54′ 34.2″E
Dangerous submerged rock 42° 48′ 33.7″N 132° 54′ 33.8″E
Dangerous submerged rock 42° 48′ 33.5″N 132° 54′ 30.2″E
Danger circle "Obstn" 42° 48′ 40.0″N 132° 54′ 16.0″E
(See 51/01-96044)
(45(6973, 6974)01 St. Petersburg)

96044 10Ed. 7/3/93 LAST NM 8/02 29/02
Substitute Dashed range line for solid line between
42° 44′ 30.3″N 133° 04′ 40.0″E
42° 44′ 43.0″N 133° 04′ 06.0″E

Add Range light, front FR 1M 42° 45′ 12.0″N 133° 05′ 05.7″E
Range light, rear FR 1M 42° 45′ 14.0″N 133° 05′ 07.0″E

Range line extending in 204° 30′ direction
from above rear range light
dashed for 1050 meters, thence
solid for 550 meters

Legend "Lts in line 024° 30′ " along above
range line 42° 44′ 36.0″N 133° 04′ 42.0″E

Light Oc R 4.5s 2M 42° 44′ 44.2″N 133° 04′ 45.9″E
(10(1307)02 St. Petersburg)

96044 10Ed. 7/3/93 LAST NM 29/02 30/02
Add Depth 6.4 meters 42° 44′ 32.1″N 133° 04′ 43.5″E
(14(1939)02 St. Petersburg)

96044 10Ed. 7/3/93 LAST NM 30/02 23/03
Add Buoy YB, pillar, double cone topmark
points downward, Q(6) + L Fl 15s [Q130.3]
42° 45′ 18.8″N 133° 03′ 56.0″E
(50(8377)00 St. Petersburg)

96044 10Ed. 7/3/93 LAST NM 23/03 38/03
Substitute Depth 22.2 meters for 34 meters
42° 45′ 19.3″N 132° 54′ 54.2″E

Add Depth 2.5 meters 42° 47′ 28.6″N 132° 58′ 04.2″E

Depth 16.2 meters, blue tint and enclosing
depth contour (20-meter) 42° 45′ 42.6″N 132° 55′ 01.0″E
Depth 14.6 meters, blue tint and enclosing
depth contour (20-meter) 42° 45′ 39.1″N 132° 55′ 04.7″E
Depth 13.2 meters, blue tint and enclosing
depth contour (20-meter) 42° 45′ 36.8″N 132° 55′ 00.1″E

Depth 22.6 meters 42° 45′ 35.6″N 132° 55′ 17.7″E
Depth 28.2 meters 42° 45′ 33.5″N 132° 55′ 25.0″E
Depth 23.8 meters 42° 45′ 27.4″N 132° 55′ 10.4″E

Depth 14.6 meters, blue tint and enclosing
depth contour (20-meter) 42° 45′ 32.7″N 132° 54′ 57.8″E
Depth 19.6 meters, blue tint and enclosing
depth contour (20-meter) 42° 45′ 24.8″N 132° 54′ 54.3″E
(5(573)03 St. Petersburg)

96044 10Ed. 7/3/93 LAST NM 38/03 51/03
Delete Depth 16.6 meters 42° 45′ 10.0″N 133° 03′ 02.5″E
Depth 12.6 meters 42° 44′ 18.5″N 133° 04′ 29.5″E

Substitute Depth 16.9 meters for 13.6 meters
42° 45′ 10.2″N 133° 03′ 08.1″E

Add Depth 16 meters 42° 45′ 11.3″N 133° 03′ 00.5″E
Depth 17.4 meters 42° 45′ 06.0″N 133° 03′ 16.9″E
Depth 13.9 meters 42° 44′ 34.8″N 133° 04′ 15.0″E
Depth 13.6 meters 42° 44′ 26.4″N 133° 04′ 38.1″E
Depth 12.6 meters 42° 44′ 28.5″N 133° 04′ 23.4″E
Depth 12 meters 42° 44′ 25.0″N 133° 04′ 23.3″E
Depth 11.4 meters 42° 44′ 20.6″N 133° 04′ 29.6″E
(21(3381), 22(3489)03 St. Petersburg)

96044 10Ed. 7/3/93 LAST NM 51/03 2/04
Add Light Fl R 3s 2M 42° 43′ 00.6″N 133° 01′ 28.8″E
Light Fl G 3s 1M 42° 42′ 57.6″N 133° 01′ 28.2″E
(40(3701)99 Taunton)

96044 10Ed. 7/3/93 LAST NM 2/04 7/04
Delete Depth 9.3 meters 42° 48′ 18.6″N 132° 54′ 11.0″E
Depth 6 meters 42° 48′ 50.1″N 132° 53′ 27.6″E

Add Depth 9.1 meters Obstn [K41]
42° 48′ 34.5″N 132° 54′ 15.5″E
Depth 10.6 meters 42° 48′ 26.4″N 132° 54′ 14.9″E

Dashed line (wharf) with legend "Under
construction" [F32] joining 42° 48′ 44.5″N 132° 53′ 23.1″E
42° 48′ 43.7″N 132° 53′ 25.5″E
42° 48′ 49.9″N 132° 53′ 29.0″E

Depth 8.1 meters 42° 48′ 27.7″N 132° 53′ 13.2″E
Depth 7.8 meters 42° 48′ 19.4″N 132° 53′ 08.3″E
Depth 7 meters 42° 48′ 17.9″N 132° 53′ 03.3″E

Depth 3.5 meters enclosed by depth contour
(5-meter) 42° 48′ 24.7″N 132° 52′ 49.3″E
Depth 3.8 meters enclosed by depth contour
(5-meter) 42° 48′ 30.6″N 132° 52′ 38.3″E
(23(3635)03 St. Petersburg)

96044 10Ed. 7/3/93 LAST NM 7/04 20/04
Delete Buoy 42° 45′ 18.8″N 133° 03′ 56.0″E
(Supersedes 23/03-96044)

Add Depth 9.4 meters 42° 45′ 22.5″N 133° 03′ 51.8″E
Depth 7.4 meters 42° 45′ 21.7″N 133° 03′ 57.6″E
Depth 10.2 meters 42° 45′ 20.6″N 133° 03′ 55.6″E
(46(7606)03 St. Petersburg)

96044 10Ed. 7/3/93 LAST NM 20/04 48/09
Add Dashed line and legend "Oil Port Limit" [N1]
between 42° 47′ 11.4″N 132° 54′ 38.0″E
42° 45′ 54.3″N 132° 54′ 42.0″E

(continued on next page)

96044 (Continued) 48/09
Dashed line and legend "Oil Port Limit" [N1]
between 42° 45′ 39.8″N 132° 53′ 36.4″E
42° 45′ 14.3″N 132° 54′ 00.5″E
(22(2812)09 St. Petersburg)

96044 10Ed. 7/3/93 LAST NM 48/09 51/09
Delete Dashed-line area and legend "VOSTOCHNYY HARBOR LIMITS" bound by shore and limit
joining 42° 47′ 46.3″N 133° 00′ 09.0″E
42° 47′ 30.3″N 132° 58′ 58.0″E
42° 44′ 30.3″N 132° 58′ 58.0″E
42° 43′ 30.0″N 133° 00′ 51.0″E

Add Dashed-line area and legend "VOSTOCHNYY HARBOR LIMITS" [N1.1] bound by shore and
limit joining 42° 42′ 53.3″N 132° 59′ 54.0″E
42° 43′ 42.3″N 132° 57′ 03.0″E
42° 47′ 00.3″N 132° 57′ 03.0″E
42° 47′ 46.3″N 133° 00′ 10.0″E
(28(3625)09 St. Petersburg)

96044 10Ed. 7/3/93 LAST NM 51/09 14/10
Add Anchor berth [N11.2], radius 555 meters,
centered 42° 44′ 44.7″N 133° 00′ 09.0″E
(51(7042)09 St. Petersburg)

96044 10Ed. 7/3/93 LAST NM 14/10 23/10
Add Range light, front L Fl R 5s 33m 6M
42° 46′ 42.7″N 133° 01′ 47.8″E
Range light, rear L Fl R 5s 36m 6M
42° 46′ 50.3″N 133° 02′ 00.1″E

Range line extending in 230° 00′ direction
from above rear range light
dashed for 2400 meters, thence
solid for 6300 meters

Legend "Lts in line 050° 00′ " along above
range line 42° 45′ 10.0″N 132° 59′ 18.0″E

Buoy "1" YBY, pillar, double cone topmark
points together, Q(9) 15s [Q130.3]
42° 43′ 13.3″N 133° 00′ 45.0″E

Buoy "2" BY, pillar, double cone topmark
points upward, Q [Q130.3] 42° 43′ 04.3″N 133° 00′ 38.0″E
(7(756, 757)10 St. Petersburg; UKHO LL)

96044 10Ed. 7/3/93 LAST NM 23/10 30/10
Change Light to Fl WRG 3s 9m 7M with sectors white
230° -048° , green-063° , red-079° , white-133°
42° 45′ 33.0″N 133° 03′ 09.0″E

Add Light Fl WRG 3s 88m 7M with sectors white
327° -141° , red-153° , green-173° , red-
191° 30', white-244° 30' 42° 42′ 47.3″N 133° 00′ 02.0″E
(8(907)10 St. Petersburg)

96044 10Ed. 7/3/93 LAST NM 30/10 33/10
Delete Light 42° 43′ 00.6″N 133° 01′ 28.8″E
Light 42° 42′ 57.6″N 133° 01′ 28.2″E

Add Light Fl(2) R 5s 2M 42° 43′ 00.3″N 133° 01′ 26.1″E
Light Fl(2) G 5s 1M 42° 42′ 57.0″N 133° 01′ 25.0″E
(44(6412)06 St. Petersburg)

96044 10Ed. 7/3/93 LAST NM 33/10 36/10
Delete Prohibited area and legend "Prohibited Area"
in vicinity 42° 43′ 00.0″N 133° 00′ 30.0″E
(8(839)08 St. Petersburg)

96044 10Ed. 7/3/93 LAST NM 36/10 40/10
Add Depth 15 meters Rk [K14.1]
42° 44′ 08.4″N 133° 01′ 25.6″E
Depth 17.6 meters Rk [K14.1]
42° 44′ 13.9″N 133° 01′ 25.9″E
(22(3025)05 St. Petersburg)

96044 10Ed. 7/3/93 LAST NM 40/10 46/10
Delete Dashed line and legend "NAKHODKA HARBOR LIMIT" between
42° 44′ 20.0″N 132° 52′ 22.0″E
42° 43′ 30.3″N 133° 00′ 51.0″E

Add Dashed line and legend "NAKHODKA HARBOR LIMIT" [N49] between
42° 44′ 20.3″N 132° 52′ 21.0″E
42° 43′ 42.3″N 132° 57′ 03.0″E
(31(4113)10 St. Petersburg)

96044 10Ed. 7/3/93 LAST NM 46/10 48/10
Delete WHIS from buoy 42° 43′ 38.0″N 133° 00′ 22.2″E
(10(1178)10 St. Petersburg)

96044 10Ed. 7/3/93 LAST NM 48/10 15/11
Add Buoy (mooring) [Q40] 42° 43′ 00.7″N 133° 00′ 41.6″E
Buoy (mooring) [Q40] 42° 42′ 56.4″N 133° 00′ 38.3″E
Danger circle "Obstn" [K40]
42° 43′ 10.5″N 133° 00′ 27.0″E
Danger circle "Obstn" [K40]
42° 43′ 14.4″N 133° 00′ 31.3″E
Danger circle "Obstn" [K40]
42° 43′ 06.1″N 133° 00′ 41.3″E
(41(5277)10 St. Petersburg)

96044 10Ed. 7/3/93 LAST NM 15/11 22/11
Delete Purple heavy dashed line between
42° 46′ 02.7″N 133° 01′ 08.4″E
42° 45′ 58.0″N 133° 00′ 59.0″E

Dashed line between 42° 45′ 58.0″N 133° 00′ 59.0″E
42° 45′ 42.0″N 133° 01′ 40.8″E

Purple heavy dashed line between
42° 45′ 38.1″N 133° 00′ 30.0″E
42° 45′ 50.8″N 133° 00′ 49.5″E

Dashed line between 42° 45′ 50.8″N 133° 00′ 49.5″E
42° 45′ 34.5″N 133° 01′ 36.0″E
(15(1891)08 St. Petersburg)

96044 10Ed. 7/3/93 LAST NM 22/11 48/11
Add Dashed line with legend "Harbour Limit" [N1]
between 42° 49′ 22.8″N 132° 54′ 05.6″E
42° 48′ 35.1″N 132° 54′ 22.5″E

Dashed line with legend "Harbour Limit" [N1]
between 42° 45′ 33.3″N 133° 03′ 08.0″E
42° 44′ 46.3″N 133° 02′ 48.9″E
(4(268)08 St. Petersburg)

96044 10Ed. 7/3/93 LAST NM 48/11 9/12
Delete Beacon 42° 47′ 03.0″N 132° 53′ 36.0″E
Beacon 42° 46′ 53.3″N 132° 53′ 30.0″E
(53(7017)10 St. Petersburg)

96044 10Ed. 7/3/93 LAST NM 9/12 39/13
Change Lines 10 and 11 of NOTE to "Zone. For details
of the vessel traffic service and reporting
systems, see Sailing Directions."
42° 48′ 02.8″N 133° 05′ 16.0″E

Add Sector red 257° 54′ -277° 54′ to range light,
front 42° 48′ 39.6″N 132° 53′ 08.7″E
Sector red 257° 54′ -277° 54′ to range light,
rear 42° 48′ 39.4″N 132° 53′ 03.6″E

Legend "Works in progress"
42° 48′ 26.0″N 132° 54′ 41.5″E

Precautionary area [M24] bound by existing
purple heavy dashed line and purple heavy
dashed line joining 42° 46′ 03.5″N 133° 01′ 08.3″E
42° 45′ 42.4″N 133° 01′ 41.1″E
42° 45′ 34.8″N 133° 01′ 35.8″E
42° 45′ 38.5″N 133° 00′ 28.2″E
42° 45′ 58.6″N 133° 00′ 09.2″E
42° 46′ 17.1″N 133° 00′ 31.4″E
Precautionary area symbol [M16]
42° 45′ 40.0″N 133° 00′ 48.4″E
Legend "PRECAUTIONARY AREA NO 301
SEE NOTE" 42° 45′ 49.0″N 133° 00′ 50.4″E
(17(1885)11, 36(5332)12, 29(4514)13 St. Petersburg;
UKHO ARCS 3041-0)

96044 10Ed. 7/3/93 LAST NM 39/13 51/13
Change First line of Caution No. 2 to "In areas No. 97,
98, 99-A and 313, anchoring, bottom fishing,"
42° 47′ 39.6″N 133° 05′ 12.8″E

(continued on next page)

96044 (Continued) 51/13
Add Submarine cable [L30.1] between
42° 48′ 18.8″N 132° 53′ 03.0″E
42° 47′ 59.5″N 132° 53′ 31.1″E

Purple composite line joining
42° 48′ 23.5″N 132° 53′ 10.5″E
42° 48′ 01.3″N 132° 53′ 40.0″E
42° 47′ 59.1″N 132° 53′ 36.5″E

Purple composite line joining
42° 47′ 52.9″N 132° 53′ 24.6″E
42° 48′ 15.3″N 132° 52′ 57.0″E
42° 48′ 18.9″N 132° 53′ 02.7″E

Legend "AREA NO 97 CAUTION NO 2"
42° 48′ 07.9″N 132° 53′ 20.5″E
(9(1084)06 St. Petersburg)

96044 10Ed. 7/3/93 LAST NM 51/13 7/14
Delete Purple heavy dashed line between
42° 48′ 18.3″N 132° 56′ 03.5″E
42° 48′ 06.9″N 132° 56′ 03.5″E

Dashed line between 42° 48′ 38.3″N 132° 55′ 13.0″E
42° 48′ 38.9″N 132° 55′ 28.1″E

Dashed line joining 42° 48′ 14.3″N 132° 54′ 44.3″E
42° 48′ 11.3″N 132° 56′ 02.4″E
42° 48′ 06.9″N 132° 56′ 03.4″E

Add Dashed line between 42° 48′ 18.3″N 132° 56′ 03.5″E
42° 48′ 38.9″N 132° 55′ 28.1″E

Dashed line between 42° 48′ 06.9″N 132° 56′ 03.5″E
42° 48′ 38.3″N 132° 55′ 13.0″E

Dashed line (one-way track) [M5.2] with open-outlined arrow indicating flow of traffic oriented 130° between 42° 48′ 37.3″N 132° 55′ 22.0″E
42° 48′ 13.3″N 132° 56′ 03.0″E
Legend "Channel No 6A" along above dashed line 42° 48′ 27.4″N 132° 55′ 40.3″E

Dashed line between 42° 48′ 14.3″N 132° 54′ 44.3″E
42° 48′ 06.9″N 132° 56′ 03.4″E
(27(3731)08 St. Petersburg; UKHO ARCS 3041-0)

★96060 7Ed. 4/30/94 NEW EDITION 27/94
Change Caution No 5 of CAUTIONS note to "5. Reserved." 43° 40.2′ N 134° 07.0′ E

Add Legend "000° " 42° 47.0′ N 132° 57.3′ E
(DMAHTC; BA LL)

96060 7Ed. 4/30/94 LAST NM 27/94 48/96
Add Submarine cable joining 42° 47.7′ N 132° 48.3′ E
42° 47.2′ N 132° 43.7′ E
42° 45.4′ N 132° 43.2′ E
42° 39.9′ N 132° 41.5′ E
42° 30.7′ N 132° 45.7′ E
42° 26.1′ N 132° 46.5′ E
(6(621)95 St. Petersburg)

96060 7Ed. 4/30/94 LAST NM 48/96 8/97
Add Depth
38 meters 42° 43.8′ N 133° 18.5′ E
49 meters 42° 42.6′ N 133° 16.4′ E
39 meters 42° 42.3′ N 133° 14.3′ E
(35(5235)96 St. Petersburg)

96060 7Ed. 4/30/94 LAST NM 8/97 17/97
Change Visibility (range) of range light, rear to 10M 42° 51.3′ N 132° 56.3′ E
(BA LL)

96060 7Ed. 4/30/94 LAST NM 17/97 41/98
Delete NAUTO from light 42° 40.5′ N 133° 02.8′ E
42° 48.5′ N 133° 43.0′ E
42° 53.7′ N 133° 53.0′ E

BELL from light 43° 30.5′ N 135° 08.3′ E
(12(1606, 1608, 1610, 1613)98 St. Petersburg)

96060 7Ed. 4/30/94 LAST NM 41/98 8/99
Change Characteristic of light to Fl(3) 7 ½s 43° 30.5′ N 135° 08.3′ E

Add Submarine cable joining 43° 48.3′ N 135° 30.4′ E
43° 35.0′ N 135° 16.4′ E
43° 23.2′ N 135° 00.1′ E
43° 13.6′ N 134° 41.3′ E
43° 05.3′ N 134° 24.1′ E
42° 54.8′ N 134° 06.4′ E
42° 45.7′ N 133° 47.4′ E
42° 41.8′ N 133° 27.6′ E
42° 38.1′ N 133° 05.1′ E
(24(3572, 3573)98 St. Petersburg)

96060 7Ed. 4/30/94 LAST NM 8/99 9/99
Add Submarine cable joining 42° 34.2′ N 133° 02.7′ E
42° 33.7′ N 133° 04.9′ E
42° 35.5′ N 133° 26.7′ E

Light
Fl 4s 7M 43° 01.7′ N 134° 11.1′ E
Fl 3s 10M 43° 06.0′ N 134° 18.5′ E
(27(2372), 38(3439)98 Taunton)

96060 7Ed. 4/30/94 LAST NM 9/99 46/00
Add Wreck [K29] 43° 04′ 00″N 134° 21′ 03″E
(30(4995)00 St. Petersburg)

96060 7Ed. 4/30/94 LAST NM 46/00 46/01
Add Submarine cable [L30.1] joining
43° 55′ 00″N 135° 41′ 28″E
43° 52′ 46″N 135° 37′ 16″E
43° 51′ 07″N 135° 30′ 58″E
(16(2303)98 St. Petersburg)

96060 7Ed. 4/30/94 LAST NM 46/01 48/04
Add Depth 6.8 meters 42° 49′ 43″N 133° 40′ 38″E
(16(2394)04 St. Petersburg)

96060 7Ed. 4/30/94 LAST NM 48/04 32/05
Add Submarine cable [L30.1] joining
42° 38′ 46″N 133° 02′ 31″E
42° 34′ 18″N 133° 05′ 03″E
42° 36′ 54″N 133° 21′ 57″E
42° 41′ 19″N 133° 42′ 09″E
42° 41′ 36″N 133° 45′ 33″E
42° 46′ 10″N 133° 58′ 27″E
42° 53′ 27″N 134° 10′ 15″E
42° 59′ 42″N 134° 20′ 45″E
43° 10′ 40″N 134° 40′ 31″E
43° 11′ 08″N 134° 42′ 38″E
43° 17′ 33″N 134° 55′ 51″E
43° 20′ 16″N 135° 02′ 36″E
43° 21′ 24″N 135° 04′ 19″E
43° 26′ 30″N 135° 11′ 03″E
43° 27′ 18″N 135° 10′ 57″E
43° 27′ 54″N 135° 12′ 51″E
43° 30′ 48″N 135° 17′ 00″E
43° 35′ 00″N 135° 20′ 39″E
43° 42′ 54″N 135° 30′ 03″E
43° 46′ 48″N 135° 30′ 03″E
43° 48′ 28″N 135° 29′ 39″E
(52(8140)04 St. Petersburg)

96060 7Ed. 4/30/94 LAST NM 32/05 5/10
Delete Submarine cable joining 42° 38.8′ N 133° 02.5′ E
42° 34.3′ N 133° 05.0′ E
42° 38.3′ N 133° 28.8′ E

Add Submarine cable [L30.1] joining 42° 38.8′ N 133° 02.3′ E
42° 38.0′ N 133° 02.2′ E
42° 37.0′ N 133° 03.3′ E
42° 34.4′ N 133° 04.8′ E
42° 34.3′ N 133° 07.1′ E
42° 36.5′ N 133° 08.4′ E
42° 37.2′ N 133° 15.0′ E
42° 38.5′ N 133° 28.8′ E
(17(2077)09 St. Petersburg)

96060 7Ed. 4/30/94 LAST NM 5/10 44/11
Add Submarine cable [L30.1] joining 42° 40.2′ N 133° 05.2′ E
42° 38.8′ N 133° 05.6′ E
42° 40.1′ N 133° 11.1′ E
42° 43.8′ N 133° 30.9′ E
42° 45.2′ N 133° 37.3′ E
42° 49.9′ N 133° 38.6′ E
(25(3209)09 St. Petersburg)

96060 7Ed. 4/30/94 LAST NM 44/11 18/12
Add Note No. 3 to NOTES
"3. Numerous marine farms exist, charted and uncharted, in the area covered by this chart. Their positions may change frequently and without notice. Marine farms may be marked by lit or unlit buoys or beacons. Mariners are advised to navigate with caution in areas where marine farms may be present." 43° 26.5′ N 133° 50.0′ E

Legend "NOTE NO 3" 43° 53.2′ N 133° 52.0′ E

"Marine Farm" area [K48.1] bound by dashed line joining
42° 52.7′ N 133° 49.0′ E
42° 53.1′ N 133° 49.8′ E
42° 53.6′ N 133° 51.1′ E
42° 53.0′ N 133° 51.5′ E
42° 52.2′ N 133° 49.5′ E
(21(2437-2439), 24(2872)11 St. Petersburg)

★**96080** 6Ed. 7/15/95 NEW EDITION 37/95
(DMA)

96080 6Ed. 7/15/95 LAST NM 37/95 4/96
Delete Restricted area in vicinity
"AREA NO 327...NO 1" 44° 04.7′ N 135° 50.5′ E
"AREA NO 328...NO 1" 44° 16.5′ N 135° 57.5′ E

Change Caution No 1 of CAUTIONS note to
"1. Reserved." 44° 48.5′ N 135° 28.0′ E
(28(4109)95 St. Petersburg)

96080 6Ed. 7/15/95 LAST NM 4/96 41/98
Delete BELL from light 43° 30.5′ N 135° 08.3′ E
(12(1612)98 St. Petersburg)

96080 6Ed. 7/15/95 LAST NM 41/98 8/99
Change Characteristic of light to Fl(3) 7½s 43° 30.5′ N 135° 08.3′ E

Add Submarine cable joining
43° 48.3′ N 135° 30.4′ E
43° 35.0′ N 135° 16.4′ E
43° 23.2′ N 135° 00.1′ E
43° 20.0′ N 134° 53.7′ E
(24(3572, 3573)98 St. Petersburg)

96080 6Ed. 7/15/95 LAST NM 8/99 2/00
Add Buoy (mooring) 44° 05′ 30″N 136° 13′ 03″E
Buoy (mooring) 44° 02′ 30″N 136° 09′ 03″E
(29(4221)99 St. Petersburg)

96080 6Ed. 7/15/95 LAST NM 2/00 46/01
Add Submarine cable [L30.1] joining
45° 20′ 00″N 137° 10′ 00″E
45° 18′ 25″N 137° 07′ 52″E
45° 07′ 07″N 136° 51′ 46″E
44° 52′ 37″N 136° 36′ 58″E
44° 40′ 19″N 136° 25′ 40″E
44° 30′ 31″N 136° 13′ 10″E
44° 28′ 25″N 136° 09′ 28″E
44° 16′ 55″N 135° 51′ 28″E
43° 59′ 19″N 135° 48′ 16″E
43° 52′ 46″N 135° 37′ 16″E
43° 51′ 07″N 135° 30′ 58″E
(16(2303)98 St. Petersburg)

96080 6Ed. 7/15/95 LAST NM 46/01 25/04
Add Submarine cable [L30.1] joining
45° 02′ 48″N 136° 41′ 24″E
45° 01′ 24″N 136° 47′ 30″E
45° 04′ 30″N 137° 10′ 24″E

Submarine cable [L30.1] between
45° 02′ 12″N 136° 41′ 24″E
44° 51′ 24″N 136° 52′ 42″E
(37(3419)99 Taunton)

96080 6Ed. 7/15/95 LAST NM 25/04 32/05
Add Submarine cable [L30.1] joining
43° 20′ 00″N 135° 02′ 36″E
43° 26′ 30″N 135° 11′ 03″E
43° 27′ 18″N 135° 10′ 57″E
43° 27′ 54″N 135° 12′ 51″E
43° 30′ 48″N 135° 17′ 00″E
43° 35′ 00″N 135° 20′ 39″E
43° 42′ 54″N 135° 30′ 03″E
43° 46′ 48″N 135° 30′ 03″E
43° 48′ 28″N 135° 29′ 39″E
(52(8140)04 St. Petersburg)

96080 6Ed. 7/15/95 LAST NM 32/05 30/11
Change Visibility (range) of light to 6M 44° 43.8′ N 136° 20.2′ E
(27(3736)08 St. Petersburg)

★**96100** 2Ed. 2/3/79 NEW EDITION 13/79
(DMAHTC)

96100 2Ed. 2/3/79 LAST NM 13/79 52/83
Add R Bn at light 46° 32.5′ N 138° 20.5′ E
(USSR CH 702)

96100 2Ed. 2/3/79 LAST NM 52/83 38/84
Add Note
"BUOYAGE
IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No. 1." 46° 19.6′ N 137° 03.2′ E
(18(3521)84 Leningrad)

★**96100** 2Ed. 2/3/79 LAST NM 38/84 21/85
Delete Plan (Bukhta Tavayza) 46° 45′ N 136° 45′ E
(DMAHTC)

96100 2Ed. 2/3/79 LAST NM 21/85 2/86
Change Legends to
"AREA NO 87 SEE CAUTION" 45° 02.0′ N 136° 42.3′ E
"AREA NO 86 SEE CAUTION" 45° 22.7′ N 136° 42.3′ E

Add Caution note
"CAUTION
Areas No. 86 and 87 are prohibited to anchorage, bottom fishing, submarine and dredging work, bottom trawling, submarine explosions and sailing with slack anchor or chain." 46° 10.4′ N 136° 44.3′ E
(1(27 II-1, 5)85 Leningrad)

96100 2Ed. 2/3/79 LAST NM 2/86 10/86
Change Legend to
"AREA No 86 SEE CAUTION" 45° 22.7′ N 137° 13.2′ E
(See 2/86-96100)
(1(27 II-1, 5)85 Leningrad)

96100 2Ed. 2/3/79 LAST NM 10/86 47/86
Change Height of light to 92m 44° 46.5′ N 136° 26.5′ E
(USSR LL)

96100 2Ed. 2/3/79 LAST NM 47/86 16/87
Change Light to Iso 20s 99m 25M
NAUTO R Bn 45° 49′ 25″N 137° 41′ 31″E
(6(739)87 Leningrad; USSR LL)

96100 2Ed. 2/3/79 LAST NM 16/87 29/87
Delete SIREN-BELL from light 44° 46.5′ N 136° 26.5′ E
(USSR LL; 3229/87 Leningrad)

★**96100** 2Ed. 2/3/79 LAST NM 29/87 6/92
Substitute Depths
185 meters for 85 meters 44° 53.2′ N 136° 52.6′ E
251 meters for 151 meters 44° 48.3′ N 136° 53.1′ E
(MCC1162/92)

96100 2Ed. 2/3/79 LAST NM 6/92 46/01
Add Submarine cable [L30.1] joining
47° 00′ 00″N 138° 43′ 15″E
46° 54′ 19″N 138° 33′ 52″E
46° 43′ 31″N 138° 31′ 34″E
46° 40′ 31″N 138° 29′ 52″E
46° 24′ 37″N 138° 18′ 22″E
45° 55′ 37″N 137° 52′ 34″E
45° 42′ 19″N 137° 35′ 28″E
45° 34′ 43″N 137° 26′ 52″E
45° 31′ 19″N 137° 24′ 40″E
45° 18′ 25″N 137° 07′ 52″E
45° 07′ 07″N 136° 51′ 46″E
44° 52′ 37″N 136° 36′ 58″E
44° 45′ 00″N 136° 32′ 02″E
(16(2303)98 St. Petersburg)

96100 2Ed. 2/3/79 LAST NM 46/01 25/04
Add Submarine cable [L30.1] joining
45° 02′ 48″N 136° 41′ 24″E
45° 01′ 24″N 136° 47′ 30″E
45° 04′ 30″N 137° 10′ 24″E
45° 13′ 00″N 137° 24′ 00″E

Submarine cable [L30.1] between
45° 02′ 12″N 136° 41′ 24″E
44° 51′ 24″N 136° 52′ 42″E
(37(3419)99 Taunton)

★96120 6Ed. 8/19/95 NEW EDITION 38/95
(DMA)

96120 6Ed. 8/19/95 LAST NM 38/95 6/96
Delete DIA from light 47° 19.0′ N 138° 59.6′ E
48° 26.8′ N 140° 10.4′ E
(31(4570)95 St. Petersburg)

96120 6Ed. 8/19/95 LAST NM 6/96 50/96
Add Submarine cable between 48° 12.8′ N 140° 55.0′ E
47° 19.5′ N 139° 52.7′ E
(Rus CH 62009)

96120 6Ed. 8/19/95 LAST NM 50/96 51/96
Add Dashed line (recommended route) with legend
"ROUTE 15 (Southwestward)" between
48° 50.0′ N 140° 26.8′ E
48° 25.0′ N 140° 20.5′ E

"ROUTE 16 (Northeastward)" between
48° 50.0′ N 140° 28.1′ E
48° 24.5′ N 140° 22.0′ E
(GIMM061/96)

96120 6Ed. 8/19/95 LAST NM 51/96 46/01
Add Submarine cable [L30.1] joining
48° 50′ 00″N 140° 21′ 15″E
48° 46′ 49″N 140° 19′ 34″E
48° 28′ 49″N 140° 18′ 16″E
48° 14′ 49″N 140° 00′ 40″E
48° 07′ 13″N 139° 46′ 34″E
47° 56′ 49″N 139° 32′ 52″E
47° 37′ 25″N 139° 17′ 40″E
47° 21′ 25″N 139° 05′ 16″E
47° 09′ 01″N 138° 58′ 34″E
46° 54′ 19″N 138° 33′ 52″E
46° 43′ 31″N 138° 31′ 34″E
46° 40′ 31″N 138° 29′ 52″E
46° 30′ 00″N 138° 22′ 33″E
(16(2303)98 St. Petersburg)

96120 6Ed. 8/19/95 LAST NM 46/01 30/02
Add Stranded wreck [K24] 48° 35′ 35″N 140° 11′ 28″E
(13(1767)02 St. Petersburg)

96120 6Ed. 8/19/95 LAST NM 30/02 21/03
Add Wreck [K29] 47° 53′ 01″N 139° 35′ 04″E
(48(7563)02 St. Petersburg)

96120 6Ed. 8/19/95 LAST NM 21/03 45/04
Add Depth 62 meters Wk [K26] 48° 18′ 44″N 140° 15′ 04″E
(16(2390)04 St. Petersburg)

96120 6Ed. 8/19/95 LAST NM 45/04 21/11
Add Dashed line (recommended track) [M4] with legend "ROUTE 30 - 191°" between
48° 49.8′ N 140° 36.4′ E
46° 30.0′ N 139° 55.0′ E

Dashed line (recommended track) [M4] with legend "ROUTE 31 - 011°" between
46° 30.0′ N 139° 30.0′ E
48° 50.0′ N 140° 40.7′ E

"Precautionary Area No 40" bound by chart border and purple dashed line [M24] joining
48° 46.2′ N 140° 38.4′ E
48° 50.0′ N 140° 39.9′ E
48° 50.0′ N 140° 41.6′ E
48° 44.2′ N 140° 39.9′ E

Note: Area extends beyond chart border
(48(6843)08 St. Petersburg)

★96130 2Ed. 8/19/95 NEW EDITION 42/95
(DMA)

96130 2Ed. 8/19/95 LAST NM 42/95 6/96
Delete DIA from light 48° 27.1′ N 140° 10.5′ E
(31(4570)95 St. Petersburg)

96130 2Ed. 8/19/95 LAST NM 6/96 50/96
Delete Depth
27 meters 47° 28.0′ N 141° 53.0′ E
164 meters 48° 19.3′ N 140° 58.0′ E
195 meters 48° 18.6′ N 141° 10.2′ E
128 meters 48° 12.1′ N 141° 17.0′ E
146 meters 48° 06.9′ N 141° 02.2′ E
73 meters 48° 00.8′ N 141° 05.5′ E
73 meters 47° 59.0′ N 141° 02.0′ E
176 meters "Rep (1988)" 47° 20.5′ N 141° 37.7′ E
177 meters 47° 19.0′ N 141° 48.3′ E

"PROHIBITED AREA NO 200 CAUTION NO 1"
in vicinity 48° 19.0′ N 140° 08.0′ E

Add Submarine cable joining 48° 35.0′ N 141° 07.5′ E
48° 25.4′ N 141° 07.7′ E
47° 17.0′ N 139° 50.0′ E

"Spoil Ground Area 271" bound by dashed line joining 47° 29.1′ N 141° 52.0′ E
47° 29.1′ N 141° 53.5′ E
47° 26.9′ N 141° 53.5′ E
47° 26.9′ N 141° 52.0′ E

Stranded wreck 46° 58.1′ N 142° 00.3′ E
(Rus CH 62009)

96130 2Ed. 8/19/95 LAST NM 50/96 51/96
Add Dashed line (recommended route) with legend
"ROUTE 15 (Southwestward)" between
48° 35.0′ N 140° 23.0′ E
48° 25.0′ N 140° 20.5′ E

"ROUTE 16 (Northeastward)" between
48° 35.0′ N 140° 24.8′ E
48° 24.5′ N 140° 22.0′ E
(GIMM061/96)

96130 2Ed. 8/19/95 LAST NM 51/96 41/98
Add Platform (PA) 47° 00.3′ N 141° 57.6′ E
(12(1604)98 St. Petersburg)

96130 2Ed. 8/19/95 LAST NM 41/98 51/99
Add Dangerous wreck [K28] 46° 21′ 35″N 142° 19′ 46″E
(14(1958)98 St. Petersburg; Rus CH 63102)

96130 2Ed. 8/19/95 LAST NM 51/99 2/00
Add Stranded wreck [K24] 47° 09′ 53″N 142° 03′ 20″E
Stranded wreck [K24] 47° 08′ 42″N 142° 03′ 08″E
(19(2589)99 St. Petersburg)

96130 2Ed. 8/19/95 LAST NM 2/00 46/01
Add Submarine cable [L30.1] joining
48° 35′ 00″N 140° 18′ 45″E
48° 28′ 49″N 140° 18′ 16″E
48° 14′ 49″N 140° 00′ 40″E
48° 09′ 00″N 139° 50′ 00″E
(16(2303)98 St. Petersburg)

96130 2Ed. 8/19/95 LAST NM 46/01 9/02
Delete Legend "(PA)" 46° 16′ 54″N 141° 51′ 30″E

Add Danger circle "Obstn" [K40] 46° 11′ 06″N 140° 51′ 30″E
Height 38m to light 46° 17′ 15″N 141° 53′ 32″E
(Rus CH 62100; BA LL)

96130 2Ed. 8/19/95 LAST NM 9/02 45/04
Add Depth 62 meters Wk [K26] 48° 18′ 44″N 140° 15′ 04″E
(16(2390)04 St. Petersburg)

★**96140** 5Ed. 9/16/95 NEW EDITION 47/95
(DMA)

96140 5Ed. 9/16/95 LAST NM 47/95 4/96
Delete Purple dashed line joining 48° 54.3′ N 140° 22.1′ E
48° 54.4′ N 140° 24.0′ E
48° 57.5′ N 140° 24.0′ E

Add Purple dashed line between 48° 54.3′ N 140° 22.1′ E
48° 57.5′ N 140° 24.0′ E
(25(3576)95 St. Petersburg)

96140 5Ed. 9/16/95 LAST NM 4/96 6/96
Delete Fog signal from light
DIA 48° 26.8′ N 140° 10.4′ E
NAUTO 48° 46.9′ N 141° 50.9′ E
NAUTO 49° 17.8′ N 140° 25.3′ E
(31(4570)95 St. Petersburg)

96140 5Ed. 9/16/95 LAST NM 6/96 50/96
Delete Buoy 49° 05.0′ N 140° 24.1′ E
Buoy (mooring) 49° 05.2′ N 141° 02.6′ E

Add Stranded wreck 49° 00.7′ N 142° 00.6′ E
Light Fl 6s 9M 49° 05.6′ N 140° 20.2′ E
Buoy RW, pillar, ball topmark, L Fl 49° 03.2′ N 140° 24.4′ E

Submarine cable joining 49° 03.5′ N 140° 20.1′ E
49° 00.4′ N 141° 08.2′ E
48° 25.0′ N 141° 07.9′ E
(Rus CH 62009)

96140 5Ed. 9/16/95 LAST NM 50/96 51/96
Add Dashed line (recommended route) with legend
"ROUTE 15 (Southwestward)" between
49° 00.6′ N 140° 30.8′ E
48° 25.0′ N 140° 20.5′ E

"ROUTE 16 (Northeastward)" between
48° 59.2′ N 140° 29.0′ E
48° 25.0′ N 140° 22.2′ E
(GIMM061/96)

96140 5Ed. 9/16/95 LAST NM 51/96 9/99
Add Light Fl 3s 8M (PA) 49° 01.5′ N 140° 20.8′ E
(27(2373)98 Taunton)

96140 5Ed. 9/16/95 LAST NM 9/99 46/01
Add Submarine cable [L30.1] joining
49° 01′ 40″N 140° 22′ 04″E
48° 59′ 38″N 140° 22′ 58″E
48° 58′ 38″N 140° 24′ 17″E
48° 53′ 56″N 140° 23′ 07″E
48° 46′ 49″N 140° 19′ 34″E
48° 28′ 49″N 140° 18′ 16″E
48° 25′ 00″N 140° 10′ 33″E
(16(2303)98 St. Petersburg)

96140 5Ed. 9/16/95 LAST NM 46/01 49/01
Change Light to Oc 3s 10M 49° 01′ 30″N 140° 20′ 48″E
(3(183)99 St. Petersburg)

96140 5Ed. 9/16/95 LAST NM 49/01 30/02
Add Stranded wreck [K24] 48° 35′ 35″N 140° 11′ 28″E
(13(1767)02 St. Petersburg)

96140 5Ed. 9/16/95 LAST NM 30/02 16/11
Add Depth 60 meters Wk [K26] 49° 11.9′ N 140° 38.1′ E
(10(1172)10 St. Petersburg)

96140 5Ed. 9/16/95 LAST NM 16/11 19/11
Add Dashed line (recommended track) [M4] with legend "ROUTE 28 - 011°" between
48° 25.0′ N 140° 46.6′ E
49° 45.4′ N 141° 10.8′ E

Dashed line (recommended track) [M4] with legend "ROUTE 28 - 357°" between
49° 45.4′ N 141° 10.8′ E
50° 30.0′ N 141° 07.4′ E

Dashed line (recommended track) [M4] with legend "ROUTE 29 - 177°" between
50° 30.0′ N 141° 02.8′ E
49° 45.9′ N 141° 06.4′ E

Dashed line (recommended track) [M4] with legend "ROUTE 29 - 191°" between
49° 45.9′ N 141° 06.4′ E
48° 25.0′ N 140° 42.0′ E

"Precautionary Area No 23" bound by purple dashed line [M24] joining 49° 02.5′ N 140° 52.1′ E
49° 06.2′ N 140° 53.5′ E
49° 06.5′ N 141° 00.1′ E
49° 02.6′ N 140° 59.1′ E

"Precautionary Area No 23A" bound by purple dashed line [M24] joining 48° 37.6′ N 140° 44.5′ E
48° 43.7′ N 140° 46.6′ E
48° 38.0′ N 140° 51.1′ E
48° 31.4′ N 140° 49.2′ E
(37(5277)06 St. Petersburg; UKHO ARCS 3340-0)

96140 5Ed. 9/16/95 LAST NM 19/11 21/11
Change Legend "ROUTE 17 (Southeastward)" to "153° 42′" 48° 50.8′ N 140° 36.0′ E
Legend "ROUTE 18 (Northwestward)" to "328° 30′" 48° 54.5′ N 140° 37.0′ E

Add Dashed line (recommended track) [M4] with legend "ROUTE 30 - 191°" between
48° 49.8′ N 140° 36.4′ E
48° 25.0′ N 140° 29.0′ E

Dashed line (recommended track) [M4] with legend "ROUTE 31 - 011°" between
48° 25.0′ N 140° 33.0′ E
48° 50.0′ N 140° 40.7′ E

"Precautionary Area No 40" [M24] bound by purple dashed line joining 48° 46.2′ N 140° 38.4′ E
48° 51.5′ N 140° 39.9′ E
48° 50.1′ N 140° 41.6′ E
48° 44.2′ N 140° 39.9′ E
(48(6843)08 St. Petersburg)

★**96141** 4Ed. 8/11/90 NEW EDITION 41/90
(DMAHTC)

96141 4Ed. 8/11/90 LAST NM 41/90 34/93
Add Dashed line (recommended route) with legend
"ROUTE 13 (Eastward)" joining 49° 03.7′ N 141° 26.0′ E
49° 03.9′ N 141° 35.2′ E
49° 06.0′ N 141° 42.0′ E

"ROUTE 14 (Westward)" between
49° 07.0′ N 141° 42.0′ E
49° 06.5′ N 141° 26.0′ E
(4(430)93 St. Petersburg)

96141 4Ed. 8/11/90 LAST NM 34/93 12/94
Change Legend to "Lts in line 119° 54′" 49° 12.8′ N 141° 55.4′ E
(53(8288)93 St. Petersburg)

96141 4Ed. 8/11/90 LAST NM 12/94 30/95
Delete Stranded wreck 49° 04.9′ N 142° 01.9′ E

Add Dangerous wreck 49° 09′ 50″N 142° 02′ 19″E

Dangerous submerged rock 49° 10′ 49″N 142° 02′ 06″E

Obscured sector to light
213°-000 49° 11′ 27″N 142° 04′ 04″E
206°-052° 49° 09′ 10″N 142° 02′ 33″E
(Rus CH 1704)

96141 4Ed. 8/11/90 LAST NM 30/95 6/96
Delete NAUTO and fog signal symbol from light 48° 46.9′ N 141° 51.0′ E
(31(4570)95 St. Petersburg)

96141 4Ed. 8/11/90 LAST NM 6/96 50/96
Add Stranded wreck (PA) 49° 00′ 42″N 142° 00′ 36″E
(Rus CH 62009)

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96141 4Ed. 8/11/90 LAST NM 50/96 19/97
Delete Light (Fl R) 49° 09.7′ N 142° 03.2′ E
(51(7620)96 St. Petersburg)

96141 4Ed. 8/11/90 LAST NM 19/97 9/99
Add Buoy (mooring) 49° 11′ 07″N 142° 03′ 37″E
(27(2374)98 Taunton)

96141 4Ed. 8/11/90 LAST NM 9/99 25/01
Add Stranded wreck [K24] 49° 09′ 14″N 142° 01′ 05″E
(53(8924)00 St. Petersburg)

96141 4Ed. 8/11/90 LAST NM 25/01 32/01
Delete Stranded wreck 49° 09′ 14″N 142° 01′ 05″E
(Supersedes 25/01-96141)

Add Stranded wreck [K24] 49° 09′ 01″N 142° 01′ 46″E
(16(2288)01 St. Petersburg)

96141 4Ed. 8/11/90 LAST NM 32/01 9/02
Delete Stranded wreck 49° 08′ 57″N 142° 01′ 36″E
(46(7135)01 St. Petersburg)

96141 4Ed. 8/11/90 LAST NM 9/02 16/11
Add Submarine cable [L30.1] joining
49° 04′ 04″N 142° 01′ 28″E
49° 04′ 13″N 141° 54′ 27″E
49° 04′ 13″N 141° 43′ 04″E
49° 04′ 32″N 141° 30′ 22″E
49° 04′ 19″N 141° 26′ 00″E
(8(916)06 St. Petersburg)

96141 4Ed. 8/11/90 LAST NM 16/11 17/11
Change Characteristic of light to Fl(2) R 5s
49° 04′ 37″N 142° 01′ 51″E
Characteristic of light to Fl(2) G 5s
49° 04′ 36″N 142° 01′ 56″E
Characteristic of light to Fl(2) G 5s
49° 05′ 55″N 142° 01′ 57″E
(49(7188)06 St. Petersburg)

★**96181** 5Ed. 7/4/98 NEW EDITION 43/98
(Plan A)
Delete Purple random marks (4) in vicinity
50° 55′ 27″N 142° 08′ 05″E

(Plan E)
Add Obscured sector 186°-355° and
RC to light 47° 01′ 52.8″N 142° 02′ 04.5″E
(NIMA; BA RA; Rus CH 1704)

96181 5Ed. 7/4/98 LAST NM 43/98 9/99
(Plan A)
Add Double solid line with land tint (jetty)
between 50° 54′ 27″N 142° 08′ 35″E
50° 54′ 16″N 142° 08′ 45″E

(Plan B)
Delete Depth 6.4 meters 49° 09′ 42″N 142° 01′ 32″E

Substitute Depth 1.7 meters for 2.6 meters
49° 09′ 45″N 142° 03′ 15″E

Add Depth
5 meters 49° 09′ 46″N 142° 01′ 32″E
1.7 meters 49° 11′ 22″N 142° 03′ 22″E

Buoy (mooring) 49° 11′ 07″N 142° 03′ 37″E
(27(2374)98 Taunton)

96181 5Ed. 7/4/98 LAST NM 9/99 2/00
(Plan A)
Add Stranded wreck [K24] 50° 53′ 51.0″N 142° 07′ 44.0″E
(19(2588)99 St. Petersburg)

96181 5Ed. 7/4/98 LAST NM 2/00 14/01
(Plan E)
Add Buoy G, pillar, Fl G 3s 47° 03′ 00.8″N 142° 02′ 38.5″E
(46(7700)00 St. Petersburg)

96181 5Ed. 7/4/98 LAST NM 14/01 25/01
(Plan B)
Add Stranded wreck [K24] 49° 09′ 13.6″N 142° 01′ 05.2″E
(53(8924)00 St. Petersburg)

96181 5Ed. 7/4/98 LAST NM 25/01 32/01
(Plan B)
Delete Stranded wreck 49° 09′ 13.6″N 142° 01′ 05.2″E
(Supersedes 25/01-96181)

Add Stranded wreck [K24] 49° 09′ 00.6″N 142° 01′ 46.2″E
(16(2288)01 St. Petersburg)

96181 5Ed. 7/4/98 LAST NM 32/01 9/02
(Plan B)
Delete Stranded wreck 49° 09′ 00.6″N 142° 01′ 46.2″E
(See 32/01-96181)
(46(7135)01 St. Petersburg)

96181 5Ed. 7/4/98 LAST NM 9/02 25/04
(Plan A)
Add Stranded wreck [K24] 50° 54′ 21.6″N 142° 08′ 36.0″E
(51(8515)03 St. Petersburg)

96181 5Ed. 7/4/98 LAST NM 25/04 46/04
(Plan B)
Add Solid line (jetty) [F14] between
49° 09′ 43.6″N 142° 03′ 19.7″E
49° 09′ 45.9″N 142° 03′ 16.2″E
(17(2572)04 St. Petersburg)

96181 5Ed. 7/4/98 LAST NM 46/04 26/06
(Plan D)
Substitute Depth 1.1 meters for 1.8 meters
46° 39′ 50.9″N 141° 50′ 59.5″E

Change Legend to "Leading Lts 078° 54′ "
46° 39′ 58.0″N 141° 50′ 30.0″E

Add Depth 4.6 meters 46° 39′ 57.6″N 141° 50′ 53.4″E
Depth 2.8 meters 46° 40′ 05.2″N 141° 50′ 50.2″E
Depth 4.8 meters 46° 40′ 14.8″N 141° 51′ 08.5″E
Stranded wreck [K24] 46° 39′ 54.0″N 141° 50′ 56.5″E

Legend "destr" between 46° 40′ 09.8″N 141° 50′ 56.2″E
46° 40′ 03.9″N 141° 50′ 51.9″E
(11(1461)06 St. Petersburg)

96181 5Ed. 7/4/98 LAST NM 26/06 39/09
(Plan E)
Delete Buoy 47° 02′ 00.8″N 142° 02′ 38.5″E
(19(2362)09 St. Petersburg)

96181 5Ed. 7/4/98 LAST NM 39/09 30/10
(Plan B)
Add Anchor berth "1" [N11.1] 49° 10′ 48.6″N 142° 01′ 22.2″E
Anchor berth "2" [N11.1] 49° 10′ 37.6″N 142° 02′ 34.2″E
Anchor berth "3" [N11.1] 49° 10′ 20.6″N 142° 02′ 34.2″E
Anchor berth "4" [N11.1] 49° 10′ 08.6″N 142° 02′ 55.2″E
Anchor berth "5" [N11.1] 49° 10′ 00.6″N 142° 02′ 04.2″E
(39(5965)04 St. Petersburg)

96181 5Ed. 7/4/98 LAST NM 30/10 36/10
(Plan A)
Add Dashed line and legend "Port Limit" [N1]
joining 50° 53′ 41.7″N 142° 07′ 34.6″E
50° 53′ 56.7″N 142° 07′ 04.7″E
50° 54′ 37.8″N 142° 06′ 29.2″E
50° 54′ 54.8″N 142° 07′ 16.4″E
50° 53′ 55.0″N 142° 08′ 07.3″E

Buoy (mooring) [Q40] 50° 55′ 11.5″N 142° 08′ 28.1″E
(UKHO CH 2161.2)

96181 5Ed. 7/4/98 LAST NM 36/10 16/11
(Plan C)
Add Submarine cable [L30.1] between
49° 04′ 03.7″N 142° 01′ 27.6″E
49° 04′ 12.5″N 141° 59′ 00.0″E
(8(916)06 St. Petersburg)

96181 5Ed. 7/4/98 LAST NM 16/11 17/11
(Plan A)
Change Characteristic of light to Fl(2) G 5s
50° 53′ 51.0″N 142° 07′ 48.0″E

Add Light Fl(2) R 5s 2M 50° 53′ 50.5″N 142° 07′ 45.6″E

(continued on next page)

96181 (Continued) 17/11
(Plan C)
Change Characteristic of light to Fl(2) R 5s
49° 04′ 40.0″N 142° 01′ 49.0″E
Characteristic of light to Fl(2) G 5s
49° 04′ 39.0″N 142° 01′ 52.0″E
Characteristic of light to Fl(2) G 5s
49° 05′ 55.0″N 142° 01′ 54.0″E
(49(7188, 7189)06 St. Petersburg)

★96183 1Ed. 7/21/90 NEW CHART 44/90
(DMAHTC)

96183 1Ed. 7/21/90 LAST NM 44/90 39/91
Delete Range line and legend
"Lights in line 109° 54′ " between
47° 03′ 33″N 142° 03′ 18″E
47° 04′ 33″N 141° 59′ 16″E

Substitute Depth 109 meters for 09 meters
47° 11′ 42″N 141° 55′ 09″E

Add Range line extending in 288° 06′
direction from rear light 47° 03′ 34″N 142° 03′ 18″E
dashed for 100 meters, thence
solid for 450 meters

Legend "Lights in line 108° 06′ "
along above range line 47° 04′ 22″N 142° 00′ 00″E
(MCNM8073/88)

96183 1Ed. 7/21/90 LAST NM 39/91 50/92
Delete Dashed-line lesser arc of a circle
and legend "HARBOR LIMIT" between
47° 02.5′ N 142° 02.0′ E
47° 03.8′ N 142° 02.8′ E
(26(4059)92 St. Petersburg)

96183 1Ed. 7/21/90 LAST NM 50/92 7/93
Delete WHIS from buoy 47° 03.6′ N 142° 01.5′ E
(39(6305)92 St. Petersburg)

96183 1Ed. 7/21/90 LAST NM 7/93 34/93
Add Dashed line (recommended route) with
legend
"ROUTE 17 (Southeastward)" joining
47° 14.0′ N 141° 49.0′ E
47° 10.0′ N 141° 52.0′ E
47° 07.3′ N 141° 56.7′ E

"ROUTE 18 (Northwestward)" between
47° 07.3′ N 141° 58.6′ E
47° 14.0′ N 141° 53.5′ E
(4(430)93 St. Petersburg)

96183 1Ed. 7/21/90 LAST NM 34/93 30/95
Add Obscured sector 186° -355°
to light 47° 01′ 54″N 142° 01′ 54″E
(Rus CH 1704)

96183 1Ed. 7/21/90 LAST NM 30/95 6/96
Delete Buoy 47° 03.6′ N 142° 01.5′ E
(33(4882)95 St. Petersburg)

96183 1Ed. 7/21/90 LAST NM 6/96 50/96
Add Stranded wreck (PA) 46° 58′ 12″N 142° 00′ 18″E
(Rus CH 62009)

96183 1Ed. 7/21/90 LAST NM 50/96 41/98
Add Platform (PA) 47° 00.3′ N 141° 57.6′ E
(12(1604)98 St. Petersburg)

96183 1Ed. 7/21/90 LAST NM 41/98 2/00
Add Stranded wreck [K24] 47° 09′ 53″N 142° 03′ 20″E
Stranded wreck [K24] 47° 08′ 42″N 142° 03′ 08″E
(19(2589)99 St. Petersburg)

★96200 5Ed. 12/21/96 NEW EDITION 9/97
Substitute Depth 215 meters for 275 meters 46° 34.2′ N 141° 22.2′ E

Change Light to Fl 6s 48m 9M 46° 22.4′ N 143° 36.8′ E
Legend "2 kn"to "1 3/4 kn" 45° 19.8′ N 142° 24.0′ E

Add Depth 36 meters 45° 52′ 46″N 142° 05′ 02″E
(NIMA; 34(2857)96 Taunton; Jpn CH 33)

96200 5Ed. 12/21/96 LAST NM 9/97 10/97
Add Solid line (breakwater extension)
between 45° 24′ 44″N 141° 42′ 15″E
45° 24′ 44″N 141° 42′ 38″E

Light Fl R 11M 45° 24′ 44″N 141° 42′ 38″E
(3(86)97 Tokyo)

96200 5Ed. 12/21/96 LAST NM 10/97 13/97
Change Light to Iso R 12M, Fl R 3M 45° 31.3′ N 141° 56.7′ E
(6(235)97 Tokyo)

96200 5Ed. 12/21/96 LAST NM 13/97 24/97
Add Dashed line (anchorage limit)
joining 46° 35.4′ N 142° 40.0′ E
46° 36.8′ N 142° 40.0′ E
46° 36.8′ N 142° 41.0′ E
46° 35.4′ N 142° 41.3′ E

Anchorage symbol (large vessels) 46° 36.2′ N 142° 40.5′ E
(24(3467)96 St. Petersburg)

96200 5Ed. 12/21/96 LAST NM 24/97 27/97
Add Wreck 45° 53′ 12″N 141° 32′ 45″E
46° 25′ 54″N 143° 01′ 45″E

Danger circle "Obstn" 46° 32′ 24″N 142° 40′ 15″E
(15(669)97 Tokyo)

96200 5Ed. 12/21/96 LAST NM 27/97 30/97
Change Light to Iso R 6s 12M 45° 27.4′ N 140° 58.7′ E
(17(734)97 Tokyo)

96200 5Ed. 12/21/96 LAST NM 30/97 32/97
Add Light
Iso G 7M HORN 46° 37.2′ N 142° 45.5′ E
FG 5M 46° 37.7′ N 142° 46.1′ E
(BA CH 2161; BA LL)

96200 5Ed. 12/21/96 LAST NM 32/97 38/97
Substitute Disused submarine cables (4) for
submarine cables between 46° 37.8′ N 142° 53.5′ E
45° 16.7′ N 142° 13.8′ E

Disused submarine cable for
submarine cable
between 45° 55.9′ N 142° 05.0′ E
45° 16.7′ N 142° 13.8′ E

between 46° 16.8′ N 141° 14.8′ E
45° 20.7′ N 141° 39.1′ E
(21(969)97 Tokyo)

96200 5Ed. 12/21/96 LAST NM 38/97 47/97
Add Buoy BRB, pillar, double ball topmark,
Fl(2) 5s 46° 32′ 54″N 142° 40′ 15″E
(Rus CH 61018)

96200 5Ed. 12/21/96 LAST NM 47/97 9/98
Change Visibility (range) of beacon to 12M 45° 25.7′ N 141° 44.8′ E
(41(1792)97 Tokyo)

96200 5Ed. 12/21/96 LAST NM 9/98 46/98
Substitute Dangerous wreck for stranded wreck
46° 37.4′ N 142° 42.8′ E

Add Racon at light 46° 01.5′ N 143° 24.6′ E
(11(1451)98 St. Petersburg)

96200 5Ed. 12/21/96 LAST NM 46/98 2/99
Delete HORN from light 46° 37.2′ N 142° 45.5′ E
(BA LL)

96200 5Ed. 12/21/96 LAST NM 2/99 9/99
Add Light Fl(2) R 6M, Fl R 9M 45° 11′ 26″N 141° 07′ 58″E
(49(2115)97 Tokyo)

96200 5Ed. 12/21/96 LAST NM 9/99 11/99
Delete Depth 17.4 meters 45° 14′ 45″N 141° 05′ 05″E
(Jpn CH 1040)

96200 5Ed. 12/21/96 LAST NM 11/99 43/99
Delete HORN and Sig Sta from light 45° 26′ 54″N 141° 38′ 42″E
(16(676)98 Tokyo)

96200 5Ed. 12/21/96 LAST NM 43/99 51/99
Add Dangerous wreck [K28] 46° 21′ 35″N 142° 19′ 46″E
(14(1958)98 St. Petersburg; Rus CH 63102)

96200 5Ed. 12/21/96 LAST NM 51/99 52/99
Add Light L Fl 5s 9M 46° 26′ 35″N 142° 20′ 30″E
Light L Fl 5s 17M 46° 21′ 11″N 143° 21′ 53″E
Light L Fl 6s 9M 46° 39′ 18″N 142° 45′ 12″E

Submarine cable [L30.1] joining
46° 36′ 30″N 142° 46′ 03″E
46° 36′ 20″N 142° 45′ 15″E
46° 35′ 15″N 142° 45′ 00″E
46° 34′ 36″N 142° 45′ 45″E
46° 29′ 36″N 142° 50′ 15″E
46° 28′ 54″N 142° 51′ 36″E
46° 15′ 00″N 142° 47′ 03″E
(Rus CH 63102)

96200 5Ed. 12/21/96 LAST NM 52/99 6/00
Change Light to Fl R 9M 45° 18′ 08″N 141° 03′ 00″E

Add Light Fl(2) R 6M 45° 17′ 50″N 141° 03′ 05″E
(44(1771)99 Tokyo)

96200 5Ed. 12/21/96 LAST NM 6/00 36/01
Change Light to Fl 6s 60m 9M Ra Ref 46° 22′ 18″N 143° 36′ 52″E
(15(2095)01 St. Petersburg; BA LL)

96200 5Ed. 12/21/96 LAST NM 36/01 8/02
Add Light Fl R 5s 4M 46° 17′ 48″N 143° 23′ 12″E

Depth 10 meters, blue tint and enclosing
depth contour (10-meter) centered
46° 19′ 36″N 142° 18′ 48″E
(Rus CH 63102; BA LL)

96200 5Ed. 12/21/96 LAST NM 8/02 9/02
Delete Legend "PA" 46° 17′ 03″N 141° 52′ 30″E

Relocate Light from 46° 17′ 00″N 141° 54′ 00″E to
46° 17′ 24″N 141° 53′ 32″E

Add Light L Fl 6s 49m 8M 46° 01′ 45″N 142° 10′ 30″E
Danger circle "Obstn" [K40] 46° 11′ 06″N 140° 51′ 30″E
Height 38m to light 46° 17′ 24″N 141° 53′ 32″E
Depth 23 meters 45° 46′ 15″N 142° 17′ 45″E

Depth 106 meters enclosed by depth contour
(200-meter) 45° 49′ 30″N 143° 44′ 45″E
(Rus CH 62100; BA LL)

96200 5Ed. 12/21/96 LAST NM 9/02 34/04
Add Depth 104 meters 45° 47′ 12″N 141° 20′ 54″E
(16(433)04 Tokyo)

96200 5Ed. 12/21/96 LAST NM 34/04 36/04
Change Visibility (range) of beacon to 8M
45° 25′ 38″N 141° 44′ 57″E
(38(1545)99 Tokyo; Jpn LL)

96200 5Ed. 12/21/96 LAST NM 36/04 8/05
Add Fish haven symbol [K46.1] 45° 12′ 18″N 141° 07′ 00″E
(1(2)05 Tokyo)

96200 5Ed. 12/21/96 LAST NM 8/05 32/05
Add Buoy "Spoil Ground" Y, pillar, "X" topmark,
Fl Y 5s 46° 24′ 00″N 142° 55′ 04″E
(16(2388)04, 5(469)05 St. Petersburg)

96200 5Ed. 12/21/96 LAST NM 32/05 37/05
Delete Danger circle "Obstn" 46° 32′ 24″N 142° 40′ 15″E
Buoy 46° 32′ 54″N 142° 40′ 15″E
(17(2276)05 St. Petersburg)

96200 5Ed. 12/21/96 LAST NM 37/05 21/06
Change Light to Fl(2) R 5M 45° 14′ 36″N 141° 13′ 54″E
(46(1365)05 Tokyo)

96200 5Ed. 12/21/96 LAST NM 21/06 31/07
Change Light to Fl G 3s 11m 3M 45° 20′ 20″N 141° 03′ 04″E
(23(728)07 Tokyo)

96200 5Ed. 12/21/96 LAST NM 31/07 17/08
Delete Light 45° 30′ 47″N 141° 53′ 30″E
Light 45° 27′ 23″N 140° 58′ 40″E

Change Light to Fl R 5s 12m 3M 45° 23′ 21″N 141° 03′ 24″E

Add Light Oc R 4s 13m 8M 45° 30′ 47″N 141° 53′ 48″E
(49(1624, 1625)07, 4(113)08 Tokyo; Jpn LL)

96200 5Ed. 12/21/96 LAST NM 17/08 17/09
Add "ANCH AREA NO 170A" [N12.2] bound by
dashed line joining 46° 32.6′ N 142° 57.3′ E
46° 34.0′ N 142° 57.3′ E
46° 34.0′ N 143° 00.1′ E
46° 32.6′ N 143° 00.1′ E
(3(187)09 St. Petersburg)

96200 5Ed. 12/21/96 LAST NM 17/09 24/09
Substitute Disused submarine cable [L32] for
submarine cable between 45° 18.0′ N 141° 02.7′ E
45° 14.8′ N 141° 13.8′ E
(17(696), 19(790)09 Tokyo)

96200 5Ed. 12/21/96 LAST NM 24/09 44/09
Change Visibility (range) of light to 5M 45° 25.0′ N 141° 41.7′ E
(40(1704)09 Tokyo)

96200 5Ed. 12/21/96 LAST NM 44/09 45/09
Change Visibility (range) of light (Iso R) to 5M
45° 31.3′ N 141° 56.7′ E
(35(1503)09 Tokyo)

96200 5Ed. 12/21/96 LAST NM 45/09 48/09
Delete Dashed line and legend "(No 23...track"
between 46° 00.4′ N 142° 29.9′ E
46° 24.8′ N 142° 39.6′ E

Add Dashed line (recommended track) [M4] with
legend "(No 23) 031° -211° " between
45° 52.6′ N 142° 11.9′ E
46° 24.7′ N 142° 39.6′ E
(22(2810)09 St. Petersburg)

96200 5Ed. 12/21/96 LAST NM 48/09 7/10
Add Dashed line (recommended track) [M4] and
legend "(No 24A) 026° 24′ -206° 24′ " between
45° 51.9′ N 142° 27.5′ E
46° 24.5′ N 142° 51.1′ E

Dashed line (recommended track) [M4] and
legend "(No 24B) 336° 36′ -156° 36′ " between
46° 25.1′ N 142° 58.2′ E
45° 57.0′ N 143° 15.9′ E

"Area No 24A" bound by dashed-line circle,
radius 1.5 miles, centered 46° 24.5′ N 142° 51.1′ E
(23(2930), 37(4982)09 St. Petersburg)

96200 5Ed. 12/21/96 LAST NM 7/10 17/11
Delete "ANCH AREA NO 170A" in vicinity
46° 33.3′ N 142° 58.5′ E

Add Dashed line (VTS Operation Zone) [N1.1]
joining 46° 37.5′ N 142° 26.1′ E
46° 25.0′ N 142° 30.1′ E
46° 25.0′ N 143° 04.1′ E
46° 35.7′ N 143° 04.1′ E

"TANKER ANCH NO 170A" area [N12.5]
bound by purple dashed line joining
46° 31.5′ N 142° 55.7′ E
46° 32.5′ N 142° 55.7′ E
46° 32.5′ N 142° 58.6′ E
46° 31.5′ N 142° 58.6′ E

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96200 (Continued) 17/11
"ANCH AREA NO 170" [N12.2] bound by
dashed line joining 46° 32.5′ N 142° 50.6′ E
46° 34.5′ N 142° 50.6′ E
46° 34.5′ N 142° 52.1′ E
46° 32.5′ N 142° 52.1′ E
(48(6269)10 St. Petersburg)

96200 5Ed. 12/21/96 LAST NM 17/11 17/12
Change Light to Fl R 3s 13m 3M 45° 30.8′ N 141° 53.8′ E
Visibility (range) of light to 4M 45° 29.1′ N 141° 52.6′ E
(Jpn LL)

★**96240** 4Ed. 10/7/95 NEW EDITION 47/95
(DMA)

96240 4Ed. 10/7/95 LAST NM 47/95 3/96
Delete Depth 9.1 meters Rk (PA) 48° 31.5′ N 145° 10.8′ E
(SMEA005/96)

96240 4Ed. 10/7/95 LAST NM 3/96 7/96
Add Purple composite line joining 49° 30.0′ N 144° 27.5′ E
48° 55.0′ N 144° 42.0′ E
48° 42.0′ N 145° 09.0′ E
48° 42.0′ N 145° 27.0′ E
49° 00.0′ N 145° 27.0′ E
49° 30.0′ N 145° 07.5′ E

Legend
"DANGER AREA NO 20" 49° 10.0′ N 145° 00.0′ E

"DANGER AREA NO 42" bound by
purple composite line joining 47° 24.0′ N 143° 29.0′ E
47° 54.0′ N 143° 03.0′ E
48° 00.0′ N 144° 24.0′ E
47° 39.0′ N 144° 21.0′ E
(40(5844)95 St. Petersburg)

96240 4Ed. 10/7/95 LAST NM 7/96 41/96
Add Light Fl 6s 48m 9M 46° 22.5′ N 143° 36.8′ E
(34(2857)96 Taunton; Jpn CH 33)

96240 4Ed. 10/7/95 LAST NM 41/96 2/97
Delete "DANGER AREA NO 42" in vicinity 47° 45′ N 143° 50′ E
(See 7/96-96240)

Substitute Purple dashed line for purple
composite line joining 49° 30.0′ N 144° 27.5′ E
48° 55.0′ N 144° 42.0′ E
48° 42.0′ N 145° 09.0′ E
48° 42.0′ N 145° 27.0′ E
49° 00.0′ N 145° 27.0′ E
49° 30.0′ N 145° 07.5′ E

Change Legend to "AREA NO 20 CAUTION NO 5"
49° 10.0′ N 145° 00.0′ E

Add "AREA NO 42 CAUTION NO 5" bound by
purple dashed line joining 47° 24.0′ N 143° 29.0′ E
47° 54.0′ N 143° 03.0′ E
48° 00.0′ N 144° 24.0′ E
47° 39.0′ N 144° 21.0′ E

Caution No 5 to CAUTIONS note
"5. Mariners are warned to exercise
caution within the area indicated.
The detail of these areas has not
been derived from adequate
hydrographic surveys and uncharted
dangers may exist." 46° 59.0′ N 142° 40.0′ E
(GIMM059/96)

96240 4Ed. 10/7/95 LAST NM 2/97 47/97
Substitute Purple composite line for purple
dashed line joining 46° 23.0′ N 143° 37.0′ E
46° 22.0′ N 143° 51.5′ E
46° 36.8′ N 143° 47.4′ E
46° 25.2′ N 143° 34.0′ E
(Rus CH 61018)

96240 4Ed. 10/7/95 LAST NM 47/97 8/99
Delete SIREN from light 46° 50.8′ N 143° 25.8′ E
(25(3728)98 St. Petersburg)

96240 4Ed. 10/7/95 LAST NM 8/99 36/01
Change Light to Fl 6s 60m 9M Ra Ref 46° 22.3′ N 143° 36.9′ E
(15(2095)01 St. Petersburg; BA LL)

96240 4Ed. 10/7/95 LAST NM 36/01 51/01
Delete Light 49° 09.9′ N 143° 01.5′ E
(4(343)99 St. Petersburg)

96240 4Ed. 10/7/95 LAST NM 51/01 8/02
Relocate R Bn from 46° 49.3′ N 143° 12.5′ E to
46° 49.4′ N 143° 13.1′ E

Add Light Iso 6s 12M 46° 49.4′ N 143° 13.1′ E
(Rus CH 63102; BA LL)

96240 4Ed. 10/7/95 LAST NM 8/02 11/02
Delete Dotted line area, blue tint and legend
"Rep (1937) Obstn" in vicinity 48° 47.6′ N 144° 34.2′ E

Position circle "TR" 48° 42.5′ N 144° 39.5′ E
Position circle "MAST" 48° 42.1′ N 144° 40.0′ E
Position circle "2 CHYS" 48° 58.7′ N 142° 58.0′ E
Position circle "TR" 48° 41.7′ N 142° 49.4′ E

Add Position circle "Pipe" [L23] 48° 15.0′ N 143° 04.4′ E
Buoy Y, pillar 48° 15.2′ N 143° 04.4′ E
(Rus CH 62173)

★**96300** 4Ed. 9/30/95 NEW EDITION 46/95
Change Legend "AREA 215 SEE CAUTION" to
"PROHIBITED AREA NO 215" 48° 32.0′ N 144° 28.5′ E

Add Purple composite-line greater arc
of a circle, radius 12.5 miles,
centered 48° 30.3′ N 144° 37.6′ E
arc between 48° 41.5′ N 144° 29.4′ E
48° 18.0′ N 144° 38.0′ E
(DMA; 1/95 St. Petersburg)

96300 4Ed. 9/30/95 LAST NM 46/95 3/96
Delete Depth 9.1 meters Rk (PA) 48° 31.3′ N 145° 11.1′ E
(SMEA005/96)

96300 4Ed. 9/30/95 LAST NM 3/96 7/96
Add Purple composite line joining 50° 05.0′ N 144° 13.6′ E
48° 55.0′ N 144° 42.0′ E
48° 42.0′ N 145° 09.0′ E
48° 42.0′ N 145° 27.0′ E
49° 00.0′ N 145° 27.0′ E
50° 05.0′ N 144° 44.5′ E

Legend
"DANGER AREA NO 20" 49° 30.0′ N 144° 47.0′ E
(40(5844)95 St. Petersburg)

96300 4Ed. 9/30/95 LAST NM 7/96 2/97
Substitute Purple dashed line for purple
composite line joining 50° 05.0′ N 144° 13.6′ E
48° 55.0′ N 144° 42.0′ E
48° 42.0′ N 145° 09.0′ E
48° 42.0′ N 145° 27.0′ E
49° 00.0′ N 145° 27.0′ E
50° 05.0′ N 144° 44.5′ E
(See 7/96-96300)

Change Legend to "AREA NO 20 CAUTION NO 2"
49° 30.0′ N 144° 47.0′ E

CAUTION note to
"CAUTIONS
1. This area should be avoided by ships
of more than 1000 tons gross tonnage
carrying oil or hazardous cargoes,
because of conservation of unique
wildlife in the area, and of
inadequate survey.
2. Mariners are warned to exercise
caution within the area indicated.
The detail of these areas has not
been derived from adequate
hydrographic surveys, and uncharted
dangers may exist." 49° 28.0′ N 144° 02.0′ E
(GIMM059/96)

96

96300 4Ed. 9/30/95 LAST NM 2/97 11/02
Delete Danger circle "Obstn Rep (1937)" 48° 47.5′ N 144° 34.0′ E

Add Tide rips symbol [H44] 48° 37.1′ N 144° 37.7′ E
Tide rips symbol [H44] 48° 38.0′ N 144° 39.5′ E
(Rus CH 62173)

96300 4Ed. 9/30/95 LAST NM 11/02 12/02
Add Light Fl 8s 14M 50° 00.9′ N 143° 59.8′ E

"ANCHORING AND FISHING PROHIBITED" area bound by shore and purple composite line joining 50° 05.0′ N 144° 03.8′ E
49° 59.0′ N 144° 03.8′ E
49° 59.0′ N 143° 59.4′ E
Note: Area extends beyond chart border
(Rus CH 62174)

★**96320** 4Ed. 11/18/95 NEW EDITION 10/96
Add Purple composite-line greater arc of a circle, radius 5 miles,
centered 52° 31.0′ N 143° 40.0′ E
arc between 52° 35.0′ N 143° 35.0′ E
52° 35.0′ N 143° 45.5′ E

Purple composite line joining 49° 45.0′ N 144° 19.2′ E
50° 32.0′ N 144° 00.0′ E
50° 32.0′ N 144° 35.0′ E
50° 00.0′ N 144° 47.0′ E
49° 45.0′ N 144° 57.0′ E

Legend
"DANGER AREA NO 19" 52° 32.0′ N 143° 40.0′ E
"DANGER AREA NO 20" 50° 10.0′ N 144° 35.0′ E
(Previously published 7/96)
(DMAHTC)

96320 4Ed. 11/18/95 LAST NM 10/96 2/97
Substitute Purple dashed line for purple composite
line joining 49° 45.0′ N 144° 19.2′ E
50° 32.0′ N 144° 00.0′ E
50° 32.0′ N 144° 35.0′ E
50° 00.0′ N 144° 47.0′ E
49° 57.0′ N 144° 57.0′ E

arc between 52° 35.0′ N 143° 35.0′ E
52° 35.0′ N 143° 45.5′ E
(See 10/96-96320)

Change Legend to "AREA NO 19 SEE CAUTION"
52° 32.0′ N 143° 40.0′ E
"AREA NO 20 SEE CAUTION"
50° 10.0′ N 144° 35.0′ E

Add Caution note
"CAUTION
Mariners are warned to exercise caution within the area indicated. The detail of these areas has not been derived from adequate hydrographic surveys and uncharted dangers may exist." 50° 00.0′ N 142° 50.0′ E
(GIMM059/96)

96320 4Ed. 11/18/95 LAST NM 2/97 12/02
Add Light Fl 8s 14M 50° 00.9′ N 143° 59.8′ E
Light Fl 3s 9M 50° 40.5′ N 143° 41.6′ E

"ANCHORING AND FISHING PROHIBITED" area bound by shore and purple composite line joining 50° 05.4′ N 143° 56.2′ E
50° 05.4′ N 144° 03.8′ E
49° 59.0′ N 144° 03.8′ E
49° 59.0′ N 143° 59.4′ E
(Rus CH 62174)

96320 4Ed. 11/18/95 LAST NM 12/02 51/03
Add Light Fl 6s 15M 52° 21.6′ N 143° 11.6′ E
(38(3513)99 Taunton)

96320 4Ed. 11/18/95 LAST NM 51/03 46/04
Delete Legend "PD" 52° 13.9′ N 143° 25.7′ E
(15(2237)04 St. Petersburg)

96320 4Ed. 11/18/95 LAST NM 46/04 20/12
Delete Depth 3.6 meters, blue tint and enclosing dotted-line circle centered 52° 13.9′ N 143° 24.5′ E
(14(2018)12 St. Petersburg)

96320 4Ed. 11/18/95 LAST NM 20/12 38/12
Add Platform (lighted) "BERKUT" [L2] Mo (U)
15s 15M Horn Racon 52° 27.9′ N 143° 39.1′ E
(35(5149)12 St. Petersburg)

96320 4Ed. 11/18/95 LAST NM 38/12 38/13
Add Submarine pipeline [L40.1] between
52° 28.4′ N 143° 17.4′ E
52° 27.9′ N 143° 39.0′ E
(48(7312)12 St. Petersburg)

96320 4Ed. 11/18/95 LAST NM 38/13 5/14
Add Submarine pipeline [L40.1] joining 52° 28.3′ N 143° 18.5′ E
52° 27.8′ N 143° 20.2′ E
52° 26.2′ N 143° 22.2′ E
52° 24.7′ N 143° 23.6′ E
(9(1083)06 St. Petersburg)

★**96340** 4Ed. 8/5/95 NEW EDITION 41/95
(DMA)

96340 4Ed. 8/5/95 LAST NM 41/95 7/96
Add "DANGER AREA NO 17" bound by purple composite line joining 52° 58.0′ N 144° 07.0′ E
53° 15.0′ N 144° 07.0′ E
53° 15.0′ N 144° 44.0′ E
52° 58.0′ N 144° 44.0′ E

"DANGER AREA NO 19" bound by purple composite-line circle, radius 5 miles, centered 52° 31.0′ N 143° 40.0′ E
(40(5843, 5844)95 St. Petersburg)

96340 4Ed. 8/5/95 LAST NM 7/96 2/97
Delete "DANGER AREA NO 17" in vicinity 53° 08′ N 144° 25′ E
"DANGER AREA NO 19" 52° 31′ N 143° 40′ E
(See 7/96-96340)

Add "AREA NO 17 CAUTION NO 3" bound by purple dashed line joining 52° 58.0′ N 144° 07.0′ E
53° 15.0′ N 144° 07.0′ E
53° 15.0′ N 144° 44.0′ E
52° 58.0′ N 144° 44.0′ E

"AREA NO 19 CAUTION NO 3" bound by purple dashed-line circle, radius 5 miles, centered 52° 31.0′ N 143° 40.0′ E

Caution No 3 to CAUTIONS note
"3. Mariners are warned to exercise caution within the area indicated. The detail of these areas has not been derived from adequate hydrographic surveys and uncharted dangers may exist." 52° 46.5′ N 142° 42.5′ E
(GIMM059/96)

96340 4Ed. 8/5/95 LAST NM 2/97 34/99
Add Platform [L2] Mo(UG) 15M, Mo(U) R 4M
52° 43.0′ N 143° 34.0′ E

Submarine pipeline [L40.1] between
52° 43.0′ N 143° 34.0′ E
52° 42.0′ N 143° 33.5′ E

Superbuoy SBM 52° 42.0′ N 143° 33.5′ E
(6(560)99 St. Petersburg)

96340 4Ed. 8/5/95 LAST NM 34/99 52/01
Add Platform (lighted) [L10] Mo(U) 15s 15M, Mo(U) R 15s 4M HORN 52° 43.0′ N 143° 34.1′ E
(20(2945)01 St. Petersburg)

96340 4Ed. 8/5/95 LAST NM 52/01 12/02
Relocate R Bn from 52° 51.8′ N 143° 17.9′ E to
52° 51.0′ N 143° 18.5′ E

Add Light Oc 7.5s 17M 52° 51.0′ N 143° 18.5′ E
Tide rips symbol [H44] 54° 26.0′ N 142° 42.0′ E
(Rus CH 62175, 62176)

96340 4Ed. 8/5/95 LAST NM 12/02 45/03
Add "Tanker Anchorage" area [N12.5] bound by purple dashed line joining 52° 39.5′ N 143° 38.2′ E
52° 43.5′ N 143° 38.2′ E
52° 43.5′ N 143° 44.7′ E
52° 39.5′ N 143° 44.7′ E
(NTM0031/2003)

96340 4Ed. 8/5/95 LAST NM 45/03 51/03
Add Light Fl 6s 15M 52° 21.5′ N 143° 11.4′ E
(38(3513)99 Taunton)

96340 4Ed. 8/5/95 LAST NM 51/03 16/06
Add Danger circle "Obstn" [K40] 53° 48.4′ N 143° 32.3′ E
(51(7286)05 St. Petersburg)

96340 4Ed. 8/5/95 LAST NM 16/06 42/06
Add Submarine pipeline [L40.1] joining 52° 43.2′ N 143° 34.1′ E
52° 43.4′ N 143° 36.6′ E
52° 43.3′ N 143° 37.9′ E
52° 42.5′ N 143° 37.7′ E
52° 42.6′ N 143° 39.1′ E
52° 35.4′ N 143° 39.4′ E
52° 35.4′ N 143° 37.6′ E
52° 34.4′ N 143° 38.4′ E
52° 32.3′ N 143° 31.5′ E
52° 32.0′ N 143° 18.3′ E
(NTM0015/2006)

96340 4Ed. 8/5/95 LAST NM 42/06 46/09
Delete Purple dashed-line area and legend "AREA NO 17 CAUTION NO 3" in vicinity 53° 06.0′ N 144° 27.0′ E
(35(5291)07 St. Petersburg)

96340 4Ed. 8/5/95 LAST NM 46/09 19/11
Delete "Tanker Anchorage" area in vicinity
52° 41.5′ N 143° 41.7′ E

Add "ANCH AREA" [N12.1] bound by purple dashed line joining 52° 40.5′ N 143° 43.1′ E
52° 42.5′ N 143° 43.1′ E
52° 42.5′ N 143° 46.6′ E
52° 40.5′ N 143° 46.6′ E
(37(5276)06 St. Petersburg)

96340 4Ed. 8/5/95 LAST NM 19/11 38/12
Add Platform (lighted) "BERKUT" [L2] Mo (U) 15s 15M Horn Racon 52° 27.9′ N 143° 39.1′ E
(35(5149)12 St. Petersburg)

96340 4Ed. 8/5/95 LAST NM 38/12 38/13
Add Submarine pipeline [L40.1] between
52° 28.4′ N 143° 17.4′ E
52° 27.9′ N 143° 39.0′ E
(48(7312)12 St. Petersburg)

96340 4Ed. 8/5/95 LAST NM 38/13 5/14
Add Submarine pipeline [L40.1] joining 52° 28.3′ N 143° 18.5′ E
52° 27.8′ N 143° 20.2′ E
52° 26.2′ N 143° 22.2′ E
52° 24.7′ N 143° 23.6′ E
(9(1083)06 St. Petersburg)

★**96360** 4Ed. 8/26/95 NEW EDITION 46/95
(DMA)

96360 4Ed. 8/26/95 LAST NM 46/95 21/97
Substitute Light Fl 7 ½s 17M R Bn for radiobeacon
53° 57.3′ N 140° 19.4′ E
(10(906)97 Taunton; BA LL)

96360 4Ed. 8/26/95 LAST NM 21/97 22/97
Substitute Light L Fl 7 ½s 101m 22M R Bn for radiobeacon 53° 17.8′ N 141° 24.6′ E
(BA LL)

96360 4Ed. 8/26/95 LAST NM 22/97 2/00
Add Depth 5.6 meters 53° 40.2′ N 142° 24.6′ E
(29(4217)99 St. Petersburg)

96360 4Ed. 8/26/95 LAST NM 2/00 25/01
Add Light Iso 3s 9m 7M Ra Ref 53° 34.5′ N 142° 28.3′ E
(5(512)01 St. Petersburg)

96360 4Ed. 8/26/95 LAST NM 25/01 36/01
Delete Danger circle "Obstn" 53° 24.7′ N 141° 36.0′ E
Buoy "54" 53° 31.5′ N 141° 17.5′ E

Buoys "55", "56", "57", "58", "59", "61", "62" and "63" between 53° 24.2′ N 141° 26.0′ E
53° 13.6′ N 141° 35.0′ E

Buoys "53, "52", "50" and "49" between
53° 26.2′ N 141° 31.5′ E
53° 16.6′ N 141° 46.0′ E

Dashed line between 53° 30.0′ N 141° 19.3′ E
53° 13.0′ N 141° 34.5′ E

Dashed line between 53° 30.0′ N 141° 21.7′ E
53° 13.0′ N 141° 47.0′ E

Substitute Range light, front Fl 3s 14M for position circle "TR" 53° 21.0′ N 141° 46.3′ E
Range light, rear F 14M for position circle "TR" 53° 20.5′ N 141° 48.0′ E

Change Buoy to RW, ball topmark, L Fl 53° 40.4′ N 142° 22.5′ E

Add Range line extending in 301° 06′ direction from above rear light
dashed for 8.2 miles, thence
solid for 5.8 miles

Legend "Lts in line 121° 06′ " along above range line 53° 27.4′ N 141° 27.8′ E

Light Iso 3s 18M 53° 38.9′ N 142° 29.6′ E
Light Fl 4s 8M 53° 31.6′ N 140° 50.2′ E
Dangerous wreck [K28] (PA) 54° 18.3′ N 142° 19.6′ E
Depth 15.4 meters 53° 42.5′ N 141° 16.3′ E
Depth 20 meters 53° 48.0′ N 142° 08.0′ E
Depth 20 meters 53° 49.9′ N 141° 10.5′ E
Depth 9.2 meters 53° 40.7′ N 142° 18.5′ E
Depth 10 meters Obstn [K41] 53° 55.0′ N 141° 07.5′ E
Pilot station symbol [T1.1] 53° 40.5′ N 142° 19.1′ E

Light Fl 6s 17M with visible sector 066° -210°
54° 18.6′ N 142° 15.8′ E
Buoy "68" RW, pillar, ball topmark, L Fl WHIS
53° 29.5′ N 141° 22.9′ E
(Rus CH 62177; BA LL)

96360 4Ed. 8/26/95 LAST NM 36/01 42/01
Add Danger circle "Obstn" [K40] 53° 42.4′ N 141° 21.2′ E
(Rus CH 62177)

96360 4Ed. 8/26/95 LAST NM 42/01 43/01
Add Dangerous wreck [K28] 53° 31.0′ N 141° 29.0′ E
(Rus CH 62199)

96360 4Ed. 8/26/95 LAST NM 43/01 12/02
Add Tide rips symbol [H44] 54° 26.0′ N 142° 42.0′ E
(Rus CH 62176)

96360 4Ed. 8/26/95 LAST NM 12/02 16/06
Add Danger circle "Obstn" [K40] 53° 48.4′ N 143° 32.3′ E
(51(7286)05 St. Petersburg)

96360 4Ed. 8/26/95 LAST NM 16/06 47/10
Delete Light 53° 31.6′ N 140° 50.2′ E
(14(1886)05 St. Petersburg)

★**96379** 1Ed. 5/13/89 NEW CHART 6/90
Add Note
"BUOYAGE
IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No. 1." 53° 08.5′ N 141° 06.5′ E
(DMAHTC)

96379 1Ed. 5/13/89 LAST NM 6/90 10/92
Delete R Bn 53° 18.0′ N 141° 28.5′ E

Substitute R Bn for position circle "TR" 53° 17.7′ N 141° 24.6′ E
(46(7341)91 St. Petersburg)

96379 1Ed. 5/13/89 LAST NM 10/92 22/97
Substitute Light L Fl 7½s 101m 22M R Bn for radiobeacon 53° 17.7′ N 141° 24.6′ E
(BA LL)

96379 1Ed. 5/13/89 LAST NM 22/97 36/01
Delete Danger circle "Obstn" 53° 24′ 42″N 141° 36′ 00″E
Buoy "54" 53° 31′ 30″N 141° 17′ 30″E

Buoys "55", "56", "57", "58", "59", "60", "61", "62", "63", "64", "65", "66", "67" and "68" between 53° 24′ 12″N 141° 26′ 00″E
53° 06′ 12″N 141° 26′ 12″E

Buoys "53, "52", "51", "50", "49", "48", "47" and "46" between 53° 26′ 20″N 141° 31′ 35″E
53° 08′ 05″N 141° 42′ 15″E

Solid line between 53° 30′ 01″N 141° 19′ 06″E
53° 05′ 45″N 141° 26′ 12″E

Solid line between 53° 30′ 06″N 141° 21′ 36″E
53° 05′ 45″N 141° 39′ 54″E

Substitute Range light, front Fl 3s 14M for position circle "TR" 53° 21′ 03″N 141° 46′ 15″E
Range light, rear F 14M for position circle "TR" 53° 20′ 27″N 141° 47′ 57″E

Add Range line extending in 301° 06′ direction from above rear light
dashed for 8.2 miles, thence
solid for 5.8 miles

Legend "Lts in line 121° 06′ " along above range line 53° 27′ 21″N 141° 27′ 48″E

Light Fl 4s 8M 53° 31′ 37″N 140° 50′ 11″E

Buoy "68" RW, pillar, ball topmark, L Fl WHIS 53° 29′ 30″N 141° 22′ 54″E
(Rus CH 62177; BA LL)

96379 1Ed. 5/13/89 LAST NM 36/01 42/01
Delete Dangerous wreck (PD) 53° 21′ 34″N 141° 33′ 12″E
Dangerous wreck 53° 06′ 55″N 141° 43′ 11″E
Position circle 53° 18′ 03″N 141° 48′ 10″E

Depth 4.4 meters, blue tint and enclosing depth contour (5-meter) 53° 12′ 15″N 141° 45′ 30″E

Substitute Range light, front L Fl R 5s 10M for position circle "TRS" 53° 18′ 13″N 141° 47′ 42″E
Range light, front Fl R 14M for position circle "TR" 53° 14′ 30″N 141° 48′ 01″E
Range light, rear FR 14M for position circle "TR" 53° 14′ 58″N 141° 48′ 27″E
Light Fl 7M for position circle "TR" 53° 08′ 45″N 141° 50′ 27″E

Add Dangerous wreck [K28] 53° 24′ 06″N 141° 41′ 45″E
Dangerous wreck [K28] 53° 18′ 24″N 141° 35′ 30″E
Dangerous wreck [K28] 53° 18′ 00″N 141° 35′ 00″E
Danger circle "Obstn"[K40] 53° 20′ 54″N 141° 32′ 36″E
Danger circle "Obstn" [K40] 53° 17′ 24″N 141° 35′ 06″E
Danger circle "Obstn" [K40] 53° 17′ 48″N 141° 35′ 30″E
Danger circle "Obstn" [K40] 53° 14′ 36″N 141° 34′ 00″E

Range light, rear L Fl R 5s 10M 53° 17′ 58″N 141° 48′ 00″E

Range line extending in 313° 54′ direction from above rear light
dashed for 3.8 miles, thence
solid for 5.4 miles

Legend "Lts in line 133° 54′ " along above range line 53° 21′ 36″N 141° 42′ 12″E

Range line extending in 208° 54′ direction from rear light 53° 14′ 58″N 141° 48′ 27″E
dashed for 1.8 miles, thence
solid for 8.6 miles

Legend "Lts in line 028° 54′ " along above range line 53° 10′ 03″N 141° 43′ 48″E

Buoy "66" RW, pillar, ball topmark, L Fl WHIS 53° 24′ 18″N 141° 36′ 59″E
Buoy RW, pillar, ball topmark, L Fl 53° 27′ 30″N 141° 43′ 36″E
Buoy G, pillar, cone topmark, QG 53° 24′ 30″N 141° 42′ 04″E
Buoy "64" R, pillar, can topmark, QR WHIS 53° 20′ 39″N 141° 43′ 21″E
Buoy "63" RW, pillar, ball topmark, L Fl 53° 16′ 24″N 141° 45′ 36″E
Buoy "62" R, pillar, can topmark, QR WHIS 53° 13′ 16″N 141° 46′ 54″E

Depth 4.4 meters 53° 21′ 03″N 141° 41′ 33″E
Depth 3.7 meters 53° 16′ 14″N 141° 44′ 30″E
Depth 5.6 meters 53° 14′ 12″N 141° 44′ 33″E
Depth 5 meters 53° 13′ 30″N 141° 45′ 12″E
(Rus CH 62199; BA LL)

96379 1Ed. 5/13/89 LAST NM 42/01 43/01
Delete Dangerous wreck 53° 17′ 48″N 141° 35′ 12″E

Add Dangerous wreck [K28] 53° 31′ 00″N 141° 29′ 00″E
Dangerous submerged rock [K13] 53° 17′ 48″N 141° 35′ 06″E
(Rus CH 62199)

96379 1Ed. 5/13/89 LAST NM 43/01 10/03
Relocate Buoy "63" from 53° 29′ 30″N 141° 22′ 54″E
to 53° 29′ 31″N 141° 22′ 48″E
and add period 6s

Buoy "68" from 53° 16′ 24″N 141° 45′ 36″E
to 53° 16′ 29″N 141° 45′ 47″E
and add period 6s

Add Buoy "61" RW, pillar, ball topmark, L Fl 6s 53° 08′ 58″N 141° 43′ 00″E
Buoy "65" RW, pillar, ball topmark, L Fl 6s 53° 22′ 49″N 141° 39′ 37″E

Period 6s to buoy "66" 53° 24′ 26″N 141° 36′ 47″E
(16(2292)02 St. Petersburg)

96379 1Ed. 5/13/89 LAST NM 10/03 47/10
Delete Light 53° 31′ 37″N 140° 50′ 11″E
(14(1886)05 St. Petersburg)

★96381 2Ed. 6/10/89 NEW EDITION 6/90
(DMAHTC)

96381 2Ed. 6/10/89 LAST NM 6/90 2/00
Add Buoy "38A" R, pillar, can topmark, Fl R 3s 52° 53′ 33″N 141° 09′ 08″E
(29(4218)99 St. Petersburg)

96381 2Ed. 6/10/89 LAST NM 2/00 42/01
Delete Dangerous wreck 53° 06′ 55″N 141° 43′ 11″E
Dangerous wreck 52° 36′ 10″N 141° 21′ 54″E
Dangerous wreck (PD) 52° 34′ 49″N 141° 24′ 40″E
Dangerous wreck 52° 33′ 21″N 141° 27′ 12″E
Dangerous wreck 52° 33′ 30″N 141° 25′ 48″E

Solid line (trackline) between 53° 10′ 00″N 141° 29′ 18″E
52° 59′ 00″N 141° 10′ 36″E

Solid line (trackline) between 53° 00′ 00″N 141° 01′ 48″E
52° 53′ 12″N 141° 12′ 45″E

Solid line (trackline) between 52° 51′ 24″N 141° 14′ 54″E
52° 44′ 03″N 141° 15′ 48″E

Solid line (trackline) between 53° 10′ 00″N 141° 44′ 06″E
52° 32′ 45″N 141° 27′ 30″E

Solid line (trackline) between 52° 51′ 12″N 141° 33′ 14″E
52° 42′ 46″N 141° 16′ 36″E

Solid line (trackline) in vicinity 52° 33′ 12″N 141° 25′ 18″E

Buoys "66", "67", "68", "69", "70", "71", "72", "73", "74", "75", "76", "77", "32", "31', "30", "38A", "29", "28", "27", "26", "25", "24", "23", "22", "21", 20", "19" and "18" between 53° 09′ 30″N 141° 28′ 36″E
52° 42′ 24″N 141° 16′ 21″E

Buoys "46", "45", "44", "43", "42", "41", "40", "39", "38", "37", "36" and "34" between 53° 07′ 06″N 141° 44′ 03″E
52° 33′ 42″N 141° 27′ 12″E

Buoy "79" 52° 48′ 27″N 141° 27′ 54″E

(continued on next page)

96381 (Continued) 42/01

Buoy "78" 52° 45′ 39″N 141° 21′ 15″E
Buoy 52° 38′ 51″N 141° 18′ 06″E
Buoy "17" 52° 33′ 39″N 141° 25′ 03″E
Buoy 52° 33′ 36″N 141° 25′ 48″E
Buoy 52° 33′ 09″N 141° 27′ 00″E
Depth 4.8 meters 52° 33′ 45″N 141° 28′ 03″E
Danger circle "Obstr" 52° 33′ 30″N 141° 28′ 09″E

Depths (2) 5 meters, blue tint and enclosing depth contour (5-meter) in vicinity 52° 46′ 24″N 141° 29′ 15″E

Add Depth 3.6 meters Wk [K26] 52° 36′ 18″N 141° 21′ 06″E
Depth 2.3 meters Wk [K26] 52° 33′ 30″N 141° 27′ 00″E
Depth 3.8 meters Obstn [K41] 52° 33′ 36″N 141° 28′ 00″E
Depth 5.7 meters 52° 46′ 45″N 141° 29′ 15″E
Light Fl 7M 53° 09′ 45″N 141° 50′ 27″E

Solid line (range line) [M3] with legend "Lts in line 028° 54′ " between 53° 10′ 00″N 141° 44′ 12″E
53° 04′ 39″N 141° 39′ 14″E

Buoy "80" RW, pillar, ball topmark, L Fl WHIS 53° 04′ 39″N 141° 39′ 14″E
Buoy "58" RW, pillar, ball topmark, L Fl WHIS 52° 56′ 30″N 141° 40′ 36″E
Buoy "54" RW, pillar, ball topmark, L Fl WHIS 52° 51′ 24″N 141° 34′ 00″E
Buoy "53" G, pillar, cone topmark, QG 52° 48′ 30″N 141° 30′ 54″E
Buoy "52" R, pillar, can topmark, QR 52° 45′ 24″N 141° 28′ 00″E
Buoy "51" G, pillar, cone topmark, QG 52° 42′ 36″N 141° 27′ 36″E
Buoy "50" R, pillar, can topmark, QR 52° 39′ 30″N 141° 28′ 06″E
Buoy "48" R, pillar, can topmark, QR 52° 35′ 18″N 141° 27′ 00″E
Buoy "47" G, spar, cone topmark, QG 52° 33′ 36″N 141° 27′ 36″E
Buoy "20" RW, pillar, ball topmark, L Fl 52° 33′ 30″N 141° 25′ 15″E
(Rus CH 62199; BA LL)

96381 2Ed. 6/10/89 LAST NM 42/01 44/01

Delete Position circle and legend "TRS" 52° 39′ 54″N 141° 16′ 45″E

Substitute Light 2 L Fl 7.5s 16/14M for position circle 52° 39′ 51″N 141° 16′ 54″E
Light 2 L Fl G 7.5s 10M for position circle 52° 40′ 01″N 141° 16′ 44″E

Add Range light extending in 141° 06′ direction from light 52° 39′ 51″N 141° 16′ 54″E
dashed for 2.6 miles, thence
solid for 5.2 miles

Legend "Lts in line 321° 06′ " along above range line 52° 34′ 45″N 141° 23′ 50″E

Range light extending in 352° 30′ direction from light 52° 40′ 01″N 141° 16′ 44″E
dashed for 0.8 mile, thence
solid for 3.3 miles

Legend "Lts in line 172° 30′ " along above range line 52° 43′ 20″N 141° 15′ 48″E

Range light, front Iso 14M 52° 41′ 51″N 141° 14′ 46″E
Range light, rear Iso 14M 52° 41′ 30″N 141° 14′ 03″E

Range light extending in 050° 18′ direction from above rear light
dashed for 1.6 miles, thence
solid for 13.7 miles

Legend "Lts in line 230° 18′ " along above range line 52° 49′ 30″N 141° 29′ 36″E

Depth 4.1 meters Obstn [K41] 52° 39′ 24″N 141° 18′ 14″E
(Rus CH 62199; BA LL; NTM0007/2001)

96381 2Ed. 6/10/89 LAST NM 44/01 10/03

Relocate Buoy "52" from 52° 45′ 24″N 141° 28′ 00″E
to 52° 45′ 19″N 141° 28′ 25″E
Buoy "51" from 52° 42′ 36″N 141° 27′ 36″E
to 52° 42′ 25″N 141° 27′ 42″E
Buoy "50" from 52° 39′ 30″N 141° 28′ 06″E
to 52° 39′ 46″N 141° 28′ 04″E
Buoy "48" from 52° 35′ 18″N 141° 27′ 00″E
to 52° 35′ 21″N 141° 26′ 58″E
Buoy "47" from 52° 33′ 36″N 141° 27′ 36″E
to 52° 33′ 34″N 141° 27′ 57″E

Add Buoy "61" RW, pillar, ball topmark, L Fl 6s 53° 08′ 58″N 141° 43′ 00″E
Buoy "59" RW, pillar, ball topmark, L Fl 6s 53° 00′ 18″N 141° 39′ 56″E
Buoy "56" R, pillar, can topmark, QR WHIS 52° 53′ 31″N 141° 36′ 50″E

Buoy BRB, pillar, double ball topmark, Fl(2) 5s WHIS 52° 33′ 24″N 141° 27′ 10″E
(16(2292)02 St. Petersburg)

96381 2Ed. 6/10/89 LAST NM 10/03 50/03

Substitute Depth 2.9 meters for 3.2 meters 52° 42′ 45″N 141° 16′ 37″E

Add Depth 3.2 meters 52° 43′ 40″N 141° 15′ 58″E
(18(2768)03 St. Petersburg)

96381 2Ed. 6/10/89 LAST NM 50/03 46/04

Add Depth 2.9 meters 52° 33′ 50″N 141° 23′ 59″E
Depth 3.4 meters 52° 34′ 48″N 141° 23′ 29″E
Depth 3.8 meters 52° 35′ 16″N 141° 21′ 37″E
Depth 3.8 meters 52° 35′ 19″N 141° 22′ 50″E
Depth 3.8 meters 52° 35′ 55″N 141° 22′ 03″E
(17(2571)04 St. Petersburg)

96381 2Ed. 6/10/89 LAST NM 46/04 19/05

Add Chartlet A, depicting changes in hydrography, topography and aids to navigation from Subsection I-2 53° 03′ 30″N 140° 50′ 00″E
Chartlet B, depicting changes in hydrography, topography and aids to navigation from Subsection I-2 53° 02′ 00″N 141° 07′ 00″E
Chartlet C, depicting changes in hydrography, topography and aids to navigation from Subsection I-2 52° 54′ 00″N 141° 07′ 00″E
Chartlet D, depicting changes in hydrography, topography and aids to navigation from Subsection I-2 53° 03′ 45″N 141° 24′ 00″E
(Rus CH 63169; 15(2235)04 St. Petersburg)

96381 2Ed. 6/10/89 LAST NM 19/05 36/08

Add Depth 3.6 meters 52° 38′ 31″N 141° 18′ 44″E
(14(1747)08 St. Petersburg)

96381 2Ed. 6/10/89 LAST NM 36/08 46/09

Substitute Depth 7.7 meters for 8.8 meters 52° 53′ 25″N 141° 10′ 05″E
(See 19/05-96381)
(35(5290)07 St. Petersburg)

★96382 2Ed. 7/22/89 NEW EDITION 6/90
(DMAHTC)

96382 2Ed. 7/22/89 LAST NM 6/90 23/95

Delete Purple composite line between 52° 03.5′ N 141° 38.5′ E
51° 39.7′ N 141° 22.2′ E

Legend "AREA 13-V CAUTION NO 2" 51° 45.5′ N 141° 30.0′ E

Change Caution No 2 of CAUTIONS note to "2. Reserved." 51° 52.8′ N 141° 47.0′ E

Add Dangerous wreck (PA) 51° 42.1′ N 141° 32.4′ E
(Rus CH 703; 1/94 St. Petersburg)

96382 2Ed. 7/22/89 LAST NM 23/95 8/97

Delete Buoy "12" 52° 17.0′ N 141° 25.6′ E

Add Buoy "14" RW, pillar, ball topmark, L Fl 6s 52° 17.4′ N 141° 24.2′ E
(37(5495)96 St. Petersburg)

96382 2Ed. 7/22/89 LAST NM 8/97 8/99

Add Stranded wreck (PA) 51° 57′ 50″N 141° 29′ 30″E
(26(3889)98 St. Petersburg)

96382 2Ed. 7/22/89 LAST NM 8/99 47/00

Add Depth 5 meters Wk [K26] 52° 10′ 46″N 141° 34′ 34″E
(28(4680)00 St. Petersburg)

96382 2Ed. 7/22/89 LAST NM 47/00 43/01

Delete
Dangerous wreck (PD) 52° 34′ 49″N 141° 24′ 40″E
Dangerous wreck 52° 33′ 21″N 141° 27′ 12″E
Dangerous wreck 52° 33′ 30″N 141° 25′ 45″E
Dangerous wreck 52° 32′ 12″N 141° 26′ 00″E
Dangerous wreck 52° 21′ 59″N 141° 23′ 57″E
Danger circle "Obstr" 52° 33′ 30″N 141° 28′ 12″E
Danger circle "Obstr" 52° 30′ 04″N 141° 26′ 22″E

Solid line (trackline) between 52° 36′ 00″N 141° 27′ 48″E
51° 39′ 45″N 141° 14′ 00″E

Solid line (trackline) in vicinity 52° 32′ 09″N 141° 25′ 45″E

Buoys "34", "16", "15", "14", "13", "11", "10", "9", "8", "7", "6", "5", "4", "3", "2" and "1" between 52° 33′ 36″N 141° 28′ 12″E
51° 44′ 03″N 141° 21′ 40″E
Note: Buoy "14" remains 52° 17′ 24″N 141° 24′ 16″E

Buoy "17" 52° 33′ 36″N 141° 25′ 12″E
Buoy 52° 33′ 36″N 141° 25′ 48″E
Buoy 52° 09′ 42″N 141° 35′ 45″E

Substitute
Depth 5.2 meters Wk [K26] for dangerous wreck 52° 31′ 44″N 141° 25′ 30″E
Range light, front Iso R 12M for position circle "Tr" 52° 13′ 29″N 141° 38′ 49″E
Range light, front Fl R 12M for position circle "Tr" 52° 12′ 51″N 141° 39′ 18″E
Range light, rear Fl R 12M for position circle "Tr" 52° 13′ 12″N 141° 39′ 44″E
Light Iso 6s 252m 22M R Bn for position circle "Tr" 52° 11′ 58″N 141° 30′ 45″E
Range light, front Iso 11M for position circle "Tr" 52° 06′ 30″N 141° 38′ 51″E
Range light, rear Iso 11M for position circle "Tr" 52° 06′ 14″N 141° 39′ 06″E

Add
Depth 6.2 meters Wk [K26] 52° 31′ 36″N 141° 25′ 30″E
Depth 2.3 meters Wk [K26] 52° 33′ 15″N 141° 27′ 00″E
Stranded wreck [K24] 52° 32′ 06″N 141° 24′ 06″E
Dangerous wreck [K28] 52° 32′ 06″N 141° 25′ 30″E
Depth 8.4 meters Obstn [K41] 52° 24′ 45″N 141° 25′ 18″E
Depth 3.8 meters Obstn [K41] 52° 33′ 36″N 141° 28′ 00″E
Dangerous wreck [K28] 52° 14′ 54″N 141° 32′ 00″E
Depth 0.8 meter Obstn [K41] 52° 03′ 12″N 141° 33′ 24″E

Submarine cable [L30.1] joining
52° 10′ 45″N 141° 31′ 45″E
52° 11′ 30″N 141° 35′ 06″E
52° 03′ 00″N 141° 30′ 54″E
51° 39′ 45″N 141° 15′ 18″E

Light Fl 17M 52° 30′ 55″N 141° 12′ 29″E
Light Fl R 3M 52° 12′ 23″N 141° 33′ 38″E

Range light, front Iso 13M 52° 15′ 30″N 141° 20′ 10″E
Range light, rear Iso 13M 52° 14′ 57″N 141° 19′ 59″E

Range line extending in 019° 12′ direction from above rear light
dashed for 4.3 miles, thence
solid for 8.4 miles

Legend "Lts in line 199° 12′ " along above range line 52° 25′ 59″N 141° 26′ 30″E

Range line extending in 294° direction from rear light 52° 13′ 12″N 141° 39′ 44″E
dashed for 4.4 miles, thence
solid for 5.2 miles

Legend "Lts in line 114° " along above range line 52° 16′ 48″N 141° 26′ 54″E

Range line extending in 214° 42′ direction from rear light 52° 13′ 12″N 141° 39′ 44″E
dashed for 3.6 miles, thence
solid for 4.3 miles

Legend "Lts in line 034° 42′ " along above range line 52° 07′ 18″N 141° 33′ 24″E

Range line extending in 337° 12′ direction from rear light 52° 06′ 14″N 141° 39′ 06″E
dashed for 4.2 miles, thence
solid for 5.2 miles

Legend "Lts in line 157° 12′ " along above range line 52° 08′ 45″N 141° 37′ 36″E

Buoy "48" R, pillar, can topmark, QR
52° 35′ 18″N 141° 27′ 00″E

Buoy "47" G, spar, cone topmark, QG
52° 33′ 36″N 141° 27′ 36″E
Buoy "20" RW, pillar, ball topmark, L Fl
52° 33′ 30″N 141° 25′ 15″E
Buoy "19" RW, pillar, ball topmark, L Fl WHIS
52° 30′ 00″N 141° 26′ 06″E
Buoy "18" RW, pillar, ball topmark, L Fl
52° 27′ 00″N 141° 26′ 45″E
Buoy "16" RW, pillar, ball topmark, L Fl WHIS
52° 19′ 03″N 141° 22′ 21″E
Buoy "13" RW, pillar, ball topmark, L Fl WHIS
52° 16′ 00″N 141° 29′ 12″E
Buoy "12" R, pillar, can topmark, QR
52° 15′ 00″N 141° 33′ 06″E
Buoy "11" RW, pillar, ball topmark, L Fl
52° 14′ 30″N 141° 33′ 45″E
Buoy "9" RW, pillar, ball topmark, L Fl
52° 10′ 15″N 141° 36′ 24″E
Buoy "8" RW, pillar, ball topmark, L Fl WHIS
52° 06′ 36″N 141° 32′ 18″E
Buoy "6" R, pillar, can topmark, Fl R WHIS
51° 59′ 00″N 141° 28′ 06″E
Buoy "4" RW, pillar, ball topmark, L Fl WHIS
51° 55′ 30″N 141° 26′ 42″E
Buoy "3" RW, pillar, ball topmark, L Fl WHIS
51° 50′ 24″N 141° 24′ 15″E
Buoy "2" RW, pillar, ball topmark, L Fl WHIS
51° 45′ 36″N 141° 22′ 15″E
Buoy "1" RW, pillar, ball topmark, L Fl WHIS
51° 40′ 36″N 141° 20′ 00″E

"AREA NO 326 CAUTION NO 1" [N2.1]
bound by purple composite line joining
52° 11′ 30″N 141° 36′ 18″E
52° 05′ 12″N 141° 32′ 30″E
52° 05′ 12″N 141° 31′ 42″E
52° 07′ 42″N 141° 32′ 42″E
52° 11′ 12″N 141° 34′ 45″E

"AREA NO 335 CAUTION NO 1" [N2.1]
bound by purple composite line joining
51° 58′ 00″N 141° 29′ 12″E
51° 54′ 12″N 141° 27′ 45″E
51° 54′ 45″N 141° 26′ 06″E
51° 54′ 06″N 141° 26′ 00″E
51° 58′ 00″N 141° 27′ 30″E
(Rus CH 62199)

96382 2Ed. 7/22/89 LAST NM 43/01 44/01

Add
Solid line (range line) [M1] between
52° 36′ 00″N 141° 21′ 54″E
52° 33′ 39″N 141° 24′ 06″E

Legend "Lts in line 321° 06′ " along above range line 52° 34′ 12″N 141° 24′ 12″E
(Rus CH 62199)

96382 2Ed. 7/22/89 LAST NM 44/01 10/03

Relocate
Buoy "48" from 52° 35′ 18″N 141° 27′ 00″E
to 52° 35′ 21″N 141° 26′ 58″E
Buoy "47" from 52° 33′ 36″N 141° 27′ 36″E
to 52° 33′ 34″N 141° 27′ 57″E

Add
Buoy BRB, pillar, double ball topmark, Fl(2) 5s WHIS 52° 33′ 24″N 141° 27′ 10″E
(16(2292)02 St. Petersburg)

96382 2Ed. 7/22/89 LAST NM 10/03 12/03

Add
Depth 14.6 meters 52° 11′ 55″N 141° 36′ 22″E
Depth 5.2 meters 52° 13′ 07″N 141° 34′ 40″E
Depth 5.8 meters 52° 15′ 37″N 141° 31′ 27″E
Depth 14.4 meters 52° 12′ 55″N 141° 35′ 22″E
Depth 6.9 meters 52° 15′ 49″N 141° 30′ 37″E

Depth 4.6 meters, blue tint and enclosing depth contour (5-meter) centered
52° 15′ 50″N 141° 35′ 01″E
Depth 5 meters, blue tint and enclosing depth contour (5-meter) centered
52° 15′ 34″N 141° 35′ 10″E
Depth 1.2 meters, blue tint and enclosing depth contour (2-meter) centered
52° 14′ 31″N 141° 33′ 21″E
(43(6696)02 St. Petersburg)

96382 2Ed. 7/22/89 LAST NM 12/03 21/03

Add
Period 6s to buoy 51° 40′ 36″N 141° 20′ 00″E
Period 6s to buoy 51° 45′ 36″N 141° 22′ 15″E
Period 6s to buoy 51° 50′ 24″N 141° 24′ 15″E
(48(7559)02 St. Petersburg)

96382 2Ed. 7/22/89 LAST NM 21/03 46/04
Add Depth 2.9 meters 52° 33′ 50″N 141° 23′ 59″E
Depth 3.4 meters 52° 34′ 48″N 141° 23′ 29″E
Depth 3.8 meters 52° 35′ 16″N 141° 21′ 37″E
Depth 3.8 meters 52° 35′ 19″N 141° 22′ 50″E
Depth 3.8 meters 52° 35′ 55″N 141° 22′ 03″E
(17(2571)04 St. Petersburg)

96382 2Ed. 7/22/89 LAST NM 46/04 32/05
Change Legend to "AREA NO 323 CAUTION NO 1"
52° 09′ 30″N 141° 34′ 30″E
(8(899)05 St. Petersburg)

96382 2Ed. 7/22/89 LAST NM 32/05 35/13
Add Depth 5.6 meters 52° 14′ 46″N 141° 31′ 40″E
Depth 3.6 meters, blue tint and enclosing depth contour (5-meter) centered 52° 14′ 00″N 141° 35′ 02″E
(28(4327)13 St. Petersburg)

★**96400** 4Ed. 12/2/95 NEW EDITION 4/96
(DMA)

96400 4Ed. 12/2/95 LAST NM 4/96 6/96
Delete NAUTO and BELL from light 51° 25.6′ N 140° 53.2′ E
(31(4570)95 St. Petersburg)

96400 4Ed. 12/2/95 LAST NM 6/96 8/97
Change Buoy to BYB, pillar, double cone topmark bases together 51° 27.3′ N 140° 52.7′ E
(37(5496)96 St. Petersburg)

96400 4Ed. 12/2/95 LAST NM 8/97 9/99
Add Range light,
front Fl R 3s 14M (PA) 51° 28.0′ N 140° 45.8′ E
rear FR 14M (PA) 51° 28.2′ N 140° 45.1′ E

Range line extending in 106° 36′ direction from above rear light dashed for 4 miles, thence solid for 10 miles

Legend "Lts. 286° 36′ " along above range line 51° 24.2′ N 141° 05.6′ E

Range light,
front Fl G 3s 10M (PA) 51° 27.2′ N 140° 47.0′ E
rear Fl G 3s 10M (PA) 51° 27.1′ N 140° 46.5′ E

Range line extending in 072° direction from above rear light dashed for 2.5 miles, thence solid for 7.5 miles

Legend "Lts. 252° " along above range line 51° 29.0′ N 140° 56.0′ E
(38(3440)98 Taunton; GIMM012/99)

96400 4Ed. 12/2/95 LAST NM 9/99 34/99
Delete Legend "CONTINUED ON 96380"
52° 14′ 45″N 141° 35′ 00″E
(NIMA)

96400 4Ed. 12/2/95 LAST NM 34/99 2/00
Add Submarine pipeline [L40.1] joining 51° 29.5′ N 140° 50.9′ E
51° 29.3′ N 140° 50.9′ E
51° 28.8′ N 140° 52.5′ E

Stranded wreck [K24] 50° 53.9′ N 142° 07.7′ E
(19(2587, 2588)99 St. Petersburg)

96400 4Ed. 12/2/95 LAST NM 2/00 3/00
Add Buoy BYB, pillar, double cone topmark bases together, Q(3) 10s 51° 28.7′ N 140° 52.9′ E
Buoy YB, pillar, double cone topmark points downward, Q(6) + L Fl 15s 51° 28.6′ N 140° 52.4′ E
(34(5085)99 St. Petersburg)

96400 4Ed. 12/2/95 LAST NM 3/00 43/01
Delete Buoy "1" 51° 44.1′ N 141° 22.3′ E

Add Submarine cable [L30.1] between 51° 46.4′ N 141° 19.7′ E
51° 27.0′ N 141° 07.9′ E

Buoy "1" RW, pillar, ball topmark, L Fl WHIS
51° 40.6′ N 141° 20.0′ E

Buoy "2" RW, pillar, ball topmark, L Fl WHIS
51° 45.6′ N 141° 22.3′ E
(Rus CH 62199)

96400 4Ed. 12/2/95 LAST NM 43/01 12/03
Add Depth 14.6 meters 52° 11.9′ N 141° 36.4′ E
(43(6696)02 St. Petersburg)

96400 4Ed. 12/2/95 LAST NM 12/03 32/05
Add Anchor berth [N11.1] 51° 18.4′ N 142° 08.0′ E
Anchor berth [N11.1] 51° 13.5′ N 142° 09.4′ E
Anchor berth [N11.1] 51° 03.2′ N 142° 13.8′ E
(53(8334)04 St. Petersburg)

96400 4Ed. 12/2/95 LAST NM 32/05 19/11
Add Dashed line (recommended track) [M4] with legend "ROUTE 28 - 353° " between
51° 22.2′ N 141° 01.1′ E
51° 00.0′ N 141° 05.2′ E

Dashed line (recommended track) [M4] with legend "ROUTE 28 - 357° " between
51° 00.0′ N 141° 05.2′ E
50° 05.0′ N 141° 09.3′ E

Dashed line (recommended track) [M4] with legend "ROUTE 29 - 177° " between
50° 05.0′ N 141° 04.8′ E
51° 22.2′ N 140° 59.1′ E
(37(5277)06 St. Petersburg)

96400 4Ed. 12/2/95 LAST NM 19/11 35/13
Add Depth 5.6 meters 52° 14.8′ N 141° 31.7′ E
Depth 3.6 meters 52° 14.0′ N 141° 35.0′ E
(28(4327)13 St. Petersburg)

96400 4Ed. 12/2/95 LAST NM 35/13 5/14
Add Submarine pipeline [L40.1] joining 51° 29.1′ N 140° 49.8′ E
51° 28.1′ N 140° 52.2′ E
51° 27.8′ N 140° 54.1′ E

Pilot station symbol [T1.2] with legend "Tankers" 51° 27.1′ N 140° 55.3′ E
(3(250)06 St. Petersburg)

★**96401** 1Ed. 5/27/89 NEW CHART 34/89
(DMAHTC)

96401 1Ed. 5/27/89 LAST NM 34/89 17/90
Delete "AREA NO 219 CAUTION NO 2" centered
50° 55.3′ N 142° 08.5′ E

Change Caution No 2 of cautions note to "2. Reserved." 50° 55.7′ N 142° 14.0′ E
(5(707)90 Leningrad)

96401 1Ed. 5/27/89 LAST NM 17/90 50/92
Substitute Depth 11.6 meters for 12.6 meters 50° 55.5′ N 142° 07.7′ E
(30(4771)92 St. Petersburg)

96401 1Ed. 5/27/89 LAST NM 50/92 52/92
Delete Light 50° 53.8′ N 142° 07.0′ E
(37(5997)92 St. Petersburg)

96401 1Ed. 5/27/89 LAST NM 52/92 9/99
Add Solid line (jetty) between 50° 54′ 27″N 142° 08′ 35″E
50° 54′ 16″N 142° 08′ 45″E
(27(2374)98 Taunton)

96401 1Ed. 5/27/89 LAST NM 9/99 2/00
Add Stranded wreck [K24] 50° 53′ 51″N 142° 07′ 44″E
(19(2588)99 St. Petersburg)

★**96420** 3Ed. 3/16/96 NEW EDITION 20/96
(DMA)

96420 3Ed. 3/16/96 LAST NM 20/96 2/97
Substitute Purple dashed line for purple composite line joining 53° 15′ N 144° 30′ E
53° 15′ N 144° 07′ E
52° 58′ N 144° 07′ E
52° 58′ N 144° 30′ E

Change Legend to "AREA NO 17 CAUTION 2" 53° 07′ N 144° 20′ E

CAUTION note to
"CAUTIONS
1. Anchoring, fishing, underwater and dredging operations, trawling, underwater explosions and navigation with paid out anchor chain is dangerous within one mile of the submarine cable.
2. Mariners are warned to exercise caution within the area indicated. The detail of these areas has not been derived from adequate hydrographic surveys and uncharted dangers may exist." 58° 44′ N 136° 32′ E
(GIMM059/96)

96420 3Ed. 3/16/96 LAST NM 2/97 20/97
Delete Submarine cable and legend "PA" between 59° 23.0′ N 144° 16.8′ E
58° 56.0′ N 143° 19.0′ E

NAUTO at light 59° 20.8′ N 143° 11.0′ E

Add Submarine cable between 58° 56.0′ N 143° 19.0′ E
59° 22.0′ N 143° 17.5′ E

Purple dashed line (fairway limit) between 59° 20.0′ N 143° 08.0′ E
59° 08.5′ N 143° 08.0′ E

between 59° 20.0′ N 143° 12.0′ E
59° 08.5′ N 143° 12.0′ E

Dashed line (recommended track) with legend "000°-180°" between 59° 20.0′ N 143° 10.0′ E
59° 08.5′ N 143° 10.0′ E

HORN to light 59° 19.2′ N 143° 28.0′ E
(Rus CH 1078; Rus LL)

96420 3Ed. 3/16/96 LAST NM 20/97 21/97
Substitute Light for radiobeacon
L Fl 19M R Bn 55° 11.6′ N 137° 38.0′ E
Fl 17M R Bn 53° 57.0′ N 140° 19.0′ E
(10(906)97 Taunton)

96420 3Ed. 3/16/96 LAST NM 21/97 22/97
Substitute Light L Fl 7½s 101m 22M R Bn for radiobeacon 53° 18′ N 141° 25′ E
(BA LL)

96420 3Ed. 3/16/96 LAST NM 22/97 8/99
Delete HORN from light 59° 19.2′ N 143° 28.0′ E
(23(3409)98 St. Petersburg)

96420 3Ed. 3/16/96 LAST NM 8/99 52/99
Delete Light and R Bn 55° 11.6′ N 137° 38.0′ E
R Bn 54° 39.5′ N 135° 37.5′ E
(14(1962)98 St. Petersburg)

96420 3Ed. 3/16/96 LAST NM 52/99 27/01
Change Visibility (range) of light to 9M 59° 20.9′ N 143° 11.2′ E
(Rus CH 62183)

96420 3Ed. 3/16/96 LAST NM 27/01 36/01
Add Light Iso 3s 18M 53° 38.9′ N 142° 29.6′ E
Light Fl 6s 17M 54° 18.6′ N 142° 15.8′ E
(Rus CH 62177; BA LL)

96420 3Ed. 3/16/96 LAST NM 36/01 16/06
Add Danger circle "Obstn" [K40] 53° 48.4′ N 143° 32.3′ E
(51(7286)05 St. Petersburg)

★**96440** 3Ed. 9/30/95 NEW EDITION 50/95
Substitute Light L Fl 12s 53m 20M R Bn NAUTO for beacon 59° 19.2′ N 143° 27.8′ E

Change Light to
Fl 3s 7M 59° 22.0′ N 143° 10.0′ E
L Fl 9s 87m 23M R Bn 59° 10.2′ N 149° 05.2′ E
L Fl 7½s 58m 19M R Bn NAUTO 58° 50.0′ N 151° 22.0′ E
Note: Obscured sectors unchanged
(DMA; Rus LL)

96440 3Ed. 9/30/95 LAST NM 50/95 32/96
Add Submarine cable joining 59° 34.0′ N 151° 16.0′ E
59° 07.5′ N 151° 03.0′ E
58° 49.5′ N 151° 01.0′ E
58° 46.3′ N 151° 06.0′ E
57° 18.0′ N 156° 24.5′ E
57° 08.3′ N 156° 48.8′ E
(24(1995)96 Taunton)

96440 3Ed. 9/30/95 LAST NM 32/96 17/97
Change Legend "CAUTION" to "CAUTIONS" 60° 10′ N 145° 10′ E

Add Purple dashed line joining 55° 50′ N 154° 40′ E
56° 33′ N 154° 40′ E
57° 11′ N 155° 12′ E
57° 11′ N 156° 19′ E
56° 46′ N 155° 48′ E
55° 50′ N 155° 29′ E

Legend "AREA 24 CAUTION NO 4" 56° 30′ N 155° 20′ E

Caution No. 4 to CAUTIONS note
"4. Mariners are warned to exercise caution within the areas indicated. The detail of these areas has not been derived from adequate hydrographic surveys and uncharted dangers may exist." 59° 54′ N 145° 10′ E
(NIMA; 20(3002)96 St. Petersburg; GIMM059/96)

96440 3Ed. 9/30/95 LAST NM 17/97 20/97
Delete Submarine cable and legend "CAUTION NO 3" between 59° 23.0′ N 144° 16.0′ E
58° 56.0′ N 143° 19.0′ E

Change Fog signal to HORN at light 59° 19.2′ N 143° 27.8′ E

Add Submarine cable with legend "CAUTION NO 3" between 58° 56.0′ N 143° 19.0′ E
59° 22.0′ N 143° 17.5′ E

Purple dashed line (fairway limit) between 59° 20.0′ N 143° 08.0′ E
59° 08.5′ N 143° 08.0′ E

between 59° 20.0′ N 143° 12.0′ E
59° 08.5′ N 143° 12.0′ E

Dashed line (recommended track) with legend "000°-180°" between 59° 20.0′ N 143° 10.0′ E
59° 08.5′ N 143° 10.0′ E
(Rus CH 1078; Rus LL)

96440 3Ed. 9/30/95 LAST NM 20/97 21/97
Substitute Light for radiobeacon
Fl(2) 23M R Bn 59° 09.0′ N 146° 03.0′ E
Fl 19M R Bn 59° 29.0′ N 150° 30.0′ E
(10(906)97 Taunton)

96440 3Ed. 9/30/95 LAST NM 21/97 31/97
Add Wreck 59° 04.8′ N 154° 37.3′ E
(11(1481)97 St. Petersburg)

96440 3Ed. 9/30/95 LAST NM 31/97 39/98
Add Buoys, each Y, pillar, "X" topmark, Fl Y 5s
"3" 57° 15.1′ N 156° 38.1′ E
"4" 57° 20.3′ N 156° 26.2′ E
(42(6216)97 St. Petersburg)

96440 3Ed. 9/30/95 LAST NM 39/98 8/99
Delete HORN from light 59° 19.2′ N 143° 27.8′ E

Add Disused submarine cable joining 59° 01.0′ N 152° 22.5′ E
58° 58.0′ N 152° 23.0′ E
58° 55.7′ N 152° 24.3′ E
58° 51.9′ N 152° 30.6′ E
58° 51.1′ N 152° 32.7′ E
58° 48.2′ N 152° 36.9′ E
(20(3009), 23(3409)98 St. Petersburg)

96440 3Ed. 9/30/95 LAST NM 8/99 27/01
Delete Depth 17.8 meters 59° 14.0′ N 144° 54.0′ E

Change Visibility (range) of light to 9M 59° 21.3′ N 143° 10.3′ E

Add Light Fl 3s 8M 59° 00.0′ N 150° 28.1′ E
Light Fl 3s 4M 59° 33.7′ N 151° 20.1′ E
Light Fl(3) 15s 18M 59° 06.4′ N 151° 06.2′ E
Light Fl 4s 8M 59° 05.5′ N 150° 37.1′ E
Light Fl 4s 49m 8M R Bn 59° 15.0′ N 145° 49.6′ E
Light Fl 2.5s 8M 59° 22.7′ N 145° 46.3′ E
Light Fl 3s 8M 59° 12.3′ N 149° 03.1′ E
Light Fl 5s 9M 59° 22.5′ N 144° 43.4′ E

Depth 9 meters, blue tint and enclosing dotted-line circle 59° 07.6′ N 153° 28.9′ E
Depth 18.4 meters, blue tint and enclosing dotted-line circle 59° 19.5′ N 145° 47.0′ E
Depth 19.8 meters, blue tint and enclosing dotted-line circle 59° 14.5′ N 144° 57.0′ E
(Rus CH 62183, 62184, 62186, 62187; BA LL)

96440 3Ed. 9/30/95 LAST NM 27/01 11/04
Delete R Bn 57° 11.0′ N 156° 36.0′ E
(25(3965)03 St. Petersburg)

96440 3Ed. 9/30/95 LAST NM 11/04 51/05
Add Wreck [K29] (PA) 59° 13.0′ N 148° 58.0′ E
(35(4890)05 St. Petersburg)

96440 3Ed. 9/30/95 LAST NM 51/05 17/11
Delete Buoy "3" 57° 15.1′ N 156° 38.1′ E
Buoy "4" 57° 20.3′ N 156° 26.2′ E
(45(6553)06 St. Petersburg)

★96441 1Ed. 5/27/57 NEW CHART 31/57
(USHO)

96441 1Ed. 5/27/57 LAST NM 31/57 38/84
Add Note in left upper margin of chart
"BUOYAGE
IALA Buoyage System (Region A) is in effect in the area covered by this chart. See Chart No. 1."
(18(3521)84 Leningrad)

96441 1Ed. 5/27/57 LAST NM 38/84 47/86
(Plan A)
Delete Light 59° 29′ 06″N 150° 29′ 55″E
Note: R Bn remains

(Plan B)
Delete Light 59° 06′ 52″N 148° 59′ 05″E

Change Light to L Fl 9s 23M 59° 09′ 51″N 149° 05′ 50″E
(USSR LL)

96441 1Ed. 5/27/57 LAST NM 47/86 46/87
(Plan A)
Delete Light 59° 34.7′ N 150° 22.1′ E

Range lights, range line, and legend between 59° 33.8′ N 150° 46.7′ E
59° 32.0′ N 150° 36.0′ E
(USSR LL; BA LL)

96441 1Ed. 5/27/57 LAST NM 46/87 20/97
(Plan D)
Add Caution note
"CAUTIONS
1. Later date sources indicate extensive changes in hydrography, topography, and aids to navigation within the area covered by this plan.
2. Fish stakes may be encountered within 1½ miles of the channel entrance."
59° 22′ 16″N 143° 08′ 05″E
(Rus CH 1078)

96441 1Ed. 5/27/57 LAST NM 20/97 21/97
(Plan A)
Substitute Light Fl 7½s 243ft 19M R Bn for radiobeacon 59° 29′ 07″N 150° 29′ 58″E
(10(906)97 Taunton; BA LL)

★96441 1Ed. 5/27/57 LAST NM 21/97 25/97
Delete Plan D (Okhotskiy Road)
(NIMA)

96441 1Ed. 5/27/57 LAST NM 25/97 31/97
(Plan E)
Add Wreck 59° 04.8′ N 154° 37.3′ E
(11(1481)97 St. Petersburg)

96441 1Ed. 5/27/57 LAST NM 31/97 8/99
(Plan A)
Add Legend "Obstructions" between
59° 33′ 48″N 150° 45′ 48″E
59° 33′ 05″N 150° 46′ 00″E

Legend "Works in progress (1998)"
59° 33′ 40″N 150° 42′ 38″E
(23(3410)98 St. Petersburg)

96441 1Ed. 5/27/57 LAST NM 8/99 27/01
(Plan A)
Add Range light, front FR 59° 33′ 44″N 150° 46′ 25″E
Range light, rear FR 59° 33′ 47″N 150° 46′ 45″E

Range line extending in 251° 48′ direction from above rear range light
dashed for 1,500 meters, thence
solid for 9,200 meters

Legend "Lts in line 071° 48′ " along above range line 59° 32′ 02″N 150° 36′ 25″E

Light Fl 3s 8M 59° 34′ 43″N 150° 22′ 05″E

(Plan B)
Add Light Fl 3s 8M (PA) 59° 12′ 25″N 149° 02′ 30″E
(Rus CH 62186)

96441 1Ed. 5/27/57 LAST NM 27/01 43/01
(Plan A)
Add Depth 2.3 meters Wk [K26] (PA)
59° 33′ 50″N 150° 45′ 28″E
(NTM0013/2001)

96441 1Ed. 5/27/57 LAST NM 43/01 41/02
(Plan A)
Delete Legend "Works in progress (1998)"
59° 33′ 40″N 150° 42′ 38″E

Add Depth 2 fathoms 4 feet Obstn [K41]
59° 33′ 43″N 150° 42′ 59″E
Depth 4 fathoms 2 feet Obstn [K41]
59° 33′ 43″N 150° 43′ 03″E

Depth 4 fathoms 59° 33′ 40″N 150° 42′ 34″E
Depth 3 fathoms 2 feet 59° 33′ 41″N 150° 42′ 48″E
Depth 4 fathoms 59° 33′ 45″N 150° 43′ 14″E
Depth 3 fathoms 5 feet 59° 33′ 47″N 150° 43′ 21″E
Depth 3 fathoms 5 feet 59° 33′ 48″N 150° 43′ 30″E
Depth 2 fathoms Wk [K26] 59° 33′ 41″N 150° 42′ 46″E
(15(2121, 2122)02 St. Petersburg)

96441 1Ed. 5/27/57 LAST NM 41/02 10/03
(Plan A)
Add Depth 0.8 meter Wk [K26] 59° 33′ 47″N 150° 44′ 09″E

Buoy YBY, pillar, double cone topmark points together, Q(9) 15s WHIS [Q130.3]
59° 29′ 58″N 150° 30′ 30″E
Buoy YBY, pillar, double cone topmark points together, Q(9) 15s WHIS [Q130.3]
59° 33′ 09″N 150° 45′ 54″E
(47(7296), 48(7491)01 St. Petersburg)

96441 1Ed. 5/27/57 LAST NM 10/03 50/03
(Plan A)
Add Purple dashed line with legend "Port Limit" [N49] joining 59° 33′ 14″N 150° 40′ 00″E
59° 32′ 00″N 150° 40′ 00″E
59° 32′ 55″N 150° 45′ 28″E
59° 33′ 51″N 150° 45′ 28″E
(18(2769)03 St. Petersburg)

96441 1Ed. 5/27/57 LAST NM 50/03 20/04
(Plan A)
Add Quarantine anchorage symbol [N12.8] "13"
59° 32′ 00″N 150° 30′ 00″E
(48(7944)03 St. Petersburg)

96441 1Ed. 5/27/57 LAST NM 20/04 51/05
(Plan B)
Add Wreck [K29] (PA) 59° 13′ 00″N 148° 58′ 00″E
(35(4890)05 St. Petersburg)

96441 1Ed. 5/27/57 LAST NM 51/05 12/10
(Plan A)
Delete Quarantine anchorage symbol "13"
59° 32′ 00″N 150° 30′ 00″E
Add Quarantine anchorage symbol [N12.8] "13"
59° 30′ 55″N 150° 33′ 18″E
(16(1951)09 St. Petersburg)

96441 1Ed. 5/27/57 LAST NM 12/10 36/10
(Plan A)
Add Stranded wreck [K24] 59° 33′ 09″N 150° 45′ 31″E
(32(4529)06 St. Petersburg)

★96460 2Ed. 8/2/97 NEW EDITION 40/97
Add "AREA 25 SEE CAUTION" bound by
purple dashed line joining 59° 33.4′ N 160° 29.8′ E
59° 39.0′ N 160° 27.0′ E
59° 56.0′ N 161° 14.0′ E
60° 24.0′ N 161° 40.0′ E
61° 24.0′ N 163° 39.0′ E
61° 39.0′ N 163° 52.0′ E
(NIMA; GIMM059/97)

96460 2Ed. 8/2/97 LAST NM 40/97 30/01
Add Purple dashed line between 61° 41.9′ N 163° 21.5′ E
61° 39.0′ N 163° 53.5′ E
Legend "AREA 29 SEE CAUTION"
62° 06.0′ N 163° 39.0′ E
(11(1473)01 St. Petersburg)

96460 2Ed. 8/2/97 LAST NM 30/01 45/01
Add Light Fl 5s 8M 61° 30.2′ N 156° 41.5′ E
Light Fl 3s 8M 61° 13.0′ N 156° 41.0′ E
Light Fl 4s 8M 60° 42.6′ N 155° 54.3′ E
Light Fl 5s 8M 61° 40.9′ N 160° 14.0′ E
(Rus CH 62191, 62192; BA LL)

★96480 3Ed. 9/23/95 NEW EDITION 46/95
(DMA)

96480 3Ed. 9/23/95 LAST NM 46/95 32/96
Add Submarine cable joining 57° 08.3′ N 156° 48.8′ E
57° 18.0′ N 156° 24.5′ E
58° 31.0′ N 152° 00.0′ E
(24(1995)96 Taunton)

96480 3Ed. 9/23/95 LAST NM 32/96 48/96
Substitute Light Oc 7s 109m 25M R Bn for R Bn 52° 54′ N 158° 43′ E
(Rus CH 61036; SMEA004/96)

96480 3Ed. 9/23/95 LAST NM 48/96 17/97
Add "AREA 24 CAUTION NO 3" bound by
purple dashed line joining 51° 50′ N 155° 52′ E
52° 24′ N 155° 16′ E
54° 24′ N 154° 40′ E
56° 33′ N 154° 40′ E
57° 11′ N 155° 12′ E
57° 11′ N 156° 19′ E
56° 46′ N 155° 48′ E
55° 25′ N 155° 21′ E
54° 57′ N 155° 29′ E
53° 42′ N 155° 47′ E
Caution No. 3 to CAUTIONS note
"3. Mariners are warned to exercise caution within the areas indicated. The detail of these areas has not been derived from adequate hydrographic surveys and uncharted dangers may exist." 53° 55′ N 156° 30′ E
(20(3002)96 St. Petersburg; GIMM059/96)

96480 3Ed. 9/23/95 LAST NM 17/97 18/97
Add R Bn 52° 26.0′ N 158° 30.2′ E
(BA RA)

96480 3Ed. 9/23/95 LAST NM 18/97 19/97
Add R Bn (PA) 52° 36.7′ N 158° 27.3′ E
(BA RA; Rus CH 61036)

96480 3Ed. 9/23/95 LAST NM 19/97 23/97
Delete Fog signal from light
DIA 50° 46.1′ N 156° 12.0′ E
NAUTO 50° 51.5′ N 156° 28.5′ E
(12(1084)97 Taunton; BA LL)

96480 3Ed. 9/23/95 LAST NM 23/97 31/97
Add Wreck 59° 04.8′ N 154° 37.3′ E
(11(1481)97 St. Petersburg)

96480 3Ed. 9/23/95 LAST NM 31/97 39/98
Add Buoys, each Y, pillar, "X" topmark,
Fl Y 5s
"3" 57° 15.1′ N 156° 38.1′ E
"4" 57° 20.3′ N 156° 26.2′ E
(42(6216)97 St. Petersburg)

96480 3Ed. 9/23/95 LAST NM 39/98 8/99
Add Disused submarine cable joining 59° 01.0′ N 152° 22.5′ E
58° 58.0′ N 152° 23.0′ E
58° 55.7′ N 152° 24.3′ E
58° 51.9′ N 152° 30.6′ E
58° 51.1′ N 152° 32.7′ E
58° 48.2′ N 152° 36.9′ E
(20(3009)98 St. Petersburg)

96480 3Ed. 9/23/95 LAST NM 8/99 46/00
Add Wreck [K29] 54° 44.4′ N 152° 04.7′ E
(30(4989)00 St. Petersburg)

96480 3Ed. 9/23/95 LAST NM 46/00 33/01
Change Visibility (range) of light to 12M 51° 29.2′ N 156° 29.6′ E
(17(2478)01 St. Petersburg)

96480 3Ed. 9/23/95 LAST NM 33/01 6/02
Delete Light 50° 50.0′ N 155° 39.0′ E
(Rus CH 62277)

96480 3Ed. 9/23/95 LAST NM 6/02 7/02
Change Light to Fl 6s 105m 22M R Bn 50° 46.0′ N 156° 12.0′ E
(Rus CH 62277; BA LL)

96480 3Ed. 9/23/95 LAST NM 7/02 8/02
Delete Light 50° 52.3′ N 156° 39.8′ E
Note: R Rn remains
(BA LL)

96480 3Ed. 9/23/95 LAST NM 8/02 41/02
Delete Depth 27 meters, blue tint and enclosing
depth contour in vicinity 54° 20.3′ N 155° 10.5′ E
Depth 22 meters, blue tint and enclosing
depth contour in vicinity 55° 01.6′ N 155° 05.0′ E
Depth 16 meters, blue tint and enclosing
depth contour in vicinity 55° 06.6′ N 155° 17.5′ E
Depth 20 meters, blue tint and enclosing
depth contour in vicinity 55° 13.2′ N 155° 05.5′ E
(22(3191)02 St. Petersburg)

96480 3Ed. 9/23/95 LAST NM 41/02 51/03
Add Depth 28 meters Obstn [K41] 53° 10.4′ N 155° 51.8′ E
(38(3515)99 Taunton)

96480 3Ed. 9/23/95 LAST NM 51/03 11/04
Delete R Bn 57° 11.0′ N 156° 35.0′ E
(25(3965)03 St. Petersburg)

96480 3Ed. 9/23/95 LAST NM 11/04 46/08
Change Light to Fl(2) 10s 146m 29M 52° 04.2′ N 158° 19.5′ E
(38(5720)07 St. Petersburg; BA LL)

96480 3Ed. 9/23/95 LAST NM 46/08 25/12
Add Danger circle "Obstn" [K40] 54° 48.9′ N 155° 26.7′ E
(22(3356)12 St. Petersburg)

★96500 6Ed. 6/17/95 NEW EDITION 32/95
(DMAHTC)

96500 6Ed. 6/17/95 LAST NM 32/95 44/95
Add Danger circle "Obstn" 52° 47.7′ N 159° 19.1′ E
Depth 65 meters Wk 52° 34.4′ N 158° 33.9′ E
(22(3197, 3198)95 St. Petersburg)

96500 6Ed. 6/17/95 LAST NM 44/95 34/96
Delete R Bn (AERO) (PA) 50° 49.5′ N 156° 25.9′ E
(BA RA)

96500 6Ed. 6/17/95 LAST NM 34/96 35/96
Delete Depth
45 meters 53° 02′ N 160° 00′ E
50 meters 53° 05′ N 160° 11′ E

Add Depth
130 meters Obstn 52° 50.5′ N 160° 13.7′ E
110 meters Obstn 52° 51.0′ N 160° 12.3′ E
177 meters Obstn 52° 52.2′ N 160° 12.5′ E
115 meters Obstn 52° 56.4′ N 159° 03.8′ E
18.4 meters Obstn 53° 03.2′ N 159° 02.5′ E
18.4 meters Obstn 52° 41.0′ N 158° 38.5′ E
99 meters 52° 58.1′ N 160° 01.4′ E

Wreck 52° 18.0′ N 160° 00.0′ E
52° 53.0′ N 159° 59.0′ E
52° 58.5′ N 159° 19.0′ E
53° 00.5′ N 159° 10.0′ E
53° 03.0′ N 159° 10.0′ E

Dangerous wreck 53° 06.7′ N 159° 12.1′ E

"AREA 296 ANCH AND FISH PROHIBITED"
bound by shore and purple composite line joining 52° 18.0′ N 158° 35.0′ E
52° 16.3′ N 158° 52.5′ E
52° 07.5′ N 158° 43.5′ E
52° 13.2′ N 158° 23.0′ E

Purple tint (traffic separation zone)
2.5 miles wide on centerline between
52° 40.8′ N 158° 46.0′ E
52° 18.0′ N 158° 46.5′ E

Purple heavy dashed line (outside limit of traffic lane)
between 52° 40.8′ N 158° 51.4′ E
52° 18.0′ N 158° 51.0′ E

between 52° 40.8′ N 158° 41.5′ E
52° 18.0′ N 158° 41.0′ E

Open-outlined arrow indicating flow of traffic oriented
000° 52° 30.5′ N 158° 49.5′ E
180° 52° 30.5′ N 158° 42.0′ E

Note
"NOTE
The Traffic Separation Scheme(s) on this chart is not approved by the International Maritime Organization (IMO)." 53° 03.0′ N 157° 21.0′ E

Legend "CHART 96521" 52° 36.0′ N 158° 18.0′ E
52° 26.0′ N 158° 12.0′ E
51° 32.0′ N 157° 30.0′ E
53° 39.0′ N 160° 05.0′ E
53° 18.5′ N 160° 05.0′ E
53° 12.0′ N 159° 39.0′ E
(DMA; Rus CH 61036)

96500 6Ed. 6/17/95 LAST NM 35/96 37/96
Delete Light 51° 42′ N 156° 30′ E
51° 58′ N 156° 29′ E

Change Light to Oc 7s 109m 25M R Bn 52° 53.5′ N 158° 42.2′ E

Add Light
Fl 3s 12M 53° 04.5′ N 158° 58.5′ E
L Fl 12s 22M 52° 53.9′ N 158° 38.7′ E
Fl 10M 52° 46.6′ N 158° 37.4′ E
Fl 6s 13M 52° 41.6′ N 158° 35.5′ E
Fl 4 1/2s 10M 52° 26.0′ N 158° 30.2′ E
Fl 4s 10M 52° 18.0′ N 158° 32.5′ E
(Rus CH 61036; SMEA004/96)

96500 6Ed. 6/17/95 LAST NM 37/96 18/97
Add R Bn at light 52° 26.0′ N 158° 30.2′ E
(BA RA)

96500 6Ed. 6/17/95 LAST NM 18/97 19/97
Add R Bn (PA) 52° 36.7′ N 158° 27.3′ E
(BA RA; Rus CH 61036)

96500 6Ed. 6/17/95 LAST NM 19/97 23/97
Delete NAUTO from light 50° 51.9′ N 156° 28.7′ E
(BA LL)

96500 6Ed. 6/17/95 LAST NM 23/97 15/98
Add Light Fl 5s 7M 51° 41.8′ N 156° 30.1′ E
(32(4729)97 St. Petersburg)

96500 6Ed. 6/17/95 LAST NM 15/98 8/99
Delete Light 50° 56.2′ N 156° 47.0′ E
51° 06.2′ N 156° 42.2′ E
(20(2983, 3007)98 St. Petersburg)

96500 6Ed. 6/17/95 LAST NM 8/99 46/00
Add Purple dashed-line circle "Unexploded ordnance Rep (2000)" 52° 49.0′ N 158° 44.2′ E
(30(4977)00 St. Petersburg)

96500 6Ed. 6/17/95 LAST NM 46/00 12/01
Add Light Fl 5s 9M 50° 56.2′ N 156° 46.5′ E
Light L Fl 6s 9M 51° 06.2′ N 156° 42.3′ E
(40(6633, 6646)00 St. Petersburg)

96500 6Ed. 6/17/95 LAST NM 12/01 15/01
Change Characteristic of light to Fl 6s 53° 06.0′ N 160° 01.9′ E
(BA LL)

96500 6Ed. 6/17/95 LAST NM 15/01 19/01
Add Depth 20 meters Obstn 52° 52.4′ N 158° 40.3′ E
(49(8200)00 St. Petersburg)

96500 6Ed. 6/17/95 LAST NM 19/01 33/01
Change Visibility (range) of light to 12M 51° 29.2′ N 156° 29.6′ E
(17(2478)01 St. Petersburg)

96500 6Ed. 6/17/95 LAST NM 33/01 6/02
Substitute Depth 12.4 meters for 15.6 meters 50° 35.5′ N 156° 24.3′ E
(Rus CH 62277)

96500 6Ed. 6/17/95 LAST NM 6/02 8/02
Delete Light 50° 52.3′ N 156° 39.8′ E
Note: R Bn remains
(BA LL)

96500 6Ed. 6/17/95 LAST NM 8/02 41/02
Add "CAUTION NO 6" area bound by purple dashed-line circle, radius 4 miles, centered
52° 47.0′ N 158° 57.0′ E

Caution No. 6 to CAUTIONS note
"6. Submerged obstructions exist in the area."
52° 50.0′ N 157° 20.0′ E

Purple dashed-line circle
"Unexploded ordnance" 52° 55.3′ N 158° 47.5′ E
(15(2113, 2114)02 St. Petersburg)

96500 6Ed. 6/17/95 LAST NM 41/02 10/03
Add Purple dashed-line circle
"Unexploded Ordnance" 52° 54.6′ N 159° 09.1′ E
Purple dashed-line circle
"Unexploded Ordnance" 52° 57.8′ N 159° 15.0′ E

(continued on next page)

96500 (Continued) 10/03
Wreck [K29] 52° 54.7′ N 160° 25.3′ E
Depth 310 meters 52° 46.2′ N 160° 19.0′ E
(48(7486)01, 32(4934), 34(5308)02 St. Petersburg)

96500 6Ed. 6/17/95 LAST NM 10/03 39/03
Add Depth 313 meters 52° 48.5′ N 160° 16.0′ E
(14(2066)03 St. Petersburg)

96500 6Ed. 6/17/95 LAST NM 39/03 8/04
Add Wreck [K29] (PA) 53° 04.5′ N 159° 27.2′ E
(24(3762)03 St. Petersburg)

96500 6Ed. 6/17/95 LAST NM 8/04 25/04
Change Visibility (range) of light to 9M 53° 04.5′ N 158° 58.5′ E
(52(8727)03 St. Petersburg)

96500 6Ed. 6/17/95 LAST NM 25/04 46/08
Change Visibility (range) of light to 29M 52° 04.0′ N 158° 19.0′ E
(38(5720)07 St. Petersburg)

96500 6Ed. 6/17/95 LAST NM 46/08 16/11
Change Visibility (range) of light to 9M 51° 29.2′ N 156° 29.4′ E
(23(3319)06 St. Petersburg)

★**96520** 7Ed. 7/22/95 NEW EDITION 43/95
(DMA)

96520 7Ed. 7/22/95 LAST NM 43/95 35/96
Delete Depth 50 meters 53° 04.5′ N 160° 11.5′ E

Substitute Purple dashed line for purple composite line joining 52° 59.9′ N 159° 10.0′ E
52° 58.6′ N 159° 18.0′ E
52° 54.2′ N 159° 10.0′ E

Change Caution No 3 of CAUTIONS note to "3. Reserved." 55° 24.0′ N 160° 02.0′ E

Add Depth
130 meters Obstn 52° 50.5′ N 160° 13.7′ E
110 meters Obstn 52° 50.7′ N 160° 12.5′ E
177 meters Obstn 52° 52.2′ N 160° 12.5′ E
99 meters 52° 58.1′ N 160° 01.4′ E

Dangerous wreck 53° 06.7′ N 159° 12.1′ E

Wreck 52° 58.5′ N 159° 19.0′ E
52° 53.0′ N 159° 59.0′ E
53° 00.5′ N 159° 10.0′ E
53° 03.0′ N 159° 10.0′ E

Legend "CHART 96521" 53° 40.0′ N 160° 05.0′ E
53° 18.0′ N 160° 12.0′ E
53° 11.5′ N 159° 41.5′ E
(DMA; Rus CH 61036)

96520 7Ed. 7/22/95 LAST NM 35/96 15/01
Change Characteristic of light to Fl 6s 53° 06.0′ N 160° 01.9′ E
(BA LL)

96520 7Ed. 7/22/95 LAST NM 15/01 10/03
Add Wreck [K29] 52° 54.7′ N 160° 25.3′ E
Depth 122 meters 56° 10.3′ N 163° 36.0′ E
Depth 130 meters 56° 09.5′ N 163° 33.6′ E
Depth 298 meters 56° 09.5′ N 163° 38.5′ E
Depth 85 meters 55° 53.6′ N 162° 10.3′ E
(32(4934), 34(5308)02 St. Petersburg)

96520 7Ed. 7/22/95 LAST NM 10/03 8/04
Add Wreck [K29] (PA) 53° 04.5′ N 159° 27.2′ E
(24(3762)03 St. Petersburg)

96520 7Ed. 7/22/95 LAST NM 8/04 20/04
Delete R Bn 54° 45.0′ N 162° 06.6′ E
(36(5870)03 St. Petersburg)

★**96521** 3Ed. 3/21/98 NEW EDITION 19/02
(NIMA)

96521 3Ed. 3/21/98 LAST NM N19/02 21/03
(Plan D)
Add Stranded wreck [K24] 53° 15′ 54″N 160° 01′ 48″E
(51(8033)02 St. Petersburg)

★**96540** 5Ed. 8/26/95 NEW EDITION 51/95
Add Depth 82 meters 59° 09.0′ N 166° 08.0′ E
(Previously published 35/95)

Delete Random mark 59° 01.2′ N 165° 01.0′ E

Change Caution No 2 of CAUTIONS note to "2. Reserved." 60° 00.5′ N 162° 24.0′ E

Add Obscured sector to light
184° -302° 59° 48.6′ N 166° 06.7′ E
232° -350° 59° 37.4′ N 164° 39.1′ E
(DMA; Rus LL)

96540 5Ed. 8/26/95 LAST NM 51/95 6/96
Change Light to Fl 8s 59m 18M NAUTO R Bn 57° 43.4′ N 163° 18.5′ E
(36(5273)95 St. Petersburg)

96540 5Ed. 8/26/95 LAST NM 6/96 17/97
Change Caution No. 2 of CAUTIONS note to "2. Mariners are warned to exercise caution within the areas indicated. The detail of these areas has not been derived from adequate hydrographic surveys and uncharted dangers may exist." 60° 00.0′ N 162° 39.0′ E

Add Purple dashed line joining 59° 04.0′ N 166° 20.0′ E
59° 04.0′ N 165° 54.0′ E
59° 14.0′ N 165° 54.0′ E
59° 14.0′ N 166° 20.0′ E

Legend "AREA 37 CAUTION NO 2" 59° 09.0′ N 166° 05.0′ E
(20(2999)96 St. Petersburg; GIMM059/96)

96540 5Ed. 8/26/95 LAST NM 17/97 8/99
Delete Light 59° 37.4′ N 164° 39.1′ E
(20(3000)98 St. Petersburg)

96540 5Ed. 8/26/95 LAST NM 8/99 14/01
Add Light Fl 4s 8M with visible sector 350° -232° 59° 37.1′ N 164° 38.8′ E
(46(7693)00 St. Petersburg)

96540 5Ed. 8/26/95 LAST NM 14/01 10/03
Substitute Depth 1452 meters for 2071 meters 57° 09.7′ N 163° 35.4′ E

Add Depth 122 meters 56° 10.3′ N 163° 36.0′ E
Depth 130 meters 56° 09.5′ N 163° 33.6′ E
Depth 298 meters 56° 09.5′ N 163° 38.5′ E
Depth 1773 meters 56° 36.6′ N 163° 34.3′ E
Depth 1863 meters 57° 13.7′ N 163° 35.9′ E
Depth 109 meters 59° 29.4′ N 166° 14.5′ E
(34(5308)02 St. Petersburg)

96540 5Ed. 8/26/95 LAST NM 10/03 11/04
Delete Depth 420 meters (no bottom found) 56° 43.7′ N 163° 33.9′ E
Depth 457 meters (no bottom found) 56° 40.2′ N 163° 34.8′ E
Depth 237 meters (no bottom found) 56° 35.2′ N 163° 34.1′ E
(31(5039)03 St. Petersburg)

96540 5Ed. 8/26/95 LAST NM 11/04 35/07
Delete R Bn at light 57° 43.4′ N 163° 18.5′ E
(NTM0011/2007)

96540 5Ed. 8/26/95 LAST NM 35/07 34/11
Delete Depth 145 meters 57° 15.1′ N 163° 25.4′ E
Depth 1040 meters 57° 15.5′ N 163° 27.6′ E
Depth 215 meters 57° 15.2′ N 163° 30.0′ E

Add Depth 130 meters 57° 31.4′ N 163° 25.5′ E
Depth 136 meters 57° 15.7′ N 163° 26.9′ E
(36(3846)02 Taunton)

★**96560** 5Ed. 7/1/95 NEW EDITION 32/95
(DMAHTC)

96560 5Ed. 7/1/95 LAST NM 32/95 51/95
Add Obscured sector to light
184° -302° 59° 48.6′ N 166° 06.7′ E
232° -350° 59° 37.4′ N 164° 39.1′ E
(Rus LL)

96560 5Ed. 7/1/95 LAST NM 51/95 17/97
Change CAUTION note to
"CAUTIONS
1. See Sailing Directions (Planning Guides) for regulations pertaining to navigation within the waters of the Russian Federation.
2. Mariners are warned to exercise caution within the areas indicated. The detail of these areas has not been derived from adequate hydrographic surveys and uncharted dangers may exist." 60° 39.0′ N 164° 58.0′ E

Add "AREA 37 CAUTION NO 2" bound by purple dashed line joining 59° 04.0′ N 165° 54.0′ E
59° 14.0′ N 165° 54.0′ E
59° 14.0′ N 166° 22.0′ E
59° 04.0′ N 166° 22.0′ E
(20(2999)96 St. Petersburg; GIMM059/96)

96560 5Ed. 7/1/95 LAST NM 17/97 8/99
Delete Light 59° 37.5′ N 164° 38.9′ E
(20(3000)98 St. Petersburg)

96560 5Ed. 7/1/95 LAST NM 8/99 14/01
Add Light Fl R 3s 3M 60° 32.9′ N 169° 13.2′ E

Light Fl 4s 8M with visible sector 350° -232°
59° 37.1′ N 164° 38.8′ E
(46(7693, 7695)00 St. Petersburg)

96560 5Ed. 7/1/95 LAST NM 14/01 10/03
Add Cautions note from Subsection I-2 60° 39.0′ N 164° 58.0′ E

Legend "CAUTION NO 3" between
59° 58.0′ N 166° 05.0′ E
59° 58.0′ N 166° 35.0′ E

Depth 109 meters 59° 29.4′ N 166° 14.5′ E
Depth 110 meters 59° 29.4′ N 166° 21.6′ E
Depth 166 meters 59° 48.5′ N 166° 52.9′ E
(16(2290), 34(5308)02 St. Petersburg)

96560 5Ed. 7/1/95 LAST NM 10/03 51/03
Add Light Fl 8s 18M 59° 54.3′ N 166° 23.9′ E
(38(3516)99 Taunton)

★**96580** 3Ed. 7/1/95 NEW EDITION 35/95
Change Caution note to
"CAUTION
See Sailing Directions (Planning Guides) for regulations pertaining to navigation within the waters of the Russian Federation." 61° 40.0′ N 171° 00.0′ E
(DMA)

96580 3Ed. 7/1/95 LAST NM 35/95 10/03
Add Depth 141 meters 61° 08.5′ N 174° 42.1′ E
Depth 155 meters 61° 09.3′ N 174° 43.8′ E
(34(5308)02 St. Petersburg)

★**96600** 4Ed. 7/6/96 NEW EDITION 36/96
(DMA)

96600 4Ed. 7/6/96 LAST NM 36/96 37/96
Delete Depth 9 meters 63° 20.6′ N 179° 22.6′ E
Anchorage symbol (large vessels) 62° 59.2′ N 179° 22.3′ E

Add Range light,
front Oc R 4s 7M 63° 03.8′ N 179° 20.5′ E
rear Fl R 3s 7M 63° 04.5′ N 179° 18.4′ E

Range line extending in 139° direction from above rear light dashed for 3 miles, thence solid for 2.2 miles

Legend "Lts 319° " along above range line 63° 01.0′ N 179° 25.1′ E

Light Fl R 3s 3M 63° 03.8′ N 179° 22.5′ E

Visible sector 223° -350° to light 62° 22.5′ N 179° 09.8′ E

Depth
19.2 meters 63° 02.8′ N 179° 31.5′ E
19.2 meters 62° 29.0′ N 179° 28.5′ E
14.2 meters 62° 27.1′ N 179° 21.0′ E

Pilot station symbol 63° 01.8′ N 179° 30.4′ E
Dangerous wreck 63° 03.5′ N 179° 23.7′ E
(Rus CH 62290; BA LL)

96600 4Ed. 7/6/96 LAST NM 37/96 51/96
Change CAUTION note to
"CAUTIONS
1. For details of regulations pertaining to navigation in the waters of the Russian Federation, see Sailing Directions.
2. Mariners are warned to exercise caution within the area indicated. The detail of this area has not been derived from adequate hydrographic surveys and uncharted dangers may exist." 63° 11′ N 176° 30′ E

Add Purple dashed line joining 62° 49.0′ N 178° 30.0′ W
62° 28.0′ N 179° 40.0′ W
63° 04.0′ N 179° 52.0′ W
63° 25.0′ N 179° 47.5′ E

Legend "AREA 41 CAUTION NO 2"
63° 15.0′ N 178° 50.0′ W
(GIMM059/96)

96600 4Ed. 7/6/96 LAST NM 51/96 33/01
Change Characteristic of light to Oc R 3s 63° 03.8′ N 179° 22.5′ E
(18(2650)01 St. Petersburg)

96600 4Ed. 7/6/96 LAST NM 33/01 8/13
Add Wreck [K29] "Rep" 61° 49.0′ N 176° 55.1′ E
(50(7667)12 St. Petersburg)

★**96620** 3Ed. 10/28/95 NEW EDITION 52/95
(DMA)

96620 3Ed. 10/28/95 LAST NM 52/95 37/96
Delete Depth
9 meters 63° 20.8′ N 179° 22.0′ E
11 meters 63° 24.0′ N 179° 23.0′ E
11 meters 63° 27.1′ N 179° 22.7′ E
11 meters 63° 28.8′ N 179° 16.2′ E
13 meters 63° 31.1′ N 179° 22.1′ E
9 meters 63° 32.8′ N 179° 16.1′ E
9 meters 63° 35.5′ N 179° 12.5′ E
11 meters 63° 36.0′ N 179° 19.5′ E
14.5 meters 63° 39.5′ N 179° 14.8′ E
9 meters 63° 40.6′ N 179° 11.3′ E
(Rus CH 62290)

96620 3Ed. 10/28/95 LAST NM 37/96 51/96
Add Purple dashed line joining 63° 08.0′ N 179° 55.0′ W
63° 39.0′ N 179° 35.0′ E
63° 39.0′ N 180° 00.0′
63° 58.0′ N 180° 00.0′
63° 58.0′ N 178° 30.0′ W
64° 17.0′ N 178° 30.0′ W
64° 17.0′ N 177° 55.0′ W

Legend "AREA 41 CAUTION NO 3"
63° 45.0′ N 179° 00.0′ W

Caution No 3 to CAUTIONS note
"3. Mariners are warned to exercise caution within the area indicated. The detail of this area has not been derived from adequate hydrographic surveys and uncharted dangers may exist." 65° 55.0′ N 178° 40.0′ E
(GIMM059/96)

96620 3Ed. 10/28/95 LAST NM 51/96 15/98
Change Fog signal of buoy to BELL 64° 37.2′ N 178° 10.5′ E
(32(4726)97 St. Petersburg)

96620 3Ed. 10/28/95 LAST NM 15/98 4/01
Delete Depth 2.6 meters "(rep 1851)" (PD)
64° 16.2′ N 178° 01.1′ W
Depth 29 meters 64° 52.8′ N 179° 25.0′ W
(NTM0055/2000)

96620 3Ed. 10/28/95 LAST NM 4/01 38/03
Delete Depth 14.5 meters 64° 24.1′ N 178° 50.2′ E

Add Depth 19.6 meters 64° 41.7′ N 179° 15.3′ E
Depth 8 meters 64° 30.2′ N 178° 46.3′ E

Depth 8.4 meters, blue tint and enclosing
depth contour (10-meter) 64° 29.8′ N 178° 47.6′ E
Depth 8.8 meters, blue tint and enclosing
depth contour (10-meter) 64° 29.1′ N 178° 50.3′ E

Depth 12.4 meters 64° 28.2′ N 178° 52.7′ E
Depth 11 meters 64° 26.3′ N 178° 52.4′ E
Depth 11.4 meters 64° 24.3′ N 178° 53.7′ E

Depth 9 meters, blue tint and enclosing
depth contour (10-meter) 64° 26.1′ N 178° 49.8′ E
Depth 7.6 meters, blue tint and enclosing
depth contour (10-meter) 64° 24.1′ N 178° 51.3′ E
Depth 9.4 meters, blue tint and enclosing
depth contour (10-meter) 64° 23.2′ N 178° 53.9′ E

Depth 12 meters 64° 21.7′ N 178° 55.2′ E
Depth 12.4 meters 64° 19.5′ N 178° 52.9′ E
Depth 13.8 meters 64° 18.3′ N 178° 57.1′ E
Depth 13 meters 64° 16.8′ N 178° 57.8′ E
Depth 18.2 meters 63° 47.8′ N 179° 07.3′ E
Depth 16.8 meters 63° 46.0′ N 179° 11.5′ E
Depth 17.4 meters 63° 44.4′ N 179° 11.3′ E
Depth 17.2 meters 63° 44.2′ N 179° 08.5′ E
Depth 16.8 meters 63° 44.0′ N 179° 00.7′ E
Depth 16 meters 63° 42.8′ N 179° 01.1′ E
Depth 18.6 meters 63° 42.8′ N 179° 10.1′ E
Depth 15.4 meters 63° 40.1′ N 179° 03.5′ E
Depth 18.8 meters 63° 40.1′ N 179° 05.4′ E
Depth 17.6 meters 63° 39.3′ N 179° 05.8′ E
(5(570, 571)03 St. Petersburg)

96620 3Ed. 10/28/95 LAST NM 38/03 11/04
Add Submarine cable [L30.1] between 64° 44.0′ N 177° 32.2′ E
64° 45.7′ N 177° 34.3′ E
(32(5166)03 St. Petersburg)

★**96621** 5Ed. 10/4/97 NEW EDITION 2/98
(NIMA)

96621 5Ed. 10/4/97 LAST NM 2/98 15/98
Change Fog signal of buoy to BELL 64° 36.9′ N 178° 10.2′ E
(32(4726)97 St. Petersburg)

96621 5Ed. 10/4/97 LAST NM 15/98 33/01
Add Range light, front 2 VQR 11M 64° 47′ 35″N 177° 34′ 05″E
Range light, rear Iso R 3s 11M 64° 47′ 42″N 177° 34′ 58″E

Range line extending in 253° direction from
above rear light
dashed for 3.4 miles, thence
solid for 7.6 miles

Legend "Lights in line 073°" along above
range line 64° 45′ 00″N 177° 14′ 45″E

Buoy "4A" RW, pillar, ball topmark, L Fl 6s
64° 45′ 30″N 177° 17′ 58″E
Buoy "4B" RW, pillar, ball topmark, L Fl 6s
64° 44′ 39″N 177° 11′ 40″E
(18(2650)01 St. Petersburg)

96621 5Ed. 10/4/97 LAST NM 33/01 10/03
Add Buoy RW, pillar, ball topmark, L Fl 6s
[Q130.5] 64° 44′ 06″N 176° 35′ 45″E
(16(2291)02 St. Petersburg)

96621 5Ed. 10/4/97 LAST NM 10/03 38/03
Substitute Depth 8 meters for 9 meters 64° 30′ 12″N 178° 46′ 28″E
Depth 8.4 meters for 9.5 meters
64° 29′ 46″N 178° 47′ 46″E

Add Depth 8.2 meters Obstn [K41] 64° 44′ 18″N 177° 31′ 34″E
Depth 8.8 meters 64° 29′ 06″N 178° 50′ 28″E
Depth 14.8 meters 64° 29′ 06″N 178° 53′ 41″E
Depth 12.4 meters 64° 28′ 14″N 178° 52′ 54″E
Depth 13 meters 64° 27′ 20″N 178° 54′ 59″E
Depth 11 meters 64° 26′ 21″N 178° 52′ 32″E
Depth 9 meters 64° 26′ 09″N 178° 49′ 56″E
Depth 11.4 meters 64° 24′ 16″N 178° 53′ 51″E
Depth 7.6 meters 64° 24′ 05″N 178° 51′ 31″E
Depth 12 meters 64° 21′ 40″N 178° 55′ 24″E
Depth 11.4 meters 64° 21′ 22″N 178° 55′ 18″E
Depth 13.8 meters 64° 18′ 20″N 178° 57′ 17″E
Depth 8.8 meters 64° 16′ 48″N 178° 57′ 58″E
(35(5405)01, 5(571)03 St. Petersburg)

96621 5Ed. 10/4/97 LAST NM 38/03 11/04
Add Submarine cable [L30.1] joining
64° 44′ 00″N 177° 32′ 10″E
64° 45′ 00″N 177° 33′ 24″E
64° 45′ 42″N 177° 34′ 16″E
(32(5166)03 St. Petersburg)

96621 5Ed. 10/4/97 LAST NM 11/04 44/04
Substitute Depth 2.2 meters for 4.5 meters
64° 40′ 52″N 177° 40′ 47″E
Depth 5.8 meters for 7.5 meters
64° 39′ 48″N 177° 40′ 08″E
(15(2234)04 St. Petersburg)

96621 5Ed. 10/4/97 LAST NM 44/04 16/11
Add Buoy BY, pillar, double cone topmark
points upward, Q [Q130.3] 64° 42.7′ N 177° 01.5′ E
(25(3206)10 St. Petersburg)

96621 5Ed. 10/4/97 LAST NM 16/11 19/11
Add Buoy "5" RW, pillar, ball topmark, L Fl
64° 43.8′ N 177° 05.0′ E

Buoy "8" R, pillar, can topmark, Fl R
64° 43.4′ N 176° 55.0′ E

Buoy "10" R, pillar, can topmark, Fl R
64° 44.1′ N 176° 50.0′ E
(37(5274)06 St. Petersburg)

96621 5Ed. 10/4/97 LAST NM 19/11 52/11
Change Buoy to BY, pillar, double cone topmark
points upward, Q BELL 64° 36.9′ N 178° 10.2′ E

Add Buoy "2" R, pillar, can topmark, QR BELL
64° 35.6′ N 177° 54.9′ E

Buoy YB, pillar, double cone topmark
points downward, Q(6) + L Fl 15s BELL
64° 37.4′ N 177° 51.7′ E

Buoy "4" R, pillar, can topmark, Fl R 3s BELL
64° 38.6′ N 177° 43.5′ E

Buoy YBY, pillar, double cone topmark
points together, Q(9) 15s BELL 64° 43.2′ N 177° 36.9′ E
Buoy BYB, pillar, double cone topmark
bases together, Q(3) 10s 64° 43.9′ N 177° 33.3′ E
Buoy BY, pillar, double cone topmark
points upward, Q 64° 44.4′ N 176° 37.9′ E

Buoy "14" R, pillar, can topmark, QR
64° 44.0′ N 176° 31.6′ E
Buoy "16" R, pillar, can topmark, Fl R 3s
64° 45.7′ N 176° 25.1′ E
(42(5938)08 St. Petersburg)

★**96640** 5Ed. 1/14/95 NEW EDITION 24/95
Delete Light 64° 22.8′ N 173° 25.5′ W

Add Height 48m to light 64° 15.7′ N 172° 57.5′ W

Light Fl 3s 33m 8M 64° 20.6′ N 173° 31.6′ W
(DMAHTC; BA LL)

96640 5Ed. 1/14/95 LAST NM 24/95 51/96
Change CAUTION note to
"CAUTIONS
1. A prohibited area, in which anchoring, fishing, trawling, navigating with a trailing anchor, and underwater operations are prohibited, extends across the entrance to Bukhta Komsommol'skaya (Bukhta Emma).
2. Mariners are warned to exercise caution within the area indicated. The detail of this area has not been derived from adequate hydrographic surveys and uncharted dangers may exist." 64° 51′ N 173° 48′ W

Add Purple dashed line joining 63° 58.0′ N 179° 00.0′ W
63° 58.0′ N 178° 30.0′ W
64° 17.0′ N 178° 30.0′ W
64° 17.0′ N 176° 30.0′ W
64° 50.0′ N 176° 30.0′ W
64° 15.0′ N 174° 34.0′ W
64° 00.0′ N 174° 34.0′ W
63° 55.0′ N 174° 50.0′ W
63° 40.0′ N 175° 42.0′ W

Legend "AREA 41 CAUTION NO 2"
64° 00.0′ N 176° 30.0′ W

Dashed line (recommended route) with legend
"ROUTE 7 (Northeastward)" between 63° 40.0′ N 175° 22.5′ W
64° 05.0′ N 173° 57.0′ W

"ROUTE 8 (Southwestward)" between 64° 09.0′ N 174° 03.5′ W
63° 40.0′ N 175° 37.0′ W
(GIMM059/96)

96640 5Ed. 1/14/95 LAST NM 51/96 27/00
Change Visibility (range) of light to 14M 64° 24.3′ N 172° 14.2′ W
(BA LL)

96640 5Ed. 1/14/95 LAST NM 27/00 4/01
Delete Depth 2.6 meters "Rep 1851" (ED)
64° 16.2′ N 178° 01.1′ W
(NTM0055/2000)

96640 5Ed. 1/14/95 LAST NM 4/01 5/01
Add R Bn [S10] at light 64° 25.2′ N 173° 15.5′ W
(BA CH 1231; BA RA)

96640 5Ed. 1/14/95 LAST NM 5/01 7/01
Change Light to L Fl 6s 28m 14M 64° 24.3′ N 172° 14.2′ W
(Supersedes 27/00-96640)
(43(7172)00 St. Petersburg)

96640 5Ed. 1/14/95 LAST NM 7/01 13/01
Delete R Bn at light 65° 04.0′ N 172° 05.7′ W
(44(7355)00 St. Petersburg)

96640 5Ed. 1/14/95 LAST NM 13/01 30/01
Delete Depth 41 meters 64° 46.1′ N 171° 35.0′ W
Depth 45 meters 64° 55.7′ N 171° 39.5′ W
Depth 27 meters 64° 52.2′ N 171° 38.5′ W
Depth 56 meters 64° 48.6′ N 171° 39.0′ W

Add Light Fl 5s 13M Ra Ref 65° 30.4′ N 171° 38.8′ W
Light Fl 5s 10M 65° 28.7′ N 172° 04.2′ W
Light L Fl 10s 10M 64° 46.0′ N 172° 03.8′ W
Light Fl 10s 9M 64° 54.6′ N 172° 30.3′ W
Light Fl 2.5s 6M 64° 40.6′ N 172° 43.4′ W
Light L Fl 5s 10M 64° 36.7′ N 172° 20.2′ W
Depth 11 meters 65° 16.0′ N 171° 41.4′ W
Depth 20 meters 65° 15.7′ N 171° 30.8′ W
Depth 17.4 meters 65° 13.4′ N 171° 41.0′ W
Depth 20 meters 65° 03.8′ N 171° 32.6′ W
Depth 15 meters 64° 57.6′ N 171° 50.0′ W
Depth 15 meters 64° 56.2′ N 171° 42.0′ W
Depth 17.6 meters 64° 52.6′ N 171° 38.5′ W
Depth 17.4 meters 64° 50.2′ N 171° 38.2′ W
Depth 17.6 meters 64° 47.5′ N 171° 42.4′ W
Depth 18.6 meters 64° 45.6′ N 171° 46.1′ W
Depth 45.5 meters 63° 48.4′ N 173° 17.0′ W
Depth 15 meters (SD) 63° 57.4′ N 171° 42.0′ W
Depth 20 meters (SD) 63° 56.0′ N 171° 28.6′ W
Depth 20 meters (SD) 63° 52.5′ N 171° 43.0′ W
Depth 20 meters (SD) 63° 51.9′ N 171° 46.8′ W
Depth 22 meters (SD) 63° 48.4′ N 172° 01.6′ W
Depth 22 meters (SD) 63° 43.4′ N 172° 45.0′ W
Legend "Shoal extending NW" 64° 53.5′ N 171° 48.5′ W
(Rus CH 62295, 62296; BA LL)

96640 5Ed. 1/14/95 LAST NM 30/01 6/02
Add Chartlet A, depicting changes in hydrography, from Subsection I-2 65° 17.0′ N 172° 48.0′ W
Chartlet B, depicting changes in hydrography, from Subsection I-2 64° 43.0′ N 172° 48.0′ W
(Rus CH 62296)

96640 5Ed. 1/14/95 LAST NM 6/02 15/04
Delete R Bn 64° 24.3′ N 172° 15.0′ W
R Bn 64° 20.4′ N 173° 34.3′ W
R Bn 64° 25.3′ N 173° 15.2′ W
(See 6/02-96640)
(34(5550-5552)03 St. Petersburg)

★96645 1Ed. 1/16/88 NEW CHART 14/88
(DMAHTC)

96645 1Ed. 1/16/88 LAST NM 14/88 33/88
Change Legend to "Lights in line 051° 54′ "
64° 23.3′ N 173° 20.5′ W
(24(4565)88 Leningrad)

96645 1Ed. 1/16/88 LAST NM 33/88 5/01
Delete Note 64° 31′ 18″N 173° 30′ 00″W

Substitute Depth 5.5 meters Wk [K26] for dangerous wreck 64° 25′ 23″N 173° 13′ 17″W
Depth 1.3 meters Wk [K26] for dangerous wreck 64° 26′ 17″N 173° 11′ 21″W

Purple dashed line (regulated area limit) for dashed line joining 64° 24′ 50″N 173° 14′ 34″W
64° 25′ 00″N 173° 12′ 36″W
64° 23′ 35″N 173° 12′ 51″W

Change Light to Fl 6s 73m 14M 64° 17′ 27″N 173° 11′ 27″W

Legend to "AREA NO 289 CAUTION NO 1"
64° 24′ 33″N 173° 15′ 24″W
Legend to "AREA NO 290 CAUTION NO 1"
64° 24′ 33″N 173° 15′ 24″W

Add Pilot station symbol [T1.1] 64° 24′ 00″N 173° 17′ 19″W
R Bn [S10] at range light, front
64° 25′ 07″N 173° 14′ 57″W

Quarantine anchorage symbol [N12.8]
64° 22′ 15″N 173° 20′ 37″W
(BA CH 1231; BA LL; BA RA)

96645 1Ed. 1/16/88 LAST NM 5/01 26/02
Substitute Depth 5 meters, blue tint and enclosing depth contour (5-meter) for 5.5 meters
64° 25′ 22″N 173° 13′ 05″W

Add Depth 11.8 meters 64° 26′ 05″N 173° 11′ 45″W
Depth 6.7 meters 64° 25′ 19″N 173° 13′ 14″W

Depth 5 meters, blue tint and enclosing depth contour (5-meter) centered
64° 25′ 48″N 173° 11′ 43″W
Depth 4.7 meters, blue tint and enclosing depth contour (5-meter) centered
64° 25′ 48″N 173° 10′ 23″W
(8(947)02 St. Petersburg)

96645 1Ed. 1/16/88 LAST NM 26/02 15/04
Delete R Bn 64° 20′ 15″N 173° 34′ 45″W
R Bn 64° 25′ 06″N 173° 15′ 00″W
(34(5551, 5552)03 St. Petersburg)

★96660 4Ed. 11/26/94 NEW EDITION 18/95
(Previously Limited Distribution)

Delete Warning note 66° 03′ N 172° 00′ W

Add Obscured sector 010° -215° to light 66° 00.9′ N 169° 43.5′ W
(DMAHTC; BA LL)

96

96660 4Ed. 11/26/94 LAST NM 18/95 30/95
Delete Light 66° 34′ N 171° 09′ W
66° 57′ N 171° 42′ W

Add Light
Fl 5s 9M 66° 46.1′ N 171° 22.6′ W
Fl 6s 10M 66° 33.4′ N 171° 03.4′ W
(BA LL; Rus CH 14434)

96660 4Ed. 11/26/94 LAST NM 30/95 32/95
Delete Depth
11.2 meters 66° 58.9′ N 172° 09.0′ W
22 meters 67° 18.4′ N 173° 48.2′ W
20 meters 67° 13.3′ N 173° 00.0′ W
17 meters 67° 11.6′ N 172° 43.2′ W
20 meters 67° 04.2′ N 172° 15.0′ W
15 meters 67° 01.8′ N 171° 48.4′ W

Position circle "Tr" 67° 03.0′ N 172° 46.0′ W

Add Depth
17.6 meters 67° 11.8′ N 173° 15.5′ W
23.4 meters 67° 07.0′ N 172° 57.4′ W
19.4 meters 67° 19.0′ N 173° 48.2′ W
32.5 meters 67° 13.6′ N 172° 58.5′ W
33.5 meters 67° 10.4′ N 172° 41.0′ W
7 meters 67° 03.4′ N 172° 48.3′ W
11.8 meters 66° 59.2′ N 172° 09.2′ W
29.8 meters 67° 03.7′ N 172° 14.6′ W
36.5 meters 67° 01.1′ N 171° 48.5′ W

Light Fl 6s 11M 67° 02.9′ N 172° 47.4′ W

Beacon 66° 58.5′ N 171° 55.2′ W

Beacon with Ra Ref 67° 02.2′ N 172° 57.5′ W

Note
"NOTE
Later date sources indicate extensive changes in hydrography, topography and aids to navigation within the area covered by this chart." 65° 57.0′ N 172° 03.0′ W

(And Plan)
Substitute Beacon for light 66° 09.6′ N 169° 48.1′ W
(Rus CH 12433, 14443)

96660 4Ed. 11/26/94 LAST NM 32/95 8/99
Delete Light 66° 00.9′ N 170° 04.2′ W
(25(3727)98 St. Petersburg)

96660 4Ed. 11/26/94 LAST NM 8/99 7/01
Delete R Bn at light 66° 01.0′ N 169° 43.0′ W
(43(7170)00 St. Petersburg)

96660 4Ed. 11/26/94 LAST NM 7/01 20/01
Add Dashed-line circle with legend "Subm buoy (cov 47m)" 66° 19.6′ N 168° 58.0′ W
(1/01 CG17)

96660 4Ed. 11/26/94 LAST NM 20/01 36/03
Change Legend to "Subm buoy (cov 45m)" 66° 19.6′ N 168° 58.0′ W
(NTM0022/2003)

★**96660** 4Ed. 11/26/94 LAST NM 36/03 41/07
Substitute Dotted-line circle "Subm buoy (cov 14m)" for dashed-line circle "Subm...45m)" 66° 19.6′ N 168° 57.9′ W

Add Dotted-line circle "Subm buoy (cov 29m)" 65° 51.9′ N 169° 16.9′ W
Dotted-line circle "Subm buoy (cov 16m)" 65° 54.0′ N 169° 25.9′ W
Dashed-line circle "Subm buoy (cov 36m)" 65° 56.0′ N 169° 36.8′ W
(NTM0025/2007)

96660 4Ed. 11/26/94 LAST NM 41/07 41/09
Substitute Dotted-line circle "Subm buoy (cov 17m)" for dotted-line circle "Subm...14m)" 66° 19.6′ N 168° 57.9′ W

Dashed-line circle "Subm buoy (cov 32m)" for dotted-line circle "Subm...29m)" 65° 52.0′ N 169° 17.0′ W

Dotted-line circle "Subm buoy (cov 17m)" for dotted-line circle "Subm...16m)" 65° 54.0′ N 169° 26.0′ W

Dashed-line circle "Subm buoy (cov 31m)" for dashed-line circle "Subm...36m)" 65° 56.0′ N 169° 37.0′ W
(NTM0041/2009)

★**96680** 4Ed. 2/18/95 NEW EDITION 18/95
(Previously Limited Distribution)

Delete Light 67° 28.7′ N 174° 38.4′ W
(Previously published 11/95)

Delete Legend "LIMITED DISTRIBUTION" in upper left margin of chart

Limited Distribution note in lower right margin of chart
(DMAHTC)

96680 4Ed. 2/18/95 LAST NM 18/95 22/95
(And Plan)
Delete Light 67° 51.5′ N 175° 50.5′ W
(24(3622)93 St. Petersburg)

96680 4Ed. 2/18/95 LAST NM 22/95 32/95
Delete Depth
22 meters 67° 18.4′ N 173° 48.2′ W
20 meters 67° 13.3′ N 173° 00.0′ W

Add Depth
17.6 meters 67° 11.8′ N 173° 15.5′ W
19.4 meters 67° 19.0′ N 173° 48.2′ W
32.5 meters 67° 13.6′ N 172° 58.5′ W

Beacon with Ra Ref 67° 02.2′ N 172° 57.5′ W

Note
"NOTE
Later date sources indicate extensive changes in hydrography, topography and aids to navigation within the area covered by this chart." 67° 03.0′ N 176° 50.0′ W
(Rus CH 14433)

★**96681** 1Ed. 6/20/13 NEW CHART N42/13
(NGA)

★**96700** 4Ed. 11/19/94 NEW EDITION 24/95
(Previously Limited Distribution)

Delete Warning note 68° 12.5′ N 179° 54.0′ E

Legend "LIMITED DISTRIBUTION" in upper left margin of chart

Limited Distribution note in lower right margin of chart

Light 69° 10.7′ N 179° 27.6′ E

Change Light to
Fl 9s 10M Ra Ref 69° 24.7′ N 178° 43.0′ E
L Fl 10s 20M 68° 55.6′ N 179° 29.0′ W

Add Light
Fl(2) 5s 10M Ra Ref 69° 13.7′ N 179° 25.0′ E
Fl 6s 10M Ra Ref 69° 10.2′ N 179° 32.7′ E
(DMAHTC; Rus CH 14427)

96700 4Ed. 11/19/94 LAST NM 24/95 29/00
Add Light 2 Fl 12M 69° 26.6′ N 178° 30.3′ E

Range line extending in 022° 36′ direction from above light
dashed for 0.8 mile,
thence solid for 6 miles

Legend "Lts 202° 36′ " along above range line 69° 30.5′ N 178° 31.1′ E

Light Fl 5s 14M Ra Ref 69° 27.4′ N 178° 07.6′ E
Dangerous wreck [K28] "Rep (1947)" 69° 31.1′ N 178° 41.2′ E
(Rus CH 12429)

96700 4Ed. 11/19/94 LAST NM 29/00 7/01
Delete Light 68° 55.6′ N 179° 29.0′ W
(43(7092)00 St. Petersburg)

★**96720** 3Ed. 3/4/95 NEW EDITION 21/95
(Previously Limited distribution)

Add Legend "SEE PLAN" 70° 56.0′ N 178° 30.0′ W
Depth 18.5 meters 70° 50.0′ N 178° 26.5′ E
(DMAHTC; 37(5635)93 St. Petersburg)

96720 3Ed. 3/4/95 LAST NM 21/95 29/00
Add Dangerous wreck [K28] "Rep (1947)"
69° 31.1′ N 178° 41.2′ E
(Rus CH 12429)

96720 3Ed. 3/4/95 LAST NM 29/00 31/00
Add Light Fl 2½s 8M Ra Ref 70° 58.2′ N 178° 32.0′ W

Depth 4.1 meters, blue tint and enclosing dotted-line circle with legend "Banka Chevykalaova" 71° 21.9′ N 178° 53.4′ E

(Plan)
Add Chartlet, depicting graphic scale in upper right margin of plan, from Subsection I-2

Distance and bearing from position circle in left center of plan

Add Light Fl 2½s 8M Ra Ref (PA), 600 meters 291°
(NIMA; Rus CH 12430)

★**96740** 12Ed. 11/4/95 NEW EDITION 52/95
(DMA)

96740 12Ed. 11/4/95 LAST NM 52/95 17/97
Change CAUTION note to
"CAUTIONS
1. See Sailing Directions (Planning Guides) for regulations pertaining to navigation within the waters of the Russian Federation.
2. Mariners are warned to exercise caution within the areas indicated. The detail of these areas has not been derived from adequate hydrographic surveys and uncharted dangers may exist." 56° 02′ N 169° 24′ E

Add "AREA 34 CAUTION NO 2" bound by purple dashed line joining 55° 20.0′ N 167° 32.0′ E
55° 28.0′ N 167° 32.0′ E
55° 28.0′ N 167° 06.0′ E
55° 20.0′ N 167° 06.0′ E

Purple dashed line joining 55° 41.0′ N 165° 00.0′ E
55° 35.0′ N 165° 33.0′ E
55° 27.0′ N 165° 28.0′ E
55° 33.0′ N 165° 00.0′ E

Legend
"AREA 32 CAUTION NO 2" 55° 33.5′ N 165° 17.0′ E
(20(3000)96 St. Petersburg; GIMM059/96)

96740 12Ed. 11/4/95 LAST NM 17/97 19/06
Delete Islet 54° 58.2′ N 165° 54.2′ E
Islet 54° 55.3′ N 166° 05.2′ E
(Rus CH 64201)

96740 12Ed. 11/4/95 LAST NM 19/06 3/13
Delete Purple dashed-line area and legend "AREA 32 CAUTION NO 2" in vicinity 55° 34.0′ N 165° 14.0′ E
(46(6965)12 St. Petersburg)

★**96760** 4Ed. 12/16/95 NEW EDITION 13/96
(DMA)

96760 4Ed. 12/16/95 LAST NM 13/96 41/96
Change Light to L Fl 9M BELL 43° 39.6′ N 145° 32.5′ E
(34(2858)96 Taunton)

96760 4Ed. 12/16/95 LAST NM 41/96 43/96
Delete R Bn 43° 31.7′ N 146° 11.8′ E

Add Light Fl 9M R Bn 43° 31.8′ N 146° 12.6′ E
(36(3014)96 Taunton; USSR CH 1077)

96760 4Ed. 12/16/95 LAST NM 43/96 45/96
Add Wreck 42° 49.6′ N 144° 53.8′ E
(38(1843)96 Tokyo)

96760 4Ed. 12/16/95 LAST NM 45/96 18/97
Add R Bn at light 43° 39.5′ N 145° 32.5′ E
(BA RA)

96760 4Ed. 12/16/95 LAST NM 18/97 20/97
Delete HORN from light 42° 57.6′ N 144° 22.1′ E
(11(463)97 Tokyo)

96760 4Ed. 12/16/95 LAST NM 20/97 23/97
Delete R Bn at light 43° 52.7′ N 146° 49.3′ E
(BA LL)

96760 4Ed. 12/16/95 LAST NM 23/97 41/97
Add Wreck 42° 30.6′ N 143° 42.1′ E
(28(1287)97 Tokyo)

96760 4Ed. 12/16/95 LAST NM 41/97 47/97
Delete Depth
28 meters 43° 42.5′ N 146° 27.3′ E
117 meters "Rep (1975)" (ED) 43° 30.4′ N 146° 57.7′ E

Substitute Depth 20 meters for 70 meters 43° 20.0′ N 146° 05.0′ E

Add Stranded wreck 41° 59.8′ N 143° 09.4′ E

Purple tint area (traffic separation zone) bound by limit joining 43° 47.0′ N 146° 29.6′ E
43° 37.7′ N 146° 34.2′ E
43° 37.3′ N 146° 33.2′ E
43° 46.6′ N 146° 29.0′ E

Purple heavy dashed line (outside limit of traffic lane)
between 43° 48.0′ N 146° 32.0′ E
43° 39.2′ N 146° 36.0′ E

between 43° 45.7′ N 146° 26.5′ E
43° 35.6′ N 146° 31.6′ E

Open-outlined arrow indicating flow of traffic oriented
343° 43° 43.6′ N 146° 32.5′ E
163° 43° 40.5′ N 146° 30.5′ E

Note
"NOTE
The Traffic Separation Scheme on this chart is not approved by the International Maritime Organization (IMO)."
42° 20.0′ N 143° 00.0′ E

Depth
21.5 meters 43° 43.0′ N 146° 27.5′ E
21 meters 43° 44.0′ N 146° 29.0′ E
47.5 meters 43° 40.5′ N 146° 34.6′ E
42.5 meters 43° 49.8′ N 146° 57.5′ E
(40(1770)97 Tokyo; Rus CH 61018)

96760 4Ed. 12/16/95 LAST NM 47/97 9/98
Add Light Fl 5s 10M BELL 43° 23.8′ N 145° 51.5′ E
(Jpn CH 42; Jpn LL)

96760 4Ed. 12/16/95 LAST NM 9/98 11/98
Add Light Iso R 12M 42° 07.4′ N 142° 54.6′ E
(43(1879)97 Tokyo)

96760 4Ed. 12/16/95 LAST NM 11/98 1/99
Add Wreck 42° 54.8′ N 144° 59.7′ E
(39(1620)98 Tokyo)

96760 4Ed. 12/16/95 LAST NM 1/99 2/99
Add Wreck 43° 13.6′ N 145° 47.3′ E
(43(1780)98 Tokyo)

96760 4Ed. 12/16/95 LAST NM 2/99 6/99
Add Wreck 43° 55.0′ N 145° 21.9′ E
(51(2096)98 Tokyo)

96760 4Ed. 12/16/95 LAST NM 6/99 8/99
Add Wreck 43° 18.2′ N 146° 10.4′ E
(1(1)99 Tokyo)

96760 4Ed. 12/16/95 LAST NM 8/99 14/99
Add Light Fl R 3s 13m 9M 42° 09.9′ N 142° 45.5′ E
(51(2185)97 Tokyo)

96760 4Ed. 12/16/95 LAST NM 14/99 15/99
Add Wreck 42° 02.2′ N 142° 53.9′ E
(8(296)99 Tokyo)

96760 4Ed. 12/16/95 LAST NM 15/99 45/99
Delete Stranded wreck 41° 59.8′ N 143° 09.4′ E
(39(1604)99 Tokyo)

96760 4Ed. 12/16/95 LAST NM 45/99 51/00
Add Submarine cable [L30.1] joining 41° 40.1′ N 144° 20.5′ E
41° 40.8′ N 144° 22.4′ E
41° 41.7′ N 144° 24.8′ E
41° 43.7′ N 144° 30.3′ E
41° 49.0′ N 145° 05.5′ E
41° 57.6′ N 145° 03.4′ E
42° 05.1′ N 144° 57.9′ E
42° 10.4′ N 144° 59.6′ E
42° 14.7′ N 144° 50.1′ E
42° 15.8′ N 144° 47.7′ E
42° 24.1′ N 144° 30.0′ E
42° 50.0′ N 144° 01.0′ E
42° 53.9′ N 143° 57.6′ E

Danger circle [K1] "Seismometer" 42° 15.8′ N 144° 47.7′ E
Danger circle [K1] "Tsunami meter"
42° 14.7′ N 144° 50.1′ E
Danger circle [K1] "Seismometer" 41° 57.6′ N 145° 03.4′ E
Danger circle [K1] "Tsunami meter"
41° 41.7′ N 144° 24.8′ E
Danger circle [K1] "Seismometer" 41° 40.8′ N 144° 22.4′ E
(30(1067)00 Tokyo)

96760 4Ed. 12/16/95 LAST NM 51/00 33/01
Add Fish haven symbol [K46.1] 42° 36.2′ N 143° 45.2′ E
(16(546)00 Tokyo)

96760 4Ed. 12/16/95 LAST NM 33/01 5/02
Change Color of buoy to YBY 43° 42.2′ N 146° 24.8′ E

Add Light L Fl 9M 43° 27.2′ N 145° 56.9′ E
Light Fl 9M 43° 26.0′ N 146° 04.2′ E
Light Fl 9M Ra Ref 43° 37.5′ N 146° 16.4′ E
Light Fl 8M R Bn 43° 44.0′ N 146° 42.6′ E
(Rus CH 62272)

96760 4Ed. 12/16/95 LAST NM 5/02 7/02
Delete Light 43° 52.7′ N 146° 49.3′ E

Add Light Fl 22M 43° 52.5′ N 146° 48.8′ E
(Rus CH 62272; BA LL)

96760 4Ed. 12/16/95 LAST NM 7/02 29/02
Change Visibility (range) of light to 19M 42° 58.2′ N 144° 22.4′ E
(Jpn LL)

96760 4Ed. 12/16/95 LAST NM 29/02 35/02
Delete Horn from light 42° 09.7′ N 142° 46.8′ E

Change Visibility (range) of light to 10M 42° 09.9′ N 142° 45.5′ E
(1(1), 52(1946)01 Tokyo)

96760 4Ed. 12/16/95 LAST NM 35/02 45/02
Add Depth 20 meters, blue tint and enclosing
depth contour (20-meter) centered 43° 20.2′ N 146° 02.2′ E
(38(1598)98 Tokyo)

96760 4Ed. 12/16/95 LAST NM 45/02 17/04
Delete Depth 1230 meters 41° 28.0′ N 144° 17.0′ E
(7(186)04 Tokyo)

96760 4Ed. 12/16/95 LAST NM 17/04 8/05
Add Wreck [K29] 43° 06.6′ N 145° 33.8′ E
Wreck [K29] 42° 50.9′ N 145° 01.3′ E
(51(1321)04, 2(34)05 Tokyo)

96760 4Ed. 12/16/95 LAST NM 8/05 11/05
Add Fish haven symbol [K46.1] 43° 02.9′ N 145° 17.3′ E
Fish haven symbol [K46.1] 42° 38.9′ N 143° 48.3′ E
(49(1256)04, 4(97)05 Tokyo)

96760 4Ed. 12/16/95 LAST NM 11/05 19/05
Add Fish haven symbol [K46.1] 42° 15.8′ N 143° 26.8′ E
(13(360)05 Tokyo)

96760 4Ed. 12/16/95 LAST NM 19/05 24/05
Delete DIA from light 41° 55.5′ N 143° 14.6′ E

Add Submarine cable [L30.1] joining 42° 54.6′ N 144° 23.8′ E
42° 56.8′ N 144° 22.4′ E
42° 58.1′ N 144° 23.4′ E

Danger circle [K1] "Oceanometer" 42° 54.6′ N 144° 23.8′ E
(17(494), 18(506)05 Tokyo)

96760 4Ed. 12/16/95 LAST NM 24/05 27/05
Add Fish haven symbol [K46.1] 42° 35.0′ N 143° 45.1′ E
(19(535)05 Tokyo)

96760 4Ed. 12/16/95 LAST NM 27/05 38/05
Add Fish haven symbol [K46.1] 43° 03.2′ N 145° 16.8′ E
(29(866)05 Tokyo)

96760 4Ed. 12/16/95 LAST NM 38/05 24/08
Delete R Bn at light 42° 58.2′ N 144° 22.4′ E
Danger circle "Wave Recorder" 42° 54.1′ N 144° 45.6′ E

Submarine cable between 42° 56.0′ N 144° 45.6′ E
42° 54.1′ N 144° 45.6′ E
(8(247), 17(517)08 Tokyo)

96760 4Ed. 12/16/95 LAST NM 24/08 32/08
Delete Ramark at light 42° 56.8′ N 144° 51.9′ E
(25(867)08 Tokyo)

96760 4Ed. 12/16/95 LAST NM 32/08 36/09
Change Visibility (range) of light to 15M 43° 16.7′ N 145° 35.3′ E
(22(923)09 Tokyo)

96760 4Ed. 12/16/95 LAST NM 36/09 38/09
Change Visibility (range) of light to 5M 42° 57.7′ N 144° 22.1′ E
(31(1344)09 Tokyo)

96760 4Ed. 12/16/95 LAST NM 38/09 44/09
Delete Ramark at light 43° 23.1′ N 145° 49.0′ E
(30(1291)09 Tokyo)

★**96762** 4Ed. 9/13/03 NEW EDITION 50/03
(NGA)

96762 4Ed. 9/13/03 LAST NM 50/03 16/04
Delete Light 42° 58′ 35″N 144° 21′ 19″E

Change Light to Iso R 6s 11M HORN 42° 58′ 41″N 144° 20′ 58″E

Add Solid line (breakwater) [F4.1] joining
42° 58′ 41″N 144° 20′ 58″E
42° 58′ 37″N 144° 21′ 11″E
42° 58′ 31″N 144° 21′ 16″E
(6(151)04 Tokyo)

96762 4Ed. 9/13/03 LAST NM 16/04 8/05
Add Wreck [K29] 42° 50′ 54″N 145° 01′ 18″E
(2(34)05 Tokyo)

96762 4Ed. 9/13/03 LAST NM 8/05 19/05
Add Fish haven symbol [K46.1] 43° 00′ 42″N 144° 48′ 00″E
(13(361)05 Tokyo)

96762 4Ed. 9/13/03 LAST NM 19/05 24/05
Delete Horn from buoy 43° 00′ 36″N 144° 49′ 36″E

Relocate Buoy from 42° 58′ 48″N 144° 17′ 35″E to
42° 58′ 48″N 144° 17′ 24″E

(continued on next page)

96762 (Continued) 24/05
Add Submarine cable [L30.1] joining
42° 54′ 36″N 144° 23′ 48″E
42° 56′ 48″N 144° 22′ 24″E
42° 58′ 00″N 144° 23′ 12″E
42° 58′ 06″N 144° 23′ 24″E

Danger circle [K1] "Oceanometer"
42° 54′ 36″N 144° 23′ 48″E
(18(506, 507, 524)05 Tokyo)

96762 4Ed. 9/13/03 LAST NM 24/05 7/07
Change Light to Fl G 4s 12m 5M 43° 05′ 06″N 145° 08′ 03″E
(50(1489)06 Tokyo)

96762 4Ed. 9/13/03 LAST NM 7/07 24/08
Delete Ramark from light 42° 58′ 12″N 144° 22′ 24″E
Danger circle "Wave Meter" 42° 54′ 09″N 144° 45′ 33″E

Submarine cable between 42° 56′ 00″N 144° 45′ 33″E
42° 54′ 10″N 144° 45′ 33″E
(8(247), 17(517)08 Tokyo)

96762 4Ed. 9/13/03 LAST NM 24/08 32/08
Delete Ramark at light 42° 56′ 53″N 144° 51′ 56″E
(25(867)08 Tokyo)

96762 4Ed. 9/13/03 LAST NM 32/08 36/09
Relocate Buoy from 42° 58′ 48″N 144° 17′ 24″E to
42° 58′ 48″N 144° 17′ 12″E
Buoy from 42° 58′ 48″N 144° 18′ 43″E to
42° 58′ 48″N 144° 18′ 47″E

Substitute Solid line (breakwater) [F4.1] for dashed line
between 42° 58′ 48″N 144° 18′ 03″E
42° 58′ 48″N 144° 18′ 18″E

Change Visibility (range) of light to 4M
42° 59′ 40″N 144° 52′ 06″E

Add Solid line (breakwater) [F4.1] between
42° 58′ 48″N 144° 17′ 22″E
42° 58′ 48″N 144° 18′ 03″E

Solid line (breakwater) [F4.1] between
42° 58′ 48″N 144° 18′ 18″E
42° 58′ 48″N 144° 18′ 37″E
(22(813)03, 22(657)06, 20(631)07, 17(516)08, 17(692),
22(922)09 Tokyo)

96762 4Ed. 9/13/03 LAST NM 36/09 38/09
Change Visibility (range) of light to 3M
42° 58′ 39″N 144° 21′ 31″E
Visibility (range) of beacon to 5M
42° 57′ 40″N 144° 22′ 07″E
(31(1344), 32(1380)09 Tokyo)

96762 4Ed. 9/13/03 LAST NM 38/09 48/09
Add Fish haven symbol [K46.1] 43° 05′ 31″N 145° 11′ 07″E
(10(392)09 Tokyo)

★**96763** 7Ed. 8/22/98 NEW EDITION 48/98
Delete Legend "SEE CAUTION" 42° 59′ 36″N 144° 20′ 40″E
CAUTION note 42° 59′ 42″N 144° 23′ 12″E
(NIMA; 21(874)98 Tokyo)

96763 7Ed. 8/22/98 LAST NM 48/98 2/99
Delete Stranded wreck 42° 58′ 48″N 144° 22′ 40″E

Add Dangerous wreck (Masts) 42° 58′ 46.5″N 144° 22′ 31.9″E
(42(1757)98 Tokyo)

96763 7Ed. 8/22/98 LAST NM 2/99 8/99
Add Stranded wreck 42° 58′ 31.0″N 144° 21′ 47.6″E
(2(47)99 Tokyo)

96763 7Ed. 8/22/98 LAST NM 8/99 14/99
Delete Stranded wreck 42° 58′ 31.0″N 144° 21′ 47.6″E
(Supersedes 8/99-96763)
(8(320)99 Tokyo)

96763 7Ed. 8/22/98 LAST NM 14/99 18/99
Add Depth
6.9 meters 42° 58′ 50.1″N 144° 22′ 14.6″E
6.9 meters 42° 58′ 50.3″N 144° 22′ 17.1″E
6.9 meters 42° 58′ 49.7″N 144° 22′ 18.7″E
7 meters 42° 58′ 50.0″N 144° 22′ 21.2″E
(9(375)99 Tokyo)

96763 7Ed. 8/22/98 LAST NM 18/99 46/00
Add Caution note from Subsection I-2
42° 59′ 42.0″N 144° 23′ 13.0″E

Legend "SEE CAUTION" between
42° 59′ 30.0″N 144° 19′ 16.0″E
42° 59′ 26.0″N 144° 20′ 28.0″E
(28(1021)00 Tokyo)

96763 7Ed. 8/22/98 LAST NM 46/00 50/00
Delete Foul ground symbol 42° 59′ 26.5″N 144° 21′ 41.8″E
Foul ground symbol 42° 59′ 24.7″N 144° 21′ 43.7″E
Depth 7.1 meters 42° 59′ 23.5″N 144° 21′ 45.2″E
Depth 9.6 meters 42° 59′ 10.0″N 144° 21′ 49.0″E
Depth 5.6 meters 42° 58′ 34.5″N 144° 22′ 09.0″E

Substitute Depth 10 meters for 9.5 meters
42° 59′ 10.2″N 144° 21′ 51.0″E
Depth 10.3 meters for 10 meters
42° 59′ 08.5″N 144° 21′ 50.7″E

Add Land tint to area bound by shore and solid line
joining 42° 59′ 28.0″N 144° 21′ 41.4″E
42° 59′ 27.8″N 144° 21′ 40.9″E
42° 59′ 23.8″N 144° 21′ 46.0″E
and delete depths, depth contour and blue tint
within the above area

Land tint to area bound by shore and solid line
joining 42° 59′ 13.5″N 144° 21′ 42.6″E
42° 59′ 13.0″N 144° 21′ 42.1″E
42° 59′ 11.2″N 144° 21′ 50.5″E
42° 59′ 12.0″N 144° 21′ 50.8″E
and delete depths within the above area

Double solid line with land tint (breakwater)
joining 42° 58′ 41.2″N 144° 20′ 59.0″E
42° 58′ 40.8″N 144° 20′ 58.8″E
42° 58′ 39.0″N 144° 21′ 03.9″E
42° 58′ 39.5″N 144° 21′ 04.1″E

Light Fl R 5s 12m 4M 42° 58′ 40.9″N 144° 20′ 59.2″E

Solid line (breakwater) between
42° 58′ 35.4″N 144° 22′ 08.5″E
42° 58′ 34.3″N 144° 22′ 06.8″E

Position circle "G Lt" 42° 58′ 34.3″N 144° 22′ 06.8″E
Depth 4.5 meters 42° 58′ 35.5″N 144° 22′ 08.0″E
Depth 4.4 meters 42° 58′ 35.0″N 144° 22′ 07.2″E
Depth 4.4 meters 42° 58′ 34.7″N 144° 22′ 08.5″E
Depth 4.4 meters 42° 58′ 34.2″N 144° 22′ 06.1″E
Depth 4.4 meters 42° 58′ 34.0″N 144° 22′ 07.5″E
(29(1028)00 Tokyo)

96763 7Ed. 8/22/98 LAST NM 50/00 52/01
Delete Dangerous wreck (Masts) 42° 58′ 46.5″N 144° 22′ 31.9″E
(44(1669)01 Tokyo)

96763 7Ed. 8/22/98 LAST NM 52/01 29/02
Change Light to Fl 15s 51m 19M 42° 58′ 12.0″N 144° 22′ 23.5″E
(Jpn LL)

96763 7Ed. 8/22/98 LAST NM 29/02 43/02
Add Land tint to area bound by shore and solid line
joining 42° 59′ 49.8″N 144° 18′ 52.0″E
42° 59′ 49.8″N 144° 19′ 08.0″E
43° 00′ 05.6″N 144° 19′ 12.0″E
43° 00′ 05.6″N 144° 19′ 14.2″E
(36(1245)02 Tokyo; Jpn CH W31)

96763 7Ed. 8/22/98 LAST NM 43/02 48/02
Delete Double dashed line and legend "Under constr"
in vicinity 42° 59′ 21.0″N 144° 18′ 47.9″E

Light 42° 59′ 22.2″N 144° 18′ 51.5″E
Position circle "R Lt" 42° 59′ 21.0″N 144° 18′ 48.5″E

(continued on next page)

96763 (Continued) 48/02
Add Double solid line with land tint (breakwater extension) [F4.1] between 42° 59′ 21.0″N 144° 18′ 48.5″E
42° 59′ 19.1″N 144° 18′ 42.0″E

Light Fl R 3s 15m 9M 42° 59′ 19.1″N 144° 18′ 42.0″E
(Jpn CH W31)

96763 7Ed. 8/22/98 LAST NM 48/02 9/03
Substitute Purple composite line (anchoring prohibited limit) for purple dashed line between
42° 59′ 25.1″N 144° 20′ 29.9″E
42° 59′ 21.6″N 144° 20′ 30.0″E

Add Purple composite line (anchoring prohibited limit) between 42° 59′ 18.9″N 144° 18′ 41.8″E
42° 59′ 40.0″N 144° 18′ 51.9″E

Legend "Anchoring Prohibited"
42° 59′ 38.0″N 144° 19′ 48.0″E
(2(35)03 Tokyo)

96763 7Ed. 8/22/98 LAST NM 9/03 17/03
Change Light to Oc R 4s 12m 7M 42° 58′ 32.0″N 144° 21′ 28.0″E

Add Double solid line with land tint (breakwater) between 42° 58′ 48.5″N 144° 17′ 51.0″E
42° 58′ 48.5″N 144° 17′ 55.2″E

Position circle "Y Lt" 42° 58′ 48.5″N 144° 17′ 51.0″E

Double dashed line (breakwater under construction) between 42° 58′ 48.5″N 144° 17′ 49.5″E
42° 58′ 48.5″N 144° 17′ 51.0″E

Double dashed line (breakwater under construction) between 42° 58′ 48.5″N 144° 17′ 55.2″E
42° 58′ 48.5″N 144° 18′ 18.1″E
(4(125), 22(924)99, 22(748)00, 7(219)03 Tokyo; Jpn CH W26, W31)

96763 7Ed. 8/22/98 LAST NM 17/03 32/03
Add Chartlet, depicting changes in hydrography, from Subsection I-2 42° 58′ 50.0″N 144° 22′ 34.0″E
(9(292)03 Tokyo)

96763 7Ed. 8/22/98 LAST NM 32/03 37/03
Add Legend "Lesser depths reported (2003)" between 42° 59′ 35.6″N 144° 20′ 49.3″E
42° 59′ 43.2″N 144° 20′ 57.6″E
(31(1211)03 Tokyo)

96763 7Ed. 8/22/98 LAST NM 37/03 45/03
Delete Depth 5.4 meters 42° 59′ 42.3″N 144° 20′ 46.8″E
Depth 5.4 meters 42° 59′ 42.1″N 144° 20′ 51.5″E
Depth 5.4 meters 42° 59′ 41.3″N 144° 20′ 49.2″E
Depth 5.8 meters 42° 59′ 40.2″N 144° 20′ 47.0″E
Depth 6.8 meters 42° 59′ 37.9″N 144° 20′ 46.0″E
Depth 6 meters 42° 59′ 37.7″N 144° 20′ 50.0″E
Depth 5 meters 42° 59′ 37.5″N 144° 20′ 51.0″E
Depth 1.7 meters 42° 59′ 36.8″N 144° 20′ 51.0″E
Depth 0.4 meter 42° 59′ 37.9″N 144° 20′ 52.3″E
Depth 3.8 meters 42° 59′ 39.3″N 144° 20′ 54.5″E
Depth 8.8 meters 42° 59′ 40.5″N 144° 20′ 55.6″E

Legend "Lesser depths reported (2003)" between 42° 59′ 35.6″N 144° 20′ 49.3″E
42° 59′ 43.2″N 144° 20′ 57.6″E
(Supersedes 37/03-96763)

Substitute Depth 7.3 meters for 5.1 meters
42° 59′ 43.5″N 144° 20′ 50.1″E
Depth 7.7 meters for 5.4 meters
42° 59′ 43.5″N 144° 20′ 48.0″E
Depth 7.7 meters for 5.5 meters
42° 59′ 41.0″N 144° 20′ 44.5″E
Depth 7.6 meters for 6.3 meters
42° 59′ 41.4″N 144° 20′ 41.9″E
Depth 2.8 meters for 4.8 meters
42° 59′ 39.0″N 144° 20′ 52.0″E
Depth 0.8 meter for 2.9 meters
42° 59′ 40.0″N 144° 20′ 55.8″E
Depth 3.9 meters for 5.9 meters
42° 59′ 41.8″N 144° 20′ 57.0″E

Add Depth 7.4 meters 42° 59′ 41.2″N 144° 20′ 48.0″E
Depth 7.7 meters 42° 59′ 39.2″N 144° 20′ 47.0″E
Depth 7.6 meters 42° 59′ 38.1″N 144° 20′ 44.0″E
Depth 7.1 meters 42° 59′ 36.9″N 144° 20′ 45.6″E
Depth 5.7 meters 42° 59′ 38.4″N 144° 20′ 50.1″E
Depth 4.2 meters 42° 59′ 39.9″N 144° 20′ 54.0″E
Foul ground symbol [K31] 42° 59′ 39.8″N 144° 20′ 55.9″E
Depth 7.5 meters 42° 59′ 41.3″N 144° 20′ 55.0″E
(38(1442)03 Tokyo)

96763 7Ed. 8/22/98 LAST NM 45/03 6/04
Add Chartlet, depicting changes in hydrography, from Subsection I-2 42° 59′ 18.0″N 144° 17′ 42.0″E
(38(1442)03 Tokyo)

96763 7Ed. 8/22/98 LAST NM 6/04 16/04
Delete Light 42° 58′ 40.9″N 144° 20′ 59.2″E
Light 42° 58′ 35.0″N 144° 21′ 19.0″E

Add Light Iso R 6s 18m 11M Horn
42° 58′ 41.3″N 144° 20′ 58.3″E

Double solid line with land tint (breakwater) [F4.1] between 42° 58′ 41.3″N 144° 20′ 58.3″E
42° 58′ 41.0″N 144° 20′ 59.1″E
(6(151)04 Tokyo)

96763 7Ed. 8/22/98 LAST NM 16/04 21/04
Delete Submarine cable in vicinity 42° 57′ 48.0″N 144° 22′ 24.0″E
(26(1110)99 Tokyo)

96763 7Ed. 8/22/98 LAST NM 21/04 26/04
Add Double dashed line with land tint (breakwater) [F32] and legend "Under construction" between 42° 58′ 40.3″N 144° 22′ 14.4″E
42° 58′ 40.9″N 144° 22′ 19.5″E
(30(1261)99 Tokyo)

96763 7Ed. 8/22/98 LAST NM 26/04 36/04
Delete Buoy 42° 59′ 39.0″N 144° 19′ 04.0″E
(40(1623)99 Tokyo)

96763 7Ed. 8/22/98 LAST NM 36/04 10/05
Add Legend "Lesser depths reported" between
42° 58′ 51.0″N 144° 17′ 56.0″E
42° 58′ 51.5″N 144° 18′ 17.5″E
(1(20)05 Tokyo)

96763 7Ed. 8/22/98 LAST NM 10/05 18/05
Add Depth 7 meters 42° 59′ 42.4″N 144° 20′ 47.7″E
Depth 6.6 meters 42° 59′ 41.2″N 144° 20′ 52.1″E
(12(338)05 Tokyo)

96763 7Ed. 8/22/98 LAST NM 18/05 24/05
Add Submarine cable [L30.1] joining
42° 58′ 08.9″N 144° 23′ 22.1″E
42° 58′ 08.8″N 144° 23′ 20.5″E
42° 58′ 05.6″N 144° 23′ 17.0″E
42° 58′ 01.8″N 144° 23′ 09.8″E
42° 57′ 25.9″N 144° 22′ 51.8″E
42° 57′ 14.7″N 144° 22′ 38.0″E
42° 57′ 04.0″N 144° 22′ 29.0″E

Buoy R, pillar, cone topmark, Fl R 4s
42° 58′ 48.2″N 144° 17′ 23.6″E
Buoy G, pillar, can topmark, Fl G 4s
42° 58′ 48.2″N 144° 18′ 43.4″E
(18(506, 507)05 Tokyo)

96763 7Ed. 8/22/98 LAST NM 24/05 17/06
Add Legend "Lesser depths rep" between
42° 59′ 41.2″N 144° 20′ 50.0″E
42° 59′ 40.0″N 144° 20′ 45.4″E
(10(315)06 Tokyo)

96763 7Ed. 8/22/98 LAST NM 17/06 36/06
Add Legend "Lesser depths rep" between
42° 58′ 39.0″N 144° 21′ 51.0″E
42° 58′ 45.0″N 144° 21′ 58.0″E
(30(890)06 Tokyo)

96763 7Ed. 8/22/98 LAST NM 36/06 24/08
Delete Ramark from light 42° 58′ 12.0″N 144° 22′ 23.5″E
Position circle "Radar Tr" 42° 58′ 11.5″N 144° 22′ 23.3″E
(8(247)08 Tokyo)

96763 7Ed. 8/22/98 LAST NM 24/08 36/09
Delete Position circle "Y Lt" 42° 58′ 48.5″N 144° 17′ 51.0″E

Relocate Buoy from 42° 58′ 48.2″N 144° 17′ 23.6″E to
42° 58′ 48.2″N 144° 17′ 12.1″E
Buoy from 42° 58′ 48.2″N 144° 18′ 43.4″E to
42° 58′ 48.2″N 144° 18′ 46.8″E

Substitute Double solid line with land tint (breakwater)
[F4.1] for double dashed line between
42° 58′ 48.5″N 144° 17′ 49.5″E
42° 58′ 48.5″N 144° 17′ 51.0″E

Double solid line with land tint (breakwater)
[F4.1] for double dashed line between
42° 58′ 48.5″N 144° 17′ 55.2″E
42° 58′ 48.5″N 144° 18′ 18.1″E

Add Double solid line with land tint (breakwater)
[F4.1] between 42° 58′ 48.5″N 144° 17′ 22.3″E
42° 58′ 48.5″N 144° 17′ 49.5″E

Double solid line with land tint (breakwater)
[F4.1] between 42° 58′ 48.5″N 144° 18′ 18.1″E
42° 58′ 48.5″N 144° 18′ 37.3″E
(22(813)03, 22(657)06, 20(631)07, 17(516)08, 22(922)09 Tokyo)

96763 7Ed. 8/22/98 LAST NM 36/09 38/09
Change Visibility (range) of light to 3M
42° 58′ 39.0″N 144° 21′ 30.8″E
Visibility (range) of beacon to 5M
42° 57′ 40.0″N 144° 22′ 06.8″E
(31(1344), 32(1380)09 Tokyo)

96763 7Ed. 8/22/98 LAST NM 38/09 45/09
Add Position circle "G Lt" 42° 59′ 17.0″N 144° 21′ 33.4″E
(35(1502)09 Tokyo)

96763 7Ed. 8/22/98 LAST NM 45/09 21/12
Add Position circle "Lt" 42° 59′ 47.1″N 144° 19′ 43.7″E
(18(356)12 Tokyo)

★96764 3Ed. 6/14/03 NEW EDITION 34/03
(NIMA)

96764 3Ed. 6/14/03 LAST NM 34/03 8/05
Add Wreck [K29] 43° 06′ 36″N 145° 33′ 48″E
(51(1321)04 Tokyo)

96764 3Ed. 6/14/03 LAST NM 8/05 11/05
Add Fish haven symbol [K46.1] 43° 02′ 54″N 145° 17′ 18″E
(49(1256)04 Tokyo)

96764 3Ed. 6/14/03 LAST NM 11/05 28/05
Substitute Depth 4.9 meters for 7.2 meters
43° 22′ 41″N 145° 52′ 27″E

Add Depth 11.6 meters 43° 24′ 44″N 145° 52′ 18″E
Depth 12.8 meters 43° 22′ 22″N 145° 51′ 41″E
(22(633)05 Tokyo)

96764 3Ed. 6/14/03 LAST NM 28/05 38/05
Add Position circle "Windmotor" 43° 16′ 36″N 145° 33′ 40″E
Position circle 43° 13′ 01″N 145° 33′ 01″E
Position circle 43° 12′ 57″N 145° 32′ 57″E
Position circle 43° 12′ 53″N 145° 32′ 47″E
Position circle 43° 12′ 49″N 145° 32′ 26″E
Position circle 43° 12′ 50″N 145° 32′ 09″E

Legend "Windmotors" between 43° 13′ 01″N 145° 33′ 01″E
43° 12′ 50″N 145° 32′ 09″E

Fish haven symbol [K46.1] 43° 03′ 12″N 145° 16′ 48″E
(50(1295)04, 29(866)05 Tokyo)

96764 3Ed. 6/14/03 LAST NM 38/05 7/07
Change Light to Fl G 4s 12m 5M 43° 05′ 06″N 145° 08′ 03″E
Visibility (range) of light to 3M
43° 20′ 26″N 145° 45′ 43″E
Light to Fl G 4s 13m 5M 43° 20′ 22″N 145° 45′ 49″E
(50(1489, 1490)06 Tokyo)

96764 3Ed. 6/14/03 LAST NM 7/07 21/08
Change Visibility (range) of light to 4M
43° 10′ 58″N 145° 31′ 03″E
(10(309)08 Tokyo)

96764 3Ed. 6/14/03 LAST NM 21/08 36/09
Change Visibility (range) of light to 15M
43° 16′ 42″N 145° 35′ 18″E
(22(923)09 Tokyo)

96764 3Ed. 6/14/03 LAST NM 36/09 44/09
Delete Ramark at light 43° 23′ 07″N 145° 49′ 00″E
(30(1291)09 Tokyo)

96764 3Ed. 6/14/03 LAST NM 44/09 48/09
Add Fish haven symbol [K46.1] 43° 05′ 31″N 145° 11′ 07″E
(10(392)09 Tokyo)

96764 3Ed. 6/14/03 LAST NM 48/09 38/10
Change Visibility (range) of light to 5M
43° 12′ 37″N 145° 35′ 32″E
(19(763)10 Tokyo)

96764 3Ed. 6/14/03 LAST NM 38/10 22/12
Change Visibility (range) of light to 5M
43° 16′ 43″N 145° 34′ 31″E
(19(370)12 Tokyo)

★96780 4Ed. 11/8/97 NEW EDITION 8/98
Delete Depth 182 meters 45° 15.0′ N 147° 25.8′ E

Change Light to L Fl 12s 112m 22M RC Racon
with visible sector 272°-211° 45° 34.8′ N 149° 24.2′ E

Add Depth
99 meters 44° 22.7′ N 146° 53.9′ E
175 meters 45° 15.3′ N 147° 25.7′ E
4 meters 45° 19.3′ N 148° 04.9′ E
305 meters 45° 44.2′ N 148° 13.9′ E
397 meters 45° 44.5′ N 148° 18.9′ E

Height to light
28m 45° 00.0′ N 147° 43.8′ E
71m 44° 27.1′ N 146° 33.8′ E

Purple tint area (traffic separation
zone) bound by limit joining 44° 31.5′ N 146° 42.0′ E
44° 31.5′ N 146° 45.0′ E
44° 23.0′ N 146° 45.0′ E
44° 23.0′ N 146° 42.0′ E

Purple heavy dashed line (outside limit
of traffic lane)
between 44° 31.5′ N 146° 38.5′ E
44° 23.0′ N 146° 38.5′ E

between 44° 31.5′ N 146° 48.5′ E
44° 23.0′ N 146° 48.5′ E

Open-outlined arrow indicating flow
of traffic oriented
180° 44° 28.0′ N 146° 40.2′ E
000° 44° 28.0′ N 146° 46.7′ E

Note in upper right margin of chart
"TRAFFIC SEPARATION SCHEME
The Traffic Separation Scheme on this
chart is not approved by the
International Maritime Organization
(IMO)."

Note
"BUOYAGE
IALA Buoyage System (Region A) is in
effect in the area covered by this
chart. See Chart No. 1." 44° 36.0′ N 149° 21.0′ E

Caution note in upper left margin of
chart
"CAUTIONS
1. Abnormal magnetic anomalies are
reported to exist in this area.
2. Differences in latitude and longitude
may exist between this and other
charts of the area; therefore, the
transfer of positions from one chart
to another should be done by bearings
and distances from common features."
(NIMA; GIMM046/96; Rus CH 61018; Jpn CH 45; Jpn LL)

96780 4Ed. 11/8/97 LAST NM 8/98 22/98
Change Light to Fl 6s 45m 8M 45° 00.0′ N 147° 43.7′ E

Add Purple tint area (traffic separation zone) bound by limit joining 45° 20.0′ N 149° 11.0′ E
45° 21.8′ N 149° 16.4′ E
45° 40.4′ N 149° 06.8′ E
45° 38.6′ N 149° 01.4′ E

Purple heavy dashed line (outside limit of traffic lane)
between 45° 22.8′ N 149° 20.2′ E
45° 41.3′ N 149° 10.6′ E

between 45° 19.1′ N 149° 07.2′ E
45° 37.8′ N 148° 57.6′ E

Purple open-outlined arrow indicating flow of traffic oriented
340° 45° 23.3′ N 149° 17.6′ E
340° 45° 38.9′ N 149° 09.7′ E
160° 45° 37.0′ N 149° 00.6′ E
160° 45° 21.0′ N 149° 08.2′ E
(GIMM018/98; 43(3855)97 Taunton)

96780 4Ed. 11/8/97 LAST NM 22/98 4/02
Add Legend "Caution No 1" 44° 35′ 00″N 147° 27′ 00″E
Legend "Caution No 1" 44° 43′ 00″N 147° 08′ 15″E

Depth 19.8 meters, blue tint and enclosing depth contour (20-meter) centered
44° 47′ 15″N 147° 32′ 05″E
Depth 4 meters, blue tint and enclosing depth contour (10-meter) centered
44° 30′ 05″N 146° 37′ 28″E
(Rus CH 62272)

96780 4Ed. 11/8/97 LAST NM 4/02 11/02
Add Legend "CAUTION NO 1" 45° 25′ 54″N 148° 57′ 00″E
Tide rips symbol [H44] 45° 33′ 28″N 149° 21′ 36″E
(Rus CH 63209)

★96800 4Ed. 2/28/98 NEW EDITION 19/02
Add Purple tint area (traffic separation zone) bound by limit joining 45° 20.0′ N 149° 11.0′ E
45° 21.8′ N 149° 16.4′ E
45° 40.4′ N 149° 06.8′ E
45° 38.6′ N 149° 01.4′ E

Purple heavy dashed line (outside limit of traffic lane)
between 45° 22.8′ N 149° 20.2′ E
45° 41.3′ N 149° 10.6′ E

between 45° 19.1′ N 149° 07.2′ E
45° 37.8′ N 148° 57.6′ E

Purple open-outlined arrow indicating flow of traffic oriented
340° 45° 23.3′ N 149° 17.6′ E
340° 45° 38.9′ N 149° 09.7′ E
160° 45° 37.0′ N 149° 00.6′ E
160° 45° 21.0′ N 149° 08.2′ E
(Previously published 22/98)

Add Legend "CAUTION NO 1" 45° 25′ 54″N 148° 57′ 00″E
(Previously published 11/02)
(NIMA)

96800 4Ed. 2/28/98 LAST NM 19/02 41/02
Add Wreck [K29] 45° 19′ 00″N 150° 15′ 05″E
(51(8527)00 St. Petersburg)

★96820 4Ed. 2/28/98 NEW EDITION 25/98
(NIMA)

96820 4Ed. 2/28/98 LAST NM 25/98 6/02
Delete Tide rips symbol in vicinity 47° 24′ 45″N 152° 37′ 00″E
Tide rips symbol in vicinity 47° 25′ 15″N 152° 41′ 00″E
Tide rips symbol in vicinity 47° 28′ 00″N 152° 40′ 00″E
Tide rips symbol in vicinity 47° 30′ 00″N 152° 45′ 30″E

Change Caution No. 1 of CAUTIONS note to
"1. A magnetic anomaly is reported to lie within these areas." 47° 30′ 00″N 151° 42′ 00″E

Add Legend "CAUTION NO 1" 47° 04′ 00″N 152° 25′ 00″E
Legend "CAUTION NO 1" 46° 56′ 00″N 151° 40′ 00″E
(Rus CH 62274, 62275)

★96840 3Ed. 10/28/95 NEW EDITION 1/96
(DMA)

96840 3Ed. 10/28/95 LAST NM 1/96 18/97
Add R Bn at light 48° 04.4′ N 153° 17.6′ E
(BA RA)

96840 3Ed. 10/28/95 LAST NM 18/97 6/02
Delete Tide rips symbol in vicinity 47° 24′ 45″N 152° 37′ 00″E
Tide rips symbol in vicinity 47° 25′ 15″N 152° 41′ 00″E
Tide rips symbol in vicinity 47° 28′ 00″N 152° 39′ 30″E

Add Rock awash [K12] 47° 40′ 00″N 152° 59′ 03″E
Dangerous wreck [K28] 47° 47′ 32″N 153° 03′ 45″E
Dangerous wreck [K28] 47° 46′ 30″N 153° 04′ 00″E
Depth 44 meters 47° 55′ 47″N 153° 10′ 00″E

Depth 11.5 meters, blue tint and enclosing depth contour (20-meter) centered
47° 56′ 54″N 153° 08′ 14″E
Depth 2.6 meters, blue tint and enclosing depth contour (20-meter) centered 47° 46′ 30″N 153° 04′ 30″E
(Rus CH 62275)

96840 3Ed. 10/28/95 LAST NM 6/02 19/02
Add Chartlet, depicting changes in hydrography, from Subsection I-2 47° 32′ 30″N 152° 50′ 15″E
(Rus CH 62275)

96840 3Ed. 10/28/95 LAST NM 19/02 32/11
Add Depth 76 meters enclosed by depth contour (200-meter) centered 48° 28′ 00″N 154° 35′ 00″E
Depth 55 meters enclosed by depth contour (200-meter) centered 48° 20′ 00″N 153° 54′ 18″E
Depth 193 meters enclosed by depth contour (200-meter) centered 48° 19′ 54″N 153° 41′ 00″E
(Jpn CH W1020)

★96860 3Ed. 11/2/96 NEW EDITION 4/97
(NIMA)

96860 3Ed. 11/2/96 LAST NM 4/97 6/02
Add Legend "CAUTION NO 3" 49° 40′ 00″N 154° 50′ 00″E

Depth 120 meters enclosed by depth contour (200-meters) 49° 41′ 45″N 154° 15′ 50″E
Depth 139 meters enclosed by depth contour (200-meters) 49° 36′ 30″N 154° 14′ 15″E
Depth 144 meters enclosed by depth contour (200-meters) 49° 39′ 00″N 154° 15′ 00″E
Depth 189 meters enclosed by depth contour (200-meters) 49° 33′ 00″N 154° 22′ 00″E
Depth 120 meters enclosed by depth contour (200-meters) 49° 37′ 15″N 154° 16′ 00″E
(Rus CH 62277)

★96880 6Ed. 12/2/95 NEW EDITION 7/96
Add Latitude designation "30′ " 50° 30.0′ N 154° 00.0′ E
(DMA)

96880 6Ed. 12/2/95 LAST NM 7/96 35/96
Add Depth
121 meters 49° 49.2′ N 155° 10.0′ E
33 meters 50° 46.5′ N 155° 50.0′ E
(Rus CH 61036)

96880 6Ed. 12/2/95 LAST NM 35/96 17/97
Add "AREA 23 CAUTION NO 5" bound by purple dashed line joining 50° 44.0′ N 155° 48.0′ E
50° 46.0′ N 155° 46.0′ E
50° 49.0′ N 155° 53.0′ E
50° 47.0′ N 155° 55.0′ E

Caution No. 5 to CAUTIONS note
"5. Mariners are warned to exercise caution within the areas indicated. The detail of these areas has not been derived from adequate hydrographic surveys and uncharted dangers may exist." 49° 51.0′ N 157° 15.0′ E
(20(3001)96 St. Petersburg; GIMM059/96)

96880 6Ed. 12/2/95 LAST NM 17/97 23/97
Delete Fog signal from light
HORN 50° 46.1′ N 156° 12.0′ E
NAUTO 50° 52.0′ N 156° 28.8′ E
(12(1084)97 Taunton; BA LL)

96880 6Ed. 12/2/95 LAST NM 23/97 8/99
Delete Light 50° 56.2′ N 156° 46.0′ E
50° 03.1′ N 155° 13.8′ E
50° 50.2′ N 155° 39.9′ E
(20(2983, 3003, 3005)98 St. Petersburg)

96880 6Ed. 12/2/95 LAST NM 8/99 12/01
Add Light Fl 5s 9M 50° 56′ 12″N 156° 46′ 30″E
(40(6633)00 St. Petersburg)

96880 6Ed. 12/2/95 LAST NM 12/01 14/01
Add Light Fl R 4s 5M 50° 03′ 07″N 155° 13′ 38″E
(46(7698)00 St. Petersburg)

96880 6Ed. 12/2/95 LAST NM 14/01 6/02
Delete "CAUTION NO 3" area in vicinity
50° 49′ 00″N 156° 08′ 00″E
Add Legend "CAUTION NO 3" 50° 18′ 00″N 155° 06′ 00″E
Legend "CAUTION NO 3" 50° 25′ 00″N 156° 10′ 00″E
(Rus CH 62277)

96880 6Ed. 12/2/95 LAST NM 6/02 7/02
Change Light to Fl 6s 105m 22M R Bn 50° 46′ 00″N 156° 12′ 00″E
Add Light Fl 4s 82m 9M 50° 11′ 36″N 155° 44′ 36″E
(Rus CH 62277; BA LL)

96880 6Ed. 12/2/95 LAST NM 7/02 8/02
Delete Light 50° 52′ 18″N 156° 39′ 48″E
Note: R Bn remains
(BA LL)

96880 6Ed. 12/2/95 LAST NM 8/02 46/04
Delete "AREA 23 CAUTION NO 5" in vicinity
50° 46′ 30″N 155° 50′ 30″E
Caution No. 5 from CAUTIONS note
49° 50′ 00″N 157° 15′ 00″E
(18(2737)04 St. Petersburg)

96880 6Ed. 12/2/95 LAST NM 46/04 5/10
Add Light Fl 3s 9M 50° 50.3′ N 155° 39.8′ E
(41(5506)09 St. Petersburg)

96880 6Ed. 12/2/95 LAST NM 5/10 14/10
Delete Depth 33 meters 50° 46.5′ N 155° 50.0′ E
(18(2737)04 St. Petersburg)

96880 6Ed. 12/2/95 LAST NM 14/10 16/11
Add Light L Fl(2) 15s 69m 22M 50° 52.3′ N 156° 39.9′ E
(43(6093)08 St. Petersburg)

★**96881** 2Ed. 7/31/99 NEW EDITION 40/99
(NIMA)

96881 2Ed. 7/31/99 LAST NM 40/99 14/01
(Plan A)
Add Light Fl R 4s 5M 50° 03′ 07″N 155° 13′ 38″E
(46(7698)00 St. Petersburg)

96881 2Ed. 7/31/99 LAST NM 14/01 7/02
(Plan B)
Add Light Fl 4s 82m 9M 50° 11′ 36″N 155° 44′ 36″E
(Rus CH 62277; BA LL)

★**96882** 4Ed. 5/18/96 NEW EDITION 31/96
Change Line 1 of Caution No 2 to
"2. The Russian authorities have stated
that navigation is prohibited" 50° 35.2′ N 156° 04.4′ E
(DMAHTC)

96882 4Ed. 5/18/96 LAST NM 31/96 23/97
Delete Fog signal from light
HORN 50° 46.1′ N 156° 12.0′ E
NAUTO 50° 52.0′ N 156° 28.7′ E
(12(1084)97 Taunton; BA LL)

96882 4Ed. 5/18/96 LAST NM 23/97 35/98
Delete Legend "WORLD GEODETIC SYSTEM
(WGS)" in upper left margin of chart

Change Datum note in upper left margin of
chart to
"DATUM NOTE
Positions referred to the World Geodetic
System 1984 (WGS-84) must be moved
2.8′ ′ Northward and 7.9′ ′ Westward to
agree with this chart."

Add Buoy YBY, pillar, double cone topmark
points together, Q(9) 15s 50° 42′ 46″N 156° 09′ 48″E

Range light,
front, FR 43m 10M 50° 40′ 46″N 156° 08′ 32″E
rear, FR 78m 10M,
0.13 mile 194° 36′ from front

Range line extending in 014° 36′
direction from above rear light
dashed for 0.6 mile, thence
solid for 5.8 miles

Legend "Lts in line 194° 36′ "
along above range line 50° 46′ 36″N 156° 10′ 54″E
(GIMM015, 045/98)

96882 4Ed. 5/18/96 LAST NM 35/98 8/99
Delete Light from buoy 50° 42′ 46″N 156° 09′ 48″E
(See 35/98-96882)
(20(3004)98 St. Petersburg)

96882 4Ed. 5/18/96 LAST NM 8/99 51/01
Delete Buoy 50° 42′ 46″N 156° 09′ 48″E

Add Light Fl 5s 78m 9M with obscured sector
025° -180° 50° 30′ 36″N 156° 09′ 48″E
Buoy YBY, pillar, double cone topmark
points together, Q(9) 15s 50° 42′ 39″N 156° 09′ 40″E
(30(4990), 37(6079)00 St. Petersburg)

96882 4Ed. 5/18/96 LAST NM 51/01 7/02
Change Light to Fl 6s 105m 22M R Bn 50° 46′ 03″N 156° 12′ 03″E
(Rus CH 62277; BA LL)

96882 4Ed. 5/18/96 LAST NM 7/02 8/02
Delete Light 50° 52′ 24″N 156° 39′ 48″E
Note: R Bn remains
(BA LL)

96882 4Ed. 5/18/96 LAST NM 8/02 16/11
Add Light L Fl(2) 15s 69m 22M 50° 52′ 15″N 156° 40′ 01″E
(43(6093)08 St. Petersburg)

★**96883** 9Ed. 4/25/98 NEW EDITION 33/98
(NIMA)

96883 9Ed. 4/25/98 LAST NM 33/98 35/98
Add Beacon 50° 45′ 01.5″N 156° 08′ 48.0″E
50° 43′ 14.2″N 156° 11′ 36.0″E
50° 42′ 46.0″N 156° 10′ 59.5″E
50° 40′ 52.5″N 156° 08′ 26.5″E

Buoy YBY, pillar, double cone topmark
points together, Q(9) 15s 50° 42′ 43.0″N 156° 09′ 54.5″E

Range light,
front FR 43m 10M 50° 40′ 43.0″N 156° 08′ 40.0″E
rear FR 78m 10M,
240 meters 194° 36′ from front

Range line extending in 014° 36′
direction from above rear light
dashed for 750 meters, thence
solid for 6,500 meters

(continued on next page)

96883 (Continued) 35/98
Legend "Lts in line 194° 36′ " along above range line 50° 44′ 11.0″N 156° 10′ 03.0″E

Caution No. 4 to CAUTIONS note "4. Differences in latitude and longitude may exist between this and other charts of the area; therefore the transfer of positions from one chart to another should be done by ranges and bearings from common features." 50° 40′ 30.0″N 156° 14′ 15.0″E
(GIMM045/98)

96883 9Ed. 4/25/98 LAST NM 35/98 8/99
Delete Light from buoy 50° 42′ 43.0″N 156° 09′ 54.5″E
(See 35/98-96883)
(20(3004)98 St. Petersburg)

96883 9Ed. 4/25/98 LAST NM 8/99 47/01
Add Beacon Fl R 3s 2M 50° 40′ 48.6″N 156° 08′ 19.5″E
(15(2028)99 St. Petersburg)

96883 9Ed. 4/25/98 LAST NM 47/01 51/01
Delete Buoy 50° 42′ 43.0″N 156° 09′ 54.5″E

Add Buoy YBY, pillar, double cone topmark points together, Q(9) 15s 50° 42′ 36.6″N 156° 09′ 47.5″E
(30(4990)00 St. Petersburg)

96883 9Ed. 4/25/98 LAST NM 51/01 7/02
Change Light to Fl 6s 105m 22M R Bn 50° 46′ 07.0″N 156° 12′ 13.5″E
(Rus CH 62277; BA LL)

96883 9Ed. 4/25/98 LAST NM 7/02 11/04
Add Buoy BYB, pillar 50° 40′ 57.1″N 156° 08′ 12.5″E
(32(5167)03 St. Petersburg)

★**96900** 4Ed. 8/3/96 NEW EDITION 50/96
Change Light to
L Fl 7s 9M BELL 43° 39.4′ N 145° 32.8′ E
Fl R 3s 5M 43° 24.9′ N 145° 54.3′ E

Substitute Light for radiobeacon
Fl 7 ½s 9M R Bn 43° 31.8′ N 146° 12.5′ E
Fl 6s 8M R Bn 44° 01.1′ N 145° 51.7′ E

Add R Bn 43° 59.8′ N 144° 17.6′ E
(NIMA; GIMM045/96; Jpn LL; BA LL)

96900 4Ed. 8/3/96 LAST NM 50/96 4/97
Change Light to Oc G 4s 10M 44° 35.0′ N 142° 58.2′ E
(49(2304)96 Tokyo)

96900 4Ed. 8/3/96 LAST NM 4/97 18/97
Add R Bn at light 43° 39.5′ N 145° 32.7′ E
(BA RA)

96900 4Ed. 8/3/96 LAST NM 18/97 23/97
Delete R Bn at light 43° 52.6′ N 146° 49.7′ E
(BA LL)

96900 4Ed. 8/3/96 LAST NM 23/97 38/97
Substitute Disused submarine cable for submarine cable
between 45° 16.7′ N 142° 14.0′ E
45° 49.0′ N 142° 24.9′ E

between 45° 16.7′ N 142° 14.0′ E
45° 49.0′ N 142° 37.2′ E

between 45° 16.7′ N 142° 14.0′ E
45° 49.0′ N 142° 40.5′ E

between 45° 16.7′ N 142° 14.0′ E
45° 49.0′ N 142° 48.0′ E

between 45° 16.7′ N 142° 14.0′ E
45° 49.0′ N 142° 52.5′ E
(21(969)97 Tokyo)

96900 4Ed. 8/3/96 LAST NM 38/97 47/97
Delete Depth
28 meters and legend "R" 43° 42.3′ N 146° 28.0′ E
117 meters "Rep (1975)" (ED) 43° 30.4′ N 146° 57.0′ E
84 meters "Rep (1972)" (ED) 43° 31.0′ N 147° 05.2′ E

Substitute Depth
99 meters for 126 meters 44° 22.2′ N 146° 54.0′ E
42 meters for 51 meters 43° 50.0′ N 146° 57.8′ E

Add Depth
20 meters 43° 20.0′ N 146° 02.5′ E
21 meters 43° 43.2′ N 146° 26.0′ E
21 meters 43° 44.2′ N 146° 28.5′ E
47 meters 43° 40.5′ N 146° 34.6′ E
172 meters 44° 36.8′ N 146° 28.8′ E
98 meters 44° 45.0′ N 146° 42.4′ E
192 meters 44° 49.0′ N 146° 24.2′ E
144 meters 45° 01.5′ N 147° 01.5′ E

Purple tint area (traffic separation zone) bound by limit
joining 43° 46.5′ N 146° 29.6′ E
43° 37.4′ N 146° 33.5′ E
43° 36.6′ N 146° 33.5′ E
43° 46.2′ N 146° 28.2′ E

joining 44° 31.5′ N 146° 44.7′ E
44° 23.0′ N 146° 44.7′ E
44° 23.0′ N 146° 42.0′ E
44° 31.5′ N 146° 42.0′ E

Purple heavy dashed line (outside limit of traffic lane)
between 43° 47.2′ N 146° 32.0′ E
43° 39.2′ N 146° 35.5′ E

between 43° 45.5′ N 146° 25.6′ E
43° 34.5′ N 146° 30.5′ E

between 44° 31.5′ N 146° 48.5′ E
44° 23.0′ N 146° 48.5′ E

between 44° 31.5′ N 146° 38.5′ E
44° 23.0′ N 146° 38.5′ E

Open-outlined arrow indicating flow of traffic oriented
343° 43° 42.0′ N 146° 32.0′ E
163° 43° 41.2′ N 146° 29.0′ E
000° 44° 27.0′ N 146° 45.8′ E
180° 44° 27.0′ N 146° 40.3′ E
(Rus CH 61018; Jpn CH 3)

96900 4Ed. 8/3/96 LAST NM 47/97 7/98
Add Danger circle "Wavemeter" 44° 08.5′ N 144° 09.4′ E
(39(1726)97 Tokyo)

96900 4Ed. 8/3/96 LAST NM 7/98 9/98
Substitute Disused submarine cable for submarine cable between 43° 39.3′ N 145° 33.0′ E
43° 19.5′ N 145° 34.0′ E

Change Period of light to 6s 43° 23.2′ N 145° 49.2′ E
(Jpn CH 42; Jpn LL)

96900 4Ed. 8/3/96 LAST NM 9/98 6/99
Add Wreck 43° 55.0′ N 145° 21.9′ E
(51(2096)98 Tokyo)

96900 4Ed. 8/3/96 LAST NM 6/99 8/99
Add Wreck 43° 18.2′ N 146° 10.4′ E
(1(1)99 Tokyo)

96900 4Ed. 8/3/96 LAST NM 8/99 11/99
Add Light
Fl R 3s 9M 45° 08.2′ N 142° 23.8′ E
Fl(2) R 6s 9M 44° 55.9′ N 142° 35.9′ E
(Jpn CH 1040; Jpn LL)

96900 4Ed. 8/3/96 LAST NM 11/99 42/99
Add Fish haven symbol [K46.1] 45° 04.8′ N 142° 31.5′ E
(36(1463)99 Tokyo)

96900 4Ed. 8/3/96 LAST NM 42/99 5/02
Change Color of buoy to YBY 43° 42.2′ N 146° 24.8′ E

(continued on next page)

96900 (Continued) 5/02
Add Light L Fl 6s 9M 43° 27.2′ N 145° 56.9′ E
Light Fl 5s 9M 43° 26.0′ N 146° 04.2′ E
Light Fl 4s 9M Ra Ref 43° 37.5′ N 146° 16.4′ E
Light Fl 4s 8M R Bn 43° 44.0′ N 146° 42.6′ E
(Rus CH 62272)

96900 4Ed. 8/3/96 LAST NM 5/02 7/02
Delete Light 43° 52.6′ N 146° 49.7′ E

Add Light Fl 5s 22M 43° 52.5′ N 146° 48.8′ E
Tide rips symbol [H44] 44° 26.5′ N 146° 50.0′ E

Caution note
"CAUTION
Magnetic anomalies are reported to exist within
this vicinity." 43° 35.0′ N 144° 20.0′ E

Legend "SEE CAUTION" 44° 03.0′ N 146° 28.5′ E
(Rus CH 62272; BA LL)

96900 4Ed. 8/3/96 LAST NM 7/02 17/08
Delete Light 45° 30.8′ N 141° 53.5′ E

Change Visibility (range) of light to 20M 44° 02.2′ N 145° 13.6′ E

Add Light Oc R 4s 13m 8M 45° 30.8′ N 141° 53.8′ E
(51(1711)07, 4(113)08 Tokyo)

96900 4Ed. 8/3/96 LAST NM 17/08 24/09
Change Visibility (range) of light to 7M 44° 01.4′ N 144° 17.8′ E
Light to Fl R 3s 5M 43° 59.4′ N 144° 18.3′ E
Visibility (range) of light to 4M 44° 31.3′ N 143° 04.0′ E
Light to Fl R 3s 11m 3M 44° 46.9′ N 142° 43.5′ E
(44(1541-1543)08 Tokyo)

96900 4Ed. 8/3/96 LAST NM 24/09 36/09
Change Visibility (range) of light to 15M 43° 16.5′ N 145° 35.7′ E
(22(923)09 Tokyo)

96900 4Ed. 8/3/96 LAST NM 36/09 44/09
Delete Ramark at light 43° 23.1′ N 145° 49.0′ E
(30(1291)09 Tokyo)

96900 4Ed. 8/3/96 LAST NM 44/09 45/09
Change Light to Fl 15s 142m 21M 44° 05.6′ N 145° 01.3′ E
(36(1555)09 Tokyo; Jpn LL)

96900 4Ed. 8/3/96 LAST NM 45/09 47/09
Change Visibility (range) of light to 5M 44° 06.0′ N 145° 15.0′ E
(34(1464)09 Tokyo)

96900 4Ed. 8/3/96 LAST NM 47/09 17/12
Delete Light 45° 30.8′ N 141° 53.8′ E
(Jpn LL)

96900 4Ed. 8/3/96 LAST NM 17/12 22/12
Change Visibility (range) of light to 5M 44° 00.8′ N 144° 18.5′ E
Visibility (range) of light to 7/4M 44° 10.7′ N 143° 47.3′ E
(19(372)12 Tokyo)

★**96901** 3Ed. 11/15/97 NEW EDITION 9/98
Substitute Depth 4.2 meters for 8.2 meters 43° 41.9′ N 146° 21.9′ E

Change Light to
F Fl R 6s 13m 12/6M, Fl R 3s 10m 11M,
Oc G 4s 12m 11M 44° 01.2′ N 145° 12.0′ E
Fl 5s 17m 10M BELL 43° 23.8′ N 145° 51.5′ E
Iso WR 6s 23m 14M HORN Ramark
43° 23.1′ N 145° 49.0′ E
Note: Sectors remain unchanged

Legend to "CAUTION NO 1" 43° 25.0′ N 144° 39.0′ E

Caution note to
"CAUTIONS
1. Magnetic compasses may be affected
6° to 10° within 1 mile of
Nokkamappu-saki.
2. Differences in latitude and longitude
may exist between this and other
charts of the area; therefore, the
transfer of positions from one chart
to another should be done by bearings
and distances from common features."
43° 21.2′ N 144° 48.5′ E

Add Depth
8.9 meters 43° 30.6′ N 145° 44.3′ E
20 meters 43° 19.9′ N 146° 02.6′ E
21.5 meters 43° 43.1′ N 146° 27.1′ E
21 meters 43° 44.1′ N 146° 28.8′ E
47.5 meters 43° 40.6′ N 146° 34.4′ E
42.5 meters 43° 50.2′ N 146° 57.9′ E

Purple tint area (traffic separation
zone) bound by limit
joining 44° 23.0′ N 146° 42.0′ E
44° 31.5′ N 146° 42.0′ E
44° 31.5′ N 146° 45.0′ E
44° 23.0′ N 146° 45.0′ E

joining 43° 36.6′ N 146° 32.4′ E
43° 46.3′ N 146° 28.3′ E
43° 46.5′ N 146° 29.6′ E
43° 37.4′ N 146° 33.4′ E

Purple heavy dashed line (outside limit
of traffic lane)
between 44° 23.0′ N 146° 38.5′ E
44° 31.5′ N 146° 38.5′ E

between 44° 23.0′ N 146° 48.5′ E
44° 31.5′ N 146° 48.5′ E

between 43° 35.0′ N 146° 30.2′ E
43° 45.8′ N 146° 25.6′ E

between 43° 39.0′ N 146° 35.5′ E
43° 47.0′ N 146° 32.2′ E

Open-outlined arrow indicating flow
of traffic oriented
180° 44° 28.0′ N 146° 40.2′ E
000° 44° 28.0′ N 146° 46.7′ E
162° 43° 41.0′ N 146° 29.0′ E
342° 43° 42.5′ N 146° 32.6′ E

"AREA NO 251 ANCHORING AND
FISHING PROHIBITED" area bound by
purple composite line joining 43° 53.3′ N 146° 49.5′ E
43° 54.5′ N 146° 52.1′ E
43° 53.4′ N 146° 59.0′ E
43° 47.5′ N 147° 06.7′ E
43° 41.8′ N 146° 59.4′ E
43° 48.7′ N 146° 54.3′ E

R Bn at light 44° 01.2′ N 145° 51.8′ E

Note
"TRAFFIC SEPARATION SCHEMES
The Traffic Separation Schemes on this
chart are not approved by the
International Maritime Organization
43° 29.0′ N 144° 45.0′ E
(IMO)."
(NIMA; GIMM014, 020/98; Jpn CH 42; Rus CH 61018)

96901 3Ed. 11/15/97 LAST NM 9/98 2/99
Add Wreck 43° 13.6′ N 145° 47.3′ E
(43(1780)98 Tokyo)

96901 3Ed. 11/15/97 LAST NM 2/99 6/99
Add Wreck 43° 55′ 00″N 145° 21′ 53″E
(51(2096)98 Tokyo)

96901 3Ed. 11/15/97 LAST NM 6/99 8/99
Add Wreck 43° 18.2′ N 146° 10.4′ E
(1(1)99 Tokyo)

96901 3Ed. 11/15/97 LAST NM 8/99 9/99
Add Light Fl G 3s 6M 43° 16′ 10″N 145° 34′ 41″E
(49(2114)97 Tokyo)

96901 3Ed. 11/15/97 LAST NM 9/99 15/99
Change Characteristic of light to Iso G 6s 43° 05.1′ N 145° 08.1′ E
(2(34)98 Tokyo)

96901 3Ed. 11/15/97 LAST NM 15/99 24/99
Add Light Fl R 3s 3M 43° 18.9′ N 145° 40.2′ E
Add Light Fl G 3s 3M 43° 22.3′ N 145° 48.5′ E
(4(139, 140)98 Tokyo; Jpn LL)

96901 3Ed. 11/15/97 LAST NM 24/99 53/00
Delete Light (Fl G 4s) 44° 01.4′ N 144° 16.8′ E
(32(1125)00 Tokyo)

96901 3Ed. 11/15/97 LAST NM 53/00 5/02
Add Light Fl 5s 24m 9M 43° 26.0′ N 146° 04.2′ E
Obscured sector 013°-105° to light 44° 27.1′ N 146° 34.0′ E
Light L Fl 6s 22m 9M 43° 27.3′ N 145° 56.9′ E
Buoy YBY, pillar 43° 42.5′ N 146° 24.8′ E
Obscured sector 132°-257° to light 43° 42.2′ N 146° 38.5′ E
Light Fl 4s 65m 8M R Bn 43° 44.0′ N 146° 42.6′ E

Light Fl 4s 12m 9M Ra Ref with
obscured sector 227°-285° 43° 37.5′ N 146° 16.4′ E
(Rus CH 62272; BA LL)

96901 3Ed. 11/15/97 LAST NM 5/02 7/02
Delete Light 43° 52.7′ N 146° 49.3′ E

Add Light Fl 5s 22M 43° 52.5′ N 146° 48.8′ E
(Rus CH 62272; BA LL)

96901 3Ed. 11/15/97 LAST NM 7/02 19/02
Change Visibility (range) of light to 6M 43° 11.0′ N 145° 31.0′ E
(12(388)02 Tokyo)

96901 3Ed. 11/15/97 LAST NM 19/02 27/02
Change Visibility (range) of light to 13M 43° 40.0′ N 145° 08.3′ E

Light to F Fl R 6s 13m 12/6M,
Fl G 3s 12m 12M, Oc G 4s 12m 11M
44° 01.2′ N 145° 12.0′ E
(Jpn LL)

96901 3Ed. 11/15/97 LAST NM 27/02 7/03
Change Visibility (range) of light to 10/5M 43° 20.9′ N 145° 34.7′ E
(50(1746)02 Tokyo)

96901 3Ed. 11/15/97 LAST NM 7/03 2/05
Add Submarine pipeline [L40.1] between
44° 00.3′ N 145° 13.8′ E
44° 01.4′ N 145° 12.3′ E
(47(1208)04 Tokyo)

96901 3Ed. 11/15/97 LAST NM 2/05 8/05
Add Wreck [K29] 43° 06.6′ N 145° 33.8′ E
(51(1321)04 Tokyo)

96901 3Ed. 11/15/97 LAST NM 8/05 11/05
Add Fish haven symbol [K46.1] 43° 02.9′ N 145° 17.3′ E
(49(1256)04 Tokyo)

96901 3Ed. 11/15/97 LAST NM 11/05 23/05
Add "Marine Farm" area bound by dashed line
joining 44° 05.1′ N 144° 20.4′ E
44° 02.8′ N 144° 23.3′ E
44° 01.3′ N 144° 26.0′ E
43° 58.7′ N 144° 24.1′ E
43° 59.4′ N 144° 21.9′ E
44° 00.2′ N 144° 20.1′ E
44° 02.7′ N 144° 18.8′ E
44° 03.3′ N 144° 19.3′ E
(16(453)05 Tokyo)

96901 3Ed. 11/15/97 LAST NM 23/05 25/05
Add Fish haven symbol [K46.1] 44° 05.0′ N 144° 20.1′ E
(5(123)05 Tokyo)

96901 3Ed. 11/15/97 LAST NM 25/05 28/05
Substitute Depth 4.9 meters for 7.2 meters 43° 22.7′ N 145° 52.5′ E

Add Depth 12.8 meters 43° 22.4′ N 145° 51.7′ E
(22(633)05 Tokyo)

96901 3Ed. 11/15/97 LAST NM 28/05 7/06
Add Fish haven symbol [K46.1] 43° 03.2′ N 145° 16.8′ E
(29(866)05 Tokyo)

96901 3Ed. 11/15/97 LAST NM 7/06 7/07
Change Light to Fl G 4s 5M 43° 05.1′ N 145° 08.0′ E
Light to Fl G 3s 3M 43° 20.4′ N 145° 45.7′ E
Light to Fl G 4s 5M 43° 20.3′ N 145° 45.8′ E
(50(1489, 1490)06 Tokyo)

96901 3Ed. 11/15/97 LAST NM 7/07 17/08
Change Visibility (range) of light to 20M 44° 02.2′ N 145° 13.2′ E
(51(1711)07 Tokyo)

96901 3Ed. 11/15/97 LAST NM 17/08 21/08
Change Visibility (range) of light to 4M 43° 11.0′ N 145° 31.0′ E
(10(309)08 Tokyo)

96901 3Ed. 11/15/97 LAST NM 21/08 24/09
Change Visibility (range) of light (Iso G) to 5M
44° 01.4′ N 144° 17.3′ E

Light (Fl(2) R) to Fl(2) R 6s 15m 7M
44° 01.5′ N 144° 17.5′ E
Light to Fl R 3s 14m 5M 43° 59.5′ N 144° 18.1′ E
(44(1541)08 Tokyo)

96901 3Ed. 11/15/97 LAST NM 24/09 36/09
Change Visibility (range) of light to 15M 43° 16.7′ N 145° 35.3′ E
(22(923)09 Tokyo)

96901 3Ed. 11/15/97 LAST NM 36/09 44/09
Delete Ramark at light 43° 23.1′ N 145° 49.0′ E
(30(1291)09 Tokyo)

96901 3Ed. 11/15/97 LAST NM 44/09 45/09
Change Light to Fl 15s 142m 21M 44° 05.9′ N 145° 00.9′ E
(36(1555)09 Tokyo; Jpn LL)

96901 3Ed. 11/15/97 LAST NM 45/09 47/09
Change Visibility (range) of light to 5M 44° 06.1′ N 145° 14.8′ E
(34(1464)09 Tokyo)

96901 3Ed. 11/15/97 LAST NM 47/09 38/10
Change Visibility (range) of light to 5M 43° 12.6′ N 145° 35.5′ E
(19(763)10 Tokyo)

96901 3Ed. 11/15/97 LAST NM 38/10 22/12
Change Visibility (range) of light to 5M 43° 16.7′ N 145° 34.5′ E
Visibility (range) of light to 5M 44° 01.0′ N 144° 18.2′ E

Light to F Fl R 6s 7/4M & Fl G 3s 7M
44° 04.5′ N 144° 59.6′ E
(19(370, 372)12 Tokyo)

★**96902** 2Ed. 1/26/85 NEW EDITION 14/85
(DMAHTC)

96902 2Ed. 1/26/85 LAST NM 14/85 27/86
Add R Bns at light 43° 31′ 40″N 146° 11′ 57″E
43° 52′ 35″N 146° 49′ 27″E
(15(1122)86 Taunton)

96902 2Ed. 1/26/85 LAST NM 27/86 33/86
Add R Bn 43° 31′ 40″N 146° 11′ 57″E
R Bn at light 43° 52′ 35″N 146° 49′ 27″E
(Cancels 27/86-96902)
(15(1122)86 Taunton)

96902 2Ed. 1/26/85 LAST NM 33/86 47/86
Add Lights
Fl 6s 29m 9M 43° 37.1′ N 146° 21.2′ E
Fl 3s 60m 6M 43° 42.2′ N 146° 38.6′ E
(13(991)86 Taunton; USSR LL)

96902 2Ed. 1/26/85 LAST NM 47/86 6/87
Delete Traffic separation scheme centered 43° 41.0′ N 146° 31.0′ E
(40(7572)86 Leningrad)

96902 2Ed. 1/26/85 LAST NM 6/87 21/87
Delete Note "Traffic ... NM(30)." 43° 24.8′ N 146° 45.0′ E

Relocate Lights
(43° 37.1′ N 146° 21.2′ E) to 43° 36′ 57″N 146° 21′ 36″E
(43° 42.2′ N 146° 38.6′ E) 43° 41′ 58″N 146° 38′ 49″E
(See 47/86-96902)
(USSR CH 1077)

96902 2Ed. 1/26/85 LAST NM 21/87 24/87
Relocate R Bn close ENE to 43° 31′ 51″N 146° 12′ 36″E
(See 33/86-96902)
(USSR CH 1077)

96902 2Ed. 1/26/85 LAST NM 24/87 45/87
Change Height of light to 213ft 43° 50.1′ N 146° 55.3′ E

Add R Bn at light 43° 36′ 57″N 146° 21′ 36″E
(See 21/87-96902)
(BA LL; USSR LL; BA RA)

96902 2Ed. 1/26/85 LAST NM 45/87 18/89
Change Visibility (range) of light to 9M 43° 42.0′ N 146° 38.8′ E
(8(1444)89 Leningrad)

96902 2Ed. 1/26/85 LAST NM 18/89 41/93
Add Buoy BYB, pillar 43° 42.4′ N 146° 24.8′ E
(26(3985)93 St. Petersburg)

96902 2Ed. 1/26/85 LAST NM 41/93 8/95
Delete Depth 4 ½ fathoms 43° 41.9′ N 146° 22.1′ E

Add Depth
2 ¼ fathoms 43° 41′ 48″N 146° 22′ 06″E
5 ¼ fathoms 43° 32′ 54″N 146° 54′ 45″E

Purple composite line
joining 43° 53′ 12″N 146° 50′ 12″E
43° 54′ 24″N 146° 52′ 12″E
43° 53′ 09″N 146° 59′ 00″E
43° 52′ 22″N 147° 00′ 00″E

joining 43° 48′ 24″N 146° 54′ 24″E
43° 41′ 36″N 146° 59′ 24″E
43° 42′ 05″N 147° 00′ 00″E

Legend
"Area No 251" 43° 49′ 00″N 146° 58′ 30″E
"Anchoring and
Fishing Prohibited" 43° 47′ 06″N 146° 58′ 00″E
(50(4186)94 Taunton)

96902 2Ed. 1/26/85 LAST NM 8/95 42/96
Change Light to Fl R 3s 39ft 5M 43° 24.9′ N 145° 54.3′ E
(BA LL)

96902 2Ed. 1/26/85 LAST NM 42/96 43/96
Substitute Light Fl 7 ½s 9M R Bn for R Bn
43° 31′ 51″N 146° 12′ 36″E
(36(3014)96 Taunton)

96902 2Ed. 1/26/85 LAST NM 43/96 23/97
Delete R Bn at light 43° 52.6′ N 146° 49.5′ E
(BA LL)

96902 2Ed. 1/26/85 LAST NM 23/97 46/97
Add Height 95ft to light 43° 36′ 57″N 146° 21′ 36″E

Legend "SEE CAUTION" 43° 47′ 30″N 146° 29′ 00″E
43° 35′ 30″N 146° 34′ 30″E
43° 50′ 30″N 146° 58′ 36″E

Caution note
"CAUTION
Later date sources indicate extensive
changes in hydrography within this area.
Depths may be up to 5 fathoms less than
charted." 43° 25′ 30″N 146° 52′ 00″E
(Rus CH 61018; BA LL)

96902 2Ed. 1/26/85 LAST NM 46/97 10/98
Add Purple tint area (traffic separation
zone) bound by limit joining 43° 36.6′ N 146° 32.4′ E
43° 46.3′ N 146° 28.3′ E
43° 46.5′ N 146° 29.6′ E
43° 37.4′ N 146° 33.4′ E

Purple heavy dashed line (outside limit
of traffic lane)
between 43° 35.0′ N 146° 30.2′ E
43° 45.8′ N 146° 25.6′ E

between 43° 39.0′ N 146° 35.5′ E
43° 47.0′ N 146° 32.2′ E

Open-outlined arrow indicating flow
of traffic oriented
162° 43° 41.2′ N 146° 29.2′ E
342° 43° 42.3′ N 146° 32.5′ E

Note
"TRAFFIC SEPARATION SCHEMES
The Traffic Separation Scheme(s) on this
chart is not approved by the Inter-
national Maritime Organization (IMO)."
43° 24.8′ N 146° 45.0′ E
(GIMM020/98)

96902 2Ed. 1/26/85 LAST NM 10/98 30/01
Add Depth 4 ½ fathoms 43° 44′ 05″N 146° 42′ 26″E
Depth 2 ½ fathoms 43° 44′ 03″N 146° 42′ 17″E
(12(1611)01 St. Petersburg)

96902 2Ed. 1/26/85 LAST NM 30/01 5/02
Change Color of buoy to YBY 43° 42′ 24″N 146° 24′ 48″E

Add Light Fl 5s 79ft 9M 43° 25′ 53″N 146° 04′ 31″E
Light L Fl 6s 72ft 9M 43° 27′ 09″N 145° 57′ 08″E
Light Fl 4s 213ft 8M R Bn 43° 43′ 54″N 146° 43′ 00″E

Obscured sector 132° -257° to light
43° 42′ 00″N 146° 38′ 48″E

Light Fl 4s 39ft 9M Ra Ref with
obscured sector 227° -285° 43° 37′ 34″N 146° 16′ 27″E
(Rus CH 62272; BA LL)

96902 2Ed. 1/26/85 LAST NM 5/02 7/02
Delete Light 43° 52′ 36″N 146° 49′ 30″E

Add Light Fl 5s 22M 43° 52′ 25″N 146° 48′ 56″E
(Rus CH 62272; BA LL)

96902 2Ed. 1/26/85 LAST NM 7/02 45/02
Add Depth 11 ½ fathoms 43° 43′ 12″N 146° 26′ 00″E
Depth 11 ½ fathoms 43° 44′ 12″N 146° 28′ 30″E
Depth 25 fathoms 43° 40′ 30″N 146° 34′ 36″E
Depth 23 fathoms 43° 50′ 00″N 146° 57′ 48″E
(38(1598)98 Tokyo)

★96904 3Ed. 5/31/03 NEW EDITION 34/03
(NIMA)

96904 3Ed. 5/31/03 LAST NM 34/03 44/04
Substitute Depth 4.2 meters for 4.7 meters and legend "S"
43° 40′ 18″N 145° 26′ 37″E

Add Depth 4.6 meters enclosed by depth contour
(5-meter) 43° 40′ 23″N 145° 31′ 38″E
(36(925)04 Tokyo)

96904 3Ed. 5/31/03 LAST NM 44/04 28/05
Substitute Depth 4.9 meters for 7.2 meters
43° 22′ 41″N 145° 52′ 27″E

Add Depth 11.6 meters 43° 24′ 44″N 145° 52′ 18″E
(22(633)05 Tokyo)

96904 3Ed. 5/31/03 LAST NM 28/05 44/09
Delete Ramark at light 43° 23′ 07″N 145° 49′ 00″E
(30(1291)09 Tokyo)

★96906 2Ed. 12/21/96 NEW EDITION 8/97
Change Light to Oc G 4s 9m 10M,
Fl(2) R 6s 12m 9M 44° 35.2′ N 142° 58.0′ E
(NIMA; 49(2304)96 Tokyo; Jpn LL)

96906 2Ed. 12/21/96 LAST NM 8/97 10/97
Change Light to Iso R 4s 14m 7M 45° 02.3′ N 142° 31.0′ E
(3(85)97 Tokyo; Jpn LL)

96906 2Ed. 12/21/96 LAST NM 10/97 46/97
Add Wreck (PA) 45° 06.0′ N 142° 55.3′ E
(Rus CH 61018)

96906 2Ed. 12/21/96 LAST NM 46/97 7/98
Add Submarine cable between 44° 06′ 42″N 144° 08′ 36″E
44° 08′ 26″N 144° 09′ 24″E

Danger circle "Wavemeter" 44° 08′ 26″N 144° 09′ 24″E
(39(1726)97 Tokyo)

96906 2Ed. 12/21/96 LAST NM 7/98 9/98
Add Light Fl G 4s 9m 10M 44° 01′ 18″N 144° 16′ 45″E
(Jpn CH 42; Jpn LL)

96906 2Ed. 12/21/96 LAST NM 9/98 27/98
Add Fish haven symbol 44° 08′ 28″N 144° 14′ 29″E
(16(675)98 Tokyo)

96906 2Ed. 12/21/96 LAST NM 27/98 38/98
Add Depth 5.8 meters 44° 20′ 37″N 143° 22′ 09″E
(22(951)98 Tokyo)

96906 2Ed. 12/21/96 LAST NM 38/98 42/99
Add Fish haven symbol [K46.1] 45° 04′ 48″N 142° 31′ 31″E
(36(1463)99 Tokyo)

96906 2Ed. 12/21/96 LAST NM 42/99 53/00
Delete Light (Fl G 4s) 44° 01′ 26″N 144° 16′ 48″E

Add Light Fl R 3s 3M 44° 59′ 34″N 142° 32′ 34″E
(32(1125, 1126)00 Tokyo; Jpn LL)

96906 2Ed. 12/21/96 LAST NM 53/00 27/02
Change Light (Iso R) to Fl R 3s 15m 6M
44° 07′ 36″N 144° 06′ 18″E

Light (Fl(2) R) to Fl(2) R 6s 15m 10M
44° 01′ 30″N 144° 17′ 42″E
(Jpn LL)

96906 2Ed. 12/21/96 LAST NM 27/02 23/05
Add "Marine Farm" area bound by dashed line
joining 44° 05′ 07″N 144° 20′ 25″E
44° 02′ 50″N 144° 23′ 19″E
44° 01′ 17″N 144° 26′ 01″E
43° 58′ 44″N 144° 24′ 05″E
43° 59′ 23″N 144° 21′ 53″E
44° 00′ 14″N 144° 20′ 05″E
44° 02′ 39″N 144° 18′ 49″E
44° 03′ 16″N 144° 19′ 15″E
(16(453)05 Tokyo)

96906 2Ed. 12/21/96 LAST NM 23/05 25/05
Add Fish haven symbol [K46.1] 44° 05′ 00″N 144° 20′ 06″E
(5(123)05 Tokyo)

96906 2Ed. 12/21/96 LAST NM 25/05 24/09
Change Visibility (range) of light (Iso G) to 5M
44° 01.3′ N 144° 17.3′ E
Visibility (range) of light (Fl(2) R) to 7M
44° 01.5′ N 144° 17.4′ E

Light to Fl R 3s 14m 5M 43° 59.4′ N 144° 18.0′ E
Visibility (range) of light to 4M 44° 31.3′ N 143° 03.8′ E
Light to Fl R 3s 11m 3M 44° 46.9′ N 142° 43.3′ E
(44(1541-1543)08 Tokyo)

96906 2Ed. 12/21/96 LAST NM 24/09 22/12
Change Visibility (range) of light to 5M 44° 00.9′ N 144° 18.2′ E
Visibility (range) of light to 7/4M 44° 10.8′ N 143° 47.1′ E
(19(372)12 Tokyo)

★**96910** 1Ed. 3/5/77 NEW CHART 17/77
(DMAHC)

96910 1Ed. 3/5/77 LAST NM 17/77 49/79
Delete Purple outline of chart 96880 50° 50.7′ N 155° 41.0′ E

Change Light to 2 FR 10M (PA) 50° 40.7′ N 156° 08.3′ E

Add Light Fl R 3½sec 9M (PA) 50° 50.1′ N 155° 39.7′ E
(DMAHTC; NVS5076/79; USSR CH 782 Ed 1966)

96910 1Ed. 3/5/77 LAST NM 49/79 25/80
Delete Light 50° 44.9′ N 156° 08.6′ E

Change Light to Fl 6sec 97m 20M 50° 45′ 50″N 156° 12′ 05″E

Add Light Fl R 5sec 5M 50° 44′ 45″N 156° 08′ 40″E
(15(842)80 Taunton; BA LL)

96910 1Ed. 3/5/77 LAST NM 25/80 8/81
Add R Bn at light 51° 29.2′ N 156° 29.5′ E
(1(29)81 Taunton)

96910 1Ed. 3/5/77 LAST NM 8/81 23/81
Change Light to Gp Fl(2) 15sec 63m 22M
SIREN R Bn 50° 52.2′ N 156° 39.9′ E
(BA LL)

96910 1Ed. 3/5/77 LAST NM 23/81 27/81
Change Light to Fl 7½sec 65m 16M
NAUTO R Bn 50° 51.9′ N 156° 28.7′ E

Fog signal to NAUTO 50° 52.5′ N 156° 40.0′ E
(US CH 96880)

96910 1Ed. 3/5/77 LAST NM 27/81 3/87
Delete Lights 50° 44.8′ N 156° 08.7′ E
50° 40.7′ N 156° 08.3′ E
50° 38.2′ N 156° 24.3′ E
(45(8624)86 Leningrad)

96910 1Ed. 3/5/77 LAST NM 3/87 16/87
Delete NAUTO from light 50° 52.2′ N 156° 39.9′ E
(6(738)87 Leningrad)

96910 1Ed. 3/5/77 LAST NM 16/87 30/87
Delete Light 51° 03.2′ N 156° 56.7′ E
51° 48.0′ N 158° 03.6′ E

Change Light to Fl 5s 9M 50° 56.2′ N 156° 46.7′ E
(BA LL)

96910 1Ed. 3/5/77 LAST NM 30/87 15/92
Substitute R Bn for consol beacon 50° 49.0′ N 156° 26.5′ E
(BA RA)

96910 1Ed. 3/5/77 LAST NM 15/92 7/96
Delete R Bn (PA) 50° 49.0′ N 156° 25.5′ E

Change Light to
Fl 3s 9M (PA) 50° 50.1′ N 155° 39.7′ E
L Fl R 7½s 61m 16M NAUTO R Bn
50° 51.9′ N 156° 28.7′ E
(Rus LL; BA RA)

96910 1Ed. 3/5/77 LAST NM 7/96 35/96
Delete Light 51° 42′ N 156° 30′ E
51° 58′ N 156° 29′ E

Change Visibility (range) of light to 25M 52° 04.0′ N 158° 19.1′ E

Add Depth 33 meters 50° 46.5′ N 155° 50.0′ E
Legend "CHART 96921" 51° 31.8′ N 157° 42.7′ E
(DMA; Rus CH 61036; Rus LL)

96910 1Ed. 3/5/77 LAST NM 35/96 17/97
Add "AREA 23 CAUTION NO 4" bound by
purple dashed line joining 50° 44.0′ N 155° 48.0′ E
50° 46.0′ N 155° 46.0′ E
50° 49.0′ N 155° 53.0′ E
50° 47.0′ N 155° 55.0′ E

Purple dashed line joining 52° 08.0′ N 155° 51.3′ E
51° 50.0′ N 155° 52.0′ E
52° 08.0′ N 155° 33.0′ E

(continued on next page)

96910 (Continued) 17/97
Legend "AREA 24 CAUTION NO 4"
52° 04.0′ N 155° 46.0′ E

Caution No. 4 to CAUTIONS note
"4. Mariners are warned to exercise caution within the areas indicated. The detail of these areas has not been derived from adequate hydrographic surveys and uncharted dangers may exist." 51° 40.0′ N 157° 15.0′ E
(20(3001, 3002)96 St. Petersburg; GIMM059/96)

96910 1Ed. 3/5/77 LAST NM 17/97 23/97
Delete NAUTO from light 50° 51.9′ N 156° 28.7′ E
(BA LL)

96910 1Ed. 3/5/77 LAST NM 23/97 15/98
Add Light Fl 5s 7M 51° 41.8′ N 156° 30.1′ E
(32(4729)97 St. Petersburg)

96910 1Ed. 3/5/77 LAST NM 15/98 8/99
Delete Light 50° 56.2′ N 156° 46.7′ E
51° 06.3′ N 156° 41.4′ E
(20(2983, 3007)98 St. Petersburg)

96910 1Ed. 3/5/77 LAST NM 8/99 12/01
Add Light Fl 5s 9M 50° 56′ 12″N 156° 46′ 30″E
Light L Fl 6s 9M 51° 06′ 13″N 156° 42′ 18″E
(40(6633, 6646)00 St. Petersburg)

96910 1Ed. 3/5/77 LAST NM 12/01 33/01
Change Light to Fl R 6s 12M R Bn 51° 29′ 15″N 156° 29′ 34″E
(17(2478)01 St. Petersburg)

96910 1Ed. 3/5/77 LAST NM 33/01 6/02
Delete "CAUTION NO 2" area and legend in vicinity
50° 49′ 00″N 156° 08′ 00″E

Light 50° 50′ 06″N 155° 39′ 42″E

Change Caution No. 2 of CAUTIONS note to
"2. Reserved." 51° 42′ 18″N 157° 07′ 00″E
(Rus CH 62277)

96910 1Ed. 3/5/77 LAST NM 6/02 7/02
Change Light to Fl 6s 105m 22M R Bn 50° 45′ 50″N 156° 12′ 05″E
(Rus CH 62277; BA LL)

96910 1Ed. 3/5/77 LAST NM 7/02 8/02
Delete Light 50° 52′ 12″N 156° 39′ 54″E
Note: R Bn remains
(BA LL)

96910 1Ed. 3/5/77 LAST NM 8/02 10/03
Change Visibility (range) of light to 4M
51° 29′ 15″N 156° 29′ 34″E
(16(2293)02 St. Petersburg)

96910 1Ed. 3/5/77 LAST NM 10/03 46/04
Delete "AREA 23 CAUTION NO 4" in vicinity
50° 46′ 30″N 155° 50′ 30″E
(18(2737)04 St. Petersburg)

96910 1Ed. 3/5/77 LAST NM 46/04 46/08
Change Visibility (range) of light to 29M
52° 04′ 06″N 158° 19′ 06″E
(38(5720)07 St. Petersburg)

96910 1Ed. 3/5/77 LAST NM 46/08 5/10
Add Light Fl 3s 9M 50° 50.3′ N 155° 39.8′ E
(41(5506)09 St. Petersburg)

96910 1Ed. 3/5/77 LAST NM 5/10 14/10
Delete Depth 33 meters 50° 46.5′ N 155° 50.0′ E
(18(2737)04 St. Petersburg)

96910 1Ed. 3/5/77 LAST NM 14/10 16/11
Change Visibility (range) of light to 9M 51° 29.2′ N 156° 29.4′ E
(23(3319)06 St. Petersburg)

★96931 1Ed. 12/16/10 NEW CHART N21/11
(NGA)

★96933 1Ed. 8/23/12 NEW CHART N51/12
(NGA)

★96937 2Ed. 1/16/99 NEW EDITION 28/99
(NIMA)

96937 2Ed. 1/16/99 LAST NM 28/99 43/99
Delete HORN from light 45° 26′ 54.0″N 141° 38′ 42.0″E
(16(676)98 Tokyo)

96937 2Ed. 1/16/99 LAST NM 43/99 40/02
(Plan)
Add Land tint with legend "Under reclamation" to area bound by shore and dashed line joining
45° 24′ 57.5″N 141° 41′ 00.6″E
45° 24′ 57.3″N 141° 41′ 01.7″E
45° 24′ 56.4″N 141° 41′ 01.4″E

Land tint with legend "Under reclamation" to area bound by shore and dashed line joining
45° 24′ 55.6″N 141° 41′ 08.6″E
45° 24′ 55.4″N 141° 41′ 09.1″E
45° 24′ 54.8″N 141° 41′ 09.0″E
45° 24′ 54.9″N 141° 41′ 08.8″E
45° 24′ 53.1″N 141° 41′ 08.4″E
45° 24′ 53.1″N 141° 41′ 08.6″E
45° 24′ 52.1″N 141° 41′ 08.3″E
45° 24′ 52.8″N 141° 41′ 02.2″E
45° 24′ 52.0″N 141° 41′ 02.0″E
45° 24′ 52.2″N 141° 41′ 00.9″E
(34(1166)02 Tokyo)

96937 2Ed. 1/16/99 LAST NM 40/02 36/04
Change Visibility (range) of beacon to 8M
45° 25′ 38.0″N 141° 44′ 57.0″E
(38(1545)99 Tokyo; Jpn LL)

96937 2Ed. 1/16/99 LAST NM 36/04 34/05
(Plan)
Delete Depth 6.5 meters and enclosing danger circle
45° 24′ 57.0″N 141° 41′ 04.0″E
Foul ground symbols (2) in vicinity
45° 24′ 56.5″N 141° 41′ 03.1″E

Depth 5.5 meters 45° 24′ 44.8″N 141° 40′ 57.0″E
Depth 5 meters 45° 24′ 43.3″N 141° 40′ 52.8″E
Depth 6.4 meters 45° 24′ 41.7″N 141° 40′ 55.4″E
Depth 6.4 meters 45° 24′ 40.2″N 141° 40′ 56.3″E
Depth 6.6 meters 45° 24′ 38.5″N 141° 40′ 57.0″E
Depth 6.1 meters 45° 24′ 37.0″N 141° 40′ 57.2″E
Depth 6.8 meters 45° 24′ 36.1″N 141° 40′ 57.5″E
Depth 6.1 meters 45° 24′ 36.3″N 141° 41′ 01.9″E
Depth 6.1 meters 45° 24′ 36.1″N 141° 41′ 05.5″E
Foul ground symbol 45° 24′ 38.8″N 141° 41′ 00.1″E
Depth 6 meters 45° 24′ 39.5″N 141° 41′ 00.0″E
Depth 5.8 meters 45° 24′ 42.4″N 141° 41′ 01.0″E
Depth 6.8 meters 45° 24′ 43.6″N 141° 41′ 00.1″E
Depth 6 meters 45° 24′ 46.8″N 141° 41′ 02.5″E
Depth 6.6 meters 45° 24′ 45.3″N 141° 41′ 02.6″E
Depth 6.4 meters 45° 24′ 43.4″N 141° 41′ 04.3″E
Depth 6.9 meters 45° 24′ 40.8″N 141° 41′ 04.0″E
Depth 6.5 meters 45° 24′ 39.8″N 141° 41′ 03.0″E
Depth 7 meters 45° 24′ 38.0″N 141° 41′ 03.2″E
Depth 6.4 meters 45° 24′ 38.8″N 141° 41′ 06.0″E
Depth 6.6 meters 45° 24′ 42.5″N 141° 41′ 06.6″E
Foul ground symbol 45° 24′ 43.7″N 141° 41′ 08.5″E
Depth 6.7 meters 45° 24′ 44.0″N 141° 41′ 08.5″E
Depth 6.7 meters 45° 24′ 45.5″N 141° 41′ 05.3″E
Danger circle "Obstn" 45° 24′ 47.0″N 141° 41′ 10.0″E

Depth 6.7 meters and enclosing danger circle
45° 24′ 40.2″N 141° 40′ 56.3″E

Foul ground symbol 45° 24′ 46.9″N 141° 41′ 11.8″E
Depth 6.6 meters 45° 24′ 43.2″N 141° 41′ 12.0″E
Depth 6 meters 45° 24′ 41.7″N 141° 41′ 11.8″E

Substitute Depth 6.6 meters for 6.4 meters and enclosing danger circle 45° 24′ 57.1″N 141° 41′ 02.9″E

(continued on next page)

96937 (Continued) 34/05

Depth 7.5 meters for 5.4 meters
45° 24′ 43.2″N 141° 40′ 54.0″E
Depth 5.8 meters for 6.4 meters
45° 24′ 36.7″N 141° 41′ 05.4″E
Depth 7.5 meters for 6 meters
45° 24′ 37.4″N 141° 41′ 00.8″E
Depth 7.6 meters for foul ground symbol
45° 24′ 43.0″N 141° 41′ 04.2″E

Add Land tint to area bound by shore and solid line
joining 45° 24′ 57.6″N 141° 41′ 00.3″E
45° 24′ 57.4″N 141° 41′ 01.9″E
45° 24′ 56.3″N 141° 41′ 01.8″E

Land tint to area bound by shore and solid line
joining 45° 24′ 55.5″N 141° 41′ 08.2″E
45° 24′ 55.4″N 141° 41′ 09.0″E
45° 24′ 51.2″N 141° 41′ 08.5″E
45° 24′ 51.8″N 141° 41′ 02.2″E
45° 24′ 51.0″N 141° 41′ 02.1″E
45° 24′ 51.2″N 141° 41′ 00.8″E
Note: Reclamation completed

Dashed line joining 45° 24′ 52.1″N 141° 40′ 55.0″E
45° 24′ 51.3″N 141° 40′ 54.8″E
45° 24′ 52.0″N 141° 40′ 49.2″E
45° 24′ 51.4″N 141° 40′ 49.0″E
45° 24′ 51.8″N 141° 40′ 47.3″E
and delete hydrography shoreward of above
dashed line

Land tint to area bound by shore and solid line
joining 45° 24′ 36.0″N 141° 41′ 04.9″E
45° 24′ 36.2″N 141° 41′ 04.9″E
45° 24′ 36.2″N 141° 40′ 58.2″E
45° 24′ 36.0″N 141° 40′ 58.2″E

Depth 5.2 meters 45° 24′ 53.8″N 141° 41′ 09.0″E
Depth 5.2 meters 45° 24′ 52.2″N 141° 41′ 09.0″E
Depth 8.8 meters 45° 24′ 47.0″N 141° 41′ 02.0″E
Depth 7.5 meters 45° 24′ 43.1″N 141° 40′ 54.0″E
Depth 7.7 meters 45° 24′ 41.0″N 141° 40′ 54.0″E
Depth 7.6 meters 45° 24′ 38.0″N 141° 40′ 54.0″E
Depth 5.8 meters 45° 24′ 36.0″N 141° 40′ 56.5″E
Depth 7.8 meters 45° 24′ 38.2″N 141° 40′ 57.1″E
Depth 7.5 meters 45° 24′ 41.1″N 141° 40′ 58.2″E
Depth 7.5 meters 45° 24′ 43.9″N 141° 40′ 58.3″E
Depth 7.6 meters 45° 24′ 43.7″N 141° 41′ 01.9″E
Bottom descriptor R 45° 24′ 40.5″N 141° 41′ 03.6″E
Depth 7.5 meters 45° 24′ 40.3″N 141° 41′ 01.9″E
Bottom descriptor R 45° 24′ 38.0″N 141° 41′ 00.5″E
Depth 7.5 meters 45° 24′ 36.5″N 141° 40′ 58.3″E
Depth 7.5 meters 45° 24′ 36.5″N 141° 41′ 03.2″E
Depth 7.6 meters 45° 24′ 38.5″N 141° 41′ 04.5″E
Depth 7.8 meters 45° 24′ 39.5″N 141° 41′ 06.4″E
Depth 7.9 meters 45° 24′ 44.0″N 141° 41′ 06.2″E
Depth 7.7 meters 45° 24′ 44.5″N 141° 41′ 11.1″E
Bottom descriptor M [J2] 45° 24′ 43.0″N 141° 41′ 13.1″E
Depth 7.6 meters 45° 24′ 41.6″N 141° 41′ 12.5″E
(24(697)05 Tokyo)

96937 2Ed. 1/16/99 LAST NM 34/05 15/08

Add Double solid line with land tint (breakwater)
[F4.1] between 45° 26′ 49.9″N 141° 37′ 53.2″E
45° 26′ 52.0″N 141° 37′ 57.4″E
(48(1587)07 Tokyo)

96937 2Ed. 1/16/99 LAST NM 15/08 18/08

Add Double solid line with land tint (breakwater)
[F4.1] between 45° 24′ 48.7″N 141° 45′ 13.0″E
45° 24′ 48.7″N 141° 45′ 22.2″E
(45(1492)07 Tokyo)

96937 2Ed. 1/16/99 LAST NM 18/08 44/09

Change Visibility (range) of light to 5M
45° 24′ 54.3″N 141° 41′ 47.0″E

(Plan)
Change Visibility (range) of light to 5M
45° 24′ 54.3″N 141° 41′ 47.0″E
(40(1704)09 Tokyo)

96937 2Ed. 1/16/99 LAST NM 44/09 52/09

Delete Light 45° 24′ 40.5″N 141° 40′ 45.0″E

(Plan)
Delete Light 45° 24′ 40.3″N 141° 40′ 45.0″E
(42(1798)09 Tokyo)

96937 2Ed. 1/16/99 LAST NM 52/09 17/12

(Plan)
Add Land tint to area bound by shore and solid line
[F13] joining 45° 25′ 03.7″N 141° 40′ 45.2″E
45° 25′ 03.9″N 141° 40′ 46.0″E
45° 25′ 02.2″N 141° 40′ 46.9″E
and delete all hydrography within above area

Land tint to area bound by shore and solid line
[F13] joining 45° 24′ 59.8″N 141° 40′ 48.2″E
45° 24′ 59.1″N 141° 40′ 55.0″E
45° 24′ 58.2″N 141° 40′ 54.8″E
and delete all hydrography within above area
(21(703)08 Tokyo)

★96938 4Ed. 1/18/97 NEW EDITION 11/97

Delete Depth
13.2 meters 45° 31.1′ N 140° 58.0′ E
3.1 meters 45° 30.7′ N 140° 57.8′ E

Relocate Light close W to 45° 23′ 24″N 141° 38′ 15″E

Change Light to Iso R 4s 14m 7M 45° 02.3′ N 142° 31.0′ E

Add Depth
9.7 meters 45° 31′ 06″N 140° 58′ 08″E
1.2 meters 45° 30′ 54″N 140° 57′ 42″E

Position circle
"Lt" 45° 27′ 21″N 141° 02′ 42″E
"Tr (183)" 45° 26′ 12″N 141° 03′ 06″E
"Tr" 45° 26′ 01″N 141° 01′ 24″E
"Tr (202)" 45° 17′ 49″N 141° 02′ 23″E

Light Fl R 3s 12m 11M 45° 24′ 39″N 141° 42′ 41″E
(NIMA; GIMM045/96; Jpn CH 33; Jpn LL)

96938 4Ed. 1/18/97 LAST NM 11/97 13/97

Change Light to Iso R 12M, Fl R 3M 45° 31.2′ N 141° 56.9′ E
(6(235)97 Tokyo)

96938 4Ed. 1/18/97 LAST NM 13/97 30/97

Change Light to Iso R 6s 13m 12M 45° 27.4′ N 140° 58.7′ E
(17(734)97 Tokyo)

96938 4Ed. 1/18/97 LAST NM 30/97 38/97

Substitute Disused submarine cable for
submarine cable
between 45° 16.9′ N 142° 13.8′ E
45° 55.1′ N 142° 18.4′ E

between 45° 16.9′ N 142° 13.8′ E
45° 55.1′ N 142° 39.7′ E

between 45° 16.9′ N 142° 13.8′ E
45° 55.1′ N 142° 41.8′ E

between 45° 16.9′ N 142° 13.8′ E
45° 46.0′ N 142° 46.8′ E

between 45° 16.9′ N 142° 13.8′ E
45° 32.2′ N 142° 46.8′ E

between 45° 20.8′ N 141° 39.2′ E
45° 55.1′ N 141° 17.7′ E
(21(969)97 Tokyo)

96938 4Ed. 1/18/97 LAST NM 38/97 9/98

Change Visibility (range) of beacon to 12M 45° 25.6′ N 141° 45.0′ E
(41(1792)97 Tokyo)

96938 4Ed. 1/18/97 LAST NM 9/98 9/99

Delete Light (Fl G) 45° 11.3′ N 141° 08.2′ E

Add Light Fl(2) R 6s 16m 6M 45° 11′ 29″N 141° 07′ 51″E
(49(2115)97 Tokyo)

96938 4Ed. 1/18/97 LAST NM 9/99 42/99

Add Fish haven symbol [K46.1] 45° 04′ 48″N 142° 31′ 31″E
(36(1463)99 Tokyo)

96938 4Ed. 1/18/97 LAST NM 42/99 43/99

Delete HORN from light 45° 26′ 54″N 141° 38′ 42″E

Add Fish haven symbol [K46.1] 45° 09′ 32″N 141° 08′ 28″E
(16(676)98, 37(1502)99 Tokyo)

96938 4Ed. 1/18/97 LAST NM 43/99 6/00
Change Light to Fl R 3s 9M 45° 18′ 08″N 141° 02′ 58″E

Add Light Fl(2) R 6s 6M 45° 17′ 50″N 141° 03′ 05″E
(44(1771)99 Tokyo)

96938 4Ed. 1/18/97 LAST NM 6/00 53/00
Add Light Fl R 3s 3M 44° 59′ 34″N 142° 32′ 34″E
Light Fl R 3s 3M 45° 04′ 52″N 141° 37′ 50″E
(32(1126, 1127)00 Tokyo; Jpn LL)

96938 4Ed. 1/18/97 LAST NM 53/00 9/02
Add Depth 23 meters 45° 46′ 15″N 142° 17′ 45″E
(Rus CH 62100)

96938 4Ed. 1/18/97 LAST NM 9/02 4/03
Add Light Fl G 3s 10m 6M 44° 52′ 11″N 141° 44′ 05″E
(1(2)99 Tokyo)

96938 4Ed. 1/18/97 LAST NM 4/03 34/04
Add Depth 104 meters 45° 47′ 12″N 141° 20′ 54″E
(16(433)04 Tokyo)

96938 4Ed. 1/18/97 LAST NM 34/04 36/04
Change Visibility (range) of beacon to 8M
45° 25′ 38″N 141° 44′ 57″E
(38(1545)99 Tokyo; Jpn LL)

96938 4Ed. 1/18/97 LAST NM 36/04 8/05
Add Fish haven symbol [K46.1] 45° 12′ 18″N 141° 07′ 00″E
(1(2)05 Tokyo)

96938 4Ed. 1/18/97 LAST NM 8/05 21/06
Delete Light 45° 14′ 34″N 141° 13′ 52″E

Change Visibility (range) of light to 5M
45° 14′ 32″N 141° 14′ 06″E
(46(1365)05 Tokyo)

96938 4Ed. 1/18/97 LAST NM 21/06 31/07
Change Light to Fl G 3s 11m 3M 45° 20′ 16″N 141° 03′ 07″E
(23(728)07 Tokyo)

96938 4Ed. 1/18/97 LAST NM 31/07 17/08
Delete Light 45° 30′ 47″N 141° 53′ 30″E

Change Light to Fl R 5s 12m 3M 45° 23′ 21″N 141° 03′ 24″E
Light to Fl R 4s 13m 3M 45° 27′ 23″N 140° 58′ 40″E

Add Light Oc R 4s 13m 8M 45° 30′ 47″N 141° 53′ 48″E
(49(1624, 1625)07, 4(113)08 Tokyo; Jpn LL)

96938 4Ed. 1/18/97 LAST NM 17/08 24/09
Substitute Disused submarine cable [L32] for
submarine cable between 45° 17.8′ N 141° 02.7′ E
45° 14.7′ N 141° 13.8′ E
(17(696), 19(790)09 Tokyo)

96938 4Ed. 1/18/97 LAST NM 24/09 44/09
Change Visibility (range) of light to 5M 45° 24.9′ N 141° 41.8′ E
(40(1704)09 Tokyo)

96938 4Ed. 1/18/97 LAST NM 44/09 45/09
Change Visibility (range) of light (Iso R) to 5M
45° 31.2′ N 141° 56.9′ E
(35(1503)09 Tokyo)

96938 4Ed. 1/18/97 LAST NM 45/09 17/12
Change Light to Fl R 3s 13m 3M 45° 30.8′ N 141° 53.8′ E
Visibility (range) of light to 4M 45° 29.1′ N 141° 52.6′ E
(Jpn LL)

★**96939** 3Ed. 1/18/97 NEW EDITION 13/97
Substitute Depth 8.2 meters Rk for
18.2 meters rky 44° 19.3′ N 141° 38.1′ E

Change Light to F Fl R 4s 12/6M, Iso G 11M,
Iso R 7M 44° 26.4′ N 141° 19.8′ E
(NIMA; 3(87)97 Tokyo; Jpn CH 1045)

96939 3Ed. 1/18/97 LAST NM 13/97 15/98
Add Submarine pipeline (water) between
44° 21′ 11″N 141° 41′ 01″E
44° 21′ 18″N 141° 40′ 24″E
(7(289)98 Tokyo)

96939 3Ed. 1/18/97 LAST NM 15/98 52/98
Add Fish haven symbol 44° 32′ 57″N 141° 45′ 10″E
(32(1333)98 Tokyo)

96939 3Ed. 1/18/97 LAST NM 52/98 2/99
Add Fish haven symbol 44° 36′ 52″N 141° 41′ 50″E
44° 33′ 36″N 141° 45′ 08″E
(42(1738)98 Tokyo)

96939 3Ed. 1/18/97 LAST NM 2/99 9/99
Delete Light (Fl G) 45° 11.3′ N 141° 08.2′ E

Add Light Fl(2) R 6s 16m 6M 45° 11′ 29″N 141° 07′ 51″E
(49(2115)97 Tokyo)

96939 3Ed. 1/18/97 LAST NM 9/99 43/99
Add Fish haven symbol [K46.1] 45° 09′ 32″N 141° 08′ 28″E
(37(1502)99 Tokyo)

96939 3Ed. 1/18/97 LAST NM 43/99 53/00
Add Light Fl R 3s 3M 45° 04′ 52″N 141° 37′ 50″E
(32(1127)00 Tokyo; Jpn LL)

96939 3Ed. 1/18/97 LAST NM 53/00 41/01
Delete Stranded wreck 43° 58′ 15″N 141° 38′ 14″E
(36(1427)01 Tokyo)

96939 3Ed. 1/18/97 LAST NM 41/01 4/03
Add Light Fl G 3s 10m 6M 44° 52′ 11″N 141° 44′ 05″E
(1(2)99 Tokyo)

96939 3Ed. 1/18/97 LAST NM 4/03 7/03
Change Light to Fl R 4s 7M 44° 09′ 31″N 141° 39′ 14″E
(51(1779)02 Tokyo)

96939 3Ed. 1/18/97 LAST NM 7/03 9/03
Add Fish haven symbol [K46.1] 44° 25′ 33″N 141° 24′ 03″E
(18(608)00 Tokyo)

96939 3Ed. 1/18/97 LAST NM 9/03 22/03
Change Visibility (range) of light to 3M
44° 32′ 07″N 141° 45′ 42″E
(15(534)03 Tokyo)

96939 3Ed. 1/18/97 LAST NM 22/03 8/05
Add Fish haven symbol [K46.1] 45° 12′ 18″N 141° 07′ 00″E
Fish haven symbol [K46.1] 44° 48′ 48″N 141° 39′ 52″E
(49(1257)04, 1(2)05 Tokyo)

96939 3Ed. 1/18/97 LAST NM 8/05 1/06
Change Visibility (range) of beacon to 7M
44° 26′ 42″N 141° 19′ 41″E
(42(1241)05 Tokyo)

96939 3Ed. 1/18/97 LAST NM 1/06 21/06
Delete Light 45° 14′ 34″N 141° 13′ 52″E

Change Visibility (range) of light to 5M
45° 14′ 32″N 141° 14′ 06″E
(46(1365)05 Tokyo)

96939 3Ed. 1/18/97 LAST NM 21/06 8/08
Change Light to Fl R 7M 44° 22′ 30″N 141° 41′ 45″E
(52(1751)07 Tokyo)

96939 3Ed. 1/18/97 LAST NM 8/08 14/08
Change Light to Fl G 4s 3M, Fl R 4s 5M, Iso R 5M
44° 26.4′ N 141° 19.8′ E

Visibility (range) of light to 3M 44° 25.6′ N 141° 19.9′ E
(50(1674), 52(1775)07 Tokyo)

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96939 3Ed. 1/18/97 LAST NM 14/08 17/08
Change Light to Fl R 3s 5M 44° 26.6′ N 141° 23.9′ E
(50(1673)07 Tokyo)

96939 3Ed. 1/18/97 LAST NM 17/08 24/09
Substitute Disused submarine cable [L32] for
submarine cable between 45° 17.6′ N 141° 03.8′ E
45° 16.1′ N 141° 08.5′ E

Disused submarine cable [L32] for
submarine cable between 45° 16.1′ N 141° 13.5′ E
45° 14.7′ N 141° 13.8′ E

Change Light to Fl R 4s 5M, Fl G 4s 3M 44° 26.4′ N 141° 19.8′ E
(44(1544)08, 17(696), 19(790)09 Tokyo)

96939 3Ed. 1/18/97 LAST NM 24/09 36/09
Delete Submarine cable between 44° 22.0′ N 141° 41.5′ E
44° 25.3′ N 141° 19.5′ E

Submarine cables (2) between 44° 22.1′ N 141° 41.5′ E
44° 26.2′ N 141° 25.7′ E

Add Submarine cable [L30.1] joining 44° 21.9′ N 141° 41.5′ E
44° 22.1′ N 141° 37.2′ E
44° 22.5′ N 141° 36.8′ E
44° 23.8′ N 141° 32.1′ E
44° 24.4′ N 141° 24.5′ E
44° 24.8′ N 141° 22.0′ E
44° 24.8′ N 141° 21.3′ E
44° 25.1′ N 141° 20.7′ E
44° 25.3′ N 141° 19.6′ E

Disused submarine cable [L32] between
44° 23.6′ N 141° 37.0′ E
44° 26.2′ N 141° 25.7′ E
(Jpn CH W1045)

96939 3Ed. 1/18/97 LAST NM 36/09 8/10
Change Visibility (range) of light to 5M 44° 26.5′ N 141° 25.7′ E
(47(1990)09 Tokyo)

96939 3Ed. 1/18/97 LAST NM 8/10 42/10
Change Visibility (range) of light to 7M 44° 24.9′ N 141° 17.7′ E
Visibility (range) of light to 20M 44° 26.3′ N 141° 19.4′ E
(24(968)10 Tokyo)

★**96941** 8Ed. 5/31/97 NEW EDITION 32/97
(NIMA)

96941 8Ed. 5/31/97 LAST NM 32/97 49/97
Delete Buoy 43° 15.3′ N 140° 49.1′ E
(25(1125)97 Tokyo)

96941 8Ed. 5/31/97 LAST NM 49/97 28/98
Add Fish haven symbol 43° 17′ 32″N 141° 18′ 11″E
(19(794)98 Tokyo)

96941 8Ed. 5/31/97 LAST NM 28/98 39/99
Delete Light 43° 21.2′ N 140° 27.8′ E
(13(563)98 Tokyo)

96941 8Ed. 5/31/97 LAST NM 39/99 45/99
Add Light [P1] Dir F WRG 9M 43° 12.6′ N 140° 51.6′ E
(19(795)98 Tokyo; Jpn LL)

96941 8Ed. 5/31/97 LAST NM 45/99 52/99
Add Depth 7.4 meters [I10] 42° 59.8′ N 140° 31.3′ E
(42(1726)99 Tokyo)

96941 8Ed. 5/31/97 LAST NM 52/99 1/01
Change Visibility (range) of light to 3M 43° 13.0′ N 140° 19.6′ E

Add Light Fl G 3s 8m 3M 43° 21.3′ N 140° 27.7′ E
(33(1159, 1160)00 Tokyo; Jpn LL)

96941 8Ed. 5/31/97 LAST NM 1/01 5/01
Add Light Fl(2) R 6s 4M 43° 20.0′ N 140° 22.7′ E
(35(1255)00 Tokyo; Jpn LL)

96941 8Ed. 5/31/97 LAST NM 5/01 47/02
Change Light to Fl G 3s 13m 7M 43° 23.8′ N 141° 25.7′ E
(41(1396)02 Tokyo)

96941 8Ed. 5/31/97 LAST NM 47/02 47/03
Delete Submarine cable in vicinity 43° 34.0′ N 140° 28.0′ E
(40(1501)03 Tokyo)

96941 8Ed. 5/31/97 LAST NM 47/03 9/04
Change Visibility (range) of light to 8M 43° 11.9′ N 141° 01.5′ E
(51(1866)03 Tokyo)

96941 8Ed. 5/31/97 LAST NM 9/04 16/04
Add Submarine pipeline [L40.1] joining 43° 00.2′ N 140° 25.3′ E
43° 00.3′ N 140° 25.9′ E
42° 59.8′ N 140° 29.7′ E
42° 59.4′ N 140° 30.5′ E
(3(53)04 Tokyo)

96941 8Ed. 5/31/97 LAST NM 16/04 32/04
Add Submarine cable [L30.1] joining 43° 42.0′ N 141° 15.2′ E
43° 16.3′ N 141° 10.5′ E
43° 17.0′ N 141° 10.0′ E
43° 24.6′ N 141° 00.1′ E
43° 33.1′ N 140° 55.8′ E
43° 36.1′ N 140° 46.3′ E
43° 43.8′ N 140° 36.3′ E
43° 43.9′ N 140° 16.0′ E
43° 49.3′ N 140° 09.8′ E
43° 49.5′ N 140° 02.7′ E
43° 42.0′ N 139° 52.8′ E
43° 42.0′ N 139° 35.8′ E

Submarine cable [L30.1] joining 43° 16.3′ N 141° 10.5′ E
43° 23.7′ N 140° 58.7′ E
43° 32.7′ N 140° 53.5′ E
43° 42.0′ N 140° 20.0′ E
43° 42.0′ N 140° 17.0′ E
43° 38.0′ N 139° 55.0′ E
43° 26.5′ N 139° 35.8′ E
(35(1427)99 Tokyo)

96941 8Ed. 5/31/97 LAST NM 32/04 36/04
Change Visibility (range) of light to 3M 42° 59.2′ N 140° 30.6′ E
(40(1624)99 Tokyo)

96941 8Ed. 5/31/97 LAST NM 36/04 19/05
Add Fish haven symbol [K46.1] 43° 18.0′ N 141° 18.2′ E
(13(362)05 Tokyo)

96941 8Ed. 5/31/97 LAST NM 19/05 48/06
Change Light to Fl R 4s 15m 7M 43° 12.0′ N 141° 01.6′ E
(33(956)06 Tokyo)

96941 8Ed. 5/31/97 LAST NM 48/06 9/07
Change Light to Fl R 5M 43° 12.8′ N 141° 01.0′ E
(48(1418)06 Tokyo)

96941 8Ed. 5/31/97 LAST NM 9/07 19/08
Add Fish haven symbol [K46.1] 43° 14.1′ N 140° 49.8′ E
(14(406)08 Tokyo)

96941 8Ed. 5/31/97 LAST NM 19/08 28/08
Change Light to Fl R 3s 12m 5M 43° 12.8′ N 140° 46.9′ E
(22(742)08 Tokyo)

96941 8Ed. 5/31/97 LAST NM 28/08 3/09
Change Visibility (range) of light to 7M 43° 13.9′ N 141° 00.9′ E
(Jpn LL)

96941 8Ed. 5/31/97 LAST NM 3/09 23/09
Change Visibility (range) of light to 13-10M
43° 12.6′ N 140° 51.6′ E
Characteristic of light to Fl 8s 43° 14.3′ N 141° 00.8′ E
(8(299), 12(476)09 Tokyo)

96941 8Ed. 5/31/97 LAST NM 23/09 24/09
Delete R Bn and Ramark 43° 22.2′ N 140° 28.0′ E

Change Light to Fl 15s 82m 21M 43° 20.0′ N 140° 20.8′ E
Visibility (range) of light to 19M 43° 22.4′ N 140° 28.8′ E
(47(1646)08, 3(95)09 Tokyo)

96941 8Ed. 5/31/97 LAST NM 24/09 32/09
Delete Light 43° 16.1′ N 141° 22.5′ E
(Jpn LL)

96941 8Ed. 5/31/97 LAST NM 32/09 38/09
Change Light to Fl(2) R 5s 12m 3M 43° 11.9′ N 140° 47.5′ E
(Jpn LL)

96941 8Ed. 5/31/97 LAST NM 38/09 5/10
Change Visibility (range) of light to 7M 43° 13.7′ N 141° 17.3′ E
Visibility (range) of light to 5M 43° 13.9′ N 141° 00.9′ E
(45(1921, 1922)09 Tokyo)

96941 8Ed. 5/31/97 LAST NM 5/10 21/12
Change Light to F Fl G 6s 5/2M, Fl R 3s 5M
43° 36.2′ N 141° 22.8′ E
Light (Fl G) to Fl G 3M, F Fl R 7/3M
43° 12.7′ N 140° 46.6′ E
(18(358)12 Tokyo)

★**96943** 15Ed. 12/9/95 NEW EDITION 7/96
Delete Light 41° 11.7′ N 140° 59.5′ E
(Previously published 3/96)

Add Light Fl G 4s 5M 41° 11′ 41″N 140° 59′ 06″E
(Previously published 3/96)

Change Light to
Iso G 4s 13m 12M, Iso R 4s 11m 7M
41° 28.7′ N 140° 15.7′ E
(Previously published 5/96)

Delete Legend "Fl 5s 12M" 41° 06.8′ N 140° 12.3′ E
HORN from light 41° 25.8′ N 141° 27.7′ E
(DMA; Jpn LL)

96943 15Ed. 12/9/95 LAST NM 7/96 8/96
Add Light Fl(2) G 6s 3M 41° 11′ 14″N 140° 57′ 50″E
(3(93)96 Tokyo)

96943 15Ed. 12/9/95 LAST NM 8/96 18/96
Change Light to Oc G 8s 16m 12M 42° 04.4′ N 140° 03.6′ E
(13(576)96 Tokyo)

96943 15Ed. 12/9/95 LAST NM 18/96 26/96
Add Fish haven symbol 41° 34.5′ N 140° 54.5′ E
(20(945)96 Tokyo)

96943 15Ed. 12/9/95 LAST NM 26/96 29/96
Delete Submarine cable between 41° 12.0′ N 140° 30.6′ E
41° 40.5′ N 140° 26.3′ E
(23(1098)96 Tokyo)

96943 15Ed. 12/9/95 LAST NM 29/96 39/96
Add Wreck 41° 19.0′ N 139° 54.9′ E
(33(1590)96 Tokyo)

96943 15Ed. 12/9/95 LAST NM 39/96 45/96
Add Fish haven symbol 41° 44.6′ N 140° 50.3′ E
(39(1877)96 Tokyo)

96943 15Ed. 12/9/95 LAST NM 45/96 51/96
Change Characteristic of light to Iso 6s 41° 48.9′ N 141° 11.0′ E
(46(2184)96 Tokyo)

96943 15Ed. 12/9/95 LAST NM 51/96 5/97
Change Light to Iso 6s 34m 16M 41° 42.3′ N 140° 01.3′ E

Add Light Fl R 3s 6M 41° 32.2′ N 140° 54.3′ E
(50(2339), 52(2406)96 Tokyo)

96943 15Ed. 12/9/95 LAST NM 5/97 7/97
Add Dangerous wreck 41° 45.2′ N 140° 02.4′ E
(1(1)97 Tokyo)

96943 15Ed. 12/9/95 LAST NM 7/97 12/97
Delete Submarine cable in vicinity 42° 09.1′ N 140° 41.3′ E
42° 09.1′ N 140° 42.2′ E
(4(129)97 Tokyo)

96943 15Ed. 12/9/95 LAST NM 12/97 15/97
Add Buoy "1" G, pillar, can topmark,
Fl G 4s 41° 25.2′ N 141° 13.0′ E
(Jpn CH 10; Jpn LL)

96943 15Ed. 12/9/95 LAST NM 15/97 24/97
Add Buoy Y, pillar, "X" topmark,
Fl(5) Y 20s 41° 24′ 10″N 141° 17′ 23″E
(14(599)97 Tokyo)

96943 15Ed. 12/9/95 LAST NM 24/97 46/97
Add Wreck 41° 28.7′ N 141° 26.7′ E
(33(1500)97 Tokyo)

96943 15Ed. 12/9/95 LAST NM 46/97 47/97
Add Buoy
"1" G, pillar, can topmark, Fl G 4s
41° 23′ 39″N 141° 17′ 07″E
"2" R, pillar, cone topmark, Fl R 4s
41° 23′ 45″N 141° 16′ 58″E
(38(1692)97 Tokyo)

96943 15Ed. 12/9/95 LAST NM 47/97 51/97
Add Wreck 42° 02.0′ N 141° 11.3′ E
42° 05.6′ N 141° 08.2′ E
(45(1950)97 Tokyo)

96943 15Ed. 12/9/95 LAST NM 51/97 39/98
Add Submarine cable between 42° 09′ 17″N 139° 24′ 38″E
42° 09′ 08″N 139° 23′ 48″E

Danger circle "Wavemeter" 42° 09′ 08″N 139° 23′ 48″E
(25(1056)98 Tokyo)

96943 15Ed. 12/9/95 LAST NM 39/98 2/99
Add Fish haven symbol 41° 37′ 38″N 140° 28′ 23″E
(43(1778)98 Tokyo)

96943 15Ed. 12/9/95 LAST NM 2/99 9/99
Change Light to Fl(2) G 6s 13m 12M 41° 28.1′ N 140° 01.7′ E

Add Wreck 41° 53.1′ N 140° 03.8′ E
(49(2116)97, 3(83)99 Tokyo; Jpn LL)

96943 15Ed. 12/9/95 LAST NM 9/99 13/99
Change Light to Fl(2) R 6s 13m 10M 41° 26.2′ N 140° 51.7′ E
(50(2154)97 Tokyo)

96943 15Ed. 12/9/95 LAST NM 13/99 19/99
Delete Light 41° 36.3′ N 139° 58.7′ E
(6(240)98 Tokyo)

96943 15Ed. 12/9/95 LAST NM 19/99 22/99
Change Period of light to 20s 41° 15.5′ N 140° 20.5′ E
(8(330)98 Tokyo; Jpn LL)

96943 15Ed. 12/9/95 LAST NM 22/99 43/99
Add Wreck [K29] 41° 40′ 06″N 140° 40′ 06″E
(37(1522)99 Tokyo)

96943 15Ed. 12/9/95 LAST NM 43/99 44/99
Change Height of light to 9m 41° 12′ 05″N 141° 15′ 27″E
(18(748)98 Tokyo)

96943 15Ed. 12/9/95 LAST NM 44/99 1/00
Add Submarine cable [L30.1] joining
41° 37′ 06″N 140° 49′ 48″E
41° 37′ 54″N 140° 51′ 48″E
41° 38′ 00″N 140° 54′ 24″E
41° 33′ 36″N 141° 03′ 48″E
41° 36′ 12″N 141° 15′ 24″E
41° 39′ 48″N 141° 26′ 36″E
41° 43′ 30″N 141° 31′ 00″E
41° 46′ 24″N 141° 45′ 00″E
41° 46′ 18″N 141° 50′ 00″E
41° 45′ 30″N 141° 55′ 00″E
(42(1725)99 Tokyo)

96943 15Ed. 12/9/95 LAST NM 1/00 4/00
Delete Buoy "1" 41° 25′ 12″N 141° 13′ 00″E
(21(879)98 Tokyo)

96943 15Ed. 12/9/95 LAST NM 4/00 43/00
Delete Light (FG 29m 14M) 42° 07′ 52″N 139° 59′ 00″E
(33(1161)00 Tokyo)

96943 15Ed. 12/9/95 LAST NM 43/00 51/00
Add Buoy Y, pillar, "X" topmark, Fl Y 4s
41° 11′ 20″N 141° 24′ 18″E
(30(1070)00 Tokyo)

96943 15Ed. 12/9/95 LAST NM 51/00 1/01
Add Light Fl(2) G 6s 11m 3M 41° 25′ 42″N 140° 08′ 21″E
(33(1162)00 Tokyo; Jpn LL)

96943 15Ed. 12/9/95 LAST NM 1/01 11/01
Change Light to Fl(2) R 6M 41° 46′ 25″N 140° 41′ 50″E
(51(1819)00 Tokyo)

96943 15Ed. 12/9/95 LAST NM 11/01 24/01
Delete Depth 14 meters 42° 05′ 02″N 140° 48′ 35″E

Add Depth 17 meters, blue tint and enclosing depth contour (20-meter) 42° 06′ 08″N 140° 48′ 47″E
Depth 9.2 meters enclosed by depth contour (10-meter) 42° 05′ 02″N 140° 48′ 35″E
Depth 6.3 meters enclosed by depth contour (10-meter) 42° 04′ 25″N 140° 49′ 03″E
(13(448)01 Tokyo)

96943 15Ed. 12/9/95 LAST NM 24/01 36/01
Add Fish haven symbol [K46.1] 41° 42′ 40″N 141° 00′ 49″E
Fish haven symbol [K46.1] 41° 43′ 39″N 140° 56′ 01″E
Fish haven symbol [K46.1] 41° 44′ 02″N 140° 54′ 17″E
(30(1154)01 Tokyo)

96943 15Ed. 12/9/95 LAST NM 36/01 44/02
Delete Horn from light 41° 15′ 30″N 140° 20′ 33″E
(38(1310)02 Tokyo)

96943 15Ed. 12/9/95 LAST NM 44/02 1/03
Change Visibility (range) of beacon to 3M
41° 33′ 00″N 140° 54′ 47″E
(46(1579)02 Tokyo)

96943 15Ed. 12/9/95 LAST NM 1/03 9/03
Change Light to Fl G 4s 11m 7M 41° 49′ 27″N 141° 10′ 02″E
(1(1)03 Tokyo)

96943 15Ed. 12/9/95 LAST NM 9/03 10/03
Add Buoy "Current Meter" Y, conical, (Y Lt)
40° 57′ 08″N 141° 25′ 12″E
(4(109)03 Tokyo)

96943 15Ed. 12/9/95 LAST NM 10/03 12/03
Add Fish haven symbol [K46.1] 41° 30′ 30″N 140° 58′ 42″E
Fish haven symbol [K46.1] 41° 29′ 36″N 141° 00′ 06″E
(13(451)01 Tokyo)

96943 15Ed. 12/9/95 LAST NM 12/03 20/03
Change Light to Fl G 4s 15m 7M 41° 33′ 48″N 140° 26′ 00″E
Visibility (range) of light to 6M
40° 50′ 09″N 140° 45′ 02″E
(15(638)99, 13(449)03 Tokyo)

96943 15Ed. 12/9/95 LAST NM 20/03 22/03
Change Visibility (range) of light (Iso R) to 8M
41° 47′ 09″N 141° 07′ 49″E
Visibility (range) of light (Iso G) to 9M
41° 47′ 09″N 141° 07′ 49″E
Light to Fl R 3s 11m 8M & Fl(2) R 6s 17m 5M
41° 32′ 44″N 139° 59′ 09″E
(14(485), 15(535)03 Tokyo; Jpn LL)

96943 15Ed. 12/9/95 LAST NM 22/03 23/03
Change Light to Fl R 3s 15m 3M 42° 07′ 36″N 139° 58′ 48″E

Visibility (range) of light (Fl G) to 7M
42° 07′ 30″N 139° 59′ 06″E
(16(585)03 Tokyo)

96943 15Ed. 12/9/95 LAST NM 23/03 33/03
Change Height of light to 15m 41° 49′ 27″N 141° 10′ 02″E
(See 9/03-96943)
(1(1)03 Tokyo; Jpn LL)

96943 15Ed. 12/9/95 LAST NM 33/03 42/03
Delete Light 42° 09′ 30″N 139° 31′ 20″E
(35(1342)03 Tokyo)

96943 15Ed. 12/9/95 LAST NM 42/03 19/04
Substitute Disused submarine cables [L32] for submarine cables (4) between 41° 44′ 18″N 140° 34′ 54″E
41° 11′ 06″N 140° 38′ 36″E
(23(975)99 Tokyo)

96943 15Ed. 12/9/95 LAST NM 19/04 23/04
Change Light to Fl G 3s 14m 7M 41° 24′ 42″N 141° 25′ 54″E
(26(1112)99 Tokyo; Jpn LL)

96943 15Ed. 12/9/95 LAST NM 23/04 26/04
Delete Buoy 41° 24′ 10″N 141° 17′ 23″E

Add Submarine cable [L30.1] joining
41° 04′ 42″N 139° 45′ 36″E
41° 08′ 06″N 139° 56′ 48″E
41° 10′ 54″N 139° 59′ 48″E
41° 11′ 00″N 140° 07′ 00″E
41° 14′ 12″N 140° 12′ 42″E
41° 19′ 06″N 140° 18′ 00″E
41° 24′ 00″N 140° 34′ 00″E
41° 31′ 48″N 140° 49′ 30″E
41° 36′ 30″N 140° 50′ 06″E
41° 38′ 00″N 140° 51′ 48″E
(29(1236), 30(1264)99 Tokyo)

96943 15Ed. 12/9/95 LAST NM 26/04 36/04
Add Light Fl R 3s 8m 3M 41° 14′ 14″N 140° 23′ 39″E
(39(1583)99 Tokyo)

96943 15Ed. 12/9/95 LAST NM 36/04 47/04
Add Submarine cable [L30.1] joining
42° 10′ 00″N 141° 13′ 30″E
41° 54′ 00″N 141° 41′ 00″E
41° 42′ 12″N 141° 55′ 00″E
(21(555)04 Tokyo)

96943 15Ed. 12/9/95 LAST NM 47/04 48/04
Change Visibility (range) of light to 8M
41° 11′ 54″N 140° 26′ 15″E
(24(641)04 Tokyo)

96943 15Ed. 12/9/95 LAST NM 48/04 50/04
Add Danger circle [K1] "Wave meter"
41° 26′ 46″N 141° 27′ 01″E
(41(1078)04 Tokyo)

96943 15Ed. 12/9/95 LAST NM 50/04 8/05
Add Fish haven symbol [K46.1] 41° 40′ 21″N 140° 33′ 45″E
Fish haven symbol [K46.1] 41° 47′ 42″N 140° 04′ 00″E
(1(1, 3)05 Tokyo)

96943 15Ed. 12/9/95 LAST NM 8/05 11/05
Add Fish haven symbol [K46.1] 42° 02′ 00″N 140° 04′ 48″E
Fish haven symbol [K46.1] 41° 58′ 42″N 140° 06′ 30″E
Fish haven symbol [K46.1] 41° 57′ 42″N 140° 06′ 54″E
Fish haven symbol [K46.1] 41° 25′ 35″N 140° 14′ 08″E
Fish haven symbol [K46.1] 41° 44′ 06″N 141° 03′ 52″E
Fish haven symbol [K46.1] 41° 45′ 09″N 141° 05′ 28″E
Fish haven symbol [K46.1] 41° 46′ 47″N 141° 07′ 15″E
Fish haven symbol [K46.1] 41° 46′ 44″N 141° 08′ 33″E
(49(1258)04, 4(95, 96)05 Tokyo)

96943 15Ed. 12/9/95 LAST NM 11/05 17/05
Change Visibility (range) of light to 14M
41° 07′ 29″N 140° 14′ 58″E
(10(287)05 Tokyo)

96943 15Ed. 12/9/95 LAST NM 17/05 19/05
Add Fish haven symbol [K46.1] 41° 37′ 54″N 140° 27′ 12″E
(13(359)05 Tokyo)

96943 15Ed. 12/9/95 LAST NM 19/05 22/05
Add Fish haven symbol [K46.1] 42° 08′ 00″N 140° 45′ 17″E
(15(420)05 Tokyo)

96943 15Ed. 12/9/95 LAST NM 22/05 12/06
Delete Buoy 41° 02′ 30″N 140° 53′ 30″E
Buoy 41° 08′ 48″N 141° 02′ 00″E
Buoy 40° 59′ 18″N 141° 09′ 48″E
(5(124)06 Tokyo)

96943 15Ed. 12/9/95 LAST NM 12/06 13/06
Add Fish haven symbol [K46.1] 41° 23′ 29″N 141° 19′ 39″E
(4(86)06 Tokyo)

96943 15Ed. 12/9/95 LAST NM 13/06 19/06
Change Light to Fl G 4s 8m 3M 41° 31′ 15″N 140° 00′ 09″E
(1(1)06 Tokyo)

96943 15Ed. 12/9/95 LAST NM 19/06 21/06
Add Depth 934 meters 41° 44′ 18″N 141° 46′ 18″E
Depth 914 meters 41° 42′ 00″N 141° 46′ 48″E
Depth 844 meters 41° 48′ 30″N 141° 42′ 18″E
Depth 644 meters 41° 43′ 36″N 141° 39′ 18″E
(NTM0024/2006)

96943 15Ed. 12/9/95 LAST NM 21/06 26/06
Delete Legend "Fl(2) R 6s 12m 11M" 41° 56.8′ N 140° 58.5′ E
Change Visibility (range) of light to 7M 41° 56.2′ N 140° 56.6′ E
(12(367)06 Tokyo; Jpn LL)

96943 15Ed. 12/9/95 LAST NM 26/06 31/06
Change Light to Fl R 5s 12m 3M 40° 52.5′ N 141° 07.7′ E
(7(189)06 Tokyo)

96943 15Ed. 12/9/95 LAST NM 31/06 8/07
Change Visibility (range) of light to 7M 41° 00.9′ N 140° 52.3′ E
(50(1494)06 Tokyo)

96943 15Ed. 12/9/95 LAST NM 8/07 44/07
Add Submarine cable [L30.1] joining 42° 10.0′ N 139° 34.2′ E
42° 07.9′ N 139° 35.3′ E
42° 05.2′ N 139° 44.9′ E
42° 07.1′ N 139° 55.5′ E
42° 07.9′ N 139° 56.1′ E
(36(1196)07 Tokyo)

96943 15Ed. 12/9/95 LAST NM 44/07 17/08
Delete Buoy "1" 41° 03.0′ N 140° 41.7′ E
(51(1718)07 Tokyo)

96943 15Ed. 12/9/95 LAST NM 17/08 18/08
Add Buoy "C" Y, pillar, "X" topmark, Fl(5) Y 20s
40° 57.8′ N 141° 24.5′ E
Wreck [K29] 41° 13.0′ N 141° 28.2′ E
(44(1465), 45(1499)07 Tokyo)

96943 15Ed. 12/9/95 LAST NM 18/08 21/08
Change Light to Fl G 3s 16m 5M 41° 44.5′ N 140° 03.0′ E
(6(182)08 Tokyo; Jpn LL)

96943 15Ed. 12/9/95 LAST NM 21/08 22/08
Relocate Buoy from 40° 57.1′ N 141° 25.2′ E to
40° 57.6′ N 141° 25.1′ E
(16(493)08 Tokyo)

96943 15Ed. 12/9/95 LAST NM 22/08 32/08
Delete Ramark at light 41° 25.3′ N 140° 05.2′ E
(25(868)08 Tokyo)

96943 15Ed. 12/9/95 LAST NM 32/08 33/08
Delete Racon at light 41° 33.3′ N 140° 54.7′ E
(23(803)08 Tokyo)

96943 15Ed. 12/9/95 LAST NM 33/08 21/09
Change Visibility (range) of light to 12M 41° 25.1′ N 140° 05.3′ E
Visibility (range) of light to 5M 41° 29.0′ N 140° 01.1′ E
(13(512)09 Tokyo)

96943 15Ed. 12/9/95 LAST NM 21/09 23/09
Delete Light 41° 48.2′ N 140° 04.3′ E
Light 41° 42.3′ N 140° 01.3′ E
Add Fish haven symbol [K46.1] 41° 46.7′ N 140° 03.0′ E
Submarine cable (power) [L31.1] joining
41° 44.0′ N 140° 48.7′ E
41° 42.5′ N 140° 45.3′ E
41° 41.8′ N 140° 44.7′ E
41° 35.3′ N 140° 44.9′ E
41° 34.5′ N 140° 45.1′ E
41° 30.5′ N 140° 49.1′ E
41° 29.4′ N 140° 49.9′ E
41° 29.1′ N 140° 50.3′ E
41° 28.1′ N 140° 51.5′ E
41° 28.0′ N 140° 52.2′ E
(8(301, 302), 13(511, 513)09 Tokyo)

96943 15Ed. 12/9/95 LAST NM 23/09 29/09
Delete Submarine cable between 42° 04.3′ N 139° 27.9′ E
42° 10.0′ N 139° 42.0′ E
Add Submarine cable [L30.1] joining 42° 10.0′ N 139° 35.9′ E
42° 03.9′ N 139° 29.8′ E
42° 04.3′ N 139° 28.0′ E
(Jpn CH 11)

96943 15Ed. 12/9/95 LAST NM 29/09 36/09
Delete HORN from light 41° 33.3′ N 140° 54.7′ E
Add Light Fl(2) G 6s 3M 41° 52.1′ N 141° 07.1′ E
Fish haven symbol [K46.1] 41° 05.7′ N 140° 15.5′ E
(22(920, 926, 927)09 Tokyo)

96943 15Ed. 12/9/95 LAST NM 36/09 38/09
Change Light to Fl R 3s 15m 7M 41° 52.4′ N 140° 07.3′ E
(Jpn LL)

96943 15Ed. 12/9/95 LAST NM 38/09 41/09
Change Light to Fl(2) R 5s 15m 4M 41° 29.6′ N 140° 00.8′ E
Light to Fl R 3s 7m 3M 40° 57.5′ N 140° 58.9′ E
(Jpn LL)

96943 15Ed. 12/9/95 LAST NM 41/09 2/10
Delete Danger circle "Wave meter" 41° 02.3′ N 140° 18.3′ E
Submarine cable in vicinity 41° 02.2′ N 140° 18.8′ E
Change Light to Fl R 3s 10m 7M 41° 02.2′ N 140° 19.2′ E
(Jpn CH W1159; Jpn LL)

96943 15Ed. 12/9/95 LAST NM 2/10 11/10
Change Visibility (range) of light to 5/2M 41° 53.7′ N 141° 00.8′ E
Visibility (range) of light to 5M 41° 25.3′ N 140° 05.7′ E
Light to Fl(3) 18s 36m 12M 41° 33.3′ N 140° 54.7′ E
(3(96, 99, 107)10 Tokyo)

96943 15Ed. 12/9/95 LAST NM 11/10 15/10
Change Visibility (range) of light to 5/2M 41° 26.7′ N 140° 14.5′ E
Visibility (range) of light to 5/2M 41° 45.6′ N 140° 36.4′ E
(9(340, 342)10 Tokyo)

96943 15Ed. 12/9/95 LAST NM 15/10 38/10
Change Light to Iso 6s 36m 8M 41° 13.7′ N 140° 32.9′ E
(20(802)10 Tokyo)

96943 15Ed. 12/9/95 LAST NM 38/10 39/10
Change Visibility (range) of light to 5/2M 42° 06.8′ N 140° 35.5′ E
Visibility (range) of light to 5M 41° 58.2′ N 140° 07.7′ E
Visibility (range) of light to 5M 41° 28.1′ N 140° 01.7′ E
Visibility (range) of light to 5M 41° 26.6′ N 140° 02.0′ E
(15(589, 593, 594)10 Tokyo)

★**96944** 6Ed. 7/25/98 NEW EDITION 45/98
Change Period of buoy "No 1" to 4s 40° 51′ 39″N 140° 44′ 18″E
(NIMA; Jpn LL)

96944 6Ed. 7/25/98 LAST NM 45/98 47/99
Delete Position circle "Lt" 40° 49′ 47.0″N 140° 45′ 03.0″E
(Plan A)
Delete Position circle "Lt" 40° 49′ 46.7″N 140° 45′ 03.2″E
Crane symbol 40° 49′ 47.5″N 140° 44′ 56.0″E
(20(831)98 Tokyo)

96944 6Ed. 7/25/98 LAST NM 47/99 45/02
Substitute Double solid line with land tint for
double dashed line in vicinity
40° 50′ 49.5″N 140° 43′ 35.0″E
and delete legend "Under construction"

Double dashed solid line with land tint for
dashed line in vicinity 40° 50′ 31.5″N 140° 43′ 51.0″E
and delete legend "Under construction"

Add Double solid line with land tint (breakwater
extension) [F4.1] between 40° 50′ 54.4″N 140° 43′ 35.6″E
40° 50′ 55.9″N 140° 43′ 35.8″E

Double solid line with land tint (breakwater
extension) [F4.1] between 40° 50′ 30.5″N 140° 43′ 51.8″E
40° 50′ 29.8″N 140° 43′ 52.4″E

Position circle "G Lt" 40° 50′ 55.9″N 140° 43′ 35.8″E
Position circle "R Lt" 40° 50′ 29.8″N 140° 43′ 52.4″E

(Plan A)
Delete Depth 10.8 meters 40° 50′ 55.4″N 140° 43′ 08.8″E
Depth 13.2 meters 40° 50′ 55.4″N 140° 43′ 12.3″E
Depth 11.8 meters 40° 50′ 53.7″N 140° 43′ 14.3″E
Depth 16 meters 40° 50′ 56.0″N 140° 43′ 17.5″E
Position circle "G Lt" 40° 50′ 44.4″N 140° 43′ 35.5″E
Position circle "R Lt" 40° 50′ 31.6″N 140° 43′ 50.5″E
Depth 19.5 meters 40° 50′ 21.0″N 140° 45′ 31.5″E

Substitute Double solid line with land tint for double
dashed line in vicinity 40° 50′ 49.5″N 140° 43′ 35.0″E
and delete legend "Under construction"

Double solid line with land tint for
double dashed line in vicinity
40° 50′ 31.5″N 140° 43′ 51.0″E
and delete legend "Under construction"

Depth 17.7 meters for 19.1 meters
40° 50′ 18.4″N 140° 45′ 34.8″E

Add Depth 16.4 meters 40° 51′ 02.0″N 140° 43′ 15.1″E
Depth 16.7 meters 40° 50′ 59.5″N 140° 43′ 18.3″E

Depth 13.7 meters 40° 50′ 54.8″N 140° 43′ 15.6″E

Double solid line with land tint (breakwater
extension) [F4.1] between 40° 50′ 54.4″N 140° 43′ 35.6″E
40° 50′ 55.9″N 140° 43′ 35.8″E

Double solid line with land tint (breakwater
extension) [F4.1] between 40° 50′ 30.5″N 140° 43′ 51.8″E
40° 50′ 29.8″N 140° 43′ 52.4″E

Position circle "G Lt" 40° 50′ 55.9″N 140° 43′ 35.8″E
Position circle "R Lt" 40° 50′ 29.8″N 140° 43′ 52.4″E
Depth 10.7 meters 40° 50′ 18.4″N 140° 45′ 30.7″E
Depth 17.8 meters 40° 50′ 20.5″N 140° 45′ 31.9″E
Depth 9.4 meters 40° 50′ 19.5″N 140° 45′ 33.0″E
Depth 9.6 meters 40° 50′ 18.5″N 140° 45′ 32.5″E
Depth 9.3 meters 40° 50′ 17.1″N 140° 45′ 31.0″E
(34(1399)98 Tokyo)

96944 6Ed. 7/25/98 LAST NM 45/02 52/02
(Plan A)
Add Double solid line with land tint (breakwater)
[F4.1] between 40° 49′ 50.3″N 140° 44′ 38.5″E
40° 49′ 49.6″N 140° 44′ 37.6″E

Double solid line with land tint (breakwater
extension) between 40° 49′ 53.3″N 140° 44′ 37.9″E
40° 49′ 53.1″N 140° 44′ 38.2″E

Double solid line with land tint (breakwater)
[F4.1] between 40° 50′ 07.9″N 140° 45′ 36.0″E
40° 50′ 05.0″N 140° 45′ 34.1″E
(47(1954)98 Tokyo)

96944 6Ed. 7/25/98 LAST NM 52/02 6/03
(Plan A)
Substitute Double dashed line for double solid line and
land tint between 40° 50′ 06.0″N 140° 44′ 42.1″E
40° 50′ 06.1″N 140° 44′ 43.4″E
(49(1703)02 Tokyo)

96944 6Ed. 7/25/98 LAST NM 6/03 13/03
(Plan)
Add Double solid line with land tint (breakwater)
[F4.1] between 40° 49′ 59.5″N 140° 44′ 03.8″E
40° 50′ 00.0″N 140° 44′ 02.9″E

Position circle "(R Lt)" 40° 49′ 59.5″N 140° 44′ 03.8″E

Double solid line with land tint (breakwater)
[F4.1] between 40° 49′ 59.0″N 140° 44′ 04.9″E
40° 49′ 58.1″N 140° 44′ 06.4″E

Position circle "(G Lt)" 40° 49′ 59.0″N 140° 44′ 04.9″E
(6(186)03 Tokyo)

96944 6Ed. 7/25/98 LAST NM 13/03 20/03
Change Visibility (range) of light to 6M
40° 50′ 08.7″N 140° 45′ 01.6″E

(Plan)
Change Visibility (range) of light to 6M
40° 50′ 08.7″N 140° 45′ 01.6″E
(15(638)99 Tokyo)

96944 6Ed. 7/25/98 LAST NM 20/03 17/04
Delete Buoy "(temp)" 40° 50′ 15.0″N 140° 44′ 33.0″E

Add Light Fl G 3s 13m 5M 40° 50′ 13.5″N 140° 44′ 34.5″E

(Plan)
Delete Buoy "(temp)" 40° 50′ 15.0″N 140° 44′ 33.0″E

Add Light Fl G 3s 13m 5M 40° 50′ 13.5″N 140° 44′ 34.5″E
(7(187)04 Tokyo)

96944 6Ed. 7/25/98 LAST NM 17/04 45/04
Add Chartlet, depicting changes in hydrography,
topography and aids to navigation from
Subsection I-2 40° 49′ 58.0″N 140° 44′ 53.0″E

(Plan)
Delete Purple dashed line between 40° 49′ 49.0″N 140° 44′ 19.3″E
40° 49′ 55.4″N 140° 44′ 36.9″E

Add Chartlet, depicting changes in hydrography,
topography and aids to navigation from
Subsection I-2 40° 49′ 58.0″N 140° 44′ 53.0″E
(24(637)04 Tokyo; Jpn CH W1191)

96944 6Ed. 7/25/98 LAST NM 45/04 19/05
Delete Buoy 40° 51′ 06.0″N 140° 43′ 05.0″E

Change Period of buoy to 3s 40° 51′ 39.0″N 140° 44′ 18.0″E

(Plan)
Delete Buoy 40° 51′ 06.0″N 140° 43′ 05.0″E
(13(363)05 Tokyo)

96944 6Ed. 7/25/98 LAST NM 19/05 43/05
Change Period of buoy to 3s 40° 52′ 48.0″N 140° 49′ 03.0″E
(33(992)05 Tokyo)

96944 6Ed. 7/25/98 LAST NM 43/05 19/08
Add Double dashed line with land tint (breakwater)
8 meters wide and legend "Under construction"
on centerline between 40° 51′ 20.9″N 140° 43′ 09.4″E
40° 51′ 22.8″N 140° 43′ 15.8″E
(1(15)08 Tokyo)

96944 6Ed. 7/25/98 LAST NM 19/08 26/09
Substitute Double solid line with land tint (breakwater)
for double dashed line between
40° 51′ 20.9″N 140° 43′ 09.4″E
40° 51′ 22.8″N 140° 43′ 15.8″E
Note: Legend "Under construction" remains

Add Position circle "Y Lt" 40° 51′ 20.9″N 140° 43′ 09.4″E
Position circle "Y Lt" 40° 51′ 22.8″N 140° 43′ 15.8″E
(19(792)09 Tokyo)

96944 6Ed. 7/25/98 LAST NM 26/09 42/09
Delete Buoy 40° 50′ 46.0″N 140° 43′ 46.0″E

(Plan)
Delete Buoy 40° 50′ 46.0″N 140° 43′ 46.0″E
(Jpn CH W1191)

96944 6Ed. 7/25/98 LAST NM 42/09 47/09
Delete Light 40° 50′ 06.8″N 140° 44′ 48.6″E
(See 45/04-96944)

(continued on next page)

96944 (Continued) 47/09
(Plan)
Delete Light 40° 50′ 06.5″N 140° 44′ 48.6″E
(37(1594)09 Tokyo)

★**96945** 3Ed. 2/1/97 NEW EDITION 17/97
Add Legend "Rk" to depth 4.1 meters 41° 34.9′ N 139° 58.5′ E
(NIMA; Jpn CH 10)

96945 3Ed. 2/1/97 LAST NM 17/97 39/98
Add Submarine cable between 42° 09′ 17″N 139° 24′ 38″E
42° 09′ 08″N 139° 23′ 48″E

Danger circle "Wavemeter" 42° 09′ 08″N 139° 23′ 48″E
(25(1056)98 Tokyo)

96945 3Ed. 2/1/97 LAST NM 39/98 9/99
Change Light to Fl(2) G 6s 13m 12M 41° 28.1′ N 140° 01.7′ E

Add Wreck 41° 53.1′ N 140° 03.8′ E
(49(2116)97, 3(83)99 Tokyo; Jpn LL)

96945 3Ed. 2/1/97 LAST NM 9/99 19/99
Delete Light 41° 36.3′ N 139° 58.7′ E
(6(240)98 Tokyo)

96945 3Ed. 2/1/97 LAST NM 19/99 39/99
Delete Light 43° 21.2′ N 140° 27.8′ E
(13(563)98 Tokyo)

96945 3Ed. 2/1/97 LAST NM 39/99 43/99
Add Wreck [K29] 41° 40.1′ N 140° 40.1′ E
(37(1522)99 Tokyo)

96945 3Ed. 2/1/97 LAST NM 43/99 52/99
Change Light to Fl(2) R 6s 10m 12M 42° 32.9′ N 139° 50.2′ E

Add Depth 7.4 meters [I10] 42° 59.8′ N 140° 31.3′ E
(42(1726), 45(1814)99 Tokyo)

96945 3Ed. 2/1/97 LAST NM 52/99 43/00
Delete Light (FG 29m 14M) 42° 07′ 45″N 139° 59′ 00″E
(33(1161)00 Tokyo)

96945 3Ed. 2/1/97 LAST NM 43/00 1/01
Change Light to Fl G 3s 12m 3M 43° 13′ 00″N 140° 19′ 36″E

Add Light Fl G 3s 8m 3M 43° 21′ 18″N 140° 27′ 43″E
Light Fl(2) G 6s 11m 3M 41° 25′ 42″N 140° 08′ 21″E
(33(1159, 1160, 1162)00 Tokyo; Jpn LL)

96945 3Ed. 2/1/97 LAST NM 1/01 5/01
Change Light to F Fl R 5s 11m 11/6M & Fl(2) R 6s
11m 4M 43° 19′ 48″N 140° 22′ 48″E
(35(1255)00 Tokyo; Jpn LL)

96945 3Ed. 2/1/97 LAST NM 5/01 43/02
Add Submarine cable [L30.1] joining
42° 15′ 02″N 139° 46′ 59″E
42° 15′ 05″N 139° 43′ 02″E
42° 14′ 32″N 139° 42′ 03″E
42° 10′ 08″N 139° 35′ 53″E
42° 03′ 54″N 139° 29′ 50″E
42° 04′ 17″N 139° 28′ 03″E
(32(1335)98 Tokyo)

96945 3Ed. 2/1/97 LAST NM 43/02 52/02
Change Characteristic of light to Oc(3) 10s
42° 13′ 25″N 139° 48′ 55″E
(48(1985)98 Tokyo; Jpn LL)

96945 3Ed. 2/1/97 LAST NM 52/02 20/03
Delete Light 42° 10′ 36″N 139° 31′ 14″E

Change Light to Fl G 4s 15m 7M 41° 33′ 48″N 140° 26′ 00″E

Add Light Fl G 3s 12m 7M 42° 10′ 51″N 139° 31′ 39″E
(13(444, 449)03 Tokyo)

96945 3Ed. 2/1/97 LAST NM 20/03 22/03
Change Light to Fl R 3s 11m 8M & Fl(2) R 6s 17m 5M
41° 32′ 44″N 139° 59′ 09″E
(15(535)03 Tokyo; Jpn LL)

96945 3Ed. 2/1/97 LAST NM 22/03 23/03
Change Light to Oc(3) 13s 31m 14M 42° 13′ 25″N 139° 48′ 55″E
(16(584)03 Tokyo)

96945 3Ed. 2/1/97 LAST NM 23/03 42/03
Delete Light 42° 09′ 24″N 139° 31′ 24″E
(35(1342)03 Tokyo)

96945 3Ed. 2/1/97 LAST NM 42/03 16/04
Add Submarine pipeline [L40.1] joining
43° 00′ 14″N 140° 25′ 20″E
43° 00′ 16″N 140° 25′ 54″E
42° 59′ 50″N 140° 29′ 43″E
42° 59′ 25″N 140° 30′ 28″E
(3(53)04 Tokyo)

96945 3Ed. 2/1/97 LAST NM 16/04 19/04
Substitute Disused submarine cables [L32] for
submarine cables (4) in vicinity 41° 35′ 00″N 140° 35′ 30″E
(23(975)99 Tokyo)

96945 3Ed. 2/1/97 LAST NM 19/04 34/04
Delete Beacon 42° 48′ 25″N 140° 13′ 27″E

Add Light Fl 3s 11m 5M 42° 48′ 25″N 140° 13′ 27″E
(36(1464)99 Tokyo; Jpn LL)

96945 3Ed. 2/1/97 LAST NM 34/04 36/04
Change Light to Fl R 3s 6m 3M 42° 59′ 13″N 140° 30′ 36″E
(40(1624)99 Tokyo; Jpn LL)

96945 3Ed. 2/1/97 LAST NM 36/04 8/05
Add Fish haven symbol [K46.1] 41° 40′ 21″N 140° 33′ 45″E
Fish haven symbol [K46.1] 41° 47′ 42″N 140° 04′ 00″E
(1(1, 3)05 Tokyo)

96945 3Ed. 2/1/97 LAST NM 8/05 11/05
Add Fish haven symbol [K46.1] 42° 02′ 00″N 140° 04′ 48″E
Fish haven symbol [K46.1] 41° 58′ 42″N 140° 06′ 30″E
Fish haven symbol [K46.1] 41° 57′ 42″N 140° 06′ 54″E
Fish haven symbol [K46.1] 41° 25′ 35″N 140° 14′ 08″E
(49(1258)04, 4(95)05 Tokyo)

96945 3Ed. 2/1/97 LAST NM 11/05 19/05
Add Fish haven symbol [K46.1] 41° 37′ 54″N 140° 27′ 12″E
(13(359)05 Tokyo)

96945 3Ed. 2/1/97 LAST NM 19/05 19/06
Change Light to Fl G 4s 8m 3M 41° 31′ 15″N 140° 00′ 09″E
(1(1)06 Tokyo)

96945 3Ed. 2/1/97 LAST NM 19/06 44/07
Add Submarine cable [L30.1] joining
42° 11′ 27″N 139° 31′ 36″E
42° 11′ 06″N 139° 32′ 31″E
42° 11′ 11″N 139° 32′ 47″E
42° 10′ 54″N 139° 33′ 36″E
42° 07′ 52″N 139° 35′ 16″E
42° 05′ 12″N 139° 44′ 54″E
42° 07′ 06″N 139° 55′ 30″E
42° 07′ 54″N 139° 56′ 06″E
(36(1196)07 Tokyo)

96945 3Ed. 2/1/97 LAST NM 44/07 21/08
Change Light to Fl G 3s 16m 5M 41° 44′ 30″N 140° 03′ 00″E
(6(182)08 Tokyo; Jpn LL)

96945 3Ed. 2/1/97 LAST NM 21/08 32/08
Delete Ramark at light 41° 25.3′ N 140° 05.2′ E
(25(868)08 Tokyo)

96945 3Ed. 2/1/97 LAST NM 32/08 21/09
Change Visibility (range) of light to 12M 41° 25.1′ N 140° 05.3′ E
Visibility (range) of light to 5M 41° 29.0′ N 140° 01.1′ E
Light to Fl R 3s 16m 5M 42° 47.7′ N 140° 14.3′ E
(3(98), 13(512)09 Tokyo)

96945 3Ed. 2/1/97 LAST NM 21/09 23/09
Delete Light 42° 41.3′ N 140° 00.8′ E
Light 41° 48.1′ N 140° 04.3′ E
Light 41° 42.3′ N 140° 01.3′ E

Add Light Fl R 3s 14m 5M 42° 41.3′ N 140° 00.1′ E
Fish haven symbol [K46.1] 41° 46.7′ N 140° 03.0′ E
(8(300-302), 13(511)09 Tokyo; Jpn LL)

96945 3Ed. 2/1/97 LAST NM 23/09 24/09
Delete R Bn and Ramark 43° 22.2′ N 140° 28.0′ E

Change Light to Fl 15s 82m 21M 43° 20.0′ N 140° 20.8′ E
Visibility (range) of light to 19M 43° 22.4′ N 140° 28.8′ E
(47(1646)08, 3(95)09 Tokyo)

96945 3Ed. 2/1/97 LAST NM 24/09 29/09
Delete Submarine cable between 42° 04.1′ N 139° 27.8′ E
42° 13.5′ N 139° 48.8′ E
(Jpn CH 11)

96945 3Ed. 2/1/97 LAST NM 29/09 38/09
Change Light to Fl R 3s 15m 7M 41° 52.4′ N 140° 07.3′ E
(Jpn LL)

96945 3Ed. 2/1/97 LAST NM 38/09 41/09
Change Light to Fl(2) R 5s 15m 4M 41° 29.6′ N 140° 00.8′ E
Light to Fl R 3s 15m 3M 42° 07.7′ N 139° 59.0′ E
(Jpn LL)

96945 3Ed. 2/1/97 LAST NM 41/09 11/10
Change Visibility (range) of light to 5M 41° 25.3′ N 140° 05.7′ E
(3(99)10 Tokyo)

96945 3Ed. 2/1/97 LAST NM 11/10 15/10
Change Visibility (range) of light to 5/2M 41° 26.7′ N 140° 14.5′ E
Visibility (range) of light to 5/2M 41° 45.6′ N 140° 36.4′ E
(9(340, 342)10 Tokyo)

96945 3Ed. 2/1/97 LAST NM 15/10 39/10
Change Visibility (range) of light to 5M 41° 58.1′ N 140° 07.7′ E
Visibility (range) of light to 5M 41° 28.1′ N 140° 01.7′ E
Visibility (range) of light to 5M 41° 26.6′ N 140° 02.0′ E
(15(593, 594)10 Tokyo)

★**96947** 15Ed. 5/16/98 NEW EDITION 37/98
Change Superbuoy SBM to
"Aziasekiyu Sea-Berth" Mo(U) 8s
HORN 41° 48′ 17″N 140° 40′ 43″E

Add Depth 0.8 meter with legend "Shoal"
41° 47′ 52.3″N 140° 42′ 54.3″E
(NIMA; 48(2132)94 Tokyo; Jpn CH 6; Jpn LL)

96947 15Ed. 5/16/98 LAST NM 37/98 11/01
Delete Depth 5.3 meters 41° 46′ 46.5″N 140° 43′ 18.0″E

Change Light to Fl(2) R 5s 10m 6M
41° 46′ 25.0″N 140° 41′ 50.0″E
Light to Fl G 3s 6m 3M 41° 46′ 50.0″N 140° 43′ 29.0″E

Add Double solid line with land tint (detached
breakwater) between 41° 47′ 41.5″N 140° 41′ 34.5″E
41° 47′ 33.7″N 140° 41′ 48.3″E

Position circle "(R Lt)" 41° 47′ 41.5″N 140° 41′ 34.5″E

Land tint to area bound by shore and solid line
joining 41° 46′ 38.5″N 140° 43′ 27.1″E
41° 46′ 39.0″N 140° 43′ 18.0″E
41° 46′ 47.8″N 140° 43′ 19.4″E
41° 46′ 47.8″N 140° 43′ 21.0″E
41° 46′ 40.9″N 140° 43′ 20.0″E
41° 46′ 40.6″N 140° 43′ 26.7″E
41° 46′ 47.5″N 140° 43′ 27.4″E
41° 46′ 47.3″N 140° 43′ 28.9″E
41° 46′ 40.5″N 140° 43′ 28.0″E
Note: Construction completed

Depth 4.6 meters 41° 46′ 48.2″N 140° 43′ 21.0″E
Depth 7.1 meters 41° 46′ 47.3″N 140° 43′ 18.8″E
Depth 6.5 meters 41° 46′ 44.1″N 140° 43′ 18.0″E
Depth 6.5 meters 41° 46′ 41.3″N 140° 43′ 17.9″E

Dashed line (breakwater) with legend "Under
construction (1999)" joining
41° 48′ 00.6″N 140° 42′ 45.4″E
41° 48′ 07.4″N 140° 42′ 40.7″E
41° 48′ 17.4″N 140° 42′ 44.5″E
(51(2095)98, 23(1289), 31(1289)99, 38(1370), 49(1756),
51(1819)00 Tokyo)

96947 15Ed. 5/16/98 LAST NM 11/01 6/03
Delete Buoy 41° 48′ 27.0″N 140° 40′ 43.0″E
Buoy 41° 48′ 24.0″N 140° 40′ 52.0″E
Buoy 41° 48′ 18.0″N 140° 40′ 56.0″E
Buoy 41° 48′ 11.0″N 140° 40′ 52.0″E
Buoy 41° 48′ 08.0″N 140° 40′ 43.0″E
Buoy 41° 48′ 11.0″N 140° 40′ 34.0″E
Buoy 41° 48′ 17.0″N 140° 40′ 30.0″E
Buoy 41° 48′ 24.0″N 140° 40′ 34.0″E
(48(1652)02 Tokyo)

96947 15Ed. 5/16/98 LAST NM 6/03 12/03
Add Fish haven area with blue tint [K46.1] bound by
dotted line (limiting danger line) joining
41° 44′ 54.3″N 140° 41′ 41.3″E
41° 44′ 52.2″N 140° 41′ 34.2″E
41° 45′ 00.3″N 140° 41′ 30.0″E
41° 45′ 02.3″N 140° 41′ 37.1″E

Fish haven area with blue tint [K46.1] bound by
dotted line (limiting danger line) joining
41° 44′ 30.3″N 140° 42′ 45.5″E
41° 44′ 26.3″N 140° 42′ 51.0″E
41° 44′ 20.1″N 140° 42′ 43.0″E
41° 44′ 24.1″N 140° 42′ 37.6″E

Fish haven area with blue tint [K46.1] bound by
dotted line (limiting danger line) joining
41° 44′ 35.9″N 140° 43′ 02.7″E
41° 44′ 32.6″N 140° 43′ 13.3″E
41° 44′ 27.3″N 140° 43′ 10.4″E
41° 44′ 30.6″N 140° 42′ 59.8″E
(19(660)01 Tokyo)

96947 15Ed. 5/16/98 LAST NM 12/03 13/03
Delete Legend "Oil" from submarine pipeline
41° 48′ 44.0″N 140° 41′ 17.5″E

Substitute Buoy Y, conical, (Y Lt) for buoy (mooring)
"Aziasekiyu Sea Berth" 41° 48′ 17.0″N 140° 40′ 43.5″E

Disused submarine pipeline for
submarine pipeline in vicinity
41° 48′ 44.0″N 140° 41′ 18.0″E
(3(75)03 Tokyo)

96947 15Ed. 5/16/98 LAST NM 13/03 23/04
Add Legend "Lesser depths reported (2004)"
41° 48′ 35.0″N 140° 42′ 06.0″E

Legend "Lesser depths reported (2004)"
between 41° 48′ 26.0″N 140° 41′ 50.0″E
41° 48′ 13.0″N 140° 42′ 21.0″E
(14(400)04 Tokyo)

96947 15Ed. 5/16/98 LAST NM 23/04 25/04
Add Legend "Lesser depths reported (2004)"
41° 46′ 49.0″N 140° 42′ 57.0″E
(16(445)04 Tokyo)

96947 15Ed. 5/16/98 LAST NM 25/04 27/04
Add Depth 9.8 meters Obstn [K41]
41° 46′ 36.1″N 140° 42′ 57.4″E
(17(469)04 Tokyo)

96947 15Ed. 5/16/98 LAST NM 27/04 39/04
Delete Depth 9.8 meters Obstn 41° 46′ 36.1″N 140° 42′ 57.4″E
(Supersedes 27/04-96947)
(29(766)04 Tokyo)

96947 15Ed. 5/16/98 LAST NM 39/04 9/06
Delete Dashed line joining 41° 48′ 24.8″N 140° 42′ 20.8″E
41° 48′ 15.0″N 140° 42′ 37.9″E
41° 48′ 10.1″N 140° 42′ 32.2″E
41° 48′ 18.2″N 140° 42′ 13.4″E

(continued on next page)

96947 (Continued) 9/06
Add Purple dashed line (passage limit) between
41° 48′ 24.8″N 140° 42′ 20.8″E
41° 48′ 18.2″N 140° 42′ 13.4″E
(48(1435)05 Tokyo)

96947 15Ed. 5/16/98 LAST NM 9/06 25/06
Delete Depth 17 meters 41° 47′ 42.0″N 140° 41′ 39.0″E
Depth 17 meters 41° 47′ 41.0″N 140° 41′ 52.0″E
Depth 17 meters 41° 47′ 35.5″N 140° 41′ 45.2″E

Substitute Light Fl R 3s 15m 8M for position circle (R Lt)
41° 47′ 41.4″N 140° 41′ 34.9″E

Add Depth 17.7 meters 41° 47′ 45.0″N 140° 41′ 29.5″E
Depth 17.6 meters 41° 47′ 40.5″N 140° 41′ 42.2″E
Depth 16.6 meters 41° 47′ 40.5″N 140° 41′ 50.0″E
Foul ground symbol [K31] 41° 47′ 39.3″N 140° 41′ 50.0″E
Foul ground symbol [K31] 41° 47′ 36.0″N 140° 41′ 48.5″E
Depth 16.9 meters 41° 47′ 33.5″N 140° 41′ 44.0″E
Foul ground symbol [K31] 41° 47′ 32.5″N 140° 41′ 44.0″E
Foul ground symbol [K31] 41° 47′ 32.0″N 140° 41′ 42.0″E
Depth 17.1 meters 41° 47′ 30.5″N 140° 41′ 39.5″E
Foul ground symbol [K31] 41° 47′ 30.0″N 140° 41′ 39.5″E
Foul ground symbol [K31] 41° 47′ 29.0″N 140° 41′ 37.1″E
Depth 16.4 meters 41° 47′ 27.7″N 140° 41′ 42.0″E
Depth 17.7 meters 41° 47′ 27.0″N 140° 41′ 35.0″E
Foul ground symbol [K31] 41° 47′ 25.6″N 140° 41′ 35.0″E
Depth 16.6 meters 41° 47′ 25.0″N 140° 41′ 38.0″E
Foul ground symbol [K31] 41° 47′ 24.0″N 140° 41′ 38.0″E
(22(630)05, 18(538)06 Tokyo)

96947 15Ed. 5/16/98 LAST NM 25/06 30/08
Change Legend "Spoil Ground" to "Disused Spoil Ground" 41° 48′ 05.0″N 140° 42′ 01.0″E

Add Obstruction "Caisson Area" [K40] with blue tint bound by dotted line joining
41° 47′ 54.5″N 140° 41′ 59.8″E
41° 48′ 00.3″N 140° 41′ 59.1″E
41° 48′ 00.5″N 140° 42′ 01.5″E
41° 47′ 54.6″N 140° 42′ 02.2″E
(18(558)08 Tokyo)

★**96948** 8Ed. 7/1/95 NEW EDITION 32/95
(DMAHTC)

96948 8Ed. 7/1/95 LAST NM 32/95 48/95
Add Submarine cable joining 42° 17.3′ N 141° 02.3′ E
42° 17.2′ N 141° 02.4′ E
42° 16.5′ N 141° 01.6′ E
42° 14.1′ N 140° 56.9′ E
42° 09.6′ N 140° 46.7′ E
42° 07.7′ N 140° 44.1′ E
42° 07.7′ N 140° 43.7′ E
(41(1786)95 Tokyo)

96948 8Ed. 7/1/95 LAST NM 48/95 49/95
Add Submarine cable joining 42° 02.9′ N 141° 15.5′ E
42° 04.9′ N 141° 15.4′ E
42° 05.3′ N 141° 15.0′ E
42° 12.7′ N 141° 04.2′ E
42° 17.1′ N 141° 02.4′ E
(43(1865)95 Tokyo)

96948 8Ed. 7/1/95 LAST NM 49/95 8/96
Change Light to Fl R 3s 16m 13M 42° 26.9′ N 141° 11.3′ E
(2(51)96 Tokyo)

96948 8Ed. 7/1/95 LAST NM 8/96 52/96
Add Light Fl(2) G 6s 8m 3M 42° 09′ 34″N 140° 28′ 39″E
(47(2231)96 Tokyo)

96948 8Ed. 7/1/95 LAST NM 52/96 2/97
Add Light Fl(2) 5s 3M 42° 30′ 54″N 140° 46′ 39″E
(48(2272)96 Tokyo)

96948 8Ed. 7/1/95 LAST NM 2/97 12/97
Delete Submarine cable between 42° 18′ 48″N 140° 57′ 54″E
42° 18′ 14″N 140° 57′ 28″E

Submarine cables (2) between 42° 08′ 18″N 140° 42′ 30″E
42° 18′ 54″N 140° 58′ 00″E

Add Submarine cable joining 42° 18′ 48″N 140° 57′ 54″E
42° 18′ 49″N 140° 57′ 02″E
42° 18′ 14″N 140° 57′ 28″E
(4(129)97 Tokyo)

96948 8Ed. 7/1/95 LAST NM 12/97 23/97
Delete Obscured sector from light 42° 18.2′ N 141° 00.1′ E
(13(549)97 Tokyo)

96948 8Ed. 7/1/95 LAST NM 23/97 51/97
Add Wreck 42° 05′ 36″N 141° 08′ 12″E
Position circle "R TR (214)" 42° 19′ 38″N 140° 57′ 36″E
(29(1326), 45(1950)97 Tokyo)

96948 8Ed. 7/1/95 LAST NM 51/97 52/00
Add Light Fl G 3s 8m 3M 42° 08′ 10″N 140° 30′ 33″E
(32(1124)00 Tokyo; Jpn LL)

96948 8Ed. 7/1/95 LAST NM 52/00 1/01
Add Light Iso G 4s 8m 3M 42° 12′ 54″N 140° 24′ 09″E
(33(1156)00 Tokyo; Jpn LL)

96948 8Ed. 7/1/95 LAST NM 1/01 24/01
Delete Depth 14 meters 42° 05′ 02″N 140° 48′ 35″E

Add Depth 17 meters enclosed by depth contour (20-meters) 42° 06′ 08″N 140° 48′ 47″E
Depth 4.6 meters 42° 05′ 34″N 140° 47′ 03″E
Depth 9.2 meters enclosed by depth contour (10-meters) 42° 05′ 02″N 140° 48′ 35″E
Depth 6.3 meters, blue tint and enclosing depth contour (10-meters) 42° 04′ 25″N 140° 49′ 03″E
(13(448)01 Tokyo)

96948 8Ed. 7/1/95 LAST NM 24/01 25/01
Add Depth 5.5 meters Rk [K14.2] 42° 20′ 12″N 140° 55′ 24″E
(21(762)01 Tokyo)

96948 8Ed. 7/1/95 LAST NM 25/01 33/01
Add Danger circle [K1] "Wave meter"
42° 27′ 59″N 141° 14′ 56″E

Submarine cable [L30.1] between
42° 27′ 59″N 141° 14′ 56″E
42° 28′ 29″N 141° 14′ 19″E
(17(581)00 Tokyo)

96948 8Ed. 7/1/95 LAST NM 33/01 21/03
Add Beacon BRB, double ball topmark, Fl(2) 5s 10m 6M 42° 30′ 53″N 140° 46′ 06″E
(17(707)99 Tokyo; Jpn LL)

96948 8Ed. 7/1/95 LAST NM 21/03 22/03
Change Light to Fl R 4s 12m 7M 42° 31′ 46″N 140° 46′ 22″E
(14(486)03 Tokyo)

96948 8Ed. 7/1/95 LAST NM 22/03 30/04
Change Light to Fl(2) R 6s 12m 5M 42° 35′ 07″N 140° 28′ 25″E
(47(1734)03 Tokyo; Jpn LL)

96948 8Ed. 7/1/95 LAST NM 30/04 39/04
Change Visibility (range) of light to 6M
42° 18′ 23″N 140° 58′ 02″E

Add Light Fl G 3M 42° 31′ 41″N 140° 24′ 06″E

Solid line (breakwater) [F4.1] joining
42° 31′ 41″N 140° 24′ 06″E
42° 31′ 35″N 140° 23′ 50″E
42° 31′ 43″N 140° 23′ 37″E
(41(1667)99, 11(344)02 Tokyo; Jpn LL)

96948 8Ed. 7/1/95 LAST NM 39/04 47/04
Add Submarine cable [L30.1] joining
42° 19′ 52″N 141° 01′ 34″E
42° 19′ 23″N 141° 02′ 07″E
42° 18′ 47″N 141° 02′ 12″E
42° 18′ 04″N 141° 03′ 02″E
42° 12′ 48″N 141° 04′ 30″E
42° 11′ 54″N 141° 06′ 36″E
42° 11′ 06″N 141° 10′ 42″E
42° 10′ 18″N 141° 12′ 54″E
42° 08′ 00″N 141° 17′ 35″E
(21(555)04 Tokyo)

96948 8Ed. 7/1/95 LAST NM 47/04 22/05
Add Fish haven symbol [K46.1] 42° 08′ 00″N 140° 45′ 17″E
(15(420)05 Tokyo)

96948 8Ed. 7/1/95 LAST NM 22/05 21/09
Change Light to Fl(2) G 6s 7M 42° 21′ 13″N 140° 55′ 01″E
(13(510)09 Tokyo)

96948 8Ed. 7/1/95 LAST NM 21/09 36/09
Change Light to Fl(2) G 6s 12m 5M 42° 15′ 21″N 140° 17′ 24″E
Visibility (range) of light to 9M
42° 34′ 46″N 140° 42′ 29″E
(17(695)09 Tokyo; Jpn LL)

96948 8Ed. 7/1/95 LAST NM 36/09 39/10
Change Visibility (range) of light to 5/2M
42° 06′ 45″N 140° 35′ 31″E
(15(589)10 Tokyo)

★**96949** 21Ed. 5/9/98 NEW EDITION 38/98
Delete Light 42° 21′ 08″N 140° 57′ 01″E
42° 21′ 04″N 140° 57′ 00″E

Position circle "R Lt" 42° 19′ 32″N 140° 58′ 34″E

Relocate Position circle "R Lt" close SE to
42° 20′ 39.8″N 140° 55′ 44.5″E

Change Light to Iso G 4s 42° 21′ 14″N 140° 57′ 01″E

Add Depth 10.3 meters 42° 21′ 53.3″N 140° 55′ 56.3″E

Light
Iso 4s 42° 21′ 08.3″N 140° 57′ 00.1″E
Iso R 4s 42° 21′ 03.6″N 140° 56′ 59.1″E

Characteristic to light
Iso G 4s 42° 21′ 13.6″N 140° 57′ 00.5″E
Iso 4s 42° 21′ 08.3″N 140° 56′ 59.3″E
Iso R 4s 42° 21′ 03.6″N 140° 56′ 58.8″E

Solid line (range line)
between 42° 21′ 08.5″N 140° 58′ 07.1″E
42° 21′ 08.5″N 140° 57′ 00.0″E

between 42° 21′ 07.5″N 140° 57′ 38.0″E
42° 21′ 08.5″N 140° 57′ 35.3″E

Dashed line (overhead power cable) with
vertical clearance "(11)" between
42° 20′ 25.8″N 140° 55′ 51.0″E
42° 20′ 27.5″N 140° 55′ 50.0″E
(NIMA; GIMM014/98)

96949 21Ed. 5/9/98 LAST NM 38/98 2/00
Delete Depth 4 meters 42° 21′ 34.0″N 140° 57′ 28.3″E
Depth 9.2 meters 42° 21′ 33.0″N 140° 57′ 33.8″E
Foul ground symbol 42° 21′ 32.2″N 140° 57′ 33.8″E

Add Depth 10.1 meters [I10] 42° 21′ 29.2″N 140° 57′ 34.8″E
Depth 9 meters [I10] 42° 21′ 33.2″N 140° 57′ 33.0″E
(45(1810)99 Tokyo)

96949 21Ed. 5/9/98 LAST NM 2/00 24/01
Add Depth 6.4 meters, mud 42° 19′ 39.0″N 140° 58′ 22.1″E
(17(605)01 Tokyo)

96949 21Ed. 5/9/98 LAST NM 24/01 25/01
Add Depth 5.5 meters Rk [K14.2]
42° 20′ 12.3″N 140° 55′ 24.1″E
Depth 9.2 meters Rk [K14.2]
42° 20′ 18.3″N 140° 55′ 20.6″E
Depth 5.3 meters Rk [K14.1]
42° 20′ 23.4″N 140° 55′ 29.1″E
(21(762)01 Tokyo)

96949 21Ed. 5/9/98 LAST NM 25/01 31/01
Add Rock awash [K12] 42° 20′ 17.1″N 140° 55′ 31.7″E
Rock awash [K12] 42° 20′ 12.0″N 140° 55′ 33.9″E
(25(954)01 Tokyo)

96949 21Ed. 5/9/98 LAST NM 31/01 45/02
Substitute Double solid line with land tint (bridge) for
double dashed line in vicinity
42° 21′ 09.0″N 140° 57′ 00.0″E
and delete legend "Bridge Under Construction
(1995)"
(37(1540)98 Tokyo)

96949 21Ed. 5/9/98 LAST NM 45/02 22/03
Delete Depth 7 meters 42° 19′ 53.0″N 140° 58′ 12.3″E
Depth 7.4 meters 42° 19′ 52.2″N 140° 58′ 14.5″E
Depth 6.3 meters 42° 19′ 51.0″N 140° 58′ 18.0″E
Depth 6 meters 42° 19′ 45.5″N 140° 58′ 17.6″E
Depth 7.4 meters 42° 19′ 44.5″N 140° 58′ 14.8″E

Substitute Depth 5.4 meters for 5 meters
42° 19′ 47.3″N 140° 58′ 15.5″E

Depth 3.4 meters for 3.8 meters
42° 19′ 46.0″N 140° 58′ 11.5″E

Add Land tint to area bound by shore and solid line
joining 42° 19′ 52.0″N 140° 58′ 11.5″E
42° 19′ 51.4″N 140° 58′ 17.0″E
42° 19′ 51.0″N 140° 58′ 18.0″E
42° 19′ 50.2″N 140° 58′ 18.2″E
42° 19′ 46.6″N 140° 58′ 17.8″E
42° 19′ 46.8″N 140° 58′ 16.0″E
42° 19′ 49.6″N 140° 58′ 16.5″E
42° 19′ 50.0″N 140° 58′ 11.3″E

Double solid line with land tint (pier) between
42° 19′ 49.8″N 140° 58′ 15.0″E
42° 19′ 48.5″N 140° 58′ 14.8″E

Depth 6.3 meters 42° 19′ 53.8″N 140° 58′ 12.3″E
Depth 7.7 meters 42° 19′ 52.8″N 140° 58′ 16.6″E
Depth 4.3 meters 42° 19′ 52.3″N 140° 58′ 12.0″E
Depth 5.6 meters 42° 19′ 52.0″N 140° 58′ 13.9″E
Depth 6.8 meters 42° 19′ 51.9″N 140° 58′ 16.8″E
Depth 7.4 meters 42° 19′ 50.6″N 140° 58′ 20.4″E
Depth 7.1 meters 42° 19′ 50.0″N 140° 58′ 18.7″E
Depth 7.4 meters 42° 19′ 47.5″N 140° 58′ 21.1″E
Depth 6 meters 42° 19′ 47.2″N 140° 58′ 18.0″E
Depth 6.7 meters 42° 19′ 45.2″N 140° 58′ 19.0″E
Depth 6.6 meters 42° 19′ 44.7″N 140° 58′ 16.1″E
Depth 6.2 meters 42° 19′ 45.9″N 140° 58′ 16.3″E
Depth 4.8 meters 42° 19′ 48.0″N 140° 58′ 13.0″E
Depth 4.3 meters 42° 19′ 49.4″N 140° 58′ 12.0″E
(15(529)03 Tokyo)

96949 21Ed. 5/9/98 LAST NM 22/03 24/05
Add Depth 1.8 meters 42° 20′ 19.0″N 140° 57′ 50.5″E
(17(495)05 Tokyo)

96949 21Ed. 5/9/98 LAST NM 24/05 8/06
Delete Depth 5.7 meters 42° 20′ 24.0″N 140° 57′ 46.3″E
Depth 5.6 meters 42° 20′ 20.5″N 140° 57′ 50.2″E

Add Depth 3.2 meters 42° 20′ 25.0″N 140° 57′ 40.8″E
Depth 5.5 meters 42° 20′ 24.6″N 140° 57′ 46.0″E
Depth 2.6 meters 42° 20′ 22.9″N 140° 57′ 45.6″E
Depth 2.5 meters 42° 20′ 22.5″N 140° 57′ 47.0″E
Depth 5.6 meters 42° 20′ 22.0″N 140° 57′ 48.8″E
Depth 2.7 meters 42° 20′ 21.0″N 140° 57′ 48.3″E
Depth 2.3 meters 42° 20′ 19.8″N 140° 57′ 48.0″E
Depth 5.5 meters 42° 20′ 19.8″N 140° 57′ 51.0″E
Foul ground symbol [K31] 42° 20′ 21.0″N 140° 57′ 47.0″E

Chartlet, depicting changes in hydrography and
topography, from Subsection I-2
42° 20′ 30.0″N 140° 56′ 06.0″E
(30(894)05 Tokyo)

96949 21Ed. 5/9/98 LAST NM 8/06 16/08
Add Danger circle "Obstn" [K40]
42° 21′ 19.0″N 140° 55′ 46.0″E
(8(246)08 Tokyo)

96949 21Ed. 5/9/98 LAST NM 16/08 33/08
Change Visibility (range) of light to 8M
42° 20′ 36.0″N 140° 58′ 47.0″E
(26(893)08 Tokyo)

96949 21Ed. 5/9/98 LAST NM 33/08 21/09
Change Light to Fl(2) G 6s 15m 7M
42° 21′ 13.2″N 140° 55′ 01.2″E

Add Double solid line with land tint (pier) [F14]
between 42° 19′ 48.6″N 140° 58′ 13.7″E
42° 19′ 49.9″N 140° 58′ 14.0″E
(7(258), 13(510)09 Tokyo)

96949 21Ed. 5/9/98 LAST NM 21/09 13/10
Change Visibility (range) of light to 3M
42° 21′ 14.0″N 140° 56′ 52.7″E
Visibility (range) of light to 3M
42° 21′ 02.3″N 140° 57′ 01.0″E
(7(261)10 Tokyo)

★96951 1Ed. 6/3/10 NEW CHART N46/10
(NGA)

96951 1Ed. 6/3/10 LAST NM N46/10 N50/10
Change Shape of buoy to spar 42° 37′ 42.0″N 141° 37′ 25.0″E
(31(1182)10 Tokyo)

96951 1Ed. 6/3/10 LAST NM N50/10 N2/11
Add Danger circle [K1] "Wave meter"
42° 35′ 50.9″N 141° 41′ 56.2″E

Submarine cable [L30.1] between
42° 35′ 50.9″N 141° 41′ 56.2″E
42° 36′ 07.7″N 141° 42′ 02.0″E
(43(1581)10 Tokyo)

★96960 3Ed. 5/10/97 NEW EDITION 28/97
Add Wreck 45° 53.0′ N 141° 33.0′ E
(Previously published 27/97)

Change Light to (AERO) Al Fl WG 4½s 45° 24.2′ N 141° 48.2′ E
Iso R 12M, Iso G 12M 45° 06.6′ N 141° 12.4′ E

Characteristic of light to Fl(2) 7s 44° 24.8′ N 141° 17.7′ E
Visibility (range) of light to 11M 44° 26.6′ N 141° 19.7′ E

Add Light
Fl 5s 15M (PA) 46° 17.4′ N 141° 53.1′ E
Fl R 4s 9M 44° 09.0′ N 141° 39.4′ E
Fl(2) G 6s 11M, Fl R 3s 12M 43° 57.4′ N 141° 38.2′ E
Oc R 4s 11M 43° 50.1′ N 141° 28.7′ E
Iso 6s 10M 43° 16.3′ N 141° 22.5′ E
Fl R 3s 11M 43° 14.0′ N 141° 01.0′ E
Fl G 3s 8M 43° 13.1′ N 140° 19.7′ E
Iso G 4s 12M 43° 08.5′ N 140° 25.5′ E
(NIMA; Jpn CH 41; Jpn LL; BA LL)

96960 3Ed. 5/10/97 LAST NM 28/97 38/97
Substitute Disused submarine cable for
submarine cable between 46° 16.7′ N 141° 14.6′ E
45° 20.8′ N 141° 39.0′ E
(21(969)97 Tokyo)

96960 3Ed. 5/10/97 LAST NM 38/97 47/97
Add Depth 9.3 meters 44° 48.0′ N 140° 18.5′ E
(39(1752)97 Tokyo)

96960 3Ed. 5/10/97 LAST NM 47/97 9/99
Add Light Fl(2) R 6M, Fl R 9M 45° 11.4′ N 141° 08.0′ E
(49(2115)97 Tokyo)

96960 3Ed. 5/10/97 LAST NM 9/99 11/99
Change Light to Fl R 4s 3M, Iso R 4s 12M 45° 31.2′ N 141° 56.7′ E

Add Light
Fl(4) 30s 17M HORN R Bn Ramark
45° 31.3′ N 141° 56.1′ E
Iso G 4s 12M 45° 29.2′ N 141° 52.6′ E
F Fl G 6s 12/5M 45° 27.9′ N 141° 52.5′ E
Q 12M 45° 25.7′ N 141° 45.0′ E
F Fl G 6s 11/5M 45° 20.4′ N 141° 03.1′ E
F Fl R 6s 12/6M 45° 18.5′ N 141° 01.1′ E
Iso G 6s 12M, Fl R 3s 9M 45° 18.1′ N 141° 03.0′ E
Iso R 6s 12M 45° 12.4′ N 141° 08.2′ E
Fl(2) R 6s 9M 45° 14.7′ N 141° 14.0′ E
(Jpn CH 1040; Jpn LL)

96960 3Ed. 5/10/97 LAST NM 11/99 25/99
Delete Depth 10 meters Rk 44° 47.7′ N 140° 20.2′ E
Delete Depth 5 meters 44° 46.7′ N 140° 20.3′ E
(19(800)99 Tokyo)

96960 3Ed. 5/10/97 LAST NM 25/99 43/99
Delete HORN from light 45° 26.9′ N 141° 38.7′ E
(16(676)98 Tokyo)

96960 3Ed. 5/10/97 LAST NM 43/99 6/00
Change Light to Fl R 3s 9M 45° 18.0′ N 141° 03.0′ E

Add Light Fl(2) R 6s 6M 45° 17.8′ N 141° 03.1′ E
(44(1771)99 Tokyo)

96960 3Ed. 5/10/97 LAST NM 6/00 1/01
Change Visibility (range) of light to 3M 43° 13.0′ N 140° 19.6′ E
(33(1160)00 Tokyo; Jpn LL)

96960 3Ed. 5/10/97 LAST NM 1/01 9/02
Delete Legend "(PA)" from light 46° 17.4′ N 141° 53.1′ E

Relocate Light from 46° 17.4′ N 141° 53.1′ E to
46° 17.4′ N 141° 53.5′ E
(Rus CH 62100; BA LL)

96960 3Ed. 5/10/97 LAST NM 9/02 7/03
Delete Light 44° 09.0′ N 141° 39.4′ E

Add Light Fl R 4s 7M 44° 09.5′ N 141° 39.2′ E
(51(1779)02 Tokyo)

96960 3Ed. 5/10/97 LAST NM 7/03 47/03
Delete Submarine cable in vicinity 43° 34.0′ N 140° 28.0′ E
(40(1501)03 Tokyo)

96960 3Ed. 5/10/97 LAST NM 47/03 16/04
Add Submarine pipeline [L40.1] joining 43° 00.2′ N 140° 25.3′ E
42° 59.8′ N 140° 29.7′ E
42° 59.4′ N 140° 30.5′ E
(3(53)04 Tokyo)

96960 3Ed. 5/10/97 LAST NM 16/04 32/04
Add Submarine cable [L30.1] joining 43° 10.6′ N 141° 15.2′ E
43° 16.3′ N 141° 10.5′ E
43° 17.0′ N 141° 10.0′ E
43° 24.6′ N 141° 00.1′ E
43° 33.1′ N 140° 55.8′ E
43° 36.1′ N 140° 46.3′ E
43° 43.8′ N 140° 36.3′ E
43° 43.9′ N 140° 16.0′ E
43° 49.3′ N 140° 09.8′ E
43° 49.5′ N 140° 02.7′ E
43° 42.0′ N 139° 52.8′ E

Submarine cable [L30.1] joining 43° 16.3′ N 141° 10.5′ E
43° 23.7′ N 140° 58.7′ E
43° 32.7′ N 140° 53.5′ E
43° 42.0′ N 140° 20.0′ E
43° 42.0′ N 140° 17.0′ E
43° 38.0′ N 139° 55.0′ E
(35(1427)99 Tokyo)

96960 3Ed. 5/10/97 LAST NM 32/04 34/04
Add Depth 104 meters 45° 47.2′ N 141° 20.9′ E
(16(433)04 Tokyo)

96960 3Ed. 5/10/97 LAST NM 34/04 36/04
Change Visibility (range) of beacon to 8M 45° 25.6′ N 141° 45.0′ E
(38(1545)99 Tokyo; Jpn LL)

96960 3Ed. 5/10/97 LAST NM 36/04 1/06
Change Visibility (range) of light to 7M 44° 26.7′ N 141° 19.7′ E
(42(1241)05 Tokyo)

96960 3Ed. 5/10/97 LAST NM 1/06 21/06
Change Visibility (range) of light to 5M 45° 14.5′ N 141° 14.1′ E
(46(1365)05 Tokyo)

96960 3Ed. 5/10/97 LAST NM 21/06 31/07
Change Light to Fl G 3s 11m 3M 45° 20.4′ N 141° 03.1′ E
(23(728)07 Tokyo)

96960 3Ed. 5/10/97 LAST NM 31/07 8/08
Change Light to Fl R 7M 44° 22.7′ N 141° 41.6′ E
(52(1751)07 Tokyo)

96960 3Ed. 5/10/97 LAST NM 8/08 17/08
Delete Light 45° 30.8′ N 141° 53.5′ E
Light 45° 23.4′ N 141° 03.4′ E

Change Light to Fl R 5M 44° 26.6′ N 141° 23.9′ E

Add Light Oc R 4s 8M 45° 30.8′ N 141° 53.8′ E
(49(1624), 50(1673)07, 4(113)08 Tokyo)

96960 3Ed. 5/10/97 LAST NM 17/08 28/08
Change Light to Fl R 3s 5M 43° 12.8′ N 140° 46.9′ E
(22(742)08 Tokyo)

96960 3Ed. 5/10/97 LAST NM 28/08 3/09
Change Visibility (range) of light to 7M 43° 14.0′ N 141° 01.0′ E
(Jpn LL)

96960 3Ed. 5/10/97 LAST NM 3/09 23/09
Change Characteristic of light to Fl 8s 43° 14.3′ N 141° 00.8′ E
(8(299)09 Tokyo)

96960 3Ed. 5/10/97 LAST NM 23/09 24/09
Change Visibility (range) of light to 21M 43° 20.0′ N 140° 20.8′ E

Visibility (range) of light to 19M 43° 22.1′ N 140° 29.0′ E
and delete R Bn and Ramark
(47(1646)08, 3(95)09 Tokyo)

96960 3Ed. 5/10/97 LAST NM 24/09 32/09
Delete Light 43° 16.3′ N 141° 22.5′ E
(Jpn LL)

96960 3Ed. 5/10/97 LAST NM 32/09 36/09
Delete Submarine cable between 44° 22.0′ N 141° 41.5′ E
44° 25.0′ N 141° 19.5′ E

Submarine cables (2) between 44° 22.1′ N 141° 41.5′ E
44° 26.2′ N 141° 25.7′ E

Add Submarine cable [L30.1] joining 44° 21.9′ N 141° 41.5′ E
44° 22.5′ N 141° 36.8′ E
44° 23.8′ N 141° 32.1′ E
44° 24.4′ N 141° 24.5′ E
44° 25.3′ N 141° 19.6′ E

Disused submarine cable [L32] between
44° 23.6′ N 141° 37.0′ E
44° 26.2′ N 141° 25.7′ E
(Jpn CH W1045)

96960 3Ed. 5/10/97 LAST NM 36/09 45/09
Change Visibility (range) of light (Iso R) to 5M
45° 31.2′ N 141° 56.7′ E
(35(1503)09 Tokyo)

96960 3Ed. 5/10/97 LAST NM 45/09 5/10
Change Visibility (range) of light to 5M 43° 14.0′ N 141° 01.0′ E
(45(1922)09 Tokyo)

96960 3Ed. 5/10/97 LAST NM 5/10 8/10
Change Visibility (range) of light to 5M 44° 26.4′ N 141° 25.6′ E
(47(1990)09 Tokyo)

96960 3Ed. 5/10/97 LAST NM 8/10 42/10
Change Visibility (range) of light to 7M 44° 24.8′ N 141° 17.7′ E

Visibility (range) of light (Fl 10s) to 20M
44° 26.2′ N 141° 19.4′ E
(24(968)10 Tokyo)

96960 3Ed. 5/10/97 LAST NM 42/10 17/12
Delete Light 45° 30.8′ N 141° 53.8′ E
Light 45° 29.2′ N 141° 52.6′ E
(Jpn LL)

★96962 4Ed. 8/9/97 NEW EDITION 41/97
Delete Light 41° 22.3′ N 141° 14.6′ E
Tower symbol 42° 18.3′ N 143° 19.2′ E

Substitute Fish haven symbol for depth 28 meters
41° 31.3′ N 140° 52.7′ E
Depth 28 meters Wk for 25 meters 42° 20.2′ N 140° 54.7′ E
Danger circle "Wavemeter" for buoy
42° 35.8′ N 141° 42.0′ E

Change Visibility (range) of light (Iso G)
to 11M 41° 31.8′ N 140° 54.3′ E

Light to
Fl R 3s 12M, Fl G 4s 12M 41° 43.2′ N 141° 01.7′ E
Iso G 4s 11M, Iso R 4s 11M 41° 47.3′ N 141° 08.0′ E

Add Submarine cable (power) between 41° 27.9′ N 140° 53.0′ E
41° 28.8′ N 140° 50.8′ E

"Explosives Dumping Ground (disused)"
area bound by purple dashed-line circle,
radius 1.1 miles, centered 41° 38.1′ N 140° 52.7′ E
41° 54.0′ N 141° 12.6′ E

Depth 41 meters Wk 41° 28.0′ N 141° 28.2′ E

"Fish haven" area with blue tint
bound by dotted-line circle, radius
0.6 mile, centered 42° 32.7′ N 141° 45.2′ E

Fish haven symbol 41° 59.0′ N 140° 55.7′ E
41° 55.0′ N 140° 58.3′ E
41° 43.4′ N 140° 55.8′ E
41° 44.3′ N 140° 53.4′ E
42° 20.1′ N 141° 03.0′ E
42° 31.6′ N 141° 20.5′ E
42° 36.2′ N 141° 32.4′ E
42° 35.9′ N 141° 32.7′ E

Solid line (breakwater)
between 42° 18.4′ N 143° 19.2′ E
42° 18.2′ N 143° 20.3′ E

joining 41° 21.9′ N 141° 14.1′ E
41° 22.2′ N 141° 14.2′ E
41° 22.3′ N 141° 14.6′ E

Solid line (pier) between 41° 21.7′ N 141° 14.3′ E
41° 22.1′ N 141° 14.4′ E

Light
Fl R 3s 14m 12M 41° 44.6′ N 141° 04.5′ E
Fl(2) R 6s 11m 3M 41° 47.7′ N 141° 10.4′ E
Dir F WRG 10-9M 41° 22.2′ N 141° 14.2′ E
Fl R 4s 12M 41° 22.3′ N 141° 14.6′ E
Fl G 4s 11M 41° 22.1′ N 141° 14.6′ E

Visibility (range) 10M to light 42° 35.4′ N 141° 47.8′ E

Submarine pipeline between 42° 37.8′ N 141° 39.1′ E
42° 36.4′ N 141° 38.7′ E

Caution note
"CAUTION
Differences in latitude and longitude
may exist between this and other charts
of the area; therefore, the transfer of
positions from one chart to another
should be done by bearings and distances
from common features." 42° 20.0′ N 143° 00.0′ E
(NIMA; Jpn CH 10, 1030; BA CH 1340; Jpn LL)

96962 4Ed. 8/9/97 LAST NM 41/97 46/97
Add Wreck 41° 28.7′ N 141° 26.7′ E
(33(1500)97 Tokyo)

96962 4Ed. 8/9/97 LAST NM 46/97 47/97
Add Buoy
"1" G, pillar, can topmark, Fl G 4s
41° 23′ 39″N 141° 17′ 07″E
"2" R, pillar, cone topmark, Fl R 4s
41° 23′ 45″N 141° 16′ 58″E

Stranded wreck 41° 59′ 48″N 143° 09′ 24″E
Wreck 42° 25′ 30″N 141° 40′ 00″E
(38(1692), 40(1770), 41(1791)97 Tokyo)

96962 4Ed. 8/9/97 LAST NM 47/97 51/97
Add Wreck 42° 02.0′ N 141° 11.3′ E
42° 05.6′ N 141° 08.2′ E
(45(1950)97 Tokyo)

96962 4Ed. 8/9/97 LAST NM 51/97 11/98
Change Light to Fl(2) G 6s 12m 6M,
Fl G 3s 11m 5M 42° 07.6′ N 142° 55.0′ E

Add Light Iso R 4s 14m 12M 42° 07′ 22″N 142° 54′ 36″E
(43(1879)97 Tokyo; Jpn LL)

96962 4Ed. 8/9/97 LAST NM 11/98 13/99
Change Light to Fl(2) R 6s 13m 10M 41° 26.2′ N 140° 51.7′ E
(50(2154)97 Tokyo)

96962 4Ed. 8/9/97 LAST NM 13/99 14/99
Change Light to F Fl G 5s 11m 7/11M 42° 09.9′ N 142° 46.0′ E

Add Light Fl R 3s 13m 9M 42° 09′ 53″N 142° 45′ 27″E
(51(2185)97 Tokyo)

96962 4Ed. 8/9/97 LAST NM 14/99 15/99
Add Wreck 42° 02.2′ N 142° 53.9′ E
(8(296)99 Tokyo)

96962 4Ed. 8/9/97 LAST NM 15/99 24/99
Change Light to Fl(2) R 5s 15m 9M, Fl R 3s 8m 6M
42° 00.9′ N 143° 08.7′ E
(4(138)98 Tokyo)

96962 4Ed. 8/9/97 LAST NM 24/99 45/99
Delete Stranded wreck 41° 59′ 48″N 143° 09′ 24″E
(39(1604)99 Tokyo)

96962 4Ed. 8/9/97 LAST NM 45/99 1/00
Add Submarine cable [L30.1] joining
41° 37′ 30″N 140° 50′ 47″E
41° 37′ 54″N 140° 51′ 48″E
41° 38′ 00″N 140° 54′ 24″E
41° 33′ 36″N 141° 03′ 48″E
41° 36′ 12″N 141° 15′ 24″E
41° 39′ 48″N 141° 26′ 36″E
41° 43′ 30″N 141° 31′ 00″E
41° 46′ 24″N 141° 45′ 00″E
41° 46′ 18″N 141° 50′ 00″E
41° 22′ 00″N 143° 03′ 00″E
41° 20′ 11″N 143° 04′ 24″E
(42(1725)99 Tokyo)

96962 4Ed. 8/9/97 LAST NM 1/00 48/00
Add Light Fl R 3s 3M 42° 02′ 14″N 143° 18′ 00″E
(9(282)00 Tokyo)

96962 4Ed. 8/9/97 LAST NM 48/00 1/01
Add Light Fl R 3s 11m 3M 42° 03′ 43″N 143° 03′ 41″E
(33(1157)00 Tokyo; Jpn LL)

96962 4Ed. 8/9/97 LAST NM 1/01 34/01
Add Depth 4.8 meters Rk [K14.2] 41° 54′ 51″N 143° 15′ 52″E
Depth 8 meters Rk [K14.2] 41° 54′ 40″N 143° 15′ 05″E
(37(1349), 38(1387)00 Tokyo)

96962 4Ed. 8/9/97 LAST NM 34/01 36/01
Add Fish haven symbol [K46.1] 41° 42′ 40″N 141° 00′ 49″E
Fish haven symbol [K46.1] 41° 43′ 39″N 140° 56′ 01″E
Fish haven symbol [K46.1] 41° 44′ 02″N 140° 54′ 17″E
(30(1154)01 Tokyo)

96962 4Ed. 8/9/97 LAST NM 36/01 19/02
Change Visibility (range) of light to 6M
42° 22′ 42″N 142° 16′ 24″E
(12(387)02 Tokyo)

96962 4Ed. 8/9/97 LAST NM 19/02 30/02
Delete Light 42° 15′ 00″N 142° 33′ 00″E

Change Light to Fl R 3s 9m 6M 42° 19′ 25″N 142° 22′ 04″E
Visibility (range) of light to 4M
42° 22′ 42″N 142° 16′ 24″E
(See 19/02-96962)

Add Light Fl R 3s 16m 10M 42° 14′ 36″N 142° 32′ 55″E
Light Iso G 6s 14m 3M 42° 14′ 41″N 142° 32′ 55″E
(17(582)00, 10(337), 14(482)01 Tokyo; Jpn LL)

96962 4Ed. 8/9/97 LAST NM 30/02 35/02
Delete Horn from light 42° 09′ 45″N 142° 46′ 35″E

Change Light to Fl(2) R 5s 14m 4M, Fl R 3s 8m 6M
42° 00′ 51″N 143° 08′ 27″E

Visibility (range) of light to 10M
42° 09′ 53″N 142° 45′ 27″E
(1(1), 52(1946)01, 11(346)02 Tokyo; Jpn LL)

96962 4Ed. 8/9/97 LAST NM 35/02 1/03
Change Visibility (range) of beacon to 3M
41° 33′ 00″N 140° 54′ 47″E
(46(1579)02 Tokyo)

96962 4Ed. 8/9/97 LAST NM 1/03 9/03
Change Light to Fl G 4s 11m 7M 41° 49′ 27″N 141° 10′ 15″E
(1(1)03 Tokyo)

96962 4Ed. 8/9/97 LAST NM 9/03 22/03
Change Light to Iso G 4s 9M, Iso R 4s 8M
41° 47′ 09″N 141° 07′ 49″E
(14(485)03 Tokyo; Jpn LL)

96962 4Ed. 8/9/97 LAST NM 22/03 33/03
Change Height of light to 15m 41° 49′ 27″N 141° 10′ 15″E
(See 9/03-96962)
(1(1)03 Tokyo; Jpn LL)

96962 4Ed. 8/9/97 LAST NM 33/03 23/04
Change Light to Fl G 3s 14m 7M 41° 24′ 42″N 141° 25′ 54″E
(26(1112)99 Tokyo; Jpn LL)

96962 4Ed. 8/9/97 LAST NM 23/04 26/04
Delete Buoy 41° 24′ 10″N 141° 17′ 23″E
(29(1236)99 Tokyo)

96962 4Ed. 8/9/97 LAST NM 26/04 39/04
Change Visibility (range) of light to 6M
42° 18′ 23″N 140° 58′ 02″E
(11(344)02 Tokyo; Jpn LL)

96962 4Ed. 8/9/97 LAST NM 39/04 46/04
Delete Submarine cable in vicinity 42° 34′ 24″N 141° 48′ 04″E
Danger circle "Wavemeter" 42° 33′ 13″N 141° 48′ 05″E
(38(975)04 Tokyo)

96962 4Ed. 8/9/97 LAST NM 46/04 47/04
Add Submarine cable [L30.1] joining
42° 19′ 52″N 141° 01′ 34″E
42° 19′ 23″N 141° 02′ 07″E
42° 18′ 47″N 141° 02′ 12″E
42° 18′ 04″N 141° 03′ 02″E
42° 12′ 48″N 141° 04′ 30″E
42° 11′ 54″N 141° 06′ 36″E
42° 11′ 06″N 141° 10′ 42″E
42° 10′ 18″N 141° 12′ 54″E
41° 54′ 00″N 141° 41′ 00″E
41° 40′ 18″N 141° 57′ 18″E
41° 22′ 48″N 141° 58′ 42″E
41° 21′ 54″N 141° 58′ 06″E
41° 21′ 11″N 141° 56′ 45″E
(21(555)04 Tokyo)

96962 4Ed. 8/9/97 LAST NM 47/04 50/04
Add Danger circle [K1] "Wave meter"
41° 26′ 46″N 141° 27′ 01″E
(41(1078)04 Tokyo)

96962 4Ed. 8/9/97 LAST NM 50/04 11/05
Add Fish haven symbol [K46.1] 41° 44′ 06″N 141° 03′ 52″E
Fish haven symbol [K46.1] 41° 45′ 09″N 141° 05′ 28″E
Fish haven symbol [K46.1] 41° 46′ 47″N 141° 07′ 15″E
Fish haven symbol [K46.1] 41° 46′ 44″N 141° 08′ 33″E
(4(96)05 Tokyo)

96962 4Ed. 8/9/97 LAST NM 11/05 17/05
Change Light to Mo(U) 14s 32m 13M 42° 36′ 15″N 141° 38′ 40″E
(10(281)05 Tokyo)

96962 4Ed. 8/9/97 LAST NM 17/05 19/05
Add Fish haven symbol [K46.1] 42° 15′ 48″N 143° 26′ 48″E
(13(360)05 Tokyo)

96962 4Ed. 8/9/97 LAST NM 19/05 24/05
Delete DIA from light 41° 55′ 33″N 143° 14′ 39″E
(17(494)05 Tokyo)

96962 4Ed. 8/9/97 LAST NM 24/05 13/06
Add Fish haven symbol [K46.1] 41° 23′ 29″N 141° 19′ 39″E
(4(86)06 Tokyo)

96962 4Ed. 8/9/97 LAST NM 13/06 21/06
Add Depth 94 meters 41° 41′ 00″N 141° 31′ 18″E
Depth 91 meters 41° 40′ 48″N 141° 32′ 18″E
Depth 248 meters 41° 47′ 30″N 141° 33′ 00″E
(NTM0024/2006)

96962 4Ed. 8/9/97 LAST NM 21/06 26/06
Delete Legend "Fl(2)R 6s 12m 11M" 41° 58.2′ N 141° 01.0′ E

Change Visibility (range) of light to 7M 41° 56.2′ N 140° 56.6′ E
(12(367)06 Tokyo; Jpn LL)

96962 4Ed. 8/9/97 LAST NM 26/06 3/07
Change Light to Fl(2) R 6s 5M 42° 06.0′ N 142° 59.1′ E
(43(1257)06 Tokyo)

96962 4Ed. 8/9/97 LAST NM 3/07 33/08
Delete Racon at light 41° 33.3′ N 140° 54.7′ E
(23(803)08 Tokyo)

96962 4Ed. 8/9/97 LAST NM 33/08 21/09
Change Light to Fl(2) G 6s 15m 7M 42° 21.3′ N 140° 54.9′ E
(13(510)09 Tokyo)

96962 4Ed. 8/9/97 LAST NM 21/09 36/09
Delete HORN from light 41° 33.3′ N 140° 54.7′ E

Change Visibility (range) of light to 12M 42° 28.4′ N 142° 04.8′ E

Add Light Fl(2) G 6s 3M 41° 52.1′ N 141° 07.1′ E
(22(920, 921, 927)09 Tokyo)

96962 4Ed. 8/9/97 LAST NM 36/09 11/10
Change Visibility (range) of light to 5/2M 41° 53.7′ N 141° 00.8′ E
Light to Fl(3) 18s 36m 12M 41° 33.3′ N 140° 54.7′ E
(3(96, 107)10 Tokyo)

★**97000** 3Ed. 9/9/89 NEW EDITION 7/90
(DMAHTC)

97000 3Ed. 9/9/89 LAST NM 7/90 26/91
Add Depth 103 meters 26° 03.5′ N 140° 56.8′ E
(11(283)85 Tokyo)

97000 3Ed. 9/9/89 LAST NM 26/91 29/93
Delete Depth 320 meters "Rep" 25° 44′ N 147° 10′ E
(12(457)93 Tokyo)

97000 3Ed. 9/9/89 LAST NM 29/93 39/93
Delete Depth 73 meters "(Rep)" 25° 20.0′ N 141° 16.5′ E
(28(1122)93 Tokyo)

97000 3Ed. 9/9/89 LAST NM 39/93 4/97
Delete Depth
369 meters "Rep (1982)" 23° 09.0′ N 142° 10.0′ E
612 meters 23° 05.0′ N 142° 19.0′ E
530 meters 22° 12.5′ N 141° 49.5′ E

Substitute Depth 99 meters for 214 meters 23° 45.0′ N 141° 44.3′ E

Add Depth
108 meters 23° 44.0′ N 141° 39.5′ E
92 meters 23° 04.5′ N 142° 19.5′ E
94 meters 22° 12.2′ N 141° 52.0′ E
(46(3818)96 Taunton)

97000 3Ed. 9/9/89 LAST NM 4/97 5/97
Delete Depth
539 meters 24° 23′ N 141° 28′ E
133 meters 24° 24′ N 141° 25′ E

Add Depth 625 meters 24° 23.4′ N 141° 29.1′ E

Depth 73 meters with legend
"Kita-Hukutoku Tai (volcano)" 24° 25.0′ N 141° 25.0′ E
(47(2229)96 Tokyo)

97000 3Ed. 9/9/89 LAST NM 5/97 14/97
Delete Depth 369 meters "Rep (1982)" 23° 09.0′ N 142° 20.0′ E
(See 4/97-97000)
(46(3818)96 Taunton)

97000 3Ed. 9/9/89 LAST NM 14/97 51/97
Delete Depth 197 meters 26° 52.8′ N 142° 16.0′ E
(28(1312)97 Tokyo)

97000 3Ed. 9/9/89 LAST NM 51/97 18/00
Delete Depth 162 meters and enclosing depth contour
in vicinity 26° 39.9′ N 142° 15.6′ E
(4(137)00 Tokyo)

97000 3Ed. 9/9/89 LAST NM 18/00 17/03
Delete Danger circle "Breakers Rep (1953)"
28° 34.0′ N 140° 49.0′ E
(4(151)99 Tokyo)

97000 3Ed. 9/9/89 LAST NM 17/03 40/03
Add Dashed-line circle with blue tint and legend
"Discolored Water Reported (2003)" (PA)
24° 17.8′ N 141° 59.1′ E
(NTM0028/2003)

97000 3Ed. 9/9/89 LAST NM 40/03 14/05
Change Light to Fl 10M, F WRG 13-10M 27° 04.8′ N 142° 12.5′ E
(50(1294)04 Tokyo)

97000 3Ed. 9/9/89 LAST NM 14/05 29/05
Add Dashed-line circle [Ke]
"Discolored water Rep (2005)" 24° 17.4′ N 141° 29.1′ E
(NTM0026/2005)

97000 3Ed. 9/9/89 LAST NM 29/05 33/05
Relocate Dashed-line circle "Discolored water
Rep (2005)" from 24° 17.4′ N 141° 29.1′ E to
24° 17.3′ N 141° 28.6′ E
(See 29/05-97000)
(NTM0026/2005)

97000 3Ed. 9/9/89 LAST NM 33/05 38/05
Delete Danger circle "Breakers Rep (1955)" (PA)
28° 12.0′ N 142° 22.0′ E

Dangerous underwater rock and enclosing
danger circle "Rep (1940)" 27° 18.0′ N 143° 46.0′ E
(NTM0023/2005)

97000 3Ed. 9/9/89 LAST NM 38/05 30/08
Add Depth 3548 meters "Rep (2006)" [I3.2]
28° 03.0′ N 140° 47.0′ E
(NTM0006/2008)

★**97000** 3Ed. 9/9/89 LAST NM 30/08 19/11
Delete Depth 400 meters 24° 49.5′ N 141° 09.3′ E

Add Depth 187 meters enclosed by depth contour
(200-meter) centered 24° 50.9′ N 141° 08.0′ E
(NTM0016/2011)

★**97000** 3Ed. 9/9/89 LAST NM 19/11 21/11
Delete Depth 1900 meters 26° 10.0′ N 141° 01.0′ E

Add Depth 246 meters 23° 37.1′ N 141° 47.5′ E

Depth 750 meters enclosed by depth contour
(1000-meter) centered 28° 05.0′ N 140° 48.3′ E
Depth 525 meters enclosed by depth contour
(1000-meter) centered 26° 12.5′ N 141° 01.0′ E
Depth 1317 meters enclosed by depth contour
(2000-meter) centered 28° 19.0′ N 140° 44.5′ E
(NTM0016/2011)

★**97000** 3Ed. 9/9/89 LAST NM 21/11 3/13
Delete Depth 3548 meters "Rep (2006)" 28° 03.0′ N 140° 47.0′ E

Add Depth 1432 meters enclosed by depth contour
(2000-meter) centered 28° 03.0′ N 140° 46.9′ E
(NTM0005/2012)

★**97000** 3Ed. 9/9/89 LAST NM 3/13 11/13
Substitute Depth 330 meters for 492 meters 21° 19.4′ N 144° 11.5′ E
(NTM0005/2012)

★**97005** 9Ed. 8/19/95 NEW EDITION 46/95
(DMA)

97005 9Ed. 8/19/95 LAST NM 46/95 45/96
Add Wreck 42° 49.6′ N 144° 53.8′ E
(38(1843)96 Tokyo)

97005 9Ed. 8/19/95 LAST NM 45/96 51/96
Change Light to Iso 18M Ramark 41° 49′ N 141° 10′ E
(46(2184)96 Tokyo)

97005 9Ed. 8/19/95 LAST NM 51/96 4/97
Change Light to Fl 26M 39° 15′ N 141° 57′ E
(49(2307)96 Tokyo)

97005 9Ed. 8/19/95 LAST NM 4/97 10/97
Add Light Oc(3) WR 17M 38° 49.7′ N 141° 36.2′ E
(3(89)97 Tokyo)

97005 9Ed. 8/19/95 LAST NM 10/97 11/97
Add Submarine cable joining 39° 16.8′ N 141° 55.3′ E
39° 17.3′ N 141° 57.5′ E
39° 16.1′ N 142° 05.8′ E
39° 15.0′ N 142° 26.5′ E
39° 14.7′ N 142° 29.9′ E
39° 13.9′ N 142° 46.1′ E
39° 12.2′ N 142° 59.1′ E
39° 10.0′ N 143° 14.4′ E

Danger circle "Wavemeter" 39° 15.0′ N 142° 26.5′ E
39° 14.7′ N 142° 29.9′ E

Dotted-line circle "Seismometer" 39° 13.9′ N 142° 46.1′ E
39° 12.2′ N 142° 59.1′ E
39° 10.0′ N 143° 14.4′ E
(3(88)97 Tokyo)

97005 9Ed. 8/19/95 LAST NM 11/97 18/97
Add Dangerous wreck 42° 35.2′ N 141° 35.3′ E
(8(335)97 Tokyo)

97005 9Ed. 8/19/95 LAST NM 18/97 23/97
Change Characteristic of light to Fl 40° 32′ N 141° 34′ E
(13(552)97 Tokyo)

97005 9Ed. 8/19/95 LAST NM 23/97 41/97
Add Wreck 42° 30.6′ N 143° 42.1′ E
(28(1287)97 Tokyo)

97005 9Ed. 8/19/95 LAST NM 41/97 46/97
Add Wreck 36° 41.5′ N 141° 03.9′ E
41° 28.7′ N 141° 26.7′ E
(31(1431), 33(1500)97 Tokyo)

97005 9Ed. 8/19/95 LAST NM 46/97 47/97
Add Wreck 42° 25.5′ N 141° 40.0′ E
(41(1791)97 Tokyo)

97005 9Ed. 8/19/95 LAST NM 47/97 51/97
Add Wreck 42° 02.0′ N 141° 11.3′ E
42° 05.6′ N 141° 08.2′ E
(45(1950)97 Tokyo)

97005 9Ed. 8/19/95 LAST NM 51/97 1/99
Add Wreck 42° 54.8′ N 144° 59.7′ E
(39(1620)98 Tokyo)

97005 9Ed. 8/19/95 LAST NM 1/99 9/99
Add Wreck 41° 53′ N 140° 04′ E
(3(83)99 Tokyo)

97005 9Ed. 8/19/95 LAST NM 9/99 15/99
Add Wreck 42° 02.2′ N 142° 53.9′ E
(8(296)99 Tokyo)

97005 9Ed. 8/19/95 LAST NM 15/99 43/99
Add Wreck [K29] 41° 40.1′ N 140° 40.1′ E
(37(1522)99 Tokyo)

97005 9Ed. 8/19/95 LAST NM 43/99 1/00
Add Submarine cable [L30.1] joining 41° 37.1′ N 140° 49.8′ E
41° 38.0′ N 140° 54.4′ E
41° 33.6′ N 141° 03.8′ E
41° 36.2′ N 141° 15.4′ E
41° 43.5′ N 141° 31.0′ E
41° 46.3′ N 141° 50.0′ E
41° 22.0′ N 143° 03.0′ E
41° 20.2′ N 143° 04.4′ E
(42(1725)99 Tokyo)

97005 9Ed. 8/19/95 LAST NM 1/00 33/01
Add Fish haven symbol [K46.1] 42° 36.2′ N 143° 45.2′ E
(16(546)00 Tokyo)

97005 9Ed. 8/19/95 LAST NM 33/01 51/01
Change Light to Iso 19M 36° 39.3′ N 140° 42.5′ E
(16(671)99 Tokyo)

97005 9Ed. 8/19/95 LAST NM 51/01 47/03
Change Visibility (range) of light to 20M 39° 12.0′ N 139° 33.4′ E
(40(1502)03 Tokyo)

97005 9Ed. 8/19/95 LAST NM 47/03 17/04
Delete Depth 1230 meters 41° 28.0′ N 144° 17.0′ E
(7(186)04 Tokyo)

97005 9Ed. 8/19/95 LAST NM 17/04 27/04
Add Submarine cable [L30.1] joining 37° 41.7′ N 142° 22.8′ E
38° 09.4′ N 141° 07.8′ E
38° 11.0′ N 141° 03.8′ E
38° 13.1′ N 141° 02.5′ E
38° 14.4′ N 141° 00.2′ E
(31(1294)99 Tokyo)

97005 9Ed. 8/19/95 LAST NM 27/04 32/04
Add Submarine cable [L30.1] joining 38° 08.8′ N 141° 08.9′ E
37° 31.8′ N 142° 10.4′ E
37° 26.0′ N 142° 11.2′ E
(35(1429)99 Tokyo)

97005 9Ed. 8/19/95 LAST NM 32/04 47/04
Add Submarine cable [L30.1] joining 42° 19.9′ N 141° 01.6′ E
42° 19.4′ N 141° 02.1′ E
42° 12.8′ N 141° 04.5′ E
42° 11.9′ N 141° 06.6′ E
42° 11.1′ N 141° 10.7′ E
41° 54.0′ N 141° 41.0′ E
41° 40.3′ N 141° 57.3′ E
41° 22.8′ N 141° 58.7′ E
41° 10.1′ N 141° 34.6′ E
41° 00.1′ N 141° 26.5′ E
40° 56.5′ N 141° 26.5′ E
40° 52.8′ N 141° 29.1′ E
40° 50.8′ N 141° 29.0′ E
40° 35.5′ N 141° 42.4′ E
40° 30.0′ N 141° 39.6′ E
(21(555)04 Tokyo)

97005 9Ed. 8/19/95 LAST NM 47/04 8/05
Add Wreck [K29] 43° 06.6′ N 145° 33.8′ E
Wreck [K29] 42° 50.9′ N 145° 01.3′ E
(51(1321)04, 2(34)05 Tokyo)

97005 9Ed. 8/19/95 LAST NM 8/05 17/05
Change Visibility (range) of light to 14M 41° 07.5′ N 140° 15.0′ E
(10(287)05 Tokyo)

97005 9Ed. 8/19/95 LAST NM 17/05 29/05
Change Visibility (range) of light to 12M 39° 45.0′ N 141° 59.0′ E
(21(623)05 Tokyo)

97005 9Ed. 8/19/95 LAST NM 29/05 40/05
Add Fish haven symbol [K46.2] "(auth min 44m)"
38° 14.0′ N 139° 17.9′ E
(9(261)05 Tokyo)

97005 9Ed. 8/19/95 LAST NM 40/05 41/05
Add Depth 31 meters Wk [K26] 37° 34.8′ N 141° 09.5′ E
(33(994)05 Tokyo)

97005 9Ed. 8/19/95 LAST NM 41/05 41/06
Add Depth 20 meters, blue tint and enclosing
depth contour (20-meter) centered 39° 17.4′ N 139° 33.8′ E
(33(982)06 Tokyo)

97005 9Ed. 8/19/95 LAST NM 41/06 42/06
Delete R Bn at light 38° 56.8′ N 139° 49.4′ E
(36(1063)06 Tokyo)

97005 9Ed. 8/19/95 LAST NM 42/06 8/07
Change Light to Fl 7M 41° 00.9′ N 140° 52.2′ E
(50(1494)06 Tokyo)

97005 9Ed. 8/19/95 LAST NM 8/07 44/07
Add Submarine cable [L30.1] joining 42° 11.5′ N 139° 31.6′ E
42° 05.2′ N 139° 44.9′ E
42° 07.9′ N 139° 56.1′ E
(36(1196)07 Tokyo)

97005 9Ed. 8/19/95 LAST NM 44/07 18/08
Add Wreck [K29] 41° 13.0′ N 141° 28.2′ E
(44(1465)07 Tokyo)

97005 9Ed. 8/19/95 LAST NM 18/08 24/08
Delete R Bn at light 42° 58.2′ N 144° 22.4′ E
(8(247)08 Tokyo)

97005 9Ed. 8/19/95 LAST NM 24/08 27/08
Delete Ramark at light 39° 12.0′ N 139° 33.4′ E
(21(712)08 Tokyo)

97005 9Ed. 8/19/95 LAST NM 27/08 32/08
Delete Ramark at light 42° 56.5′ N 144° 52.0′ E

(continued on next page)

97005 (Continued) 32/08
Ramark at light 41° 25.5′ N 140° 05.0′ E
Ramark at light 39° 39.0′ N 142° 01.2′ E
Ramark at light 38° 16.7′ N 141° 35.0′ E
Ramark at light 37° 00.0′ N 140° 58.5′ E
(25(867, 868, 872, 874, 875)08 Tokyo)

97005 9Ed. 8/19/95 LAST NM 32/08 33/08
Delete Racon at light 41° 33.3′ N 140° 54.7′ E
(23(803)08 Tokyo)

97005 9Ed. 8/19/95 LAST NM 33/08 21/09
Change Visibility (range) of light to 12M 41° 25.5′ N 140° 05.0′ E
(13(512)09 Tokyo)

97005 9Ed. 8/19/95 LAST NM 21/09 22/09
Change Visibility (range) of light to 12M 38° 16.4′ N 141° 30.8′ E
Light to Fl 5M 38° 51.4′ N 141° 40.0′ E
Visibility (range) of light to 5M 38° 50.5′ N 141° 37.4′ E
Visibility (range) of light to 14M 38° 49.7′ N 141° 36.2′ E
Visibility (range) of light to 12M 39° 01.8′ N 141° 50.6′ E
Light to Fl 5M 39° 39.0′ N 142° 01.2′ E
(6(223, 225-227), 11(445)09 Tokyo)

97005 9Ed. 8/19/95 LAST NM 22/09 23/09
Delete Light 41° 47.8′ N 140° 04.8′ E
Light 41° 42.2′ N 140° 01.8′ E
(8(301, 302)09 Tokyo)

97005 9Ed. 8/19/95 LAST NM 23/09 25/09
Change Visibility (range) of light to 17M 38° 55.8′ N 139° 49.4′ E
(Jpn LL)

97005 9Ed. 8/19/95 LAST NM 25/09 29/09
Delete Submarine cable between 42° 04.0′ N 139° 28.0′ E
42° 13.5′ N 139° 49.0′ E

Add Submarine cable [L30.1] joining 42° 15.0′ N 139° 47.0′ E
42° 15.0′ N 139° 43.0′ E
42° 10.1′ N 139° 35.9′ E
42° 03.9′ N 139° 29.8′ E
42° 04.3′ N 139° 28.0′ E
(Jpn CH 11)

97005 9Ed. 8/19/95 LAST NM 29/09 36/09
Change Visibility (range) of light to 12M 42° 29.0′ N 142° 05.0′ E
(22(921)09 Tokyo)

97005 9Ed. 8/19/95 LAST NM 36/09 11/10
Change Visibility (range) of light to 12M 41° 33.3′ N 140° 54.7′ E
(3(107)10 Tokyo)

97005 9Ed. 8/19/95 LAST NM 11/10 12/11
Change Visibility (range) of light to 13M 38° 41.8′ N 141° 33.6′ E
(Jpn LL)

97005 9Ed. 8/19/95 LAST NM 12/11 14/11
Delete Light 39° 16.5′ N 141° 55.5′ E

Change Visibility (range) of light to 20M 39° 15.0′ N 141° 57.0′ E
(Jpn LL)

★**97015** 10Ed. 2/4/89 NEW EDITION 7/90
(DMAHTC)

97015 10Ed. 2/4/89 LAST NM 7/90 34/90
Add Racon at light 36° 22.6′ N 140° 38.0′ E
(24(843)90 Tokyo)

97015 10Ed. 2/4/89 LAST NM 34/90 34/91
Add Depths
137 meters 33° 50.3′ N 140° 10.8′ E
170 meters 33° 42.5′ N 140° 01.5′ E
183 meters 33° 41.9′ N 140° 15.0′ E
(MCNM1046/90)

97015 10Ed. 2/4/89 LAST NM 34/91 52/92
Relocate Superbuoy "ODAS" close SW to 36° 33′ N 145° 23′ E
(36(1419)92 Tokyo)

97015 10Ed. 2/4/89 LAST NM 52/92 11/93
Delete R Bn, RDF at light 34° 47.6′ N 139° 22.5′ E

R Bn at lights 36° 59.5′ N 140° 59.1′ E
34° 53.9′ N 139° 53.5′ E
35° 08.2′ N 140° 19.3′ E
34° 36.0′ N 138° 50.9′ E
(MCC1231/93)

97015 10Ed. 2/4/89 LAST NM 11/93 22/96
Change Light to Al Fl(2+1) WG 18M Ramark 35° 08′ N 139° 40′ E
(16(32)96 Tokyo; Jpn LL)

97015 10Ed. 2/4/89 LAST NM 22/96 24/97
Change Light to Al Fl(2+1) WG 18M R Bn 35° 08′ N 139° 40′ E
(14(22)97 Tokyo)

97015 10Ed. 2/4/89 LAST NM 24/97 40/97
Add Dangerous wreck 35° 42.6′ N 140° 58.8′ E
(23(1029)97 Tokyo)

97015 10Ed. 2/4/89 LAST NM 40/97 41/97
Add Wreck 34° 59.8′ N 140° 06.6′ E
(29(1356)97 Tokyo)

97015 10Ed. 2/4/89 LAST NM 41/97 46/97
Add Wreck 35° 26.7′ N 140° 43.7′ E
36° 41.5′ N 141° 03.9′ E
(30(1394), 31(1431)97 Tokyo)

97015 10Ed. 2/4/89 LAST NM 46/97 20/99
Delete Depth 57 meters 33° 00.0′ N 139° 47.5′ E
(9(347)99 Tokyo)

97015 10Ed. 2/4/89 LAST NM 20/99 27/99
Delete Dangerous submerged rock (PA) 31° 53.0′ N 140° 01.0′ E

Add Depth 50 meters 31° 55.1′ N 140° 01.3′ E
(21(899)99 Tokyo; Jpn CH 1072)

97015 10Ed. 2/4/89 LAST NM 27/99 38/99
Add Submarine cable [L30.1] joining 35° 05.0′ N 139° 14.0′ E
34° 55.2′ N 139° 19.2′ E
34° 42.1′ N 139° 15.7′ E
34° 38.0′ N 139° 18.8′ E
34° 38.0′ N 139° 28.8′ E
34° 31.6′ N 139° 39.8′ E
34° 23.0′ N 139° 41.6′ E
34° 20.0′ N 139° 43.0′ E
34° 18.9′ N 139° 45.1′ E
(13(568)98 Tokyo)

97015 10Ed. 2/4/89 LAST NM 38/99 40/99
Delete Depth 50 meters "Rep" 30° 57.9′ N 138° 57.6′ E

Substitute Depth 168 meters for 230 meters 31° 00.0′ N 139° 00.1′ E
(34(1382)99 Tokyo)

97015 10Ed. 2/4/89 LAST NM 40/99 41/99
Change Light to Fl WR 17M Ramark 34° 54.1′ N 139° 53.3′ E
(14(613)98 Tokyo)

97015 10Ed. 2/4/89 LAST NM 41/99 44/99
Add Submarine cable [L30.1] joining 35° 11.4′ N 139° 37.0′ E
35° 09.2′ N 139° 31.7′ E
35° 00.0′ N 139° 25.2′ E
34° 54.5′ N 139° 26.2′ E
34° 53.4′ N 139° 31.0′ E
34° 46.7′ N 139° 36.3′ E
34° 38.3′ N 139° 36.2′ E
34° 34.8′ N 139° 42.2′ E
34° 22.0′ N 139° 44.3′ E
34° 18.3′ N 139° 52.5′ E
34° 05.4′ N 139° 52.7′ E
33° 55.8′ N 139° 48.0′ E
33° 45.6′ N 139° 50.0′ E
33° 08.0′ N 139° 21.5′ E
32° 40.2′ N 138° 56.2′ E
(16(695)98 Tokyo)

97015 10Ed. 2/4/89 LAST NM 44/99 52/99
Add Danger circle "Wave Meter" 35° 33.6′ N 140° 36.0′ E
(45(1819)99 Tokyo)

97015 10Ed. 2/4/89 LAST NM 52/99 51/01
Change Light to Iso 19M 36° 39.3′ N 140° 42.5′ E
(16(671)99 Tokyo)

97015 10Ed. 2/4/89 LAST NM 51/01 16/04
Add Submarine cable [L30.1] joining 36° 19.2′ N 140° 46.5′ E
36° 08.4′ N 141° 37.8′ E
35° 09.9′ N 141° 18.1′ E
34° 51.4′ N 141° 24.2′ E
34° 08.1′ N 140° 50.9′ E
34° 07.1′ N 140° 27.3′ E
33° 58.1′ N 140° 06.2′ E
33° 23.9′ N 139° 32.6′ E
33° 23.9′ N 139° 06.2′ E
(3(58)04 Tokyo)

97015 10Ed. 2/4/89 LAST NM 16/04 17/04
Delete HORN from light 36° 59.7′ N 140° 58.9′ E
(7(189)04 Tokyo)

97015 10Ed. 2/4/89 LAST NM 17/04 31/04
Add Submarine cable [L30.1] joining 36° 21.4′ N 140° 40.5′ E
36° 21.7′ N 140° 43.1′ E
36° 21.4′ N 140° 44.0′ E
36° 21.9′ N 140° 47.0′ E
36° 22.6′ N 140° 51.3′ E
36° 28.6′ N 141° 42.1′ E

Submarine cable [L30.1] joining 34° 54.0′ N 140° 13.0′ E
34° 55.2′ N 140° 07.0′ E
34° 56.5′ N 140° 04.5′ E
34° 57.6′ N 139° 59.8′ E
34° 58.2′ N 139° 57.7′ E
(34(1378)99 Tokyo)

97015 10Ed. 2/4/89 LAST NM 31/04 32/04
Add Submarine cable [L30.1] joining 34° 57.9′ N 139° 58.8′ E
34° 56.7′ N 140° 01.0′ E
34° 46.8′ N 140° 02.1′ E

Submarine cable [L30.1] joining 36° 30.2′ N 141° 31.1′ E
36° 29.8′ N 141° 12.0′ E
36° 21.7′ N 140° 44.5′ E
36° 21.8′ N 140° 38.6′ E
36° 23.3′ N 140° 36.9′ E
(35(1429, 1430)99 Tokyo)

97015 10Ed. 2/4/89 LAST NM 32/04 41/04
Add Submarine cable [L30.1] joining 35° 00.9′ N 139° 59.1′ E
35° 00.2′ N 140° 02.5′ E
34° 49.0′ N 140° 08.1′ E
34° 46.2′ N 140° 09.2′ E
34° 38.4′ N 140° 18.3′ E
34° 36.0′ N 140° 18.7′ E
34° 17.5′ N 140° 13.7′ E
34° 13.3′ N 140° 15.8′ E
33° 59.0′ N 140° 09.1′ E
33° 56.7′ N 140° 08.3′ E
33° 37.0′ N 139° 52.5′ E
33° 32.9′ N 139° 40.4′ E
33° 32.9′ N 139° 33.0′ E
33° 27.0′ N 139° 24.8′ E
33° 19.9′ N 139° 21.9′ E
33° 13.8′ N 139° 20.2′ E
32° 48.8′ N 138° 51.3′ E
32° 37.1′ N 138° 40.0′ E
(21(560)04 Tokyo)

97015 10Ed. 2/4/89 LAST NM 41/04 21/05
Change Visibility (range) of light to 22M 34° 41.4′ N 138° 44.5′ E
(Jpn LL)

97015 10Ed. 2/4/89 LAST NM 21/05 23/05
Delete Light 35° 19.0′ N 139° 21.0′ E
(Jpn LL)

97015 10Ed. 2/4/89 LAST NM 23/05 40/05
Add Wreck [K29] 35° 32.5′ N 140° 49.5′ E
(31(950)05 Tokyo)

97015 10Ed. 2/4/89 LAST NM 40/05 4/06
Add Submarine cable [L30.1] joining 35° 17.7′ N 139° 15.3′ E
35° 10.7′ N 139° 16.5′ E
35° 05.8′ N 139° 19.3′ E
35° 00.0′ N 139° 16.0′ E
34° 54.6′ N 139° 18.3′ E
34° 48.3′ N 139° 16.6′ E
34° 43.7′ N 139° 13.0′ E
34° 38.8′ N 139° 05.9′ E
34° 27.0′ N 139° 00.5′ E
34° 21.8′ N 138° 50.0′ E
(44(1775)99 Tokyo)

97015 10Ed. 2/4/89 LAST NM 4/06 27/06
Change Visibility (range) of light to 19M 34° 42.5′ N 138° 44.5′ E
(12(371)06 Tokyo)

97015 10Ed. 2/4/89 LAST NM 27/06 32/08
Delete Ramark at light 36° 59.7′ N 140° 58.9′ E
(25(875)08 Tokyo)

97015 10Ed. 2/4/89 LAST NM 32/08 7/09
Add Submarine cable [L30.1] joining 31° 58.7′ N 138° 40.0′ E
32° 16.3′ N 140° 15.9′ E
32° 58.2′ N 140° 52.4′ E
33° 30.5′ N 140° 55.7′ E
33° 56.4′ N 141° 31.7′ E
35° 27.0′ N 141° 34.3′ E
35° 59.8′ N 141° 42.5′ E
36° 17.7′ N 141° 22.9′ E
36° 19.5′ N 140° 46.7′ E
36° 22.9′ N 140° 38.5′ E
(6(85)02 Inchon)

97015 10Ed. 2/4/89 LAST NM 7/09 25/09
Change Light to F WRG 14-10M 34° 38.8′ N 138° 57.8′ E
(Jpn LL)

97015 10Ed. 2/4/89 LAST NM 25/09 35/09
Change Visibility (range) of light to 5M 34° 12.0′ N 139° 09.5′ E
(23(968)09 Tokyo)

97015 10Ed. 2/4/89 LAST NM 35/09 37/09
Delete Light 34° 54.9′ N 139° 49.5′ E
(24(1029)09 Tokyo)

97015 10Ed. 2/4/89 LAST NM 37/09 47/09
Delete R Bn and Ramark at light 35° 42.5′ N 140° 52.0′ E

Change Light to Dir F WRG, Iso RG 13M 35° 57.2′ N 140° 41.0′ E
(35(1508, 1509)09 Tokyo; Jpn LL)

97015 10Ed. 2/4/89 LAST NM 47/09 3/10
Delete Ramark at light 35° 08.5′ N 139° 40.6′ E
(28(1222)09 Tokyo)

97015 10Ed. 2/4/89 LAST NM 3/10 18/11
Add Depth 264 meters 31° 16.3′ N 140° 03.2′ E
(NTM0016/2011)

97015 10Ed. 2/4/89 LAST NM 18/11 49/12
Add Depth 378 meters 32° 35.6′ N 139° 35.6′ E
(NTM0005/2012)

★**97021** 8Ed. 2/12/11 NEW EDITION 22/11
Add Depth 264 meters 31° 16.3′ N 140° 03.2′ E
(NGA; NTM0016/2011)

97021 8Ed. 2/12/11 LAST NM 22/11 23/11
Add CAUTIONS note from Subsection I-2
35° 45.0′ N 137° 25.0′ E
(NGA)

97021 8Ed. 2/12/11 LAST NM 23/11 24/11
Add Note from Subsection I-2 36° 11.0′ N 139° 25.0′ E
(NGA)

97021 8Ed. 2/12/11 LAST NM 24/11 22/13
Delete Superbuoy 35° 27.0′ N 130° 00.5′ E
(27(381)12 Inchon)

97021 8Ed. 2/12/11 LAST NM 22/13 25/13
Add AIS [S17.1] to light 35° 29.6′ N 129° 26.6′ E
AIS [S17.1] to light 35° 28.4′ N 129° 24.4′ E
(7(107)13 Inchon)

97021 8Ed. 2/12/11 LAST NM 25/13 28/13
Add AIS [S17.1] to light 35° 21.5′ N 129° 21.6′ E
(7(108)13 Inchon)

97021 8Ed. 2/12/11 LAST NM 28/13 35/13
Add Buoy ODAS [Q58] "No 2" Y, conical,
Fl(5) Y 20s 34° 56.0′ N 129° 08.3′ E
(36(551)12 Inchon)

★**97022** (INT 535) 1Ed. 4/17/08 NEW CHART N5/12
(NGA)

97022 (INT 535) 1Ed. 4/17/08 LAST NM N5/12 N30/12
Add Depth 121 meters "Rep (1994)" enclosed by
dotted-line circle centered 30° 13.0′ N 130° 08.6′ E
(NTM0003/2012)

97022 (INT 535) 1Ed. 4/17/08 LAST NM N30/12 N21/13
Delete Dangerous wreck 34° 39.2′ N 128° 54.9′ E
(38(4275)11 Taunton)

97022 (INT 535) 1Ed. 4/17/08 LAST NM N21/13 N22/13
Delete Superbuoy ODAS 35° 27.0′ N 130° 00.5′ E
(27(381)12 Inchon)

97022 (INT 535) 1Ed. 4/17/08 LAST NM N22/13 N32/13
Add Buoy ODAS "No 3" Y, conical, Fl(5) Y 20s
34° 13.4′ N 128° 25.0′ E
(37(567)12 Inchon)

97022 (INT 535) 1Ed. 4/17/08 LAST NM N32/13 N35/13
Add Buoy ODAS [Q58] "No 2" Y, conical,
Fl(5) Y 20s 34° 56.0′ N 129° 08.3′ E
(36(551)12 Inchon)

★**97026** 10Ed. 4/1/89 NEW EDITION 7/90
(DMAHTC)

97026 10Ed. 4/1/89 LAST NM 7/90 31/90
Add Light Fl 37M 30° 49.8′ N 129° 57.9′ E
(17(570)90 Tokyo)

97026 10Ed. 4/1/89 LAST NM 31/90 34/93
Delete All reference to Loran-C rate 9970-Z
Note: Station permanently discontinued
(MCC1267/93)

97026 10Ed. 4/1/89 LAST NM 34/93 24/94
Add Depth 121 meters "Rep" 30° 13.0′ N 130° 08.6′ E
(MCC C001/94)

97026 10Ed. 4/1/89 LAST NM 24/94 3/95
Relocate Superbuoy ODAS close NE to 29° 01′ N 135° 02′ E
(49(2161)94 Tokyo)

97026 10Ed. 4/1/89 LAST NM 3/95 4/97
Relocate Superbuoy ODAS (29° 01′ N 135° 02′ E) to
29° 00′ N 134° 59′ E
(49(2310)96 Tokyo)

97026 10Ed. 4/1/89 LAST NM 4/97 28/97
Change Legend to "CONTINUED ON 94016" 25° 30′ N 129° 41′ E
(NIMA)

97026 10Ed. 4/1/89 LAST NM 28/97 6/99
Substitute Depth
14.5 meters for 53 meters 30° 12′ N 130° 03′ E
2.1 meters Rk for 3.2 meters 30° 03′ N 129° 51′ E
10.4 meters for 10.9 meters 30° 02′ N 129° 54′ E

Add Depth 12.1 meters 30° 01.7′ N 129° 51.7′ E
(50(2069)98 Tokyo)

97026 10Ed. 4/1/89 LAST NM 6/99 40/99
Delete Depth 50 meters "Rep" 30° 57.9′ N 138° 57.6′ E

Substitute Depth 168 meters for 230 meters 31° 00.0′ N 139° 00.1′ E
(34(1382)99 Tokyo)

97026 10Ed. 4/1/89 LAST NM 40/99 40/00
Delete Superbuoy ODAS 29° 00.0′ N 134° 59.0′ E
(32(1135)00 Tokyo)

97026 10Ed. 4/1/89 LAST NM 40/00 23/02
Change Light to Al WG 33M 30° 49.8′ N 129° 57.9′ E
(Jpn LL)

97026 10Ed. 4/1/89 LAST NM 23/02 23/04
Change Visibility (range) of light to 22M 25° 57.0′ N 131° 17.6′ E
(26(1123)99 Tokyo; Jpn LL)

97026 10Ed. 4/1/89 LAST NM 23/04 30/04
Add Submarine cable [L30.1] joining 29° 53.0′ N 130° 47.0′ E
29° 56.9′ N 130° 32.0′ E
29° 59.5′ N 130° 28.1′ E
30° 09.5′ N 130° 05.9′ E
30° 09.8′ N 129° 57.1′ E
30° 04.2′ N 129° 40.0′ E
(10(260)04 Tokyo)

97026 10Ed. 4/1/89 LAST NM 30/04 34/04
Change Visibility (range) of light to 13M 30° 22.4′ N 130° 40.0′ E
Visibility (range) of light to 12M 30° 14.0′ N 130° 33.4′ E
(16(432)04 Tokyo)

97026 10Ed. 4/1/89 LAST NM 34/04 26/05
Add Wreck [K29] 30° 25.5′ N 130° 47.1′ E
(20(580)05 Tokyo)

97026 10Ed. 4/1/89 LAST NM 26/05 27/08
Add Depth 4373 meters "Rep (2006)" [I3.2]
27° 15.8′ N 130° 58.6′ E
(NTM0006/2008)

97026 10Ed. 4/1/89 LAST NM 27/08 33/08
Add Depth 2522 meters "Rep (2007)" [I3.2]
25° 53.0′ N 130° 08.0′ E
(NTM0006/2008)

97026 10Ed. 4/1/89 LAST NM 33/08 7/09
Add Submarine cable [L30.1] joining 29° 53.0′ N 130° 47.0′ E
29° 53.9′ N 130° 56.7′ E
30° 04.2′ N 131° 11.5′ E
30° 07.6′ N 131° 12.8′ E
30° 11.5′ N 131° 18.7′ E
30° 15.2′ N 131° 54.2′ E
30° 25.6′ N 132° 29.0′ E
30° 31.1′ N 133° 12.7′ E
31° 00.0′ N 133° 54.0′ E
(6(85)02 Inchon)

97026 10Ed. 4/1/89 LAST NM 7/09 26/09
Add Submarine cable [L30.1] joining 30° 32.2′ N 129° 40.0′ E
30° 27.6′ N 129° 49.0′ E
30° 04.7′ N 130° 00.9′ E
30° 02.3′ N 130° 00.1′ E
29° 59.1′ N 130° 09.2′ E
29° 58.2′ N 130° 22.3′ E
29° 45.6′ N 130° 51.2′ E
29° 54.3′ N 131° 03.5′ E
30° 03.6′ N 131° 02.5′ E
30° 07.3′ N 131° 04.3′ E
30° 10.6′ N 131° 13.9′ E
30° 14.6′ N 131° 18.3′ E
30° 39.5′ N 131° 26.8′ E
30° 42.2′ N 131° 30.6′ E
30° 48.5′ N 131° 55.6′ E
31° 00.0′ N 132° 04.9′ E
(ROK CH 836)

★**97026** 10Ed. 4/1/89 LAST NM 26/09 29/09
Substitute Depth 517 meters for 320 meters "Rep"
25° 08.2′ N 135° 41.0′ E

Add Depth 733 meters 25° 31.0′ N 135° 27.5′ E
(NTM0011/2009)

97026 10Ed. 4/1/89 LAST NM 29/09 38/09
Add Depth 1029 meters 25° 37.6′ N 135° 36.6′ E
(NTM0011/2009)

★**97026** 10Ed. 4/1/89 LAST NM 38/09 45/09
Add Depth 839 meters 25° 26.8′ N 132° 54.8′ E
(NTM0011/2009)

97026 10Ed. 4/1/89 LAST NM 45/09 46/09
Delete Submarine cables (2) in vicinity 30° 28.0′ N 130° 17.0′ E
(39(1664)09 Tokyo)

★**97026** 10Ed. 4/1/89 LAST NM 46/09 52/12
Add Depth 994 meters enclosed by depth contour
(1000-meter) centered 25° 43.2′ N 131° 57.3′ E
(NTM0004/2012)

97026 10Ed. 4/1/89 LAST NM 52/12 31/13
Add Depth 1082 meters "Rep (2011)" enclosed by
dotted-line circle centered [I3.2] 27° 58.2′ N 133° 02.6′ E
(NTM0015/2013)

★**97028** (INT 5307) 1Ed. 11/1/12 NEW CHART N16/13
(NGA)

★**97029** 3Ed. 7/19/86 NEW EDITION 41/86
(DMAHTC)

★**97029** 3Ed. 7/19/86 LAST NM 41/86 24/88
Add Depths
399 meters "Rep (1987)" 32° 49.0′ N 139° 37.4′ E
367 meters "Rep (1987)" 32° 48.3′ N 139° 27.1′ E
362 meters "Rep (1987)" 32° 49.1′ N 139° 10.0′ E
1678 meters "Rep (1987)" 32° 41.4′ N 138° 38.0′ E
(MCNM8096/88)

97029 3Ed. 7/19/86 LAST NM 24/88 3/89
Delete HORN from light 34° 58.3′ N 139° 45.6′ E
(43(1250)88 Tokyo)

97029 3Ed. 7/19/86 LAST NM 3/89 14/89
Add Lights
Fl G 12M 34° 11.8′ N 139° 09.5′ E
Oc G 12M 34° 07.3′ N 139° 32.1′ E
(2(36, 37)89 Tokyo)

97029 3Ed. 7/19/86 LAST NM 14/89 33/89
Add Depth 43 meters 31° 54.9′ N 140° 01.4′ E
(25(242)89 Tokyo)

97029 3Ed. 7/19/86 LAST NM 33/89 3/91
Add Light Iso G 13M 34° 51.0′ N 138° 20.0′ E
(48(1674)90 Tokyo)

97029 3Ed. 7/19/86 LAST NM 3/91 4/91
Change Light to Iso G 13M 33° 07.5′ N 139° 48.5′ E
(49(1708)90 Tokyo)

97029 3Ed. 7/19/86 LAST NM 4/91 41/91
Add Submarine cable joining 34° 55′ 00″N 139° 29′ 00″E
34° 44′ 46″N 139° 37′ 11″E
34° 42′ 04″N 139° 42′ 41″E
34° 43′ 47″N 139° 51′ 10″E
34° 49′ 17″N 139° 55′ 14″E
34° 50′ 24″N 139° 55′ 16″E
34° 55′ 05″N 139° 59′ 22″E
34° 55′ 42″N 139° 58′ 44″E
34° 57′ 15″N 139° 58′ 45″E
(26(963)91 Tokyo)

97029 3Ed. 7/19/86 LAST NM 41/91 52/91
Delete Depth 40 meters 33° 53.1′ N 138° 47.1′ E

Add Depth 21 meters 33° 53.5′ N 138° 47.4′ E
(47(1706)91 Tokyo)

97029 3Ed. 7/19/86 LAST NM 52/91 43/92
Delete SIREN from light 34° 53.9′ N 139° 53.6′ E
(29(1147)92 Tokyo)

97029 3Ed. 7/19/86 LAST NM 43/92 8/93
Substitute Depth 40 meters for 64 meters 30° 30.8′ N 140° 17.2′ E
(45(1739)92 Tokyo)

97029 3Ed. 7/19/86 LAST NM 8/93 11/93
Delete R Bn, RDF at light 34° 47.6′ N 139° 22.5′ E

R Bn at lights 34° 53.9′ N 139° 53.5′ E
34° 35.6′ N 138° 13.5′ E
34° 36.0′ N 138° 50.9′ E
(MCC1231/93)

97029 3Ed. 7/19/86 LAST NM 11/93 18/93
Change Visibility (range) of light to 22M 34° 45.9′ N 139° 03.0′ E

Add Light Fl R 4M 33° 53.6′ N 139° 35.4′ E
(2(56), 3(95)93 Tokyo)

97029 3Ed. 7/19/86 LAST NM 18/93 27/93
Change Light to Al Fl WR 20M 34° 36.0′ N 138° 50.9′ E

Add Light Iso R 12M 34° 19.9′ N 139° 13.2′ E
(11(413, 416)93 Tokyo)

★**97029** 3Ed. 7/19/86 LAST NM 27/93 30/94
Add Depth 832 meters 31° 59.2′ N 139° 09.5′ E
(MCC1337/94)

97029 3Ed. 7/19/86 LAST NM 30/94 32/96
Change Light to F Fl G 12/5M 34° 03.2′ N 139° 33.0′ E
(27(1302)96 Tokyo)

97029 3Ed. 7/19/86 LAST NM 32/96 24/97
Change Light to Iso G 12M 34° 44.9′ N 139° 21.2′ E
(14(602)97 Tokyo)

97029 3Ed. 7/19/86 LAST NM 24/97 30/97
Add Submarine cable joining 34° 55.0′ N 140° 00.7′ E
34° 37.0′ N 139° 49.0′ E
34° 28.0′ N 139° 45.8′ E
34° 18.0′ N 139° 46.5′ E
34° 12.5′ N 139° 52.0′ E
34° 06.5′ N 139° 52.0′ E
33° 48.5′ N 139° 40.0′ E
(17(737)97 Tokyo)

97029 3Ed. 7/19/86 LAST NM 30/97 41/97
Add Dangerous wreck (PA) 33° 03.1′ N 139° 51.1′ E
(27(1255)97 Tokyo)

97029 3Ed. 7/19/86 LAST NM 41/97 44/97
Add Submarine cable
joining 34° 53.1′ N 139° 09.5′ E
34° 48.8′ N 139° 10.3′ E
34° 48.1′ N 139° 10.0′ E
34° 43.6′ N 139° 15.6′ E
34° 42.5′ N 139° 18.8′ E
34° 42.6′ N 139° 19.7′ E
34° 43.6′ N 139° 20.8′ E
34° 40.3′ N 139° 20.9′ E
34° 32.5′ N 139° 28.2′ E
34° 22.0′ N 139° 26.8′ E
34° 21.0′ N 139° 26.0′ E
34° 18.0′ N 139° 26.9′ E
34° 07.1′ N 139° 26.7′ E
34° 04.2′ N 139° 28.1′ E

joining 34° 03.4′ N 139° 26.5′ E
34° 02.4′ N 139° 25.9′ E
33° 59.0′ N 139° 26.2′ E
33° 55.6′ N 139° 41.8′ E
33° 43.0′ N 139° 48.1′ E
33° 28.0′ N 139° 51.6′ E
33° 09.4′ N 139° 51.3′ E
33° 09.0′ N 139° 49.0′ E
(24(1076)97 Tokyo)

97029 3Ed. 7/19/86 LAST NM 44/97 39/98
Add Depth 7 meters "Rep (1998)" 34° 35.4′ N 138° 57.0′ E
Danger circle "Obstn" 34° 35.7′ N 138° 05.7′ E
(26(1109, 1138)98 Tokyo)

97029 3Ed. 7/19/86 LAST NM 39/98 52/98
Substitute Depth 7.2 meters Rk for
7 meters "Rep (1998)" 34° 35.4′ N 138° 57.0′ E
(See 39/98-97029)
(34(1402)98 Tokyo)

97029 3Ed. 7/19/86 LAST NM 52/98 20/99
Delete Depth 57 meters 33° 00.0′ N 139° 47.2′ E
(9(347)99 Tokyo)

97029 3Ed. 7/19/86 LAST NM 20/99 27/99
Delete Depth 80 meters and dangerous submerged rock (PA) in vicinity 31° 54.5′ N 140° 01.0′ E

Depth 43 meters 31° 54.9′ N 140° 01.4′ E

Add Depth 50 meters 31° 54.9′ N 140° 01.5′ E
(21(899)99 Tokyo; Jpn CH 1072)

97029 3Ed. 7/19/86 LAST NM 27/99 38/99
Add Submarine cable [L30.1] joining 34° 55.0′ N 139° 19.0′ E
34° 42.1′ N 139° 15.7′ E
34° 38.0′ N 139° 18.8′ E
34° 38.0′ N 139° 28.8′ E
34° 31.6′ N 139° 39.8′ E
34° 23.0′ N 139° 41.6′ E
34° 20.0′ N 139° 43.0′ E
34° 18.9′ N 139° 45.1′ E
(13(568)98 Tokyo)

97029 3Ed. 7/19/86 LAST NM 38/99 39/99
Change Visibility (range) of light to 21M 34° 41.2′ N 139° 26.6′ E
(13(571)98 Tokyo)

97029 3Ed. 7/19/86 LAST NM 39/99 40/99
Delete Depth 50 meters "Repd" 30° 57.7′ N 138° 57.8′ E
Depth 230 meters 30° 59.3′ N 139° 00.5′ E

Add Depth 168 meters 30° 59.8′ N 139° 00.3′ E
(34(1382)99 Tokyo)

97029 3Ed. 7/19/86 LAST NM 40/99 44/99
Add Submarine cable [L30.1] joining 34° 55.0′ N 139° 26.0′ E
34° 54.5′ N 139° 26.2′ E
34° 53.4′ N 139° 31.0′ E
34° 46.7′ N 139° 36.3′ E
34° 38.3′ N 139° 36.2′ E
34° 34.8′ N 139° 42.2′ E
34° 23.8′ N 139° 43.3′ E
34° 22.0′ N 139° 44.3′ E
34° 18.3′ N 139° 52.5′ E
34° 05.4′ N 139° 52.7′ E
33° 55.8′ N 139° 48.0′ E
33° 50.9′ N 139° 50.4′ E
33° 45.6′ N 139° 50.0′ E
33° 38.0′ N 139° 41.8′ E
33° 35.0′ N 139° 36.8′ E
33° 31.0′ N 139° 32.5′ E
33° 16.8′ N 139° 26.7′ E
33° 13.8′ N 139° 26.0′ E
33° 08.0′ N 139° 21.5′ E
32° 56.9′ N 139° 04.8′ E
32° 40.2′ N 138° 56.2′ E
(16(695)98 Tokyo)

97029 3Ed. 7/19/86 LAST NM 44/99 19/02
Change Light to Fl 10M 34° 04.6′ N 139° 34.2′ E
Light to Fl G 6M 34° 03.2′ N 139° 33.0′ E
Light to Fl G 3M 34° 03.8′ N 139° 29.0′ E
(12(391, 392)02 Tokyo)

97029 3Ed. 7/19/86 LAST NM 19/02 40/03
Add Danger circle [K1] 34° 53.2′ N 139° 53.0′ E

Submarine cable [L30.1] between 34° 53.2′ N 139° 53.0′ E
34° 54.2′ N 139° 52.9′ E
(34(1317)03 Tokyo)

97029 3Ed. 7/19/86 LAST NM 40/03 16/04
Add Submarine cable [L30.1] joining 34° 10.1′ N 140° 52.6′ E
34° 06.9′ N 140° 47.7′ E
34° 07.1′ N 140° 27.3′ E
33° 59.6′ N 140° 11.2′ E
33° 58.1′ N 140° 06.2′ E
33° 23.9′ N 139° 32.6′ E
33° 23.9′ N 139° 06.2′ E
(3(58)04 Tokyo)

97029 3Ed. 7/19/86 LAST NM 16/04 32/04
Add Submarine cable [L30.1] between 34° 55.0′ N 140° 01.2′ E
34° 46.8′ N 140° 02.1′ E
(35(1430)99 Tokyo)

97029 3Ed. 7/19/86 LAST NM 32/04 34/04
Change Visibility (range) of light to 11M 34° 35.9′ N 138° 15.6′ E
(16(432)04 Tokyo)

97029 3Ed. 7/19/86 LAST NM 34/04 36/04
Delete Submarine cable joining 34° 44.7′ N 139° 21.3′ E
34° 46.9′ N 139° 13.3′ E
34° 54.7′ N 139° 08.3′ E

Submarine cable joining 34° 44.7′ N 139° 21.3′ E
34° 27.9′ N 139° 26.5′ E
34° 04.4′ N 139° 28.6′ E

Submarine cable joining 34° 04.4′ N 139° 28.6′ E
33° 57.0′ N 139° 44.0′ E
33° 08.0′ N 139° 47.9′ E
(40(1629)99 Tokyo)

97029 3Ed. 7/19/86 LAST NM 36/04 40/04
Change Visibility (range) of light to 10M 33° 07.5′ N 139° 48.4′ E
(28(728)04 Tokyo)

97029 3Ed. 7/19/86 LAST NM 40/04 41/04
Add Submarine cable [L30.1] joining 34° 55.0′ N 140° 05.5′ E
34° 46.2′ N 140° 09.2′ E
34° 38.4′ N 140° 18.3′ E
34° 36.0′ N 140° 18.7′ E
34° 17.5′ N 140° 13.7′ E
34° 13.3′ N 140° 15.8′ E
33° 56.7′ N 140° 08.3′ E
33° 37.0′ N 139° 52.5′ E
33° 32.9′ N 139° 40.4′ E
33° 32.9′ N 139° 33.0′ E
33° 27.0′ N 139° 24.8′ E
33° 13.8′ N 139° 20.2′ E
32° 33.8′ N 138° 31.4′ E
(21(560)04 Tokyo)

97029 3Ed. 7/19/86 LAST NM 41/04 21/05
Change Visibility (range) of light to 22M 34° 41.4′ N 138° 44.5′ E
(Jpn LL)

97029 3Ed. 7/19/86 LAST NM 21/05 40/05
Add Wreck [K29] 34° 32.7′ N 138° 18.2′ E
(31(952)05 Tokyo)

97029 3Ed. 7/19/86 LAST NM 40/05 1/06
Change Light to Fl G 7M 34° 46.6′ N 138° 18.3′ E
(42(1245)05 Tokyo)

97029 3Ed. 7/19/86 LAST NM 1/06 4/06
Add Submarine cable [L30.1] joining 34° 54.6′ N 139° 18.3′ E
34° 48.3′ N 139° 16.6′ E
34° 43.7′ N 139° 13.0′ E
34° 38.8′ N 139° 05.9′ E
34° 27.0′ N 139° 00.5′ E
34° 21.8′ N 138° 50.0′ E
(44(1775)99 Tokyo)

97029 3Ed. 7/19/86 LAST NM 4/06 27/06
Change Visibility (range) of light to 19M 34° 41.4′ N 138° 44.5′ E
(12(371)06 Tokyo)

97029 3Ed. 7/19/86 LAST NM 27/06 7/09
Add Submarine cable [L30.1] joining 31° 52.8′ N 138° 00.0′ E
32° 16.3′ N 140° 15.9′ E
32° 58.2′ N 140° 52.4′ E
33° 30.5′ N 140° 55.7′ E
33° 39.3′ N 141° 08.5′ E
(6(85)02 Inchon)

97029 3Ed. 7/19/86 LAST NM 7/09 25/09
Change Light to Dir F WRG 14-10M 34° 38.6′ N 138° 58.2′ E
(Jpn LL)

97029 3Ed. 7/19/86 LAST NM 25/09 32/09
Change Light to Iso WR 12M 34° 39.0′ N 138° 57.6′ E
Visibility (range) of light to 13M 34° 39.5′ N 138° 59.5′ E
(Jpn LL)

97029 3Ed. 7/19/86 LAST NM 32/09 35/09
Change Visibility (range) of light to 5M 34° 11.8′ N 139° 09.5′ E
(23(968)09 Tokyo)

97029 3Ed. 7/19/86 LAST NM 35/09 37/09
Delete Light 34° 54.9′ N 139° 49.5′ E
(24(1029)09 Tokyo)

97029 3Ed. 7/19/86 LAST NM 37/09 20/10
Change Visibility (range) of light to 8M 33° 07.5′ N 139° 48.4′ E
Light to Iso G 8M 33° 05.9′ N 139° 46.5′ E
(11(432)10 Tokyo)

★97029 3Ed. 7/19/86 LAST NM 20/10 18/11
Add Depth 264 meters 31° 16.3′ N 140° 03.2′ E
(NTM0016/2011)

★97029 3Ed. 7/19/86 LAST NM 18/11 19/11
Add Depth 73 meters 34° 31.3′ N 139° 31.4′ E
(NTM0016/2011)

★97029 3Ed. 7/19/86 LAST NM 19/11 49/12
Add Depth 378 meters 32° 35.6′ N 139° 35.6′ E
(NTM0005/2012)

★97030 (INT 5310) 1Ed. 6/23/11 NEW CHART N49/11
(NGA)

★97030 (INT 5310) 2Ed. 4/4/13 NEW EDITION N37/13
(NGA)

★97031 1Ed. 6/23/11 NEW CHART N49/11
(NGA)

★97033 2Ed. 2/16/12 NEW CHART N38/12
(NGA)

★97034 (INT 5311) 1Ed. 6/23/11 NEW CHART N49/11
(NGA)

★97040 5Ed. 6/14/97 NEW EDITION 37/97
Delete Caution note 39° 34.5′ N 141° 37.0′ E

Change Buoy (wavemeter) to Or, conical, (Y Lt)
40° 50.5′ N 141° 21.5′ E

Light to
AERO Al Fl(2+1) WG 70m 40° 41.3′ N 141° 21.7′ E
AERO Al Fl WG 10s 52m 40° 33.9′ N 141° 27.0′ E
Fl G 8M 40° 32.4′ N 141° 32.2′ E
Fl G 12M 40° 32.2′ N 141° 33.0′ E
F Fl R 6s 13m 12/8M 40° 11.2′ N 141° 48.4′ E
Iso R 6s 14m 12M 40° 11.3′ N 141° 48.8′ E

Add Fish haven symbol 40° 49.2′ N 141° 25.3′ E

Islet, radius 0.1 mile, centered 39° 40.2′ N 141° 59.3′ E
and change legend close NE to
"Hide Shima (75)"

Cautions note in left upper margin of
chart
"CAUTIONS
1. Differences in latitude and longitude may exist between this and other charts of the area; therefore, the transfer of positions from one chart to another should be done by bearings and distances from common features.
2. Detailed information has been omitted or generalized in areas covered by larger scale charts. In such areas, only the principal aids to navigation are maintained on this chart by Notice to Mariners."
(NIMA; Jpn CH 10, 54; Jpn LL)

97040 5Ed. 6/14/97 LAST NM 37/97 46/97
Add Wreck 41° 28′ 41″N 141° 26′ 42″E
(33(1500)97 Tokyo)

97040 5Ed. 6/14/97 LAST NM 46/97 20/98
Add Fish haven symbol 40° 33′ 00″N 141° 36′ 22″E
40° 38′ 55″N 141° 31′ 40″E
(14(611)98 Tokyo)

97040 5Ed. 6/14/97 LAST NM 20/98 15/99
Change Light to Fl 15s 58m 20M, FR HORN
39° 32.8′ N 142° 04.4′ E
(3(90)98 Tokyo)

97040 5Ed. 6/14/97 LAST NM 15/99 22/99
Change Visibility (range) of light to 7M
40° 32′ 16″N 141° 31′ 14″E
(9(380)98 Tokyo; Jpn LL)

97040 5Ed. 6/14/97 LAST NM 22/99 1/00
Change Visibility (range) of light to 6M
40° 32′ 18″N 141° 32′ 03″E

Add Submarine cable [L30.1] joining
41° 35′ 08″N 142° 22′ 54″E
41° 22′ 00″N 143° 03′ 00″E
41° 20′ 12″N 143° 04′ 24″E
(42(1725), 47(1883)99 Tokyo)

97040 5Ed. 6/14/97 LAST NM 1/00 13/00
Change Height of light to 22m 40° 27′ 06″N 141° 40′ 54″E
(31(1292)98 Tokyo)

97040 5Ed. 6/14/97 LAST NM 13/00 51/00
Add Buoy Y, pillar, "X" topmark, Fl Y 4s
41° 11′ 20″N 141° 24′ 18″E
(30(1070)00 Tokyo)

97040 5Ed. 6/14/97 LAST NM 51/00 43/02
Add Wreck [K29] 40° 05′ 39″N 141° 59′ 03″E
(37(1278)02 Tokyo)

97040 5Ed. 6/14/97 LAST NM 43/02 47/02
Relocate Light from 40° 33′ 15″N 141° 31′ 20″E to
40° 33′ 32″N 141° 31′ 41″E

Add Solid line (breakwater extension) between
40° 33′ 15″N 141° 31′ 20″E
40° 33′ 32″N 141° 31′ 41″E
(13(549)99, 42(1499)00 Tokyo)

97040 5Ed. 6/14/97 LAST NM 47/02 23/04
Change Light to Fl G 3s 14m 7M 41° 24′ 42″N 141° 25′ 54″E
(26(1112)99 Tokyo; Jpn LL)

97040 5Ed. 6/14/97 LAST NM 23/04 24/04
Add Fish haven symbol [K46.1] 40° 19′ 47″N 141° 50′ 12″E
(6(154)04 Tokyo)

97040 5Ed. 6/14/97 LAST NM 24/04 47/04
Add Submarine cable [L30.1] joining
41° 35′ 08″N 141° 57′ 40″E
41° 22′ 48″N 141° 58′ 42″E
41° 21′ 54″N 141° 58′ 06″E
41° 18′ 48″N 141° 51′ 18″E
41° 17′ 24″N 141° 50′ 00″E
41° 17′ 06″N 141° 48′ 06″E
41° 13′ 06″N 141° 39′ 24″E
41° 10′ 06″N 141° 34′ 36″E
41° 00′ 06″N 141° 26′ 30″E
40° 56′ 30″N 141° 26′ 30″E
40° 54′ 30″N 141° 28′ 24″E
40° 52′ 48″N 141° 29′ 06″E
40° 50′ 48″N 141° 29′ 00″E
40° 35′ 30″N 141° 42′ 24″E
40° 31′ 06″N 141° 39′ 24″E
40° 30′ 00″N 141° 39′ 36″E
40° 29′ 06″N 141° 38′ 00″E
(21(555)04 Tokyo)

97040 5Ed. 6/14/97 LAST NM 47/04 50/04
Add Danger circle [K1] "Wave meter"
41° 26′ 46″N 141° 27′ 01″E
(41(1078)04 Tokyo)

97040 5Ed. 6/14/97 LAST NM 50/04 13/05
Add Fish haven symbol [K46.1] 40° 42′ 33″N 141° 29′ 32″E
(4(100)05 Tokyo)

97040 5Ed. 6/14/97 LAST NM 13/05 27/05
Add Fish haven symbol [K46.1] 40° 42′ 06″N 141° 27′ 12″E
(21(611)05 Tokyo)

97040 5Ed. 6/14/97 LAST NM 27/05 29/05
Change Visibility (range) of light to 12M
39° 45′ 00″N 142° 00′ 00″E
(21(623)05 Tokyo)

97040 5Ed. 6/14/97 LAST NM 29/05 13/06
Add Fish haven symbol [K46.1] 41° 23′ 29″N 141° 19′ 39″E
(4(86)06 Tokyo)

97040 5Ed. 6/14/97 LAST NM 13/06 18/08
Add Buoy "C" Y, pillar, "X" topmark, Fl(5) Y 20s
40° 57′ 48″N 141° 24′ 30″E

Wreck [K29] 41° 13′ 01″N 141° 28′ 10″E
(44(1465), 45(1499)07 Tokyo)

97040 5Ed. 6/14/97 LAST NM 18/08 20/08
Change Light to Fl R 3M 39° 38.4′ N 141° 58.7′ E

Add Buoy Y, pillar, "X" topmark, Fl(5) Y 20s
[Q130.6] 40° 38.0′ N 141° 45.0′ E
(4(116), 11(329)08 Tokyo)

97040 5Ed. 6/14/97 LAST NM 20/08 22/08
Add Buoy Y, pillar, Fl(5) Y 20s [Q130.6]
39° 37.6′ N 142° 11.2′ E
(16(494)08 Tokyo)

97040 5Ed. 6/14/97 LAST NM 22/08 32/08
Delete Ramark at light 39° 39.2′ N 142° 01.7′ E
(25(872)08 Tokyo)

97040 5Ed. 6/14/97 LAST NM 32/08 22/09
Change Light to Fl 3s 56m 5M 39° 39.2′ N 142° 01.7′ E
(6(223)09 Tokyo)

97040 5Ed. 6/14/97 LAST NM 22/09 30/09
Delete HORN from light 39° 32.8′ N 142° 04.4′ E
(22(928)09 Tokyo)

97040 5Ed. 6/14/97 LAST NM 30/09 1/10
Change Visibility (range) of light to 6M 40° 33.7′ N 141° 32.1′ E
(Jpn LL)

97040 5Ed. 6/14/97 LAST NM 1/10 17/10
Change Visibility (range) of light to 3M 39° 41.3′ N 141° 58.5′ E
Visibility (range) of light to 3M 39° 34.5′ N 142° 02.0′ E
(10(395)10 Tokyo)

97040 5Ed. 6/14/97 LAST NM 17/10 14/11
Change Visibility (range) of light to 7M 39° 37.7′ N 141° 58.6′ E
(Jpn LL)

★97044 3Ed. 1/19/12 NEW EDITION N38/12
(NGA)

★97045 1Ed. 5/21/09 NEW CHART N46/11
(NGA)

★97046 2Ed. 10/20/11 NEW EDITION N12/12
(NGA)

97046 2Ed. 10/20/11 LAST NM N12/12 N21/12
Delete Buoy 39° 15′ 32.0″N 141° 56′ 00.0″E

Add Buoy R, pillar, cone topmark, Fl(2) R 6s (temp)
39° 15′ 32.2″N 141° 56′ 08.0″E
Buoy "No 1" G, pillar, can topmark, Fl(2) G 6s
39° 15′ 22.5″N 141° 56′ 07.8″E
Buoy "No 3" G, pillar, can topmark, Fl G 3s
39° 15′ 22.7″N 141° 55′ 41.2″E
Buoy "No 4" R, pillar, cone topmark, Fl R 3s
39° 15′ 32.3″N 141° 55′ 36.7″E
(18(361)12 Tokyo)

★97050 2Ed. 8/2/12 NEW EDITION N1/13
(NGA)

★97054 1Ed. 11/22/12 NEW CHART N16/13
(NGA)

★97055 3Ed. 9/5/13 NEW EDITION N3/14
(NGA)

★97058 1Ed. 2/4/10 NEW CHART N36/13
(NGA)

★97061 4Ed. 1/24/04 NEW EDITION 21/04
(NGA)

97061 4Ed. 1/4/04 LAST NM 21/04 1/05
Substitute Depth 4.5 meters for 5.9 meters
39° 00′ 42.5″N 141° 45′ 50.2″E

Add Depth 12.8 meters 39° 00′ 35.1″N 141° 45′ 52.7″E
Depth 21 meters 39° 00′ 44.8″N 141° 44′ 33.0″E

Depth 14 meters enclosed by depth contour
(20-meter) centered 38° 59′ 24.9″N 141° 44′ 57.1″E

Depth 10 meters, blue tint and enclosing
depth contour (10-meter) centered
38° 59′ 00.2″N 141° 45′ 15.3″E
(46(1198)04 Tokyo)

97061 4Ed. 1/4/04 LAST NM 1/05 41/05
Substitute Depth 12.2 meters for 13.7 meters
39° 01′ 25.5″N 141° 43′ 12.3″E
(32(985)05 Tokyo)

97061 4Ed. 1/4/04 LAST NM 41/05 15/06
Change Visibility (range) of light to 5M
38° 56′ 10.0″N 141° 43′ 00.0″E
(51(1555)05 Tokyo)

97061 4Ed. 1/4/04 LAST NM 15/06 19/06
Change Light to Fl 4s 33m 3M 39° 02′ 17.0″N 141° 43′ 40.0″E
(1(8)06 Tokyo)

97061 4Ed. 1/4/04 LAST NM 19/06 33/06
Change Visibility (range) of light to 3M
39° 01′ 15.0″N 141° 43′ 05.0″E
Visibility (range) of light to 3M
39° 01′ 15.0″N 141° 43′ 09.0″E
Visibility (range) of light to 5M
39° 01′ 11.0″N 141° 43′ 58.0″E
(23(678)06 Tokyo)

97061 4Ed. 1/4/04 LAST NM 33/06 32/08
Add Buoy R, pillar, (R Lt) 39° 02′ 00.0″N 141° 43′ 46.4″E
(25(873)08 Tokyo)

97061 4Ed. 1/4/04 LAST NM 32/08 22/09
Change Visibility (range) of light to 14-10M
38° 53′ 35.5″N 141° 37′ 37.5″E

Light to Fl 3s 42m 5M 38° 51′ 28.0″N 141° 40′ 23.0″E

Visibility (range) of light to 5M
38° 49′ 50.5″N 141° 37′ 28.0″E
Visibility (range) of light to 14M
38° 49′ 43.0″N 141° 36′ 12.0″E
(6(226-228)09 Tokyo)

97061 4Ed. 1/4/04 LAST NM 22/09 14/11
Change Visibility (range) of light to 5M
38° 51′ 44.0″N 141° 38′ 28.0″E
Visibility (range) of light to 4M
38° 52′ 52.0″N 141° 38′ 34.0″E
Visibility (range) of beacon to 3M
38° 53′ 04.0″N 141° 37′ 10.0″E
Visibility (range) of beacon to 3M
38° 53′ 00.0″N 141° 38′ 04.0″E
Visibility (range) of light to 4M
38° 53′ 00.0″N 141° 36′ 07.0″E
Visibility (range) of light to 3M
38° 52′ 48.0″N 141° 36′ 17.0″E
Visibility (range) of light to 7M
38° 53′ 40.0″N 141° 35′ 44.0″E

(continued on next page)

97061 (Continued) 14/11
Visibility (range) of light to 7M
38° 54′ 03.0″N 141° 35′ 42.0″E
(Jpn LL)

★97062 13Ed. 12/13/08 NEW EDITION 10/09
(NGA)

97062 13Ed. 12/13/08 LAST NM 10/09 22/09
Delete Buoy 38° 24′ 19″N 141° 30′ 27″E

Change Visibility (range) of light to 12M
38° 16′ 22″N 141° 31′ 07″E
Light to Fl 3s 58m 5M Horn 38° 26′ 19″N 141° 31′ 42″E

Add Danger circle [K1] "Wave meter"
38° 24′ 20″N 141° 30′ 23″E
(49(1740), 50(1773)08, 11(445)09 Tokyo)

97062 13Ed. 12/13/08 LAST NM 22/09 39/09
Delete Chimney symbols (2) in vicinity
38° 19′ 05″N 141° 04′ 21″E
(35(1507)09 Tokyo)

★97063 2Ed. 8/30/03 CHART CANCELED 36/13
(NGA)

★97065 2Ed. 9/6/03 NEW EDITION 48/03
Substitute Position circle "Tr (Y Lt)" for buoy
38° 24′ 08.0″N 141° 30′ 33.0″E

Add Ra ref [S4] to buoy 38° 24′ 25.0″N 141° 30′ 44.0″E
(NIMA; 29(1129)03 Tokyo; Jpn CH W1095)

97065 2Ed. 9/6/03 LAST NM 48/03 41/07
Delete Depth 27 meters 38° 26′ 04.0″N 141° 29′ 48.0″E
Depth 11 meters 38° 26′ 36.0″N 141° 30′ 29.0″E
(33(1090)07 Tokyo)

97065 2Ed. 9/6/03 LAST NM 41/07 17/08
Change Light to Fl R 3s 11m 3M 38° 26′ 21.0″N 141° 31′ 29.0″E
(51(1719)07 Tokyo)

97065 2Ed. 9/6/03 LAST NM 17/08 22/09
Substitute Danger circle [K1] "Wave meter" for buoy
38° 24′ 19.5″N 141° 30′ 23.4″E

Change Light to Fl 3s 58m 5M Horn
38° 26′ 18.5″N 141° 31′ 42.0″E
(49(1740), 50(1773)08 Tokyo)

★97080 6Ed. 2/14/04 NEW EDITION 21/04
Delete HORN from light 36° 59′ 42″N 140° 58′ 55″E
(NGA; 7(189)04 Tokyo)

97080 6Ed. 2/14/04 LAST NM 21/04 24/04
Change Visibility (range) of light to 7/5M
37° 06′ 29″N 141° 00′ 05″E
Visibility (range) of light to 9/4M
37° 06′ 08″N 140° 59′ 55″E
(47(1733)03 Tokyo; Jpn LL)

97080 6Ed. 2/14/04 LAST NM 24/04 9/05
Change Visibility (range) of light to 7M
38° 10′ 12″N 140° 58′ 06″E
(30(792)04 Tokyo)

97080 6Ed. 2/14/04 LAST NM 9/05 23/05
Delete Submarine cables (2) in vicinity
38° 17′ 36″N 141° 28′ 24″E
Submarine cable in vicinity 38° 23′ 12″N 141° 33′ 36″E
(16(455)05 Tokyo)

97080 6Ed. 2/14/04 LAST NM 23/05 29/05
Change Light to Fl G 4s 15m 10M 37° 50′ 14″N 140° 58′ 36″E
(10(288)05 Tokyo)

97080 6Ed. 2/14/04 LAST NM 29/05 41/05
Add Depth 31 meters Wk [K26] 37° 34′ 47″N 141° 09′ 33″E
(33(994)05 Tokyo)

97080 6Ed. 2/14/04 LAST NM 41/05 24/06
Add Fish haven symbol [K46.1] 37° 49′ 53″N 141° 09′ 28″E
(16(487)06 Tokyo)

97080 6Ed. 2/14/04 LAST NM 24/06 31/06
Change Light to Fl(2) R 4M 38° 16′ 10″N 141° 02′ 30″E
Light to Fl(2) G 4M 38° 15′ 48″N 141° 02′ 48″E
(7(192)06 Tokyo)

97080 6Ed. 2/14/04 LAST NM 31/06 35/06
Change Light to Fl R 5M 38° 16′ 37″N 141° 27′ 35″E
(49(1465)05 Tokyo)

97080 6Ed. 2/14/04 LAST NM 35/06 42/06
Delete Legend "RC" at light 38° 16′ 39″N 141° 34′ 57″E
Note: Ramark remains
(36(1064)06 Tokyo)

97080 6Ed. 2/14/04 LAST NM 42/06 17/08
Delete Fish haven symbol 37° 49′ 53″N 141° 09′ 28″E
Fish haven symbol 37° 49′ 36″N 141° 08′ 12″E
Light 37° 06′ 09″N 140° 59′ 52″E

Add Fish haven area with blue tint [K46.1] bound by
dotted line (limiting danger line) joining
37° 50′ 06″N 141° 09′ 36″E
37° 49′ 30″N 141° 09′ 36″E
37° 49′ 30″N 141° 07′ 48″E
37° 49′ 48″N 141° 07′ 48″E
37° 49′ 48″N 141° 08′ 30″E
37° 50′ 06″N 141° 08′ 30″E
(51(1720, 1721)07 Tokyo)

97080 6Ed. 2/14/04 LAST NM 17/08 20/08
Change Visibility (range) of light to 4M
38° 24′ 15″N 141° 20′ 24″E
Visibility (range) of light to 7M
37° 14′ 14″N 141° 01′ 42″E
(4(117, 119)08 Tokyo)

97080 6Ed. 2/14/04 LAST NM 20/08 32/08
Delete Ramark at light 38° 16′ 39″N 141° 34′ 57″E
Ramark at light 36° 59′ 42″N 140° 58′ 55″E
(25(874, 875)08 Tokyo)

97080 6Ed. 2/14/04 LAST NM 32/08 22/09
Change Visibility (range) of light to 12M
38° 16′ 22″N 141° 31′ 07″E
Light to Fl 3s 5M Horn 38° 26′ 19″N 141° 31′ 34″E
(49(1740)08, 11(445)09 Tokyo)

97080 6Ed. 2/14/04 LAST NM 22/09 26/09
Add Buoy Y, pillar, "X" topmark, Fl(5) Y 20s
36° 58′ 17″N 141° 11′ 08″E
(21(883)09 Tokyo)

97080 6Ed. 2/14/04 LAST NM 26/09 1/10
Delete Light 36° 54′ 52″N 140° 53′ 12″E
(44(1887)09 Tokyo)

97080 6Ed. 2/14/04 LAST NM 1/10 13/10
Delete Light and Horn from platform 37° 18′ 00″N 141° 27′ 36″E
(7(263)10 Tokyo)

97080 6Ed. 2/14/04 LAST NM 13/10 42/10
Change Visibility (range) of light to 3M
36° 51′ 42″N 140° 47′ 30″E
(24(972)10 Tokyo)

97080 6Ed. 2/14/04 LAST NM 42/10 49/10
Change Visibility (range) of light to 4M
38° 23′ 54″N 141° 15′ 54″E
Visibility (range) of light to 7M
38° 24′ 34″N 141° 20′ 24″E

Visibility (range) of light (Iso G) to 9M
38° 24′ 24″N 141° 18′ 42″E
(Jpn LL)

97080 6Ed. 2/14/04 LAST NM 49/10 50/10
Change Light (Iso R) to Fl R 5M 38° 24′ 24″N 141° 18′ 52″E
(Jpn LL)

★97084 1Ed. 9/1/11 NEW CHART N9/12
(NGA)

★97085 1Ed. 9/1/11 NEW CHART N9/12
(NGA)

★97089 (INT 5308) 1Ed. 5/2/12 NEW CHART N42/12
(NGA)

★97090 (INT 5309) 1Ed. 11/2/11 NEW CHART N21/12
(NGA)

★97093 1Ed. 2/16/12 NEW CHART N26/12
(NGA)

★97095 4Ed. 9/5/13 NEW EDITION N3/14
(NGA)

★97100 4Ed. 8/8/98 NEW EDITION 45/98
Delete Wreck 35° 47.5′ N 140° 56.7′ E

Submarine cable
between 35° 35.2′ N 141° 06.9′ E
35° 51.5′ N 141° 17.7′ E

between 36° 23.3′ N 140° 37.0′ E
36° 08.2′ N 141° 01.5′ E

Change Legend to "CONTINUED ON 97080"
37° 18.0′ N 141° 17.7′ E

Add Wreck (PA) 36° 25.6′ N 140° 48.4′ E
35° 59.3′ N 140° 53.2′ E

Dangerous wreck (PA) 35° 54.0′ N 140° 50.2′ E

Fish haven symbol 36° 01.1′ N 140° 42.0′ E
36° 37.6′ N 140° 43.8′ E
36° 03.6′ N 140° 39.9′ E

Disused submarine cable
joining 35° 35.2′ N 141° 29.4′ E
35° 43.4′ N 141° 23.7′ E
35° 51.1′ N 141° 22.3′ E
35° 53.2′ N 141° 22.6′ E

joining 35° 56.9′ N 141° 21.2′ E
36° 00.5′ N 141° 14.6′ E
36° 00.5′ N 141° 11.9′ E
36° 08.2′ N 141° 01.5′ E
(NIMA; GIMM014/98; Jpn CH 87)

97100 4Ed. 8/8/98 LAST NM 45/98 52/99
Change Light to Fl R 3s 13m 6M 36° 29′ 56″N 140° 37′ 44″E

Add Submarine cable [L30.1] between
35° 36′ 37″N 140° 32′ 06″E
35° 35′ 11″N 140° 34′ 00″E
(45(1817, 1819)99 Tokyo)

97100 4Ed. 8/8/98 LAST NM 52/99 10/00
Add Fish haven symbol [K46.1] 36° 56′ 10″N 140° 59′ 21″E
(1(2)00 Tokyo)

97100 4Ed. 8/8/98 LAST NM 10/00 49/00
Add Position circle [E22] "2 Chys" 36° 42′ 17″N 140° 42′ 48″E
(29(1049)00 Tokyo)

97100 4Ed. 8/8/98 LAST NM 49/00 4/01
Change Visibility (range) of light to 10M
36° 54′ 54″N 140° 53′ 17″E

Light to Mo(U) 10s 29m 15M HORN
36° 55′ 14″N 140° 52′ 50″E
(14(588), 18(753)99 Tokyo)

97100 4Ed. 8/8/98 LAST NM 4/01 27/01
Add Wreck [K29] 35° 43′ 00″N 141° 02′ 37″E
(22(815)01 Tokyo)

97100 4Ed. 8/8/98 LAST NM 27/01 29/01
Add Danger circle [K1] "Wave meter"
35° 38′ 17″N 140° 51′ 30″E

Submarine cable [L30.1] between
35° 38′ 17″N 140° 51′ 30″E
35° 41′ 11″N 140° 51′ 30″E
(24(885)01 Tokyo)

97100 4Ed. 8/8/98 LAST NM 29/01 36/01
Add Fish haven symbol [K46.1] 35° 43′ 50″N 140° 53′ 46″E
(31(1216)01 Tokyo)

97100 4Ed. 8/8/98 LAST NM 36/01 51/01
Change Light to Iso 6s 48m 19M 36° 39′ 18″N 140° 42′ 30″E
Light to Iso R 11M & Fl G 6M 36° 58′ 05″N 140° 57′ 42″E
(16(671), 46(1853)99 Tokyo)

97100 4Ed. 8/8/98 LAST NM 51/01 20/02
Delete Light 36° 58′ 15″N 140° 57′ 30″E

Change Light to Fl G 6M 36° 58′ 05″N 140° 57′ 42″E
(See 51/01-97100)
(Jpn LL)

97100 4Ed. 8/8/98 LAST NM 20/02 28/02
Add Fish haven symbol [K46.1] 36° 00′ 17″N 140° 42′ 08″E
(22(759)02 Tokyo)

97100 4Ed. 8/8/98 LAST NM 28/02 42/02
Add Fish haven symbol [K46.1] 35° 39′ 00″N 140° 44′ 03″E
(35(1205)02 Tokyo)

97100 4Ed. 8/8/98 LAST NM 42/02 47/02
Add Submarine cable [L30.1] joining
36° 45′ 48″N 140° 47′ 06″E
36° 45′ 18″N 140° 48′ 54″E
36° 38′ 54″N 141° 02′ 42″E
36° 35′ 54″N 141° 08′ 18″E
36° 34′ 00″N 141° 12′ 24″E
36° 33′ 30″N 141° 14′ 12″E
36° 33′ 12″N 141° 22′ 48″E
36° 33′ 12″N 141° 26′ 06″E
36° 34′ 15″N 141° 31′ 46″E
(40(1375)02 Tokyo)

97100 4Ed. 8/8/98 LAST NM 47/02 16/03
Add Submarine cable [L30.1] joining
36° 45′ 18″N 140° 48′ 54″E
36° 43′ 24″N 140° 51′ 48″E
36° 38′ 42″N 140° 56′ 30″E
36° 37′ 30″N 140° 58′ 54″E
36° 30′ 48″N 141° 06′ 30″E
36° 30′ 06″N 141° 07′ 54″E
36° 30′ 06″N 141° 09′ 18″E
36° 31′ 12″N 141° 13′ 54″E
36° 32′ 12″N 141° 16′ 42″E
36° 32′ 12″N 141° 22′ 00″E
36° 31′ 54″N 141° 23′ 18″E
36° 31′ 24″N 141° 29′ 06″E

Wreck [K29] 36° 58′ 26″N 141° 11′ 04″E
(3(79), 9(302)03 Tokyo)

97100 4Ed. 8/8/98 LAST NM 16/03 17/03
Add Wreck [K29] 35° 47′ 42″N 141° 02′ 47″E
(10(330)03 Tokyo)

97100 4Ed. 8/8/98 LAST NM 17/03 26/03
Substitute Depth 5 meters for 7.6 meters 36° 29′ 24″N 140° 38′ 02″E

Change Visibility (range) of light to 13M
35° 57′ 14″N 140° 41′ 26″E
(17(652), 18(689)03 Tokyo)

97100 4Ed. 8/8/98 LAST NM 26/03 49/03
Change Visibility (range) of light to 4M
36° 34′ 34″N 140° 39′ 37″E
(39(1476)03 Tokyo)

97100 4Ed. 8/8/98 LAST NM 49/03 16/04
Add Submarine cable [L30.1] joining
36° 23′ 17″N 140° 36′ 56″E
36° 23′ 33″N 140° 37′ 37″E
36° 22′ 20″N 140° 38′ 21″E
36° 19′ 12″N 140° 46′ 30″E
36° 18′ 06″N 140° 58′ 24″E
36° 15′ 48″N 141° 04′ 30″E
36° 12′ 54″N 141° 31′ 42″E
(3(58)04 Tokyo)

97100 4Ed. 8/8/98 LAST NM 16/04 17/04
Delete HORN from light 36° 59′ 42″N 140° 58′ 55″E
(7(189)04 Tokyo)

97100 4Ed. 8/8/98 LAST NM 17/04 24/04
Change Visibility (range) of light to 7M
37° 06′ 29″N 141° 00′ 05″E
Visibility (range) of light to 5M
37° 06′ 27″N 141° 00′ 13″E
Light to Fl R 9M, Fl G 4M 37° 06′ 08″N 140° 59′ 55″E
(47(1733)03 Tokyo; Jpn LL)

97100 4Ed. 8/8/98 LAST NM 24/04 31/04
Add Submarine cable [L30.1] joining
36° 21′ 24″N 140° 40′ 30″E
36° 21′ 42″N 140° 43′ 06″E
36° 21′ 24″N 140° 44′ 00″E
36° 21′ 54″N 140° 47′ 00″E
36° 22′ 36″N 140° 51′ 18″E
36° 27′ 24″N 141° 31′ 48″E
(34(1378)99 Tokyo)

97100 4Ed. 8/8/98 LAST NM 31/04 32/04
Add Submarine cable [L30.1] joining
36° 30′ 12″N 141° 31′ 06″E
36° 29′ 48″N 141° 12′ 00″E
36° 21′ 42″N 140° 44′ 30″E
36° 21′ 24″N 140° 40′ 30″E
36° 21′ 48″N 140° 38′ 36″E
36° 23′ 30″N 140° 37′ 37″E
36° 23′ 17″N 140° 36′ 56″E
(35(1429)99 Tokyo)

97100 4Ed. 8/8/98 LAST NM 32/04 25/05
Change Visibility (range) of light to 6M
35° 45′ 10″N 140° 51′ 40″E
(28(745)04 Tokyo)

97100 4Ed. 8/8/98 LAST NM 25/05 52/05
Add Fish haven symbol [K46.1] 35° 43′ 19″N 140° 52′ 59″E
(41(1215)05 Tokyo)

97100 4Ed. 8/8/98 LAST NM 52/05 36/06
Add Fish haven symbol [K46.1] 35° 39′ 00″N 140° 43′ 36″E
(30(880)06 Tokyo)

97100 4Ed. 8/8/98 LAST NM 36/06 17/08
Delete Light 37° 06′ 08″N 140° 59′ 55″E

Change Light to Fl R 4s 13m 5M 35° 41′ 38″N 140° 51′ 00″E
(47(1563), 51(1721)07 Tokyo)

97100 4Ed. 8/8/98 LAST NM 17/08 20/08
Change Visibility (range) of light to 7M 37° 14.3′ N 141° 01.7′ E
(4(119)08 Tokyo)

97100 4Ed. 8/8/98 LAST NM 20/08 32/08
Delete Ramark at light 36° 59.7′ N 140° 58.9′ E

Add Fish haven symbol [K46.1] 36° 39.6′ N 140° 46.0′ E
(25(875, 876)08 Tokyo)

97100 4Ed. 8/8/98 LAST NM 32/08 7/09
Add Submarine cable [L30.1] joining 36° 09.5′ N 141° 31.8′ E
36° 17.7′ N 141° 22.9′ E
36° 19.5′ N 140° 46.7′ E
36° 22.1′ N 140° 38.5′ E
36° 23.3′ N 140° 38.8′ E
36° 23.1′ N 140° 37.1′ E
(6(85)02 Inchon)

97100 4Ed. 8/8/98 LAST NM 7/09 26/09
Add Buoy Y, pillar, "X" topmark, Fl(5) Y 20s
36° 58.3′ N 141° 11.1′ E
(21(883)09 Tokyo)

97100 4Ed. 8/8/98 LAST NM 26/09 47/09
Delete RC and Ramark at light 35° 42.5′ N 140° 52.1′ E

Change Characteristic of light to Dir F WRG, Iso RG 4s
35° 57.2′ N 140° 41.4′ E
Note: Sectors remain unchanged
(35(1508, 1509)09 Tokyo; Jpn LL)

97100 4Ed. 8/8/98 LAST NM 47/09 1/10
Delete Light 36° 54.9′ N 140° 53.3′ E
(44(1887)09 Tokyo)

97100 4Ed. 8/8/98 LAST NM 1/10 12/10
Delete Light 35° 56.3′ N 140° 42.2′ E
(2(51)10 Tokyo)

97100 4Ed. 8/8/98 LAST NM 12/10 13/10
Delete Light and Horn from platform 37° 18.0′ N 141° 27.6′ E
(7(263)10 Tokyo)

97100 4Ed. 8/8/98 LAST NM 13/10 42/10
Change Visibility (range) of light to 3M 36° 51.7′ N 140° 47.6′ E
(24(972)10 Tokyo)

★97101 2Ed. 10/11/03 NEW EDITION 50/03
(NGA)

97101 2Ed. 10/11/03 LAST NM 50/03 25/05
Change Visibility (range) of light to 6M
35° 45′ 10″N 140° 51′ 40″E
(28(745)04 Tokyo)

97101 2Ed. 10/11/03 LAST NM 25/05 52/05
Add Fish haven symbol [K46.1] 35° 43′ 19″N 140° 52′ 59″E
(41(1215)05 Tokyo)

97101 2Ed. 10/11/03 LAST NM 52/05 17/08
Change Light to Fl R 4s 13m 5M 35° 41′ 38″N 140° 51′ 00″E
(47(1563)07 Tokyo)

97101 2Ed. 10/11/03 LAST NM 17/08 30/09
Substitute Solid line [F4.1] for dashed line joining
35° 58′ 08″N 140° 41′ 14″E
35° 58′ 09″N 140° 41′ 34″E
35° 57′ 59″N 140° 41′ 43″E
35° 57′ 57″N 140° 41′ 29″E

Add Land tint to area bound by shore and solid line
[F13] joining 35° 58′ 07″N 140° 40′ 56″E
35° 58′ 08″N 140° 41′ 14″E
35° 57′ 56″N 140° 41′ 14″E
35° 57′ 52″N 140° 41′ 04″E

Solid line (breakwater) [F4.1] between
35° 57′ 59″N 140° 41′ 43″E
35° 57′ 46″N 140° 41′ 58″E

Solid line (breakwater) [F4.1] between
35° 58′ 17″N 140° 40′ 34″E
35° 58′ 24″N 140° 40′ 46″E
(23(963)09 Tokyo)

97101 2Ed. 10/11/03 LAST NM 30/09 47/09
Delete Ramark and RC at light 35° 42′ 29″N 140° 52′ 07″E

Change Characteristic of light to Dir F WRG, Iso RG 4s
35° 57′ 12″N 140° 41′ 26″E
(35(1508, 1509)09 Tokyo; Jpn LL)

97101 2Ed. 10/11/03 LAST NM 47/09 12/10
Delete Light 35° 56′ 19″N 140° 42′ 12″E
(2(51)10 Tokyo)

★97104 4Ed. 2/17/96 NEW EDITION 15/96
(DMA)

97104 4Ed. 2/17/96 LAST NM 15/96 17/96
Delete "PROHIB AREA" in vicinity 36° 56′ 27″N 140° 54′ 23″E
(11(486)96 Tokyo)

97104 4Ed. 2/17/96 LAST NM 17/96 22/96
Add "PROHIBITED AREA" bound by
purple composite line joining
36° 55′ 26.3″N 140° 54′ 44.9″E
36° 55′ 22.9″N 140° 54′ 51.7″E
36° 55′ 11.9″N 140° 54′ 43.4″E
36° 55′ 15.3″N 140° 54′ 36.4″E
(17(833)96 Tokyo)

97104 4Ed. 2/17/96 LAST NM 22/96 38/96
Delete Purple composite line between 36° 56′ 17″N 140° 53′ 08″E
36° 56′ 03″N 140° 53′ 21″E

Add Purple composite line joining
36° 56′ 17.8″N 140° 53′ 09.3″E
36° 56′ 03.7″N 140° 53′ 22.8″E
36° 56′ 02.7″N 140° 53′ 21.2″E
(31(1494)96 Tokyo)

97104 4Ed. 2/17/96 LAST NM 38/96 18/97
Delete "Prohib Area" in vicinity 36° 56′ 13″N 140° 53′ 30″E
(8(334)97 Tokyo)

97104 4Ed. 2/17/96 LAST NM 18/97 38/97
Delete Prohibited area in vicinity 36° 54′ 49″N 140° 53′ 52″E

Add Buoy, conical, (Y Lt) 36° 54′ 47.5″N 140° 53′ 31.1″E
36° 55′ 04.2″N 140° 54′ 28.5″E
36° 54′ 58.1″N 140° 54′ 31.0″E
36° 54′ 41.4″N 140° 53′ 34.1″E

"Entry Prohibited" area bound by
breakwater and purple composite line
joining 36° 54′ 44.7″N 140° 53′ 32.0″E
36° 54′ 47.5″N 140° 53′ 31.1″E
36° 55′ 04.2″N 140° 54′ 28.5″E
36° 54′ 58.1″N 140° 54′ 31.0″E
36° 54′ 41.1″N 140° 53′ 34.1″E
36° 54′ 44.2″N 140° 53′ 32.5″E
(22(983)97 Tokyo)

97104 4Ed. 2/17/96 LAST NM 38/97 7/98
Delete "PROHIBITED AREA" in vicinity
36° 55′ 18″N 140° 54′ 44″E
(27(1278)97 Tokyo)

97104 4Ed. 2/17/96 LAST NM 7/98 10/99
Add "ENTRY PROHIBITED" area bound by
breakwater and purple composite line
joining 36° 56′ 14.0″N 140° 54′ 04.6″E
36° 55′ 55.1″N 140° 54′ 18.8″E
36° 55′ 27.6″N 140° 53′ 53.5″E
36° 55′ 39.5″N 140° 53′ 29.9″E

"ENTRY PROHIBITED" area bound by
purple composite line joining
36° 55′ 31.3″N 140° 54′ 42.5″E
36° 55′ 23.8″N 140° 54′ 57.6″E
36° 55′ 12.8″N 140° 54′ 49.2″E
36° 55′ 20.3″N 140° 54′ 34.0″E
(4(127)99 Tokyo)

97104 4Ed. 2/17/96 LAST NM 10/99 4/01
Delete Buoy (mooring) 36° 56′ 32.2″N 140° 54′ 43.0″E
Buoy (mooring) 36° 56′ 18.0″N 140° 53′ 11.2″E

Depth contour (5-meter) in vicinity
36° 56′ 30.9″N 140° 54′ 22.8″E

Foul ground symbol 36° 56′ 29.5″N 140° 54′ 21.3″E

Depth 10.1 meters and enclosing depth contour
(10-meter) centered 36° 56′ 28.7″N 140° 54′ 23.2″E
"Entry Prohibited" area and buoys (4)
in vicinity 36° 54′ 52.0″N 140° 54′ 00.0″E

Substitute Double solid line with land tint for boulders
between 36° 55′ 53.9″N 140° 52′ 24.2″E
36° 55′ 52.8″N 140° 52′ 25.7″E

Land tint for blue tint in vicinity
36° 55′ 52.0″N 140° 52′ 18.0″E
and delete legend "Log Pond"

Change Light to Iso R 6s 10m 7M 36° 56′ 25.2″N 140° 54′ 47.5″E
Light to Fl G 3s 12m 6M 36° 56′ 19.6″N 140° 54′ 35.7″E

Light to Mo(U) 10s 29m 15M HORN
36° 55′ 14.3″N 140° 52′ 49.8″E
Visibility (range) of light to 10M
36° 54′ 54.4″N 140° 53′ 17.3″E

Add Double solid line with land tint (groin) joining
36° 56′ 31.9″N 140° 54′ 21.6″E
36° 56′ 27.5″N 140° 54′ 20.2″E
36° 56′ 27.7″N 140° 54′ 18.6″E
36° 56′ 35.8″N 140° 54′ 21.2″E
and delete depths, depth contours and blue tint
within above area

Solid line (breakwater) between
36° 56′ 32.0″N 140° 54′ 24.1″E
36° 56′ 30.4″N 140° 54′ 23.5″E

Solid line (breakwater) joining
36° 56′ 27.5″N 140° 54′ 20.2″E
36° 56′ 27.2″N 140° 54′ 22.4″E
36° 56′ 29.7″N 140° 54′ 23.3″E

Double solid line (breakwater extension)
between 36° 54′ 56.2″N 140° 54′ 12.0″E
36° 54′ 58.6″N 140° 54′ 22.9″E

Position circle "(Y Lt)" 36° 56′ 27.7″N 140° 54′ 18.6″E
Position circle "(Y Lt)" 36° 56′ 27.2″N 140° 54′ 22.4″E
Position circle "(Y Lt)" 36° 54′ 58.5″N 140° 54′ 22.9″E
(36(1503), 46(1917)98, 7(248), 14(588), 18(753), 19(803)99, 34(1197),
35(1259)00 Tokyo)

97104 4Ed. 2/17/96 LAST NM 4/01 51/01
Change Light to Fl G 5s 15m 6M 36° 58′ 05.0″N 140° 57′ 42.0″E
(46(1853)99 Tokyo)

97104 4Ed. 2/17/96 LAST NM 51/01 8/02
Add Stranded wreck [K24] 36° 57′ 55.0″N 140° 57′ 47.0″E
(1(23)02 Tokyo)

97104 4Ed. 2/17/96 LAST NM 8/02 10/02
Delete Stranded wreck 36° 57′ 55.0″N 140° 57′ 47.0″E
(Supersedes 8/02-97104)
(3(79)02 Tokyo)

97104 4Ed. 2/17/96 LAST NM 10/02 20/02
Delete Light 36° 58′ 08.2″N 140° 57′ 39.6″E
(Jpn LL)

97104 4Ed. 2/17/96 LAST NM 20/02 7/03
Delete "PROHIBITED AREA" in vicinity
36° 56′ 05.0″N 140° 53′ 06.0″E

Dashed line joining 36° 55′ 58.6″N 140° 52′ 45.0″E
36° 56′ 02.6″N 140° 52′ 52.0″E
36° 55′ 48.9″N 140° 53′ 05.6″E
36° 55′ 46.5″N 140° 53′ 21.6″E
36° 55′ 43.2″N 140° 53′ 29.2″E
36° 55′ 39.5″N 140° 53′ 26.6″E
36° 55′ 40.5″N 140° 53′ 14.5″E
36° 55′ 39.8″N 140° 53′ 04.5″E
36° 55′ 36.0″N 140° 52′ 58.0″E

Legend "Dredged to 13m (1979)"
36° 55′ 43.5″N 140° 53′ 12.0″E

Double solid line and land tint between
36° 56′ 12.5″N 140° 53′ 06.0″E
36° 56′ 15.0″N 140° 53′ 10.5″E

Add Land tint to area bound by shore and solid line
joining 36° 55′ 59.0″N 140° 52′ 44.8″E
36° 56′ 04.8″N 140° 52′ 54.2″E
36° 55′ 55.3″N 140° 53′ 03.2″E
36° 56′ 03.8″N 140° 53′ 17.8″E
36° 56′ 16.2″N 140° 53′ 06.6″E

(continued on next page)

97104 (Continued) 7/03

Dashed line (dredged area limit) [I20] joining
36° 56′ 11.0″N 140° 53′ 11.2″E
36° 56′ 14.5″N 140° 53′ 17.4″E
36° 56′ 00.2″N 140° 53′ 30.6″E
36° 55′ 47.5″N 140° 53′ 27.6″E
36° 55′ 57.2″N 140° 53′ 08.8″E
36° 56′ 02.3″N 140° 53′ 17.3″E
36° 56′ 03.8″N 140° 53′ 17.8″E
and delete hydrography within above area
Note: Bottom characteristic "S" remains

Legend "Dredged to 12m (2001)"
36° 55′ 56.0″N 140° 53′ 24.0″E

Dashed line (dredged area limit) [I20] joining
36° 55′ 55.3″N 140° 53′ 03.2″E
36° 55′ 55.1″N 140° 53′ 05.2″E
36° 55′ 57.2″N 140° 53′ 08.8″E
36° 55′ 47.5″N 140° 53′ 27.6″E
36° 55′ 38.0″N 140° 53′ 25.5″E
36° 55′ 40.0″N 140° 53′ 11.3″E
36° 55′ 33.4″N 140° 52′ 57.8″E
36° 55′ 46.2″N 140° 53′ 00.5″E
36° 55′ 59.0″N 140° 52′ 48.3″E
36° 56′ 03.5″N 140° 52′ 55.6″E
and delete hydrography within above area
Note: Bottom characteristic "S" remains

Legend "Dredged to 14m (2001)"
36° 55′ 46.0″N 140° 53′ 09.0″E

Dashed line (dredged area limit) [I20] between
36° 55′ 59.0″N 140° 52′ 48.3″E
36° 55′ 57.5″N 140° 52′ 47.3″E

Legend "13m (1979)" 36° 55′ 50.0″N 140° 52′ 54.0″E
Depth 7.2 meters 36° 56′ 03.6″N 140° 52′ 54.2″E
Depth 12.3 meters 36° 56′ 00.5″N 140° 52′ 49.2″E
Depth 12.1 meters 36° 55′ 57.8″N 140° 52′ 46.8″E
Depth 12.8 meters 36° 55′ 42.8″N 140° 52′ 58.0″E
Berth designation "1" [F19]
36° 56′ 07.2″N 140° 53′ 13.8″E
Berth designation "2" [F19]
36° 56′ 00.5″N 140° 53′ 59.5″E
(26(891), 48(1675)02 Tokyo)

97104 4Ed. 2/17/96 LAST NM 7/03 41/03
Delete "ENTRY PROHIBITED" area in vicinity
36° 55′ 20.0″N 140° 54′ 45.0″E

Add Double solid line with land tint (breakwater) [F4.1] between 36° 55′ 19.0″N 140° 54′ 44.0″E
36° 55′ 20.0″N 140° 54′ 45.0″E

Double solid line with land tint (breakwater) [F4.1] joining 36° 55′ 49.0″N 140° 54′ 04.0″E
36° 55′ 54.0″N 140° 54′ 10.0″E
36° 55′ 57.0″N 140° 54′ 03.0″E
36° 56′ 05.0″N 140° 54′ 01.0″E
(18(689)03 Tokyo)

97104 4Ed. 2/17/96 LAST NM 41/03 49/05
Delete Light and sector limits 36° 58′ 19.5″N 140° 57′ 21.0″E
(Jpn LL)

97104 4Ed. 2/17/96 LAST NM 49/05 7/07
Add Chartlet, depicting changes in hydrography and topography, from Subsection I-2
36° 56′ 06.0″N 140° 53′ 06.0″E
(22(653)06 Tokyo)

97104 4Ed. 2/17/96 LAST NM 7/07 22/08
Add Double solid line with land tint (breakwater extension) [F4.1] between 36° 55′ 19.0″N 140° 54′ 44.0″E
36° 55′ 16.2″N 140° 54′ 42.0″E

Position circle "Y Lt" 36° 55′ 16.2″N 140° 54′ 42.0″E

Double dashed line with land tint (breakwater under construction) [F32] and legend "Under construction" between 36° 55′ 16.2″N 140° 54′ 42.0″E
36° 55′ 14.7″N 140° 54′ 40.9″E
(15(452)08 Tokyo; Jpn CH 63)

97104 4Ed. 2/17/96 LAST NM 22/08 1/10
Delete Light 36° 54′ 54.4″N 140° 53′ 17.3″E
(44(1887)09 Tokyo)

★97105 3Ed. 4/9/94 NEW EDITION 28/94
Add Position circle "Y Lt" 36° 55′ 36″N 140° 53′ 25″E
(DMAHTC; 14(627)94 Tokyo)

97105 3Ed. 4/9/94 LAST NM 28/94 38/94
Add Fish haven symbol 36° 52′ 29″N 140° 51′ 11″E
(32(1465)94 Tokyo)

97105 3Ed. 4/9/94 LAST NM 38/94 14/95
Add Dangerous wreck 36° 52′ 41″N 140° 55′ 00″E
(9(365)95 Tokyo)

97105 3Ed. 4/9/94 LAST NM 14/95 6/96
Delete Light 36° 59′ 35″N 140° 58′ 49″E

Add Solid line (breakwater) between
36° 59′ 32″N 140° 58′ 56″E
36° 59′ 29″N 140° 58′ 51″E

Light Fl(2) G 6s 14m 8M 36° 59′ 32″N 140° 58′ 56″E
(1(10)96 Tokyo)

97105 3Ed. 4/9/94 LAST NM 6/96 27/96
Change Characteristic of light to Iso R 4s 36° 49′ 38″N 140° 47′ 16″E
(21(1000)96 Tokyo)

97105 3Ed. 4/9/94 LAST NM 27/96 28/96
Add Fish haven symbol 36° 52′ 27″N 140° 50′ 55″E
(22(1047)96 Tokyo)

97105 3Ed. 4/9/94 LAST NM 28/96 46/97
Delete Buoy and legend "Wave meter" 36° 46.8′ N 140° 49.1′ E

Submarine cable between 36° 47.2′ N 140° 45.1′ E
36° 46.8′ N 140° 49.1′ E
(34(1515)97 Tokyo)

97105 3Ed. 4/9/94 LAST NM 46/97 51/97
Add Solid line (detached breakwater) between 37° 06′ 00″N 140° 59′ 56″E
37° 06′ 02″N 141° 00′ 03″E
(28(1292)97 Tokyo)

97105 3Ed. 4/9/94 LAST NM 51/97 18/99
Add Solid line (breakwater) between 36° 51′ 09″N 140° 47′ 55″E
36° 51′ 05″N 140° 47′ 56″E

between 36° 51′ 03″N 140° 47′ 56″E
36° 50′ 39″N 140° 47′ 58″E
(5(200)98 Tokyo)

97105 3Ed. 4/9/94 LAST NM 18/99 25/99
Delete Light 37° 08′ 47″N 141° 00′ 16″E

Add Light Fl(2) R 6s 12m 9M 37° 08′ 46.6″N 141° 00′ 32.9″E

Add Solid line (breakwater) between
37° 08′ 46.6″N 141° 00′ 32.9″E
37° 08′ 55.0″N 141° 00′ 27.0″E
(10(427)98 Tokyo)

97105 3Ed. 4/9/94 LAST NM 25/99 41/99
Change Period of light to 15s 36° 59′ 42.0″N 140° 58′ 55.0″E
(14(612)98 Tokyo; Jpn LL)

97105 3Ed. 4/9/94 LAST NM 41/99 10/00
Add Fish haven symbol [K46.1] 36° 56′ 10.0″N 140° 59′ 21.0″E
(1(2)00 Tokyo)

97105 3Ed. 4/9/94 LAST NM 10/00 4/01
Change Light to Iso R 6s 10m 7M 36° 56′ 25.2″N 140° 54′ 47.5″E
Light to Fl G 3s 12m 6M 36° 56′ 19.6″N 140° 54′ 35.7″E

Light to Mo(U) 10s 29m 15M HORN
36° 55′ 14.3″N 140° 52′ 49.8″E
Visibility (range) of light to 10M
36° 54′ 54.4″N 140° 53′ 17.3″E

(continued on next page)

97105 (Continued) 4/01
Add Solid line (breakwater extension) between
36° 54′ 56.2″N 140° 54′ 12.0″E
36° 54′ 58.6″N 140° 54′ 22.9″E

Land tint to area between land and existing breakwater in vicinity 36° 55′ 52.0″N 140° 52′ 18.0″E
(36(1503), 46(1917)98, 14(588), 18(753)99 Tokyo)

97105 3Ed. 4/9/94 LAST NM 4/01 51/01
Change Light to Fl G 5s 15m 6M 36° 58′ 05.0″N 140° 57′ 42.0″E
(46(1853)99 Tokyo)

97105 3Ed. 4/9/94 LAST NM 51/01 8/02
Add Stranded wreck [K24] 36° 57′ 55.0″N 140° 57′ 47.0″E
(1(23)02 Tokyo)

97105 3Ed. 4/9/94 LAST NM 8/02 10/02
Delete Stranded wreck 36° 57′ 55.0″N 140° 57′ 47.0″E
(Supersedes 8/02-97105)
(3(79)02 Tokyo)

97105 3Ed. 4/9/94 LAST NM 10/02 20/02
Delete Light 36° 58′ 21.0″N 140° 57′ 20.0″E
Light 36° 58′ 10.0″N 140° 57′ 40.0″E
(Jpn LL)

97105 3Ed. 4/9/94 LAST NM 20/02 41/03
Add Solid line (breakwater) [F4.1] between
36° 55′ 19.0″N 140° 54′ 44.0″E
36° 55′ 20.0″N 140° 54′ 45.0″E

Solid line (breakwater) [F4.1] joining
36° 55′ 49.0″N 140° 54′ 04.0″E
36° 55′ 54.0″N 140° 54′ 10.0″E
36° 55′ 57.0″N 140° 54′ 03.0″E
36° 56′ 05.0″N 140° 54′ 01.0″E
(18(689)03 Tokyo)

97105 3Ed. 4/9/94 LAST NM 41/03 17/04
Delete HORN from light 36° 59′ 43.0″N 140° 58′ 53.0″E
(7(189)04 Tokyo)

97105 3Ed. 4/9/94 LAST NM 17/04 24/04
Change Visibility (range) of light to 7M
37° 06′ 28.8″N 141° 00′ 05.0″E
Visibility (range) of light to 5M
37° 06′ 27.3″N 141° 00′ 13.4″E
Visibility (range) of light to 9M
37° 06′ 08.2″N 140° 59′ 55.3″E
Visibility (range) of light to 4M
37° 06′ 10.7″N 140° 59′ 46.4″E
Visibility (range) of light to 5M
37° 06′ 18.9″N 140° 59′ 47.4″E
(47(1733)03 Tokyo; Jpn LL)

97105 3Ed. 4/9/94 LAST NM 24/04 17/08
Delete Light 37° 06′ 08.0″N 140° 59′ 55.0″E
Light 37° 06′ 10.0″N 140° 59′ 48.0″E
(51(1721)07 Tokyo)

97105 3Ed. 4/9/94 LAST NM 17/08 20/08
Add Beacon Y, Y Lt 36° 53′ 59″N 140° 48′ 37″E
Beacon Y, Y Lt 36° 53′ 41″N 140° 48′ 18″E
Beacon Y, Y Lt 36° 53′ 30″N 140° 48′ 07″E
Beacon Y, Y Lt 36° 53′ 02″N 140° 47′ 49″E
Buoy Y, pillar, (Y Lt) 36° 52′ 25″N 140° 47′ 32″E
(3(86)08 Tokyo)

97105 3Ed. 4/9/94 LAST NM 20/08 32/08
Delete Ramark at light 36° 59′ 43″N 140° 58′ 53″E
(25(875)08 Tokyo)

97105 3Ed. 4/9/94 LAST NM 32/08 1/10
Delete Light 36° 54′ 52″N 140° 53′ 16″E
(44(1887)09 Tokyo)

97105 3Ed. 4/9/94 LAST NM 1/10 42/10
Change Visibility (range) of light to 3M
36° 51′ 42″N 140° 47′ 30″E
(24(972)10 Tokyo)

★97120 6Ed. 8/9/97 NEW EDITION 42/97
Change Legend to "CAUTION NO 1" 34° 57.6′ N 139° 37.7′ E

Caution note to
"CAUTIONS
1. In the vicinity of Su-no-Saki, care should be taken as strong inshore currents may occur from the west in some seasons.
2. In the channels of the islands from O Sima to Mikura Sima, current rates and directions are variable due to the meeting of ocean and tidal currents.
3. Detailed information has been omitted or generalized in areas covered by larger scale charts. In such areas only the principal aids to navigation are maintained on this chart by Notice to Mariners.
4. Differences in latitude and longitude may exist between this and other charts of the area; therefore, the transfer of positions from one chart to another should be done by bearings and distances from common features."
35° 36.5′ N 139° 28.8′ E

Add Dangerous wreck 35° 42.8′ N 140° 58.6′ E
Wreck 35° 00.0′ N 140° 06.4′ E
SIREN at light 35° 30.8′ N 139° 56.2′ E
Legend "CAUTION NO 2" 34° 38.0′ N 139° 25.0′ E

Legend "Voluntary Traffic Separation Scheme (see Note)"
between 35° 03.5′ N 139° 34.5′ E
35° 03.5′ N 139° 40.7′ E

between 34° 54.0′ N 139° 35.5′ E
34° 54.0′ N 139° 41.8′ E

between 34° 50.0′ N 139° 21.0′ E
34° 50.0′ N 139° 27.5′ E

Note
"TRAFFIC SEPARATION SCHEMES
For details of the Voluntary Traffic Separation Schemes in the approaches to Uranga Suido and northwest of O Sima consult Sailing Directions." 35° 45.5′ N 140° 07.5′ E
(NIMA; GIMM045/96)

97120 6Ed. 8/9/97 LAST NM 42/97 44/97
Add Submarine cable joining 34° 43.4′ N 139° 20.5′ E
34° 40.5′ N 139° 20.7′ E
34° 36.2′ N 139° 24.0′ E
(32(1458)97 Tokyo)

97120 6Ed. 8/9/97 LAST NM 44/97 46/97
Add Wreck 35° 26.7′ N 140° 43.7′ E
(30(1394)97 Tokyo)

97120 6Ed. 8/9/97 LAST NM 46/97 51/97
Add Fish haven symbol 35° 44′ 06″N 140° 53′ 45″E
(28(1293)97 Tokyo)

97120 6Ed. 8/9/97 LAST NM 51/97 5/98
Add Wreck 35° 09′ 00″N 139° 34′ 49″E
Fish haven symbol 35° 02′ 44″N 139° 48′ 15″E
(46(1999), 49(2118)97 Tokyo)

97120 6Ed. 8/9/97 LAST NM 5/98 7/98
Add Fish haven symbol 35° 35.0′ N 140° 46.2′ E
(27(1248)97 Tokyo)

97120 6Ed. 8/9/97 LAST NM 7/98 38/99
Add Submarine cable [L30.1] joining 34° 37.9′ N 139° 19.8′ E
34° 38.0′ N 139° 28.7′ E
34° 36.2′ N 139° 31.9′ E
(13(568)98 Tokyo)

97120 6Ed. 8/9/97 LAST NM 38/99 39/99
Change Light to Fl 12s 67m 21M 34° 41.2′ N 139° 26.6′ E

Light to Al Fl(2+1) WG 30s 41m 18M
R Bn Ramark 35° 08.5′ N 139° 40.6′ E
(13(567, 571)98 Tokyo; Jpn LL)

97120 6Ed. 8/9/97 LAST NM 39/99 41/99
Change Period of light to 15s 34° 54.1′ N 139° 53.3′ E
(14(613)98 Tokyo)

97120 6Ed. 8/9/97 LAST NM 41/99 44/99
Add Submarine cable [L30.1] joining 35° 11.4′ N 139° 37.0′ E
35° 10.3′ N 139° 33.2′ E
35° 09.2′ N 139° 31.7′ E
35° 05.7′ N 139° 28.4′ E
35° 00.0′ N 139° 25.2′ E
34° 54.5′ N 139° 26.2′ E
34° 53.4′ N 139° 31.0′ E
34° 46.7′ N 139° 36.3′ E
34° 41.0′ N 139° 36.8′ E
34° 38.3′ N 139° 36.2′ E
34° 36.2′ N 139° 39.8′ E
(16(695)98 Tokyo)

97120 6Ed. 8/9/97 LAST NM 44/99 46/99
Add Fish haven symbol [K46.1] 35° 08.2′ N 139° 38.1′ E
(41(1670)99 Tokyo)

97120 6Ed. 8/9/97 LAST NM 46/99 49/99
Change Characteristic of light to Mo(U) 14s
35° 30.7′ N 139° 56.2′ E
(19(805)99 Tokyo)

97120 6Ed. 8/9/97 LAST NM 49/99 52/99
Add Submarine cable [L30.1] between 35° 33.6′ N 140° 36.0′ E
35° 36.6′ N 140° 32.1′ E

Danger circle "Wave Meter" 35° 33.6′ N 140° 36.0′ E
(45(1819)99 Tokyo)

97120 6Ed. 8/9/97 LAST NM 52/99 2/01
Add Submarine cable [L30.1] joining 34° 56.9′ N 140° 00.8′ E
34° 56.3′ N 140° 00.0′ E
34° 54.7′ N 139° 59.8′ E
34° 49.4′ N 139° 56.2′ E
34° 46.2′ N 139° 57.5′ E
34° 41.7′ N 139° 50.8′ E
34° 41.7′ N 139° 45.0′ E
34° 39.2′ N 139° 39.4′ E
34° 36.7′ N 139° 33.9′ E
34° 37.2′ N 139° 32.6′ E
34° 46.0′ N 139° 29.0′ E
34° 50.6′ N 139° 24.1′ E
34° 54.2′ N 139° 22.3′ E
34° 55.7′ N 139° 21.1′ E
34° 56.2′ N 139° 20.8′ E
34° 57.8′ N 139° 19.8′ E
(33(1165)00 Tokyo)

97120 6Ed. 8/9/97 LAST NM 2/01 27/01
Add Wreck [K29] 35° 43.0′ N 141° 02.6′ E
(22(815)01 Tokyo)

97120 6Ed. 8/9/97 LAST NM 27/01 29/01
Add Danger circle [K1] "Wave meter" 35° 38.3′ N 140° 51.5′ E

Submarine cable [L30.1] between 35° 38.3′ N 140° 51.5′ E
35° 41.2′ N 140° 51.5′ E
(24(885)01 Tokyo)

97120 6Ed. 8/9/97 LAST NM 29/01 33/01
Add Fish haven symbol [K46.1] 35° 31.9′ N 140° 38.7′ E
(28(1064)01 Tokyo)

97120 6Ed. 8/9/97 LAST NM 33/01 36/01
Add Fish haven symbol [K46.1] 35° 11.1′ N 139° 47.6′ E
(30(1158)01 Tokyo)

97120 6Ed. 8/9/97 LAST NM 36/01 39/01
Change Height of light to 103m 34° 47.8′ N 139° 22.3′ E
(Jpn LL)

97120 6Ed. 8/9/97 LAST NM 39/01 2/02
Add Fish haven symbol [K46.1] 35° 07.9′ N 139° 41.0′ E
Fish haven symbol [K46.1] 35° 08.1′ N 139° 42.2′ E
Fish haven symbol [K46.1] 35° 08.8′ N 139° 41.6′ E
Fish haven symbol [K46.1] 35° 17.1′ N 139° 30.3′ E
Fish haven symbol [K46.1] 35° 15.8′ N 139° 33.2′ E
Fish haven symbol [K46.1] 35° 17.4′ N 139° 28.5′ E
(48(1803), 49(1840)01 Tokyo)

97120 6Ed. 8/9/97 LAST NM 2/02 15/02
Add Submarine cable [L30.1] joining 34° 57.7′ N 139° 59.8′ E
34° 55.6′ N 140° 00.9′ E
34° 55.1′ N 140° 01.4′ E
34° 53.1′ N 140° 01.1′ E
34° 49.6′ N 140° 01.2′ E
(NTM0012/2002)

97120 6Ed. 8/9/97 LAST NM 15/02 22/02
Add Submarine cable [L30.1] joining 34° 57.4′ N 140° 00.0′ E
34° 55.4′ N 140° 00.4′ E
34° 50.4′ N 139° 57.7′ E
34° 47.2′ N 139° 59.0′ E
(NTM0012/2002)

97120 6Ed. 8/9/97 LAST NM 22/02 28/02
Add Fish haven symbol [K46.1] 35° 33.0′ N 140° 43.4′ E
(22(760)02 Tokyo)

97120 6Ed. 8/9/97 LAST NM 28/02 31/02
Add Dangerous wreck [K28] 35° 36.2′ N 139° 50.6′ E
(24(825)02 Tokyo)

97120 6Ed. 8/9/97 LAST NM 31/02 37/02
Add Fish haven symbol [K46.1] 35° 18.2′ N 139° 23.2′ E
(31(1057)02 Tokyo)

97120 6Ed. 8/9/97 LAST NM 37/02 40/02
Substitute Depth 34 meters for 36 meters 35° 08.0′ N 140° 25.3′ E

Add Depth 12 meters 35° 07.5′ N 140° 20.0′ E
Depth 34 meters 35° 07.3′ N 140° 21.5′ E
Depth 21 meters 35° 08.1′ N 140° 22.6′ E
Depth 33 meters 35° 08.6′ N 140° 24.5′ E
Depth 34 meters 35° 08.0′ N 140° 24.5′ E
(34(1183)02 Tokyo)

97120 6Ed. 8/9/97 LAST NM 40/02 42/02
Add Fish haven symbol [K46.1] 35° 39.0′ N 140° 44.0′ E
Fish haven symbol [K46.1] 35° 31.4′ N 140° 36.6′ E
(35(1205)02 Tokyo)

97120 6Ed. 8/9/97 LAST NM 42/02 43/02
Change Light to Iso R 4s 8M 35° 06.6′ N 139° 49.5′ E
(36(1249)02 Tokyo)

97120 6Ed. 8/9/97 LAST NM 43/02 9/03
Add Submarine cable [L30.1] joining 34° 57.7′ N 140° 00.3′ E
34° 56.0′ N 140° 02.4′ E
34° 52.5′ N 140° 03.3′ E
(50(1749)02 Tokyo)

97120 6Ed. 8/9/97 LAST NM 9/03 14/03
Change Light to Fl 10s 107m 23M 35° 18.0′ N 139° 28.7′ E
(5(144)03 Tokyo)

97120 6Ed. 8/9/97 LAST NM 14/03 16/03
Add Submarine cable [L30.1] joining 34° 53.6′ N 140° 08.2′ E
34° 54.1′ N 140° 08.0′ E
34° 54.8′ N 140° 07.0′ E
34° 56.7′ N 140° 03.1′ E
34° 56.9′ N 140° 01.8′ E
34° 57.3′ N 140° 01.3′ E
(3(79)03 Tokyo)

97120 6Ed. 8/9/97 LAST NM 16/03 17/03
Add Wreck [K29] 35° 47.7′ N 141° 02.8′ E
(10(330)03 Tokyo)

97120 6Ed. 8/9/97 LAST NM 17/03 25/03
Change Visibility (range) of light to 25M 34° 47.9′ N 139° 22.3′ E
(20(847)99 Tokyo)

97120 6Ed. 8/9/97 LAST NM 25/03 40/03
Add Danger circle [K1] "Wave meter" 34° 53.2′ N 139° 53.0′ E

Submarine cable [L30.1] between 34° 53.2′ N 139° 53.0′ E
34° 54.2′ N 139° 52.9′ E
(34(1317)03 Tokyo)

97120 6Ed. 8/9/97 LAST NM 40/03 44/03
Add Fish haven symbol [K46.1] 35° 13.7′ N 139° 49.8′ E
Fish haven symbol [K46.1] 35° 05.4′ N 139° 49.5′ E
(37(1417)03 Tokyo)

97120 6Ed. 8/9/97 LAST NM 44/03 45/03
Change Visibility (range) of light to 7M 35° 02.0′ N 140° 00.8′ E
(38(1444)03 Tokyo)

97120 6Ed. 8/9/97 LAST NM 45/03 49/03
Change Light to Fl R 3s 7M 35° 15.9′ N 139° 44.0′ E
(39(1478)03 Tokyo)

97120 6Ed. 8/9/97 LAST NM 49/03 31/04
Add Submarine cable [L30.1] joining 34° 54.0′ N 140° 13.0′ E
34° 55.2′ N 140° 07.0′ E
34° 56.5′ N 140° 04.5′ E
34° 57.1′ N 140° 01.9′ E
34° 57.7′ N 140° 00.2′ E
34° 57.6′ N 139° 59.8′ E
34° 57.9′ N 139° 59.3′ E
(34(1378)99 Tokyo)

97120 6Ed. 8/9/97 LAST NM 31/04 32/04
Add Submarine cable [L30.1] joining 34° 57.9′ N 139° 58.8′ E
34° 56.7′ N 140° 01.0′ E
34° 46.8′ N 140° 02.1′ E
(35(1430)99 Tokyo)

97120 6Ed. 8/9/97 LAST NM 32/04 41/04
Add Submarine cable [L30.1] joining 35° 00.9′ N 139° 59.1′ E
35° 00.8′ N 140° 00.8′ E
35° 00.2′ N 140° 02.5′ E
34° 59.1′ N 140° 02.9′ E
34° 57.9′ N 140° 05.1′ E
34° 54.2′ N 140° 05.6′ E
34° 53.0′ N 140° 06.6′ E
34° 50.7′ N 140° 06.4′ E
(21(560)04 Tokyo)

97120 6Ed. 8/9/97 LAST NM 41/04 23/05
Delete Light 35° 19.0′ N 139° 21.8′ E
(Jpn LL)

97120 6Ed. 8/9/97 LAST NM 23/05 25/05
Change Visibility (range) of light to 6M 35° 45.2′ N 140° 51.7′ E
(28(745)04 Tokyo)

97120 6Ed. 8/9/97 LAST NM 25/05 40/05
Add Wreck [K29] 35° 32.5′ N 140° 49.5′ E
(31(950)05 Tokyo)

97120 6Ed. 8/9/97 LAST NM 40/05 52/05
Add Fish haven symbol [K46.1] 35° 43.3′ N 140° 53.0′ E
(41(1215)05 Tokyo)

97120 6Ed. 8/9/97 LAST NM 52/05 31/06
Change Visibility (range) of light to 5M 35° 15.4′ N 140° 24.3′ E
Visibility (range) of light to 5M 35° 15.3′ N 140° 24.5′ E
(7(193)06 Tokyo)

97120 6Ed. 8/9/97 LAST NM 31/06 36/06
Add Fish haven symbol [K46.1] 35° 39.0′ N 140° 43.6′ E
Fish haven symbol [K46.1] 35° 14.0′ N 139° 49.8′ E
(30(880, 881)06 Tokyo)

97120 6Ed. 8/9/97 LAST NM 36/06 35/07
Change Visibility (range) of light to 5M 35° 15.9′ N 139° 44.0′ E
(28(925)07 Tokyo)

97120 6Ed. 8/9/97 LAST NM 36/06 38/07
Change Visibility (range) of light to 17M 35° 08.5′ N 139° 40.6′ E
(28(926)07 Tokyo)

97120 6Ed. 8/9/97 LAST NM 38/07 7/08
Change Visibility (range) of light to 11M 35° 12.7′ N 139° 44.1′ E
(45(1320)06 Tokyo)

97120 6Ed. 8/9/97 LAST NM 7/08 17/08
Change Light to Fl R 4s 5M 35° 41.6′ N 140° 51.0′ E
Light to Fl R 5M 35° 07.1′ N 140° 08.6′ E
(47(1563, 1565)07 Tokyo)

97120 6Ed. 8/9/97 LAST NM 17/08 46/08
Delete Beacon 35° 17.3′ N 139° 44.2′ E
(1(1)08 Tokyo)

97120 6Ed. 8/9/97 LAST NM 46/08 52/08
Delete Foul ground symbol 35° 20.9′ N 139° 41.3′ E
(Jpn CH 1083)

97120 6Ed. 8/9/97 LAST NM 52/08 4/09
Change Visibility (range) of light to 8M 35° 22.6′ N 139° 51.6′ E
(Jpn CH 1067; Jpn LL)

97120 6Ed. 8/9/97 LAST NM 4/09 6/09
Change Visibility (range) of light to 9/5M 35° 19.1′ N 139° 49.2′ E
Visibility (range) of light to 8M 35° 18.0′ N 139° 49.4′ E
Visibility (range) of light to 3M 35° 16.7′ N 139° 50.9′ E
(Jpn LL)

97120 6Ed. 8/9/97 LAST NM 6/09 15/09
Delete HORN at light 35° 18.7′ N 139° 44.5′ E
(18(563)08 Tokyo)

97120 6Ed. 8/9/97 LAST NM 15/09 16/09
Change Visibility (range) of light to 4M 35° 12.6′ N 139° 50.6′ E
(Jpn LL)

97120 6Ed. 8/9/97 LAST NM 16/09 30/09
Delete Light 34° 59.4′ N 139° 49.4′ E
(24(1030)09 Tokyo)

97120 6Ed. 8/9/97 LAST NM 30/09 37/09
Delete Light 34° 54.9′ N 139° 49.5′ E
(24(1029)09 Tokyo)

97120 6Ed. 8/9/97 LAST NM 37/09 47/09
Delete R Bn and Ramark at light 35° 42.5′ N 140° 52.1′ E
(35(1509)09 Tokyo; Jpn LL)

97120 6Ed. 8/9/97 LAST NM 47/09 3/10
Delete R Bn and Ramark at light 35° 08.5′ N 139° 40.6′ E

Add Fish haven symbol [K46.1] 34° 59.1′ N 139° 45.8′ E
Fish haven symbol [K46.1] 34° 59.1′ N 139° 46.4′ E
Fish haven symbol [K46.1] 34° 59.3′ N 139° 47.3′ E
(28(1222), 42(1800)09 Tokyo; Jpn CH W1062)

★97132 1Ed. 7/19/12 NEW CHART N52/12
(NGA)

★97133 (INT 5304) 1Ed. 7/1/10 NEW CHART N11/11
(NGA)

★97134 (INT 5306) 2Ed. 7/19/12 NEW EDITION N52/12
Delete Legends "6th Ed." and "First edited 18th Apr. 1996." in right lower margin of chart
(NGA)

★97135 1Ed. 6/4/09 NEW CHART N46/10
(NGA)

97135 1Ed. 6/4/09 LAST NM N46/10 N2/11
Add Chartlet, depicting changes in hydrography, topography and aids to navigation, from Subsection I-2 35° 21′ 36.0″N 139° 39′ 24.0″E
(44(1607)10 Tokyo)

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★97135 1Ed. 6/4/09 LAST NM N2/11 N33/12
Add "12.8m (2011)" area [I22] bound by shore and
dashed line joining 35° 18′ 24.8″N 139° 39′ 02.5″E
35° 18′ 27.3″N 139° 39′ 05.0″E
35° 18′ 28.3″N 139° 39′ 03.7″E
35° 18′ 21.2″N 139° 38′ 56.8″E
35° 18′ 20.3″N 139° 38′ 58.1″E
35° 18′ 22.6″N 139° 39′ 00.4″E
and delete all hydrography within above area
(NTM0017/2012)

★97136 1Ed. 7/1/10 NEW CHART N18/11
(NGA)

★97137 2Ed. 9/5/13 NEW EDITION N3/14
(NGA)

★97139 1Ed. 4/2/09 NEW CHART N46/10
(NGA)

97139 1Ed. 4/2/09 LAST NM N46/10 N50/10
Add Chartlet A, depicting changes in hydrography,
from Subsection I-2 35° 29′ 28.0″N 139° 42′ 38.0″E

Chartlet B, depicting changes in hydrography,
topography and aids to navigation, from
Subsection I-2 35° 31′ 30.0″N 139° 48′ 00.0″E

Note from Subsection I-2 35° 31′ 48.0″N 139° 44′ 06.0″E
(35(1318), 39(1445)10 Tokyo)

★97140 17Ed. 6/28/97 NEW EDITION 36/97
Delete Submarine cable between 35° 10.9′ N 139° 36.3′ E
35° 06.0′ N 139° 27.7′ E

Light 34° 46.2′ N 139° 02.7′ E
34° 46.7′ N 139° 21.7′ E

Ramark at light 35° 08.4′ N 139° 40.6′ E

Change Characteristic of beacon to 4 Fl(2) 5s
34° 36.9′ N 138° 08.3′ E

Light to
Fl(2) G 4M 34° 37.8′ N 138° 13.8′ E
Fl 12M 34° 37.2′ N 138° 13.5′ E
Al Fl WR 16s 60m 20M,
Dir FWRG 64m 21-16M 34° 36.1′ N 138° 50.7′ E
Iso G 11M 35° 07.3′ N 140° 09.5′ E
Dir Oc WRG 4s 31m 16M 34° 39.1′ N 138° 57.8′ E

Superbuoy LANBY to "1" RW, ball
topmark, Iso 4s Racon 35° 12.8′ N 139° 46.6′ E

Note No. 2 of NOTES to
"2. Reserved." 35° 11.0′ N 138° 28.5′ E

Add Light Fl(2) R 9M 34° 37.9′ N 138° 13.7′ E

Submarine cable between 34° 55.2′ N 140° 00.9′ E
34° 46.7′ N 139° 55.3′ E

Legend to light symbol
"Fl R 12M" 34° 37.3′ N 138° 13.3′ E
"Iso R 12M" 35° 07.2′ N 140° 09.6′ E
(NIMA; GIMM045/96)

97140 17Ed. 6/28/97 LAST NM 36/97 41/97
Add Wreck 35° 00.0′ N 140° 06.4′ E
(29(1356)97 Tokyo)

97140 17Ed. 6/28/97 LAST NM 41/97 44/97
Add Submarine cable
joining 34° 54.7′ N 139° 08.5′ E
34° 53.4′ N 139° 09.5′ E
34° 49.0′ N 139° 10.1′ E
34° 48.3′ N 139° 09.8′ E
34° 43.8′ N 139° 15.4′ E
34° 42.7′ N 139° 18.6′ E
34° 42.8′ N 139° 19.5′ E
34° 43.4′ N 139° 20.5′ E
34° 44.6′ N 139° 21.3′ E

joining 34° 43.4′ N 139° 20.5′ E
34° 40.5′ N 139° 20.7′ E
34° 32.7′ N 139° 28.0′ E
34° 27.3′ N 139° 27.9′ E
34° 22.2′ N 139° 26.6′ E
34° 21.2′ N 139° 25.8′ E
34° 18.2′ N 139° 26.7′ E
34° 16.2′ N 139° 26.4′ E
34° 10.2′ N 139° 26.4′ E
(32(1458)97 Tokyo)

97140 17Ed. 6/28/97 LAST NM 44/97 5/98
Add Wreck 35° 09′ 00″N 139° 34′ 49″E

Fish haven symbol 34° 36′ 06″N 138° 08′ 19″E
35° 02′ 44″N 139° 48′ 15″E
(46(1999), 49(2118, 2120)97 Tokyo)

97140 17Ed. 6/28/97 LAST NM 5/98 7/98
Add Depth 1.5 meters 34° 45′ 40″N 138° 46′ 12″E
(50(2180)97 Tokyo)

97140 17Ed. 6/28/97 LAST NM 7/98 20/98
Add Fish haven symbol 34° 35′ 36″N 138° 15′ 43″E
(13(587)98 Tokyo)

97140 17Ed. 6/28/97 LAST NM 20/98 39/98
Delete Depth
28 meters 34° 35.6′ N 138° 56.9′ E
10.5 meters 34° 45.5′ N 138° 46.2′ E

Substitute Depth 1.2 meters Rk for 1.5 meters
34° 45′ 40″N 138° 46′ 12″E
(Supersedes 7/98-97140)

Add Depth 7 meters "Rep (1998)" 34° 35′ 33″N 138° 56′ 56″E
(26(1138), 27(1149)98 Tokyo)

97140 17Ed. 6/28/97 LAST NM 39/98 52/98
Substitute Depth 7.2 meters Rk for
7 meters "Rep (1998)" 34° 35′ 33″N 138° 56′ 56″E
(See 39/98-97140)
(34(1402)98 Tokyo)

97140 17Ed. 6/28/97 LAST NM 52/98 3/99
Add Depth 10.3 meters Rk 34° 37′ 29″N 138° 56′ 37″E
(46(1918)98 Tokyo)

97140 17Ed. 6/28/97 LAST NM 3/99 12/99
Add Fish haven symbol 35° 04′ 35″N 138° 49′ 56″E
35° 05′ 01″N 138° 50′ 45″E
35° 01′ 25″N 138° 49′ 57″E
35° 01′ 43″N 138° 53′ 07″E

Solid line (detached breakwater) between
35° 03′ 15″N 138° 52′ 17″E
35° 03′ 03″N 138° 52′ 24″E
(Jpn CH 82)

97140 17Ed. 6/28/97 LAST NM 12/99 19/99
Substitute Depth
7 meters for 8.8 meters 34° 37.5′ N 138° 56.0′ E
10.8 meters for 21 meters 34° 37.5′ N 138° 54.7′ E
11.1 meters for 13.6 meters 34° 36.7′ N 138° 53.9′ E
6.9 meters for 15 meters 34° 36.6′ N 138° 52.6′ E
8.5 meters for 9.5 meters 34° 36.1′ N 138° 51.6′ E
15.2 meters for 24 meters 34° 34.0′ N 138° 56.6′ E

Add Depth
17.3 meters 34° 36.4′ N 138° 52.9′ E
19.9 meters 34° 35.7′ N 138° 56.1′ E
(9(346)99 Tokyo)

97140 17Ed. 6/28/97 LAST NM 19/99 20/99
Add Solid line (breakwater extension)
between 34° 37.9′ N 138° 13.7′ E
34° 37.9′ N 138° 13.3′ E

between 34° 37.8′ N 138° 13.8′ E
34° 38.1′ N 138° 14.0′ E

Light
Fl(2) G 4M 34° 38.1′ N 138° 14.0′ E
Fl G 4M 34° 37.9′ N 138° 13.3′ E
(7(294)98 Tokyo)

97140 17Ed. 6/28/97 LAST NM 20/99 25/99
Substitute Depth 16.5 meters Rk for 17.3 meters
34° 36.4′ N 138° 52.9′ E
(See19/99-97140)
(19(799)99 Tokyo)

97140 17Ed. 6/28/97 LAST NM 25/99 30/99
Delete Solid line between 34° 37′ 48″N 138° 13′ 48″E
34° 38′ 06″N 138° 14′ 00″E

Light 34° 37′ 48″N 138° 13′ 48″E
(See 20/99-97140)
(11(489)98 Tokyo)

97140 17Ed. 6/28/97 LAST NM 30/99 37/99
Substitute Depth 19.9 meters Rk for 19.9 meters
34° 35.7′ N 138° 56.1′ E
Depth 34 meters for 40 meters 34° 35.3′ N 138° 53.5′ E
Depth 26.5 meters Rk for 36 meters
34° 34.4′ N 138° 54.7′ E
(See 19/99-97140)

Add Depth 26.5 meters Rk 34° 38.0′ N 138° 56.2′ E
Depth 22 meters Rk 34° 35.2′ N 138° 57.3′ E
Depth 29.5 meters Rk 34° 35.1′ N 138° 55.0′ E
Depth 22 meters Rk 34° 34.5′ N 138° 57.2′ E
(30(1260)99 Tokyo)

97140 17Ed. 6/28/97 LAST NM 30/99 38/99
Add Submarine cable [L30.1] joining 35° 13.4′ N 139° 14.3′ E
35° 11.2′ N 139° 12.6′ E
35° 10.9′ N 139° 12.6′ E
35° 10.2′ N 139° 12.9′ E
35° 05.5′ N 139° 13.9′ E
35° 05.0′ N 139° 14.0′ E
34° 55.2′ N 139° 19.2′ E
34° 42.1′ N 139° 15.7′ E
34° 38.0′ N 139° 18.8′ E
34° 38.0′ N 139° 28.8′ E
34° 31.6′ N 139° 39.8′ E
34° 23.0′ N 139° 41.6′ E
34° 20.0′ N 139° 43.0′ E
34° 18.9′ N 139° 45.1′ E
(13(568)98 Tokyo)

97140 17Ed. 6/28/97 LAST NM 38/99 39/99
Change Light to Fl 12s 67m 21M 34° 41.2′ N 139° 26.6′ E

Light to Al Fl(2+1) WG 30s 41m 18M
R Bn Ramark 35° 08.5′ N 139° 40.6′ E
(13(567, 571)98 Tokyo; Jpn LL)

97140 17Ed. 6/28/97 LAST NM 39/99 40/99
Add Danger circle "Obstn" 35° 02.0′ N 138° 32.6′ E
(34(1381)99 Tokyo)

97140 17Ed. 6/28/97 LAST NM 40/99 41/99
Change Period of light to 15s 34° 54.1′ N 139° 53.3′ E
(14(613)98 Tokyo)

97140 17Ed. 6/28/97 LAST NM 41/99 43/99
Change Note No. 2 of NOTES to
"2. Vessels should use caution while transiting
this area due to Naval test operations which
involve frequent maneuvers in the vicinity of
Sagami Wan. See Sailing Directions."
35° 11.0′ N 138° 28.5′ E

Add Legend "NOTE NO. 2" 35° 10.0′ N 139° 25.0′ E
(NTM0031/1999)

97140 17Ed. 6/28/97 LAST NM 43/99 44/99
Add Submarine cable [L30.1] joining 35° 11.4′ N 139° 37.0′ E
35° 10.3′ N 139° 33.2′ E
35° 09.2′ N 139° 31.7′ E
35° 05.7′ N 139° 28.4′ E
35° 00.0′ N 139° 25.2′ E
34° 54.5′ N 139° 26.2′ E
34° 53.4′ N 139° 31.0′ E
34° 46.7′ N 139° 36.3′ E
34° 41.0′ N 139° 36.8′ E
34° 38.3′ N 139° 36.2′ E
34° 34.8′ N 139° 42.2′ E
34° 23.8′ N 139° 43.3′ E
34° 22.0′ N 139° 44.3′ E
34° 18.3′ N 139° 52.5′ E
34° 10.2′ N 139° 52.5′ E
(16(695)98 Tokyo)

97140 17Ed. 6/28/97 LAST NM 44/99 46/99
Add Fish haven symbol [K46.1] 35° 08.2′ N 139° 38.1′ E
(41(1670)99 Tokyo)

97140 17Ed. 6/28/97 LAST NM 46/99 2/01
Add Submarine cable [L30.1] joining 34° 56.9′ N 140° 00.8′ E
34° 56.3′ N 140° 00.0′ E
34° 54.7′ N 139° 59.8′ E
34° 49.4′ N 139° 56.2′ E
34° 46.2′ N 139° 57.5′ E
34° 41.7′ N 139° 50.8′ E
34° 41.7′ N 139° 45.0′ E
34° 39.2′ N 139° 39.4′ E
34° 36.7′ N 139° 33.9′ E
34° 37.2′ N 139° 32.6′ E
34° 46.0′ N 139° 29.0′ E
34° 50.6′ N 139° 24.1′ E
34° 54.2′ N 139° 22.3′ E
34° 55.7′ N 139° 21.1′ E
34° 56.2′ N 139° 20.8′ E
34° 59.5′ N 139° 19.2′ E
35° 02.2′ N 139° 17.5′ E
35° 04.2′ N 139° 15.6′ E
35° 06.4′ N 139° 15.6′ E
35° 09.0′ N 139° 14.5′ E
35° 10.6′ N 139° 14.5′ E
35° 11.2′ N 139° 14.2′ E
35° 13.2′ N 139° 14.5′ E
35° 14.4′ N 139° 14.1′ E
35° 14.7′ N 139° 14.1′ E
35° 15.2′ N 139° 14.5′ E
(33(1165)00 Tokyo)

97140 17Ed. 6/28/97 LAST NM 2/01 36/01
Add Fish haven symbol [K46.1] 35° 11.1′ N 139° 47.6′ E
(30(1158)01 Tokyo)

97140 17Ed. 6/28/97 LAST NM 36/01 39/01
Change Height of light to 103m 34° 47.8′ N 139° 22.3′ E
(Jpn LL)

97140 17Ed. 6/28/97 LAST NM 39/01 2/02
Add Fish haven symbol [K46.1] 35° 07.9′ N 139° 41.0′ E
Fish haven symbol [K46.1] 35° 08.1′ N 139° 42.2′ E
Fish haven symbol [K46.1] 35° 08.8′ N 139° 41.6′ E
Fish haven symbol [K46.1] 35° 17.1′ N 139° 30.3′ E
Fish haven symbol [K46.1] 35° 15.8′ N 139° 33.2′ E
Fish haven symbol [K46.1] 35° 17.4′ N 139° 28.5′ E
(48(1803), 49(1840)01 Tokyo)

97140 17Ed. 6/28/97 LAST NM 2/02 10/02
Add Fish haven symbol [K46.1] 35° 14.9′ N 139° 10.1′ E
(3(77)02 Tokyo)

97140 17Ed. 6/28/97 LAST NM 10/02 15/02
Add Submarine cable [L30.1] joining 34° 57.7′ N 139° 59.8′ E
34° 55.6′ N 140° 00.9′ E
34° 55.1′ N 140° 01.4′ E
34° 53.1′ N 140° 01.1′ E
34° 49.6′ N 140° 01.2′ E
(NTM0012/2002)

97140 17Ed. 6/28/97 LAST NM 15/02 22/02
Add Submarine cable [L30.1] joining 34° 57.9′ N 139° 59.0′ E
34° 55.4′ N 140° 00.4′ E
34° 50.4′ N 139° 57.7′ E
34° 47.7′ N 139° 58.7′ E
(NTM0012/2002)

97140 17Ed. 6/28/97 LAST NM 22/02 33/02
Change Visibility (range) of light to 16-13M
34° 39.1′ N 138° 57.9′ E
(Jpn LL)

97140 17Ed. 6/28/97 LAST NM 33/02 37/02
Add Fish haven symbol [K46.1] 35° 11.3′ N 139° 08.5′ E
Fish haven symbol [K46.1] 35° 11.9′ N 139° 08.7′ E
Fish haven symbol [K46.1] 35° 17.5′ N 139° 18.6′ E
Fish haven symbol [K46.1] 35° 17.6′ N 139° 17.2′ E
Fish haven symbol [K46.1] 35° 18.2′ N 139° 23.2′ E
(31(1057)02 Tokyo)

97140 17Ed. 6/28/97 LAST NM 37/02 39/02
Add Wreck [K29] 34° 34.5′ N 138° 17.0′ E
(33(1151)02 Tokyo)

97140 17Ed. 6/28/97 LAST NM 39/02 43/02
Change Light to Iso R 4s 8M 35° 06.6′ N 139° 49.5′ E
(36(1249)02 Tokyo)

97140 17Ed. 6/28/97 LAST NM 43/02 45/02
Add Buoy Y, pillar, "X" topmark, Fl(5) Y 20s
34° 23.8′ N 138° 19.1′ E
(32(1404)98 Tokyo)

97140 17Ed. 6/28/97 LAST NM 45/02 7/03
Change Visibility (range) of light (Fl(2) R) to 5M
35° 04.7′ N 138° 51.1′ E
(51(1781)02 Tokyo)

97140 17Ed. 6/28/97 LAST NM 7/03 9/03
Add Submarine cable [L30.1] joining 34° 57.7′ N 140° 00.3′ E
34° 56.0′ N 140° 02.4′ E
34° 52.5′ N 140° 03.3′ E
(50(1749)02 Tokyo)

97140 17Ed. 6/28/97 LAST NM 9/03 14/03
Change Light to Fl 10s 107m 23M 35° 18.0′ N 139° 28.7′ E
(5(144)03 Tokyo)

97140 17Ed. 6/28/97 LAST NM 14/03 16/03
Add Submarine cable [L30.1] joining 34° 53.6′ N 140° 08.2′ E
34° 54.1′ N 140° 08.0′ E
34° 54.8′ N 140° 07.0′ E
34° 56.7′ N 140° 03.1′ E
34° 56.9′ N 140° 01.8′ E
34° 57.3′ N 140° 01.3′ E
(3(79)03 Tokyo)

97140 17Ed. 6/28/97 LAST NM 16/03 25/03
Change Visibility (range) of light to 25M 34° 47.9′ N 139° 22.3′ E
(20(847)99 Tokyo)

97140 17Ed. 6/28/97 LAST NM 25/03 40/03
Add Danger circle [K1] "Wave meter" 34° 53.2′ N 139° 53.0′ E

Submarine cable [L30.1] between 34° 53.2′ N 139° 53.0′ E
34° 54.2′ N 139° 52.9′ E
(34(1317)03 Tokyo)

97140 17Ed. 6/28/97 LAST NM 40/03 44/03
Change Visibility (range) of light to 7M 34° 45.0′ N 138° 16.1′ E

Add Fish haven symbol [K46.1] 35° 13.7′ N 139° 49.8′ E
Fish haven symbol [K46.1] 35° 05.4′ N 139° 49.5′ E
(37(1417, 1418)03 Tokyo)

97140 17Ed. 6/28/97 LAST NM 44/03 45/03
Change Visibility (range) of light to 7M 35° 02.0′ N 140° 00.8′ E
(38(1444)03 Tokyo)

97140 17Ed. 6/28/97 LAST NM 45/03 46/03
Change Light to Al Fl WR 16s 60m 20M,
Dir F WRG 64m 17-13M 34° 36.1′ N 138° 50.7′ E
(51(2017)99 Tokyo)

97140 17Ed. 6/28/97 LAST NM 46/03 49/03
Change Light to Fl R 3s 7M 35° 15.9′ N 139° 44.0′ E
(39(1478)03 Tokyo)

97140 17Ed. 6/28/97 LAST NM 49/03 52/03
Change Visibility (range) of light to 5M 35° 04.8′ N 138° 51.1′ E
(42(1574)03 Tokyo)

97140 17Ed. 6/28/97 LAST NM 52/03 31/04
Add Submarine cable [L30.1] joining 34° 54.0′ N 140° 12.8′ E
34° 55.2′ N 140° 07.0′ E
34° 56.5′ N 140° 04.5′ E
34° 57.1′ N 140° 01.9′ E
34° 57.7′ N 140° 00.2′ E
34° 57.6′ N 139° 59.8′ E
34° 57.9′ N 139° 59.3′ E
(34(1378)99 Tokyo)

97140 17Ed. 6/28/97 LAST NM 31/04 32/04
Add Submarine cable [L30.1] joining 34° 57.9′ N 139° 58.8′ E
34° 56.7′ N 140° 01.0′ E
34° 46.8′ N 140° 02.1′ E
(35(1430)99 Tokyo)

97140 17Ed. 6/28/97 LAST NM 32/04 34/04
Change Visibility (range) of light to 11M 34° 35.9′ N 138° 15.6′ E
(16(432)04 Tokyo)

97140 17Ed. 6/28/97 LAST NM 34/04 36/04
Delete Submarine cable joining 34° 44.5′ N 139° 21.3′ E
34° 46.9′ N 139° 13.3′ E
34° 54.7′ N 139° 08.3′ E

Submarine cable joining 34° 44.5′ N 139° 21.3′ E
34° 27.9′ N 139° 26.5′ E
34° 10.2′ N 139° 25.4′ E
(40(1629)99 Tokyo)

97140 17Ed. 6/28/97 LAST NM 36/04 41/04
Add Submarine cable [L30.1] joining 35° 00.9′ N 139° 59.1′ E
35° 00.8′ N 140° 00.8′ E
35° 00.2′ N 140° 02.5′ E
34° 59.1′ N 140° 02.9′ E
34° 57.9′ N 140° 05.1′ E
34° 54.2′ N 140° 05.6′ E
34° 53.0′ N 140° 06.6′ E
34° 50.7′ N 140° 06.4′ E
(21(560)04 Tokyo)

97140 17Ed. 6/28/97 LAST NM 41/04 21/05
Change Light to Fl 5s 116m 22M with obscured sector
177°-346° 34° 41.4′ N 138° 44.5′ E
(3(60)05 Tokyo; Jpn LL)

97140 17Ed. 6/28/97 LAST NM 21/05 23/05
Delete Light 35° 18.8′ N 139° 21.8′ E
(Jpn LL)

97140 17Ed. 6/28/97 LAST NM 23/05 40/05
Add Wreck [K29] 34° 32.7′ N 138° 18.2′ E
(31(952)05 Tokyo)

97140 17Ed. 6/28/97 LAST NM 40/05 1/06
Change Light to Fl G 3s 7M 34° 46.6′ N 138° 18.3′ E
(42(1245)05 Tokyo)

97140 17Ed. 6/28/97 LAST NM 1/06 4/06
Add Submarine cable [L30.1] joining 35° 17.7′ N 139° 15.3′ E
35° 16.2′ N 139° 15.3′ E
35° 10.7′ N 139° 16.5′ E
35° 05.8′ N 139° 19.3′ E
35° 00.0′ N 139° 16.0′ E
34° 54.6′ N 139° 18.3′ E
34° 48.3′ N 139° 16.6′ E
34° 43.7′ N 139° 13.0′ E
34° 38.8′ N 139° 05.9′ E
34° 27.0′ N 139° 00.5′ E
34° 21.8′ N 138° 50.0′ E
(44(1775)99 Tokyo)

97140 17Ed. 6/28/97 LAST NM 4/06 27/06
Change Visibility (range) of light to 19M 34° 41.4′ N 138° 44.5′ E
(12(371)06 Tokyo)

97140 17Ed. 6/28/97 LAST NM 27/06 36/06
Add Fish haven symbol [K46.1] 35° 14.0′ N 139° 49.8′ E
(30(881)06 Tokyo)

97140 17Ed. 6/28/97 LAST NM 36/06 35/07
Change Visibility (range) of light to 5M 35° 15.9′ N 139° 44.0′ E
(28(925)07 Tokyo)

97140 17Ed. 6/28/97 LAST NM 35/07 38/07
Change Visibility (range) of light to 17M 35° 08.5′ N 139° 40.6′ E
(28(926)07 Tokyo)

97140 17Ed. 6/28/97 LAST NM 38/07 7/08
Change Visibility (range) of light to 11M 35° 12.7′ N 139° 44.1′ E
(45(1320)06 Tokyo)

97140 17Ed. 6/28/97 LAST NM 7/08 17/08
Change Light to Fl R 4s 5M 35° 07.1′ N 140° 08.6′ E
(47(1565)07 Tokyo)

97140 17Ed. 6/28/97 LAST NM 17/08 25/08
Add Fish haven symbol [K46.1] 34° 59.6′ N 139° 48.2′ E
(18(562)08 Tokyo)

97140 17Ed. 6/28/97 LAST NM 25/08 46/08
Delete Beacon 35° 17.2′ N 139° 44.2′ E
(1(1)08 Tokyo)

97140 17Ed. 6/28/97 LAST NM 46/08 51/08
Delete Foul ground symbol 35° 20.9′ N 139° 41.3′ E
(Jpn CH 1083)

97140 17Ed. 6/28/97 LAST NM 51/08 6/09
Change Visibility (range) of light to 9/5M 35° 19.1′ N 139° 49.0′ E
Visibility (range) of light to 8M 35° 17.9′ N 139° 49.4′ E
Visibility (range) of light to 3M 35° 16.7′ N 139° 50.8′ E
(Jpn LL)

97140 17Ed. 6/28/97 LAST NM 6/09 15/09
Delete HORN at light 35° 18.7′ N 139° 44.5′ E
(18(563)08 Tokyo; Jpn LL)

97140 17Ed. 6/28/97 LAST NM 15/09 16/09
Change Visibility (range) of light to 4M 35° 12.6′ N 139° 50.6′ E
(Jpn LL)

97140 17Ed. 6/28/97 LAST NM 16/09 25/09
Change Light to Dir F WRG 14-10M 34° 39.1′ N 138° 57.9′ E
(Jpn LL)

97140 17Ed. 6/28/97 LAST NM 25/09 30/09
Delete Light 34° 59.4′ N 139° 49.4′ E
(24(1030)09 Tokyo)

97140 17Ed. 6/28/97 LAST NM 30/09 32/09
Change Visibility (range) of light to 13M 34° 39.5′ N 138° 59.1′ E
(Jpn LL)

97140 17Ed. 6/28/97 LAST NM 32/09 34/09
Change Visibility (range) of light to 3M 34° 38.1′ N 138° 14.0′ E
(21(884)09 Tokyo)

97140 17Ed. 6/28/97 LAST NM 34/09 35/09
Delete Light 34° 12.0′ N 139° 09.3′ E

Add Light Fl G 3s 20m 5M 34° 12.0′ N 139° 09.5′ E
(23(968)09 Tokyo)

97140 17Ed. 6/28/97 LAST NM 35/09 36/09
Add Buoy Y, pillar, "X" topmark, Fl(5) Y 20s
34° 24.2′ N 138° 16.5′ E
(17(703)09 Tokyo)

97140 17Ed. 6/28/97 LAST NM 36/09 37/09
Delete Light 34° 54.9′ N 139° 49.5′ E

Add Fish haven symbol [K46.1] 34° 56.0′ N 138° 26.2′ E
(24(1029, 1032)09 Tokyo)

97140 17Ed. 6/28/97 LAST NM 37/09 3/10
Delete R Bn and Ramark at light 35° 08.5′ N 139° 40.6′ E

Add Fish haven symbol [K46.1] 34° 59.1′ N 139° 45.8′ E
Fish haven symbol [K46.1] 34° 59.1′ N 139° 46.4′ E
Fish haven symbol [K46.1] 34° 59.3′ N 139° 47.3′ E
(28(1222), 42(1800)09 Tokyo; Jpn CH W1062)

97140 17Ed. 6/28/97 LAST NM 3/10 13/10
Change Visibility (range) of light to 4M 35° 01.7′ N 138° 52.7′ E
(8(309)10 Tokyo)

97140 17Ed. 6/28/97 LAST NM 13/10 15/10
Change Visibility (range) of light to 5M 34° 51.2′ N 138° 19.9′ E
(8(310)10 Tokyo)

97140 17Ed. 6/28/97 LAST NM 15/10 17/10
Delete Depth 328 meters 34° 58.1′ N 139° 10.1′ E

Add Depth 216 meters 34° 58.4′ N 139° 10.0′ E
(NTM0001/2010)

97140 17Ed. 6/28/97 LAST NM 17/10 22/10
Change Visibility (range) of light to 8M 34° 49.7′ N 138° 45.9′ E
Visibility (range) of light to 4M 34° 36.8′ N 138° 13.3′ E
(13(495, 499)10 Tokyo)

97140 17Ed. 6/28/97 LAST NM 22/10 37/10
Change Visibility (range) of light (Oc R) to 4M
34° 39.2′ N 138° 58.1′ E
(21(854)10 Tokyo)

★**97140** 17Ed. 6/28/97 LAST NM 37/10 19/11
Add Depth 73 meters 34° 31.3′ N 139° 31.4′ E
(NTM0016/2011)

★**97140** 17Ed. 6/28/97 LAST NM 19/11 4/13
Substitute Depth 70 meters for 76 meters 34° 35.3′ N 139° 28.7′ E

Add Depth 119 meters 34° 33.3′ N 139° 32.0′ E
(NTM0005/2012)

★**97145** 2Ed. 12/24/05 NEW EDITION 8/06
(NGA)

97145 2Ed. 12/24/05 LAST NM 8/06 38/07
Change Visibility (range) of light to 17M
35° 08′ 29″N 139° 40′ 37″E
(28(926)07 Tokyo)

97145 2Ed. 12/24/05 LAST NM 38/07 17/08
Change Light to Fl R 4s 5M 35° 07′ 03″N 140° 08′ 34″E
(47(1565)07 Tokyo)

97145 2Ed. 12/24/05 LAST NM 17/08 25/08
Add Fish haven symbol [K46.1] 34° 59′ 34″N 139° 48′ 11″E
(18(562)08 Tokyo)

97145 2Ed. 12/24/05 LAST NM 25/08 30/09
Delete Light 34° 59′ 28″N 139° 49′ 29″E

Add Fish haven symbol [K46.1] 35° 08′ 11″N 139° 49′ 48″E
(23(967), 24(1030)09 Tokyo)

97145 2Ed. 12/24/05 LAST NM 30/09 37/09
Delete Light 34° 54′ 54″N 139° 49′ 26″E
(24(1029)09 Tokyo)

97145 2Ed. 12/24/05 LAST NM 37/09 50/09
Change Visibility (range) of light to 5M
35° 08′ 34″N 139° 40′ 41″E
(42(1803)09 Tokyo)

97145 2Ed. 12/24/05 LAST NM 50/09 3/10
Delete Ramark at light 35° 08′ 29″N 139° 40′ 37″E
RC 35° 08′ 28″N 139° 40′ 30″E

Add Fish haven symbol [K46.1] 34° 59′ 05″N 139° 45′ 45″E
Fish haven symbol [K46.1] 34° 59′ 05″N 139° 46′ 25″E
Fish haven symbol [K46.1] 34° 59′ 16″N 139° 47′ 18″E
Fish haven symbol [K46.1] 34° 59′ 00″N 139° 47′ 13″E
Fish haven symbol [K46.1] 34° 59′ 45″N 139° 48′ 59″E
(28(1222), 42(1800)09 Tokyo; Jpn CH W1062)

★**97152** 9Ed. 10/18/03 NEW EDITION 1/04
(NGA)

97152 9Ed. 10/18/03 LAST NM 1/04 6/04
Delete Depth 6 meters 35° 29′ 45.6″N 140° 01′ 46.4″E
Legend "St" 35° 29′ 44.0″N 140° 01′ 45.2″E

Add Depth 5.8 meters 35° 29′ 44.5″N 140° 01′ 45.5″E
Depth 8.3 meters 35° 29′ 46.0″N 140° 01′ 47.5″E
Depth 3.6 meters 35° 29′ 48.2″N 140° 01′ 44.5″E
(34(1309)03 Tokyo)

97152 9Ed. 10/18/03 LAST NM 6/04 13/05
Substitute Beacon "No 3" G, can topmark, Fl G 3s 5M
for buoy 35° 28′ 22.0″N 139° 57′ 46.0″E
Beacon "No 4" R, cone topmark, Fl R 3s 4M
for buoy 35° 28′ 19.0″N 139° 57′ 33.0″E
(1(8)05 Tokyo)

97152 9Ed. 10/18/03 LAST NM 13/05 32/06
Delete Depth 11.7 meters 35° 29′ 37.0″N 140° 02′ 02.0″E

Substitute Depth 16.8 meters for 18.1 meters
35° 29′ 36.0″N 140° 01′ 59.0″E

Add Depth 14.9 meters 35° 29′ 36.0″N 140° 02′ 01.0″E
Depth 11.2 meters 35° 29′ 33.6″N 140° 01′ 55.5″E
Depth 15.8 meters 35° 29′ 38.0″N 140° 02′ 01.0″E
(15(451)06 Tokyo)

★97153 8Ed. 10/18/03 NEW EDITION 52/03
(NGA)

97153 8Ed. 10/18/03 LAST NM 52/03 30/04
Delete Depth 4.2 meters 35° 32′ 59.0″N 140° 06′ 53.0″E

Substitute Depth 0.1 meter for 1.5 meters
35° 33′ 02.0″N 140° 06′ 51.0″E
Depth 5.4 meters for 4.3 meters
35° 32′ 58.0″N 140° 06′ 51.5″E

Add Depth 4.9 meters 35° 33′ 00.0″N 140° 06′ 51.5″E
(47(1731)03 Tokyo)

97153 8Ed. 10/18/03 LAST NM 30/04 18/05
Add Legend "Lesser depths rep" between
35° 33′ 04.1″N 140° 06′ 41.1″E
35° 33′ 02.5″N 140° 06′ 55.0″E
(12(343)05 Tokyo)

97153 8Ed. 10/18/03 LAST NM 18/05 34/07
Add Double dashed line with legend "Submerged
Jetty" [Fb] between 35° 35′ 58.7″N 140° 05′ 38.9″E
35° 35′ 53.8″N 140° 05′ 38.8″E
(28(923)07 Tokyo)

97153 8Ed. 10/18/03 LAST NM 34/07 25/08
Add Legend "(Y Lt)" to buoy 35° 36′ 30.2″N 140° 01′ 56.4″E
Legend "(Y Lt)" to buoy 35° 36′ 08.9″N 140° 01′ 19.2″E
Legend "(Y Lt)" to buoy 35° 35′ 41.9″N 140° 01′ 44.7″E
Legend "(Y Lt)" to buoy 35° 35′ 11.9″N 140° 02′ 19.0″E
Legend "(Y Lt)" to buoy 35° 35′ 44.1″N 140° 02′ 49.5″E
(19(604)08 Tokyo)

★97157 2Ed. 8/2/03 NEW EDITION 40/03
(NIMA)

97157 2Ed. 8/2/03 LAST NM 40/03 1/04
Add Legend "Lesser depths reported (2003)"
35° 40′ 09.0″N 139° 57′ 12.0″E
(43(1638)03 Tokyo)

97157 2Ed. 8/2/03 LAST NM 1/04 38/04
Substitute Depth 7.2 meters for 0.2 meter
35° 39′ 54.0″N 140° 00′ 08.0″E
Depth 6.8 meters for 0.4 meter
35° 39′ 51.0″N 140° 00′ 08.5″E

Depth 9.6 meters for 10.8 meters
35° 39′ 46.5″N 140° 00′ 07.5″E

Add Depth 11.2 meters 35° 39′ 53.5″N 140° 00′ 05.5″E
Depth 11.2 meters 35° 39′ 50.5″N 140° 00′ 07.0″E
Depth 11 meters 35° 39′ 48.0″N 140° 00′ 06.5″E
Depth 12.1 meters 35° 39′ 45.0″N 140° 00′ 07.2″E
Position circle [E33] "Silo" 35° 39′ 52.8″N 140° 00′ 11.3″E
Position circle [E33] "Silo" 35° 39′ 51.5″N 140° 00′ 11.5″E

Solid line (pier) [F14] between
35° 39′ 52.8″N 140° 00′ 09.1″E
35° 39′ 52.5″N 140° 00′ 08.0″E

Position circle "Dol" [F20] 35° 39′ 51.0″N 140° 00′ 08.0″E
(27(704)04 Tokyo)

97157 2Ed. 8/2/03 LAST NM 38/04 1/05
Substitute CAUTIONS note for CAUTION note from
Subsection I-3 35° 41′ 30.0″N 139° 55′ 23.0″E

Add Legend "CAUTION NO 2" between
35° 39′ 58.9″N 139° 57′ 22.1″E
35° 39′ 38.8″N 139° 57′ 36.2″E

Legend "CAUTION NO 2" between
35° 39′ 57.6″N 139° 57′ 12.1″E
35° 39′ 43.0″N 139° 57′ 22.5″E

Legend "CAUTION NO 3" between
35° 38′ 44.0″N 139° 58′ 06.2″E
35° 38′ 28.8″N 139° 58′ 17.2″E
(46(1200)04 Tokyo)

97157 2Ed. 8/2/03 LAST NM 1/05 5/05
Add Chartlet, depicting changes in hydrography and
aids to navigation, from Subsection I-2
35° 40′ 24.0″N 139° 56′ 54.0″E
(27(704)04 Tokyo)

97157 2Ed. 8/2/03 LAST NM 5/05 28/05
Relocate Buoy "No 16" from
35° 40′ 29.0″N 139° 56′ 45.0″E to
35° 40′ 26.6″N 139° 56′ 47.6″E

Buoy "No 2" from
35° 40′ 16.9″N 139° 59′ 01.8″E to
35° 40′ 15.7″N 139° 59′ 01.2″E
and change shape to pillar
(See 5/05-97157)
(8(235)05 Tokyo)

97157 2Ed. 8/2/03 LAST NM 28/05 47/05
Delete Buoy 35° 40′ 09.6″N 139° 57′ 05.0″E
Buoy 35° 40′ 08.7″N 139° 57′ 20.0″E
(See 5/05-97157)

Add Buoy Y, conical, (Y Lt) 35° 40′ 04.2″N 139° 57′ 07.0″E
(26(774)05 Tokyo)

97157 2Ed. 8/2/03 LAST NM 47/05 53/05
Add Legend "Lesser depths rep" between
35° 39′ 37.7″N 139° 59′ 55.7″E
35° 39′ 39.0″N 140° 00′ 09.9″E
(45(1358)05 Tokyo)

97157 2Ed. 8/2/03 LAST NM 53/05 53/11
Change Shape of buoy "No 16" to pillar
35° 40′ 26.6″N 139° 56′ 47.6″E
(See 5/05-97157)

Add Land tint to area (quay) bound by shore and
solid line [F13] joining 35° 40′ 17.0″N 139° 58′ 44.7″E
35° 40′ 17.1″N 139° 58′ 45.3″E
35° 40′ 11.3″N 139° 58′ 46.2″E
35° 40′ 11.2″N 139° 58′ 45.7″E
and delete all hydrography within above area

Dolphin [F20] 35° 40′ 10.5″N 139° 58′ 46.2″E

Buoy "No 14" R, conical, (R Lt)
35° 40′ 23.4″N 139° 56′ 52.7″E
(47(1598, 1599)11 Tokyo)

★97158 5Ed. 10/18/03 NEW EDITION 50/03
(NGA)

★97159 6Ed. 8/3/91 NEW EDITION 37/91
(DMAHTC)

97159 6Ed. 8/3/91 LAST NM 37/91 50/91
Change Period of light to 7s 35° 02.1′ N 138° 53.2′ E
(43(1556)91 Tokyo)

97159 6Ed. 8/3/91 LAST NM 50/91 12/92
Delete Light 34° 45′ 15″N 138° 46′ 24″E

Add Light Iso R 4s 12m 11M 34° 45′ 22″N 138° 46′ 19″E

Solid line (breakwater) between
34° 45′ 22″N 138° 46′ 19″E
34° 45′ 10″N 138° 46′ 19″E
(4(111)92 Tokyo)

97159 6Ed. 8/3/91 LAST NM 12/92 20/92
Change Light to Fl R 4s 11M 34° 54.7′ N 138° 47.1′ E
(11(370)92 Tokyo)

97159 6Ed. 8/3/91 LAST NM 20/92 24/92
Change Light to Fl R 4s 13m 12M 34° 37′ 16″N 138° 13′ 32″E
(16(584)92 Tokyo)

97159 6Ed. 8/3/91 LAST NM 24/92 11/93
Delete R Bn at light 34° 36.2′ N 138° 50.7′ E

RW 34° 35.8′ N 138° 13.3′ E
(MCC1231/93)

97159 6Ed. 8/3/91 LAST NM 11/93 22/93
Relocate Light close E to 34° 55′ 10″N 138° 22′ 24″E

Add Solid line (breakwater extension)
between 34° 55′ 09″N 138° 22′ 16″E
34° 55′ 10″N 138° 22′ 24″E
(7(178)93 Tokyo)

97159 6Ed. 8/3/91 LAST NM 22/93 27/93
Delete Purple outline of chart 97161 34° 34.2′ N 138° 51.5′ E

Change Light to Al Fl WR 16s 60m 20M,
Dir F WRG 21-16M 34° 36.1′ N 138° 50.7′ E
(11(413)93 Tokyo; DMAHTC)

97159 6Ed. 8/3/91 LAST NM 27/93 29/93
Change Period of light to 6s 35° 01.2′ N 138° 31.0′ E
(14(542)93 Tokyo)

97159 6Ed. 8/3/91 LAST NM 29/93 31/93
Change Visibility (range) of light to 7M 35° 02.6′ N 138° 53.9′ E
(19(725)93 Tokyo)

97159 6Ed. 8/3/91 LAST NM 31/93 8/95
Add Solid line (breakwater)
between 34° 37′ 54″N 138° 13′ 41″E
34° 37′ 54″N 138° 13′ 26″E

Light Fl(2) R 6s 13m 9M 34° 37′ 54″N 138° 13′ 41″E
(3(81)95 Tokyo)

97159 6Ed. 8/3/91 LAST NM 8/95 3/96
Change Period of light to 4s 34° 39.8′ N 138° 47.5′ E
(49(2154)95 Tokyo)

97159 6Ed. 8/3/91 LAST NM 3/96 11/96
Add Light Fl R 4s 6M 35° 03′ 28″N 138° 52′ 41″E
(5(188)96 Tokyo)

97159 6Ed. 8/3/91 LAST NM 11/96 21/96
Add Solid line (breakwater extension)
between 34° 37′ 49″N 138° 13′ 58″E
34° 38′ 03″N 138° 14′ 01″E

Light Fl(2) G 6s 6m 4M 34° 38′ 03″N 138° 14′ 01″E
(16(755)96 Tokyo)

97159 6Ed. 8/3/91 LAST NM 21/96 38/96
Add Solid line (breakwater extension)
between 34° 37′ 54″N 138° 13′ 26″E
34° 37′ 54″N 138° 13′ 23″E

Light Fl G 5s 5m 4M 34° 37′ 54″N 138° 13′ 23″E
(31(1495)96 Tokyo)

97159 6Ed. 8/3/91 LAST NM 38/96 11/97
Substitute Light Fl G 3s 9m 6M for
position circle "(G Lt)" 34° 41′ 10″N 138° 13′ 00″E

Add Light Fl R 3s 12m 6M 34° 55′ 15″N 138° 22′ 19″E
(3(92, 93)97 Tokyo; Jpn LL)

97159 6Ed. 8/3/91 LAST NM 11/97 20/97
Add Light Fl R 3s 7m 5M 34° 51′ 08″N 138° 19′ 47″E
(11(466)97 Tokyo)

97159 6Ed. 8/3/91 LAST NM 20/97 5/98
Add Fish haven symbol 34° 35′ 36″N 138° 15′ 43″E
(49(2120)97 Tokyo)

97159 6Ed. 8/3/91 LAST NM 5/98 7/98
Add Depth 1.5 meters 34° 45′ 40″N 138° 46′ 12″E
(50(2180)97 Tokyo)

97159 6Ed. 8/3/91 LAST NM 7/98 39/98
Substitute Depth 1.2 meters Rk for 1.5 meters
34° 45′ 40″N 138° 46′ 12″E
(Supersedes 7/98-97159)

Add Depth 7 meters "Rep (1998)" 34° 35′ 33″N 138° 56′ 56″E
(26(1138), 27(1149)98 Tokyo)

97159 6Ed. 8/3/91 LAST NM 39/98 52/98
Substitute Depth 7.2 meters Rk for
7 meters "Rep (1998)" 34° 35′ 33″N 138° 56′ 56″E
(See 39/98-97159)
(34(1402)98 Tokyo)

97159 6Ed. 8/3/91 LAST NM 52/98 3/99
Delete Depth 36 meters 34° 37.6′ N 138° 56.6′ E

Add Depth 10.3 meters Rk 34° 37′ 29″N 138° 56′ 37″E
(46(1918)98 Tokyo)

97159 6Ed. 8/3/91 LAST NM 3/99 12/99
Add Fish haven symbol 35° 04′ 35″N 138° 49′ 56″E
35° 05′ 01″N 138° 50′ 45″E
35° 02′ 13″N 138° 53′ 17″E
35° 01′ 43″N 138° 53′ 07″E
35° 01′ 41″N 138° 53′ 28″E
35° 01′ 34″N 138° 47′ 51″E

Solid line (detached breakwater) between
35° 03′ 15″N 138° 52′ 17″E
35° 03′ 03″N 138° 52′ 24″E
(Jpn CH 82)

97159 6Ed. 8/3/91 LAST NM 12/99 19/99
Delete Depth
21 meters 34° 35.4′ N 138° 54.6′ E
22 meters 34° 36.2′ N 138° 55.2′ E
21 meters 34° 35.8′ N 138° 56.0′ E
21 meters 34° 35.1′ N 138° 56.6′ E

Substitute Depth
7 meters for 8.8 meters 34° 37.6′ N 138° 55.8′ E
11.1 meters for 13.6 meters 34° 36.7′ N 138° 53.8′ E
8.5 meters for 9.5 meters 34° 36.1′ N 138° 51.6′ E
15.2 meters for 24 meters 34° 34.0′ N 138° 56.6′ E

Add Depth
10.8 meters 34° 37′ 30″N 138° 54′ 41″E
18.8 meters 34° 37′ 15″N 138° 54′ 23″E
6.9 meters 34° 36′ 38″N 138° 52′ 35″E
17.3 meters 34° 36′ 24″N 138° 52′ 51″E
9.1 meters 34° 36′ 35″N 138° 55′ 14″E
16.7 meters 34° 36′ 19″N 138° 55′ 14″E
19.9 meters 34° 35′ 41″N 138° 56′ 06″E
17.3 meters 34° 34′ 55″N 138° 56′ 37″E
(9(346)99 Tokyo)

97159 6Ed. 8/3/91 LAST NM 19/99 20/99
Add Solid line (breakwater extension)
between 34° 37′ 54″N 138° 13′ 26″E
34° 37′ 56″N 138° 13′ 20″E

between 34° 37′ 55″N 138° 13′ 43″E
34° 38′ 04″N 138° 14′ 01″E

Purple outline of chart 97167 joining
34° 43′ 00″N 138° 58′ 15″E
34° 43′ 00″N 138° 52′ 00″E
34° 33′ 30″N 138° 52′ 00″E
34° 33′ 30″N 138° 58′ 15″E

Light
Fl G 5s 5m 4M 34° 37′ 56″N 138° 13′ 20″E
Fl(2) G 6s 6m 4M 34° 38′ 04″N 138° 14′ 01″E
(NIMA; 7(294)98 Tokyo)

97159 6Ed. 8/3/91 LAST NM 20/99 25/99
Substitute Depth 16.5 meters Rk for 17.3 meters
(See 19/99-97159) 34° 36′ 24″N 138° 52′ 51″E
(19(799)99 Tokyo)

97159 6Ed. 8/3/91 LAST NM 25/99 30/99
Delete Solid line between 34° 37′ 55″N 138° 13′ 43″E
34° 38′ 04″N 138° 14′ 01″E

Light 34° 38′ 03″N 138° 14′ 01″E
(See 20/99-97159)
(11(489)98 Tokyo)

97159 6Ed. 8/3/91 LAST NM 30/99 33/99
Add Depth 5 meters 34° 36′ 23″N 138° 14′ 40″E
Depth 13.5 meters 34° 36′ 44″N 138° 15′ 42″E
(26(1145)99 Tokyo)

97159 6Ed. 8/3/91 LAST NM 33/99 37/99
Delete Depth 17 meters 34° 36.9′ N 138° 54.8′ E
Depth 32 meters 34° 36.7′ N 138° 56.2′ E
Depth 92 meters 34° 35.7′ N 138° 58.1′ E

Substitute Depth 19.9 meters Rk for 19.9 meters
34° 35.7′ N 138° 56.1′ E
Depth 34 meters for 40 meters 34° 35.3′ N 138° 53.5′ E
Depth 22 meters Rk for 53 meters 34° 35.2′ N 138° 57.3′ E
Depth 26.5 meters Rk for 36 meters
34° 34.4′ N 138° 54.7′ E
(See 19/99-97159)

Add Depth 26.5 meters Rk 34° 38.0′ N 138° 56.2′ E
Depth 17 meters 34° 36.7′ N 138° 56.1′ E
Depth 14.6 meters 34° 36.7′ N 138° 54.9′ E
Depth 80 meters 34° 35.8′ N 138° 58.0′ E
Depth 29.5 meters Rk 34° 35.1′ N 138° 55.0′ E
Depth 22 meters Rk 34° 34.5′ N 138° 57.2′ E
(30(1260)99 Tokyo)

97159 6Ed. 8/3/91 LAST NM 37/99 40/99
Add Danger circle "Obstn" 35° 01′ 58″N 138° 32′ 35″E
(34(1381)99 Tokyo)

97159 6Ed. 8/3/91 LAST NM 40/99 46/99
Substitute Depth 10.5 meters for 13.5 meters
34° 36′ 44″N 138° 15′ 42″E
(41(1694)99 Tokyo)

97159 6Ed. 8/3/91 LAST NM 46/99 52/99
Change Light to Fl R 3s 12m 6M 34° 46′ 26″N 138° 46′ 01″E
(45(1820)99 Tokyo)

97159 6Ed. 8/3/91 LAST NM 52/99 13/00
Add Solid line (breakwater) between
34° 47′ 00″N 138° 18′ 21″E
34° 47′ 11″N 138° 18′ 25″E
(31(1293)98 Tokyo)

97159 6Ed. 8/3/91 LAST NM 13/00 27/01
Delete Danger circle "wave meter" 35° 02′ 21″N 138° 31′ 28″E

Add Submarine cable [L30.1] between
35° 01′ 16″N 138° 32′ 05″E
35° 01′ 01″N 138° 31′ 44″E

Danger circle [K1] "wave meter"
35° 01′ 16″N 138° 32′ 05″E
(22(789, 790)01 Tokyo)

97159 6Ed. 8/3/91 LAST NM 27/01 35/01
Delete Depth 5 meters 34° 36′ 23″N 138° 14′ 40″E

Substitute Depth 14.2 meters for 19 meters
34° 35′ 37″N 138° 16′ 11″E
Depth 15.5 meters for 17.6 meters
34° 34′ 41″N 138° 13′ 51″E
Depth 7.7 meters for 8.3 meters
34° 36′ 38″N 138° 15′ 38″E
Depth 6 meters for 9.4 meters 34° 35′ 21″N 138° 14′ 44″E

Add Depth 6.5 meters 34° 36′ 03″N 138° 16′ 05″E
Depth 13.9 meters 34° 34′ 46″N 138° 15′ 24″E
Depth 4.2 meters 34° 36′ 24″N 138° 14′ 41″E
Depth 13.1 meters 34° 35′ 01″N 138° 14′ 29″E
Depth 8.4 meters 34° 36′ 16″N 138° 14′ 47″E
(17(595)01 Tokyo)

97159 6Ed. 8/3/91 LAST NM 35/01 39/01
Change Light to Iso G 6s 6M 34° 58′ 15″N 138° 46′ 36″E
(10(393)99 Tokyo)

97159 6Ed. 8/3/91 LAST NM 39/01 33/02
Change Visibility (range) of light to 16-13M
34° 39′ 06″N 138° 57′ 54″E

Light to Fl G 3s 6M 34° 40′ 09″N 138° 57′ 16″E
(6(171)02 Tokyo; Jpn LL)

97159 6Ed. 8/3/91 LAST NM 33/02 39/02
Add Wreck [K29] 34° 34′ 30″N 138° 17′ 00″E
(33(1151)02 Tokyo)

97159 6Ed. 8/3/91 LAST NM 39/02 7/03
Change Visibility (range) of light (Fl(2) R) to 5M
35° 04′ 44″N 138° 51′ 06″E
(51(1781)02 Tokyo)

97159 6Ed. 8/3/91 LAST NM 7/03 14/03
Delete Light 34° 39′ 51″N 138° 47′ 29″E

Add Light Fl(2) R 6s 17m 7M 34° 39′ 47″N 138° 46′ 54″E
(3(87)99 Tokyo; Jpn LL)

97159 6Ed. 8/3/91 LAST NM 14/03 16/03
Change Visibility (range) of light to 10M
35° 08′ 39″N 138° 41′ 24″E
Visibility (range) of light to 10M
35° 08′ 46″N 138° 41′ 18″E
(10(323)03 Tokyo)

97159 6Ed. 8/3/91 LAST NM 16/03 44/03
Change Visibility (range) of light to 7M
34° 44′ 57″N 138° 16′ 03″E
(37(1418)03 Tokyo)

97159 6Ed. 8/3/91 LAST NM 44/03 46/03
Change Light to Al Fl WR 16s 60m 20M,
Dir F WRG 64m 17-13M 34° 36′ 11″N 138° 50′ 41″E
(51(2017)99 Tokyo)

97159 6Ed. 8/3/91 LAST NM 46/03 52/03
Change Visibility (range) of light to 3M
35° 02′ 54″N 138° 53′ 47″E
Visibility (range) of light to 5M
35° 04′ 48″N 138° 51′ 04″E
(42(1573, 1574)03 Tokyo)

97159 6Ed. 8/3/91 LAST NM 52/03 34/04
Change Visibility (range) of light to 11M
34° 35′ 51″N 138° 15′ 38″E
(16(432)04 Tokyo)

97159 6Ed. 8/3/91 LAST NM 34/04 36/04
Change Light to Fl R 4s 13m 4M 34° 52′ 08″N 138° 19′ 45″E
(40(1630)99 Tokyo; Jpn LL)

97159 6Ed. 8/3/91 LAST NM 36/04 46/04
Delete Light 35° 02′ 17″N 138° 30′ 56″E
(38(977)04 Tokyo)

97159 6Ed. 8/3/91 LAST NM 46/04 7/05
Add Danger circle [K1] "Wave meter"
34° 46′ 39″N 138° 19′ 59″E
Position circle [E20] "Tr (abt 30)"
34° 47′ 29″N 138° 18′ 44″E

Submarine cable [L30.1] between
34° 46′ 39″N 138° 19′ 59″E
34° 47′ 42″N 138° 18′ 44″E
(50(1299)04 Tokyo)

97159 6Ed. 8/3/91 LAST NM 7/05 21/05
Change Light to Fl 5s 116m 22M with obscured sector
177°-346° 34° 41′ 26″N 138° 44′ 29″E
(3(60)05 Tokyo; Jpn LL)

97159 6Ed. 8/3/91 LAST NM 21/05 40/05
Add Wreck [K29] 34° 32′ 42″N 138° 18′ 12″E
(31(952)05 Tokyo)

97159 6Ed. 8/3/91 LAST NM 40/05 1/06
Change Light to Fl G 3s 14m 7M 34° 46′ 39″N 138° 18′ 20″E
(42(1245)05 Tokyo)

97159 6Ed. 8/3/91 LAST NM 1/06 11/06
Delete Light (Iso 4s) 34° 52′ 06″N 138° 19′ 42″E
(Jpn LL)

97159 6Ed. 8/3/91 LAST NM 11/06 27/06
Change Visibility (range) of light to 19M
34° 41′ 26″N 138° 44′ 29″E
(12(371)06 Tokyo)

97159 6Ed. 8/3/91 LAST NM 27/06 17/08
Change Light to Fl G 3s 5M 35° 01′ 31″N 138° 53′ 42″E
(49(1629)07 Tokyo)

97159 6Ed. 8/3/91 LAST NM 17/08 18/08
Add Fish haven symbol [K46.1] 34° 36′ 55″N 138° 13′ 49″E
(12(358)08 Tokyo)

97159 6Ed. 8/3/91 LAST NM 18/08 25/09
Change Light to Dir F WRG 14-10M 34° 39′ 06″N 138° 57′ 54″E
(Jpn LL)

97159 6Ed. 8/3/91 LAST NM 25/09 34/09
Change Light to Fl(2) G 6s 7m 3M 34° 38′ 04″N 138° 14′ 01″E
(21(884)09 Tokyo)

97159 6Ed. 8/3/91 LAST NM 34/09 37/09
Add Fish haven symbol [K46.1] 34° 56′ 00″N 138° 26′ 10″E
(24(1032)09 Tokyo)

97159 6Ed. 8/3/91 LAST NM 37/09 13/10
Change Visibility (range) of light to 4M
35° 01′ 40″N 138° 52′ 40″E
(8(309)10 Tokyo)

97159 6Ed. 8/3/91 LAST NM 13/10 15/10
Change Visibility (range) of light (Iso G) to 5M
34° 51′ 14″N 138° 19′ 53″E
(8(310)10 Tokyo)

97159 6Ed. 8/3/91 LAST NM 15/10 22/10
Change Visibility (range) of light to 8M
34° 49′ 43″N 138° 45′ 56″E
Visibility (range) of light to 5M
35° 01′ 14″N 138° 30′ 58″E
Visibility (range) of light to 4M
34° 36′ 52″N 138° 13′ 20″E
(13(495, 498, 499)10 Tokyo)

★**97163** 14Ed. 9/2/95 NEW EDITION 1/96
(DMA)

97163 14Ed. 9/2/95 LAST NM 1/96 18/96
Change Legend to "Lights in line 181° 24′ "
35° 01′ 00″N 138° 29′ 58″E
(Jpn LL)

97163 14Ed. 9/2/95 LAST NM 18/96 27/96
Substitute Light Fl Y 4s 4m 6M for
position circle "Y Lt" 35° 00′ 54.6″N 138° 30′ 46.8″E
(21(1003)96 Tokyo)

97163 14Ed. 9/2/95 LAST NM 27/96 11/99
Delete Depth
3.4 meters 34° 59′ 32″N 138° 30′ 09″E
7.8 meters 35° 01′ 17″N 138° 31′ 01″E
8.7 meters 35° 01′ 15″N 138° 31′ 13″E
8 meters 35° 01′ 12″N 138° 31′ 24″E
24 meters 35° 01′ 15″N 138° 31′ 26″E
9.8 meters 35° 01′ 09″N 138° 31′ 31″E
4.7 meters 35° 01′ 07″N 138° 31′ 37″E
6.1 meters 35° 01′ 05″N 138° 31′ 41″E
9.8 meters 35° 01′ 01″N 138° 31′ 46″E
11.8 meters 35° 00′ 39″N 138° 32′ 01″E
29 meters 35° 00′ 32″N 138° 32′ 00″E
17 meters 35° 00′ 29″N 138° 31′ 59″E

Substitute Depth 20 meters for 12.8 meters
35° 00′ 35″N 138° 32′ 00″E

Add Depth
0.9 meter 34° 59′ 32.1″N 138° 30′ 08.9″E
11.4 meters 35° 00′ 19.2″N 138° 30′ 09.2″E
2.7 meters 35° 01′ 16.4″N 138° 31′ 00.4″E
19.8 meters 35° 01′ 18.4″N 138° 31′ 04.9″E
3.6 meters 35° 01′ 15.4″N 138° 31′ 08.9″E
22.5 meters 35° 01′ 17.3″N 138° 31′ 13.1″E
15.9 meters 35° 01′ 14.6″N 138° 31′ 21.2″E
19.2 meters 35° 01′ 16.8″N 138° 31′ 22.4″E
18 meters 35° 01′ 19.3″N 138° 31′ 23.8″E
20.9 meters 35° 01′ 22.8″N 138° 31′ 25.0″E
24 meters 35° 01′ 21.9″N 138° 31′ 30.0″E
19 meters 35° 01′ 17.4″N 138° 31′ 27.4″E
17.3 meters 35° 01′ 15.2″N 138° 31′ 26.3″E
1.1 meters 35° 01′ 11.4″N 138° 31′ 24.7″E
19.6 meters 35° 01′ 11.2″N 138° 31′ 29.1″E
3.4 meters 35° 01′ 08.6″N 138° 31′ 31.8″E
2 meters 35° 01′ 06.8″N 138° 31′ 34.8″E
0.9 meter 35° 01′ 02.8″N 138° 31′ 42.8″E
12.4 meters 35° 01′ 02.7″N 138° 31′ 47.1″E
21 meters 35° 01′ 00.9″N 138° 31′ 52.2″E
17.5 meters 35° 00′ 57.9″N 138° 31′ 55.9″E
9.5 meters 35° 00′ 54.7″N 138° 31′ 58.8″E
32 meters 35° 00′ 56.2″N 138° 32′ 03.1″E
4.6 meters 35° 00′ 50.0″N 138° 32′ 01.5″E
13.4 meters 35° 00′ 46.0″N 138° 32′ 03.0″E
31 meters 35° 00′ 42.3″N 138° 32′ 03.8″E
49 meters 35° 00′ 38.9″N 138° 32′ 04.0″E
34 meters 35° 00′ 35.1″N 138° 32′ 02.0″E
58 meters 35° 00′ 33.9″N 138° 32′ 03.0″E
0.8 meter 35° 00′ 33.7″N 138° 31′ 59.0″E
16.2 meters 35° 00′ 31.5″N 138° 31′ 59.3″E
10.2 meters 35° 00′ 28.8″N 138° 31′ 56.4″E
39 meters 35° 00′ 28.0″N 138° 31′ 58.9″E
6 meters 35° 00′ 26.6″N 138° 31′ 52.9″E
(Jpn CH 89)

97163 14Ed. 9/2/95 LAST NM 11/99 40/99
Add Danger circle "Obstn" 35° 01′ 58.0″N 138° 32′ 35.0″E
(34(1381)99 Tokyo)

97163 14Ed. 9/2/95 LAST NM 40/99 52/99
Delete Dashed line and legend "Harbor Limit"
between 35° 02′ 17.9″N 138° 30′ 56.5″E
35° 01′ 16.1″N 138° 30′ 56.5″E

Add Dashed line with legend "Harbor Limit" [N49]
between 35° 00′ 57.2″N 138° 31′ 52.2″E
35° 03′ 09.4″N 138° 31′ 38.4″E

Dashed line (fairway limit) [N1] between
35° 01′ 30.1″N 138° 30′ 56.7″E
35° 01′ 39.9″N 138° 31′ 47.8″E

Dashed line (fairway limit) [N1] between
35° 01′ 20.7″N 138° 30′ 56.9″E
35° 01′ 30.7″N 138° 31′ 48.7″E
(45(1821)99 Tokyo)

97163 14Ed. 9/2/95 LAST NM 52/99 27/01
Delete Danger circle "wave meter" 35° 02′ 20.7″N 138° 31′ 27.8″E
Position circle "Tr Lt" 35° 02′ 20.0″N 138° 31′ 22.9″E

Submarine cable between 35° 02′ 20.7″N 138° 31′ 27.8″E
35° 02′ 20.0″N 138° 31′ 22.9″E

Add Submarine cable [L30.1] between
35° 01′ 15.9″N 138° 32′ 05.3″E
35° 01′ 00.7″N 138° 31′ 44.2″E

Danger circle [K1] "wave meter"
35° 01′ 15.9″N 138° 32′ 05.3″E
(22(789, 790)01 Tokyo)

97163 14Ed. 9/2/95 LAST NM 27/01 39/01
Change Light to Fl R 3s 9m 6M 35° 01′ 05.1″N 138° 29′ 45.7″E
(Jpn LL)

97163 14Ed. 9/2/95 LAST NM 39/01 23/02
Add Depth 10.4 meters 35° 00′ 10.2″N 138° 29′ 53.2″E
Depth 4.5 meters 35° 00′ 08.8″N 138° 29′ 51.6″E
(16(580)02 Tokyo)

97163 14Ed. 9/2/95 LAST NM 23/02 14/03
Delete Light 35° 01′ 05.1″N 138° 29′ 45.7″E
Light 35° 02′ 19.0″N 138° 31′ 24.0″E

Add Light Fl R 3s 9m 6M 35° 01′ 02.3″N 138° 29′ 49.8″E
Light Iso G 8s 6m 3M 35° 02′ 19.8″N 138° 31′ 26.7″E

Double solid line with land tint (breakwater extension) between 35° 02′ 18.8″N 138° 31′ 24.5″E
35° 02′ 20.1″N 138° 31′ 26.8″E
Double dashed line (groin) [F6.3] with legend "Under construction" between
35° 02′ 26.9″N 138° 31′ 14.0″E
35° 02′ 18.9″N 138° 31′ 00.9″E

Solid line (groin) [F6.1] joining
35° 02′ 45.9″N 138° 31′ 00.6″E
35° 02′ 31.8″N 138° 31′ 13.6″E
35° 02′ 28.2″N 138° 31′ 13.0″E
35° 02′ 26.7″N 138° 31′ 14.2″E
Solid line (groin) [F6.1] joining
35° 02′ 18.7″N 138° 31′ 01.1″E
35° 02′ 19.7″N 138° 31′ 00.3″E
35° 02′ 17.6″N 138° 30′ 57.0″E

Legend "Being Reclaimed (2003)"
35° 02′ 30.0″N 138° 31′ 06.0″E

Submarine cable [L30.1] between
35° 00′ 29.4″N 138° 29′ 51.1″E
35° 00′ 29.4″N 138° 30′ 09.2″E
(41(1671)99, 41(1468)00, 26(981)01, 13(442), 5(151)03, 7(224)03 Tokyo)

97163 14Ed. 9/2/95 LAST NM 14/03 36/03
Add Position circle "Y Lt" 35° 02′ 26.7″N 138° 31′ 14.2″E
Position circle "Y Lt" 35° 02′ 18.7″N 138° 31′ 01.1″E
(18(677)03 Tokyo)

97163 14Ed. 9/2/95 LAST NM 36/03 11/04
Add Buoy Y, spar, (Y Lt) 35° 01′ 56.4″N 138° 31′ 08.6″E
Buoy Y, conical, (Y Lt) 35° 02′ 18.5″N 138° 31′ 00.1″E

Danger circle [K1] "Wave meter"
35° 01′ 56.2″N 138° 31′ 09.4″E
Danger circle [K1] "Wave meter"
35° 02′ 18.1″N 138° 31′ 00.4″E
(1(3)04 Tokyo)

97163 14Ed. 9/2/95 LAST NM 11/04 46/04
Delete Light 35° 02′ 17.5″N 138° 30′ 57.0″E
(38(977)04 Tokyo)

97163 14Ed. 9/2/95 LAST NM 46/04 12/06
Delete Dashed line and legend "Harbor Limit" between 35° 00′ 57.2″N 138° 31′ 52.2″E
35° 03′ 09.4″N 138° 31′ 38.4″E

Add Dashed line with legend "Harbor Limit" [N49] between 35° 00′ 57.3″N 138° 31′ 52.0″E
35° 03′ 20.3″N 138° 32′ 01.1″E

Dashed line (fairway limit) [N1.1] between
35° 01′ 39.9″N 138° 31′ 47.8″E
35° 01′ 41.3″N 138° 31′ 54.8″E

Dashed line (fairway limit) [N1.1] between
35° 01′ 30.7″N 138° 31′ 48.7″E
35° 01′ 31.7″N 138° 31′ 54.2″E
(5(126)06 Tokyo)

97163 14Ed. 9/2/95 LAST NM 12/06 22/08
Add "Being reclaimed (2008)" area [F31] bound by shore and solid line joining 35° 02′ 51.0″N 138° 31′ 09.0″E
35° 02′ 43.0″N 138° 31′ 16.4″E
35° 02′ 37.7″N 138° 31′ 08.1″E
(5(156)08 Tokyo)

97163 14Ed. 9/2/95 LAST NM 22/08 52/09
Change Visibility (range) of light to 10M
35° 01′ 25.5″N 138° 29′ 56.8″E

Period of light to 14s 35° 01′ 33.5″N 138° 29′ 58.9″E
Period of light to 14s 35° 01′ 18.5″N 138° 29′ 53.3″E
(3(54), 50(1682)07 Tokyo)

97163 14Ed. 9/2/95 LAST NM 52/09 22/10
Change Visibility (range) of light to 5M
35° 01′ 14.0″N 138° 30′ 58.0″E
(13(498)10 Tokyo)

★97164 1Ed. 5/18/91 NEW CHART 29/91
(DMAHTC)

97164 1Ed. 5/18/91 LAST NM 29/91 50/91
Change Period of light to 7s 35° 02.1′ N 138° 53.2′ E
(43(1556)91 Tokyo)

97164 1Ed. 5/18/91 LAST NM 50/91 20/92
Change Light to Fl R 4s 11m 11M 34° 54.7′ N 138° 47.1′ E
(11(370)92 Tokyo)

97164 1Ed. 5/18/91 LAST NM 20/92 29/93
Change Light to Iso 6s 11m 11M 35° 01.2′ N 138° 31.0′ E
(14(542)93 Tokyo)

97164 1Ed. 5/18/91 LAST NM 29/93 31/93
Change Light to Fl R 3s 7m 7M 35° 02.6′ N 138° 53.9′ E
(19(725)93 Tokyo)

97164 1Ed. 5/18/91 LAST NM 31/93 11/96
Add Light Fl R 4s 8m 6M 35° 03′ 28″N 138° 52′ 41″E
(5(188)96 Tokyo)

97164 1Ed. 5/18/91 LAST NM 11/96 27/96
Add Light Fl Y 4s 6M 35° 00′ 54″N 138° 30′ 45″E
(21(1003)96 Tokyo)

97164 1Ed. 5/18/91 LAST NM 27/96 12/99
Substitute Depth 8.8 meters Rk for 13.1 meters
35° 02′ 16″N 138° 53′ 41″E

Add Fish haven symbol 35° 05′ 01″N 138° 50′ 45″E
35° 04′ 35″N 138° 49′ 56″E
35° 02′ 13″N 138° 53′ 17″E
35° 01′ 43″N 138° 53′ 07″E
35° 01′ 41″N 138° 53′ 28″E
35° 01′ 25″N 138° 49′ 57″E
35° 01′ 24″N 138° 50′ 04″E
35° 01′ 34″N 138° 47′ 51″E
34° 59′ 02″N 138° 46′ 01″E

Depth
4.9 meters 35° 02′ 56″N 138° 54′ 07″E
5.9 meters 35° 02′ 49″N 138° 54′ 05″E
1.6 meters 35° 02′ 50″N 138° 54′ 16″E
0.8 meter 35° 00′ 54″N 138° 50′ 51″E

Double solid line with land tint (detached breakwater) between 35° 03′ 15″N 138° 52′ 17″E
35° 03′ 03″N 138° 52′ 24″E
(Jpn CH 82)

97164 1Ed. 5/18/91 LAST NM 12/99 40/99
Add Danger circle "Obstn" 35° 01′ 58.0″N 138° 32′ 35.0″E
(34(1381)99 Tokyo)

97164 1Ed. 5/18/91 LAST NM 40/99 52/99
Delete Dashed line and legend "Harbor Limit" between 35° 02′ 17.9″N 138° 30′ 56.5″E
35° 01′ 16.1″N 138° 30′ 56.5″E

Add Dashed line with legend "Harbor Limit" [N49] between 35° 00′ 57.2″N 138° 31′ 52.2″E
35° 03′ 09.4″N 138° 31′ 38.4″E

Dashed line (fairway limit) [N1] between
35° 01′ 30.1″N 138° 30′ 56.7″E
35° 01′ 39.9″N 138° 31′ 47.8″E

(continued on next page)

97164 (Continued) 52/99
Dashed line (fairway limit) [N1] between
35° 01′ 20.7″N 138° 30′ 56.9″E
35° 01′ 30.7″N 138° 31′ 48.7″E
(45(1821)99 Tokyo)

97164 1Ed. 5/18/91 LAST NM 52/99 27/01
Add Submarine cable [L30.1] between
35° 01′ 15.9″N 138° 32′ 05.3″E
35° 01′ 00.7″N 138° 31′ 44.2″E

Danger circle [K1] "wave meter"
35° 01′ 15.9″N 138° 32′ 05.3″E
(22(789)01 Tokyo)

97164 1Ed. 5/18/91 LAST NM 27/01 39/01
Change Light to Iso G 6s 10m 6M 34° 58′ 15.0″N 138° 46′ 36.0″E
Light to Fl R 3s 9m 6M 35° 01′ 05.1″N 138° 29′ 45.7″E
(10(393)99 Tokyo; Jpn LL)

97164 1Ed. 5/18/91 LAST NM 39/01 7/03
Change Light to Fl(2) R 6s 9m 5M 35° 04′ 43.7″N 138° 51′ 06.2″E
(51(1781)02 Tokyo)

97164 1Ed. 5/18/91 LAST NM 7/03 14/03
Relocate Light from 35° 01′ 05.1″N 138° 29′ 45.7″E to
35° 01′ 02.3″N 138° 29′ 49.8″E

Change Light to Iso G 8s 6m 3M 35° 02′ 19.8″N 138° 31′ 26.7″E
(41(1671)99, 13(442)02 Tokyo)

97164 1Ed. 5/18/91 LAST NM 14/03 16/03
Change Visibility (range) of light to 10M
35° 08′ 45.8″N 138° 41′ 18.0″E
Visibility (range) of light to 10M
35° 08′ 39.1″N 138° 41′ 23.9″E
(10(323)03 Tokyo)

97164 1Ed. 5/18/91 LAST NM 16/03 52/03
Change Visibility (range) of light to 3M
35° 02′ 54.0″N 138° 53′ 47.0″E

Light to Iso G 4s 14m 5M 35° 04′ 48.0″N 138° 51′ 03.7″E
(42(1573, 1574)03 Tokyo)

97164 1Ed. 5/18/91 LAST NM 52/03 46/04
Delete Light 35° 02′ 17.5″N 138° 30′ 57.0″E
(38(977)04 Tokyo)

97164 1Ed. 5/18/91 LAST NM 46/04 12/06
Delete Dashed line and legend "Harbor Limit"
between 35° 00′ 57.2″N 138° 31′ 52.2″E
35° 03′ 09.4″N 138° 31′ 38.4″E

Add Dashed line with legend "Harbor Limit" [N49]
between 35° 00′ 57.3″N 138° 31′ 52.0″E
35° 03′ 20.3″N 138° 32′ 01.1″E

Purple dashed line (fairway limit) [N1.2]
between 35° 01′ 39.9″N 138° 31′ 47.8″E
35° 01′ 41.3″N 138° 31′ 54.8″E

Purple dashed line (fairway limit) [N1.2]
between 35° 01′ 30.7″N 138° 31′ 48.7″E
35° 01′ 31.7″N 138° 31′ 54.2″E
(5(126)06 Tokyo)

97164 1Ed. 5/18/91 LAST NM 12/06 17/08
Change Light to Fl G 3s 5M 35° 01′ 31.0″N 138° 53′ 42.0″E
(49(1629)07 Tokyo)

97164 1Ed. 5/18/91 LAST NM 17/08 52/09
Change Visibility (range) of light to 10M
35° 01′ 26.0″N 138° 29′ 56.0″E

Period of light to 14s 35° 01′ 33.5″N 138° 29′ 58.0″E
Period of light to 14s 35° 01′ 18.5″N 138° 29′ 52.0″E
(3(54), 50(1682)07 Tokyo)

97164 1Ed. 5/18/91 LAST NM 52/09 13/10
Change Visibility (range) of light to 4M
35° 01′ 40.0″N 138° 52′ 40.0″E
(8(309)10 Tokyo)

97164 1Ed. 5/18/91 LAST NM 13/10 22/10
Change Visibility (range) of light to 5M
35° 01′ 14.0″N 138° 30′ 58.0″E
(13(498)10 Tokyo)

★97165 1Ed. 9/14/91 NEW CHART 46/91
(DMAHTC)

97165 1Ed. 9/14/91 LAST NM 46/91 7/95
(Plan A)
Delete Double solid line and land tint
(breakwater)
between 35° 08′ 20.4″N 138° 41′ 31.5″E
35° 08′ 21.1″N 138° 41′ 30.6″E

between 35° 08′ 19.8″N 138° 41′ 32.2″E
35° 08′ 19.1″N 138° 41′ 33.6″E

Add Double solid line with land tint
(breakwater) 10 meters wide
on centerline
joining 35° 08′ 21.4″N 138° 41′ 30.6″E
35° 08′ 22.2″N 138° 41′ 32.8″E
35° 08′ 21.5″N 138° 41′ 33.9″E

between 35° 08′ 20.2″N 138° 41′ 35.9″E
35° 08′ 20.9″N 138° 41′ 34.9″E
(2(52)95 Tokyo)

97165 1Ed. 9/14/91 LAST NM 7/95 12/99
(Plan B)
Add Fish haven symbol 35° 05′ 00.6″N 138° 50′ 45.4″E
(Jpn CH 82)

97165 1Ed. 9/14/91 LAST NM 12/99 7/03
(Plan B)
Change Light to Fl(2) R 6s 9m 5M 35° 04′ 43.7″N 138° 51′ 06.2″E
(51(1781)02 Tokyo)

97165 1Ed. 9/14/91 LAST NM 7/03 16/03
(Plan A)
Delete Light 35° 08′ 45.8″N 138° 41′ 18.0″E

Dashed line between 35° 08′ 45.8″N 138° 41′ 18.0″E
35° 08′ 44.7″N 138° 41′ 19.0″E

Change Visibility (range) of light to 10M
35° 08′ 39.1″N 138° 41′ 23.9″E

Add Range light, rear FG 27m 10M
35° 08′ 44.7″N 138° 41′ 19.0″E
(10(323)03 Tokyo)

97165 1Ed. 9/14/91 LAST NM 16/03 52/03
(Plan B)
Change Light to Iso G 4s 14m 5M 35° 04′ 48.0″N 138° 51′ 03.7″E
(42(1574)03 Tokyo)

97165 1Ed. 9/14/91 LAST NM 52/03 9/06
(Plan B)
Add Legend "Lesser depths rep" between
35° 04′ 41.9″N 138° 51′ 03.3″E
35° 04′ 37.7″N 138° 51′ 01.5″E
(48(1456)05 Tokyo)

97165 1Ed. 9/14/91 LAST NM 9/06 15/06
(Plan B)
Add Danger circle "Obstn" [K40]
35° 04′ 50.0″N 138° 51′ 06.8″E
Danger circle "Obstn" [K40]
35° 04′ 49.2″N 138° 51′ 08.3″E
(7(219)06 Tokyo)

97165 1Ed. 9/14/91 LAST NM 15/06 31/06
(Plan A)
Add Chartlet, depicting changes in hydrography and
topography, from Subsection I-2
35° 08′ 27.0″N 138° 41′ 47.0″E
(10(292)06 Tokyo; Jpn CH W98)

97165 1Ed. 9/14/91 LAST NM 31/06 12/07
(Plan B)
Add Chartlet, depicting changes in hydrography, topography and aids to navigation, from Subsection I-2 35° 04′ 54.0″N 138° 51′ 06.0″E
(22(655)06 Tokyo)

★97166 2Ed. 9/6/08 NEW EDITION N43/08
(NGA)

97166 2Ed. 9/6/08 LAST NM N43/08 N37/10
Change Visibility (range) of light to 4M
34° 39′ 18″N 138° 58′ 08″E
(21(854)10 Tokyo)

★97167 3Ed. 12/8/07 NEW EDITION 10/08
(NGA)

97167 3Ed. 12/8/07 LAST NM 10/08 25/09
Change Light to Dir F WRG 32m 14-10M
34° 39′ 06.0″N 138° 57′ 54.0″E
(Jpn LL)

97167 3Ed. 12/8/07 LAST NM 25/09 37/10
Change Visibility (range) of light to 4M
34° 39′ 18.0″N 138° 58′ 08.0″E
(21(854)10 Tokyo)

★97168 (INT 5303) 1Ed. 9/22/10 NEW CHART N21/11
(NGA)

★97171 1Ed. 4/21/11 NEW CHART N52/11
(NGA)

★97172 (INT 5305) 1Ed. 9/22/10 NEW CHART N21/11
(NGA)

★97173 1Ed. 4/21/11 NEW CHART N49/11
(NGA)

★97180 7Ed. 11/14/09 NEW EDITION N5/10
(NGA)

97180 7Ed. 11/14/09 LAST NM N5/10 N15/10
Change Visibility (range) of light to 5M
34° 51′ 14″N 138° 19′ 53″E
(8(310)10 Tokyo)

97180 7Ed. 11/14/09 LAST NM N15/10 N38/10
Change Visibility (range) of light to 10/6M
35° 00′ 34″N 136° 48′ 06″E

Light to Iso G 4M 34° 51′ 18″N 136° 37′ 06″E
Light to Iso G 4M 34° 39′ 40″N 136° 33′ 00″E
(17(689, 691, 692)10 Tokyo)

97180 7Ed. 11/14/09 LAST NM N38/10 N30/11
Add Light Fl R 4M 34° 16′ 31″N 136° 34′ 45″E
(Jpn LL)

★97183 9Ed. 3/21/98 CHART CANCELED 16/13
(NGA)

★97187 3Ed. 2/14/98 NEW EDITION 22/98
Delete Buoys (11) joining 34° 56′ 36″N 136° 40′ 12″E
34° 56′ 07″N 136° 40′ 08″E
34° 56′ 07″N 136° 39′ 13″E

Relocate Buoy
"1" close SW to 34° 59′ 04.1″N 136° 42′ 16.8″E
"3" close NW 34° 59′ 16.2″N 136° 42′ 04.0″E
"5" close W 34° 59′ 13.6″N 136° 41′ 21.0″E

Change Legend to
"Oil SEE CAUTION 2" 34° 57′ 27″N 136° 41′ 10″E
"Oil SEE CAUTION 2" 34° 55′ 57″N 136° 40′ 23″E
"Oil SEE CAUTION 2" 34° 55′ 54″N 136° 40′ 48″E
"Oil SEE CAUTION 2" 34° 55′ 52″N 136° 40′ 44″E
"Gas SEE CAUTION 2" 34° 59′ 41″N 136° 40′ 58″E

Light to Mo(U) 14s 38m 17M 34° 55′ 36″N 136° 44′ 24″E

Superbuoy SBM to
"Cosmo Sea-Berth" Y, Mo(U) 8s 10M
HORN Ra Ref 34° 57′ 00″N 136° 42′ 38″E
"2" Y, Mo(U) 12s 9M HORN Ra Ref
34° 55′ 52″N 136° 41′ 31″E

Add Buoy Y, pillar, (Y Lt) 34° 56′ 43.0″N 136° 39′ 54.2″E

Purple dashed line (passage limit)
joining 34° 59′ 32.5″N 136° 41′ 19.5″E
34° 59′ 35.5″N 136° 42′ 11.6″E
34° 59′ 12.2″N 136° 42′ 30.0″E
34° 59′ 04.1″N 136° 42′ 16.8″E
34° 59′ 14.0″N 136° 42′ 07.8″E
34° 59′ 16.2″N 136° 42′ 04.0″E
34° 59′ 13.6″N 136° 41′ 21.0″E
34° 59′ 32.5″N 136° 41′ 19.5″E

Legend "Passage 3" 34° 59′ 22.5″N 136° 41′ 50.0″E
Legend "Mo(U) 14s 38m 17M" at light
34° 55′ 36.1″N 136° 44′ 26.6″E

Ra Ref to superbuoy SBM
"Syowayokkati Sea-Berth 1"
34° 55′ 49.7″N 136° 42′ 10.4″E
(NIMA; 43(1883)97, 11(490)98 Tokyo; Jpn LL)

97187 3Ed. 2/14/98 LAST NM 22/98 30/98
Change Light to
Mo(U) 8s 7M HORN 34° 55′ 44″N 136° 44′ 26″E
Mo(U) 8s 7M 34° 55′ 40″N 136° 44′ 26″E
Mo(U) 8s 7M 34° 55′ 33″N 136° 44′ 26″E
Mo(U) 8s 7M HORN 34° 55′ 28″N 136° 44′ 26″E
(Jpn LL)

97187 3Ed. 2/14/98 LAST NM 30/98 52/98
Delete Beacons "1", "2", "3", "4", "5", "6", "7", "8" and "10" between 34° 59′ 54″N 136° 41′ 09″E
35° 00′ 22″N 136° 40′ 36″E

Add Buoys, each G, pillar, can topmark
"1" Fl(2) G 6s 34° 59′ 54.7″N 136° 41′ 09.8″E
"3" Fl G 3s 35° 00′ 06.0″N 136° 40′ 39.6″E

Buoys, each R, pillar, cone topmark
"2" Fl(2) R 6s 34° 59′ 59.6″N 136° 41′ 12.3″E
"4" Fl R 3s 35° 00′ 12.4″N 136° 40′ 39.1″E
(46(2001)97 Tokyo)

97187 3Ed. 2/14/98 LAST NM 52/98 7/99
Delete Designation "7" from buoy 34° 56′ 51″N 136° 38′ 53″E
(48(2079)97 Tokyo)

97187 3Ed. 2/14/98 LAST NM 7/99 26/99
Delete Land tint area, dashed line and legend "Under constr" in vicinity 35° 00′ 21″N 136° 40′ 25″E

Dashed line between 35° 00′ 14″N 136° 40′ 34″E
35° 00′ 19″N 136° 40′ 17″E

Legend "5.5m (1996)" 35° 00′ 17″N 136° 40′ 32″E

Add Double solid line with land tint (pier extension) between 35° 00′ 21.9″N 136° 40′ 27.5″E
35° 00′ 20.8″N 136° 40′ 22.5″E

Dashed line (dredged area limit) joining
35° 00′ 14.5″N 136° 40′ 34.6″E
35° 00′ 19.0″N 136° 40′ 34.0″E
35° 00′ 21.2″N 136° 40′ 27.6″E
35° 00′ 18.8″N 136° 40′ 22.9″E

Legend "5.5m (1997)" 35° 00′ 20.0″N 136° 40′ 34.0″E
(10(419)98 Tokyo)

97187 3Ed. 2/14/98 LAST NM 26/99 29/99
Delete Buoy "12" 34° 59′ 45.8″N 136° 40′ 03.0″E

Change Designation of buoy "5" to "7"
34° 59′ 13.6″N 136° 41′ 21.0″E
Designation of buoy "6" to "8"
34° 59′ 32.4″N 136° 41′ 19.4″E
Designation of buoy "7" to "9"
34° 59′ 12.0″N 136° 40′ 48.9″E

(continued on next page)

97187 (Continued) 29/99
Designation of buoy "8" to "10"
34° 59′ 30.7″N 136° 40′ 46.7″E
Designation of buoy "10" to "12"
34° 59′ 39.2″N 136° 40′ 21.1″E

Buoy to "6" R, pillar, cone topmark, Fl R 3s
34° 59′ 33.8″N 136° 41′ 42.0″E
(12(510)98 Tokyo)

97187 3Ed. 2/14/98 LAST NM 26/99 30/99
Delete Designation "5" from buoy 34° 58′ 00.0″N 136° 39′ 38.7″E
(12(534)98 Tokyo)

97187 3Ed. 2/14/98 LAST NM 30/99 39/01
Delete Light 34° 55′ 36.5″N 136° 44′ 24.5″E
(Jpn LL)

97187 3Ed. 2/14/98 LAST NM 39/01 46/01
Delete "PROHIBITED AREA" in vicinity
34° 59′ 53.0″N 136° 40′ 27.0″E

Solid line between 34° 59′ 55.0″N 136° 39′ 47.0″E
34° 59′ 47.0″N 136° 39′ 48.0″E

Position circle "Tr" 35° 00′ 07.0″N 136° 40′ 34.0″E
Position circle "Tr" 34° 59′ 46.0″N 136° 40′ 23.0″E
Position circle "Tr" 34° 59′ 45.0″N 136° 40′ 18.0″E

Purple composite line joining
34° 59′ 03.0″N 136° 41′ 22.8″E
34° 59′ 05.0″N 136° 41′ 28.6″E
34° 58′ 59.0″N 136° 41′ 31.3″E
34° 58′ 57.0″N 136° 41′ 25.5″E

Purple composite line joining
34° 59′ 00.0″N 136° 41′ 12.0″E
34° 59′ 00.6″N 136° 41′ 02.2″E
34° 58′ 57.1″N 136° 41′ 01.5″E
34° 58′ 51.9″N 136° 40′ 45.0″E
34° 58′ 46.4″N 136° 40′ 48.8″E
34° 58′ 50.1″N 136° 41′ 01.4″E
34° 58′ 44.5″N 136° 41′ 01.0″E
34° 58′ 43.5″N 136° 41′ 20.0″E
34° 58′ 56.0″N 136° 41′ 21.5″E

Legend "PROHIBITED AREA"
34° 58′ 50.0″N 136° 41′ 12.0″E
"PROHIBITED AREA" in vicinity
34° 58′ 39.0″N 136° 40′ 36.0″E

Buoy 34° 59′ 02.7″N 136° 41′ 18.5″E
Buoy 34° 58′ 56.1″N 136° 40′ 56.2″E
Position circle "(Y Lt) Tr" 34° 58′ 59.0″N 136° 41′ 08.6″E
Position circle "(Y Lt) Tr" 34° 58′ 52.0″N 136° 40′ 45.0″E
Position circle "(Y Lt)" 34° 58′ 46.0″N 136° 40′ 34.5″E

Substitute Dashed line with legend "Ruins" (jetty removal site) for solid line joining 35° 00′ 34.0″N 136° 41′ 57.1″E
35° 00′ 34.4″N 136° 42′ 00.0″E
35° 00′ 33.8″N 136° 42′ 01.0″E
35° 00′ 34.0″N 136° 42′ 01.6″E
35° 00′ 36.0″N 136° 42′ 00.6″E
35° 00′ 35.8″N 136° 41′ 59.4″E
35° 00′ 34.9″N 136° 41′ 59.8″E
35° 00′ 34.3″N 136° 41′ 57.0″E

Solid line for dashed line in vicinity
34° 59′ 58.0″N 136° 40′ 12.0″E
and delete legend "Under construction (1997)"

Change Light to Fl(2) 6s 11m 6M 35° 01′ 27.0″N 136° 42′ 38.0″E

Visibility (range) of light to 10M
34° 59′ 58.0″N 136° 43′ 11.0″E
Characteristic of buoy to Mo(A) 8s
34° 58′ 39.0″N 136° 43′ 20.0″E

Add Solid line (breakwater) between
34° 56′ 45.2″N 136° 39′ 38.8″E
34° 56′ 44.7″N 136° 39′ 38.8″E

Position circle "Tr" 34° 56′ 45.2″N 136° 39′ 38.8″E

Purple composite line between
34° 59′ 03.2″N 136° 41′ 22.8″E
34° 58′ 57.1″N 136° 41′ 25.5″E

Purple composite line joining
34° 59′ 00.0″N 136° 41′ 12.0″E
34° 58′ 59.0″N 136° 41′ 07.9″E
34° 58′ 54.3″N 136° 41′ 10.0″E
34° 58′ 54.5″N 136° 41′ 14.8″E
34° 58′ 56.2″N 136° 41′ 21.5″E

Legend "PROHIB AREA" 34° 58′ 58.0″N 136° 41′ 21.0″E

Dashed line joining 34° 58′ 54.5″N 136° 41′ 09.0″E
34° 58′ 51.5″N 136° 41′ 09.0″E
34° 58′ 51.5″N 136° 41′ 14.0″E
34° 58′ 54.5″N 136° 41′ 14.0″E

Position circle "Y Lt" 34° 58′ 54.5″N 136° 41′ 09.0″E
Position circle "Y Lt" 34° 58′ 49.0″N 136° 41′ 09.0″E
Position circle "Y Lt" 34° 58′ 51.5″N 136° 41′ 12.0″E
Position circle "Y Lt" 34° 58′ 51.5″N 136° 41′ 11.0″E
Position circle "Y Lt" 34° 58′ 51.5″N 136° 41′ 21.0″E
Position circle "Y Lt" 34° 58′ 51.5″N 136° 41′ 14.0″E
Position circle "Y Lt" 34° 58′ 49.0″N 136° 41′ 14.0″E
Position circle "Y Lt" 34° 58′ 54.5″N 136° 41′ 14.0″E
Position circle "Y Lt" 34° 58′ 54.5″N 136° 41′ 12.0″E
Position circle "Y Lt" 34° 58′ 54.5″N 136° 41′ 11.0″E
(24(1010), 38(1578)98, 11(446), 21(897)99, 6(207), 10(341), 14(490)01 Tokyo)

97187 3Ed. 2/14/98 LAST NM 46/01 44/02
Add Danger circle "Wave meter" [K1]
34° 55′ 12.1″N 136° 44′ 25.5″E

Submarine cable [L30.1] between
34° 55′ 12.1″N 136° 44′ 25.5″E
34° 55′ 28.0″N 136° 44′ 25.4″E
(37(1280)02 Tokyo)

97187 3Ed. 2/14/98 LAST NM 44/02 48/02
Delete Buoy "3" 34° 57′ 20.0″N 136° 39′ 02.0″E
Buoy "2" 34° 57′ 12.0″N 136° 39′ 05.0″E
Buoy "1" 34° 57′ 03.2″N 136° 39′ 08.0″E

Add Depth 11.4 meters 34° 57′ 02.7″N 136° 39′ 09.7″E
(42(1733)98 Tokyo)

97187 3Ed. 2/14/98 LAST NM 48/02 9/03
Add Legend "Lesser depth rep (2003)"
34° 59′ 37.5″N 136° 40′ 12.0″E
(2(61)03 Tokyo)

97187 3Ed. 2/14/98 LAST NM 9/03 18/03
Substitute Beacon "1" G, can topmark, Fl(2) G 6s 9m 5M for buoy "1"
34° 57′ 56.0″N 136° 40′ 59.0″E
Beacon "2" R, cone topmark, Fl(2) R 6s 9m 5M for buoy "2"
34° 58′ 09.0″N 136° 41′ 01.0″E
(12(410)03 Tokyo)

97187 3Ed. 2/14/98 LAST NM 18/03 2/04
Add Chartlet A, depicting changes in hydrography, topography and aids to navigation, from Subsection I-2 34° 59′ 33.0″N 136° 40′ 12.0″E
Chartlet B, depicting changes in hydrography and aids to navigation, from Subsection I-2 34° 59′ 24.0″N 136° 41′ 45.0″E
Chartlet C, depicting changes in hydrography and aids to navigation, from Subsection I-2 34° 58′ 02.0″N 136° 40′ 39.0″E
(9(295), 12(410)03 Tokyo; Jpn CH W94)

97187 3Ed. 2/14/98 LAST NM 2/04 16/04
Delete Purple composite line joining
34° 58′ 58.0″N 136° 41′ 01.5″E
34° 58′ 59.0″N 136° 41′ 01.9″E
34° 58′ 59.5″N 136° 41′ 08.2″E

Purple composite line joining
34° 58′ 58.2″N 136° 41′ 25.0″E
34° 58′ 58.3″N 136° 41′ 29.0″E
34° 58′ 58.2″N 136° 41′ 29.2″E
34° 58′ 58.0″N 136° 41′ 28.5″E
(See 2/04-97187)

Add Purple composite line (prohibited area) [N2.2] between 34° 58′ 58.0″N 136° 41′ 08.5″E
34° 58′ 59.5″N 136° 41′ 08.2″E

Purple composite line (prohibited area) [N2.2] between 34° 58′ 58.0″N 136° 41′ 25.2″E
34° 58′ 58.2″N 136° 41′ 25.0″E
(Jpn CH W94)

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97187 3Ed. 2/14/98 LAST NM 16/04 1/05
Add Depth 4.8 meters, blue tint and enclosing depth contour (5-meter) centered 34° 59′ 42.9″N 136° 39′ 28.6″E
Depth 3.3 meters, blue tint and enclosing depth contour (5-meter) centered 34° 59′ 39.2″N 136° 39′ 23.3″E
(46(1201)04 Tokyo)

97187 3Ed. 2/14/98 LAST NM 1/05 12/06
Delete Buoy 34° 59′ 35.0″N 136° 40′ 34.0″E
Buoy 34° 59′ 34.0″N 136° 40′ 42.0″E
(See 2/04-97187)
(3(60)06 Tokyo)

97187 3Ed. 2/14/98 LAST NM 12/06 34/06
Change Legend to "Dredged to 14m (1987-2005) 34° 59′ 23.4″N 136° 42′ 10.2″E
Legend to "Dredged to 14m (1987-2003) 34° 59′ 23.0″N 136° 41′ 36.0″E
(See 2/04-97187)

Add Chartlet, depicting changes in hydrography, topography and aids to navigation, from Subsection I-2 34° 59′ 18.0″N 136° 40′ 18.0″E
(40(1187), 42(1240)05, 15(454)06 Tokyo; Jpn CH JP94)

97187 3Ed. 2/14/98 LAST NM 34/06 36/09
Delete Submarine cable between 34° 56′ 45.0″N 136° 39′ 34.0″E
34° 57′ 05.4″N 136° 39′ 31.0″E

Depth 8.6 meters 34° 56′ 42.5″N 136° 39′ 51.0″E
Depth 7.8 meters 34° 56′ 38.0″N 136° 39′ 48.4″E
Depth 8.8 meters 34° 56′ 37.0″N 136° 39′ 56.2″E
Prohibited area in vicinity 34° 56′ 37.0″N 136° 39′ 53.0″E
Prohibited area in vicinity 34° 58′ 57.0″N 136° 41′ 18.0″E
(See 34/06-97187)

Change Visibility (range) of light to 11M 34° 56′ 43.7″N 136° 39′ 47.1″E
(17(704-706)09 Tokyo)

★**97190** 2Ed. 6/21/97 NEW EDITION 33/97
Substitute Danger circle "Wave meter" for position circle "Wavemeter" 33° 44.3′ N 136° 03.5′ E

Change Light to Fl 15s 33m 16M S Sig Sta 34° 21.9′ N 136° 54.5′ E

Add Light
Fl R 3s 11m 11M 34° 09′ 35″N 136° 17′ 00″E
FR 12m 10M 34° 16′ 32″N 136° 34′ 44″E
Fl(3) 12s 15m 12M 34° 18′ 21″N 136° 40′ 20″E
Fl(2) R 6s 14m 9M 34° 17′ 39″N 136° 41′ 00″E
Fl 4s 20m 14M 34° 17′ 30″N 136° 45′ 55″E
Fl 3s 14m 10M 34° 15′ 48″N 136° 51′ 42″E
Iso R 6s 12m 11M 34° 23′ 12″N 136° 54′ 33″E

Caution note
"CAUTION
Differences in latitude and longitude may exist between this and other charts of the area; therefore, the transfer of positions from one chart to another should be done by bearings and distances from common features." 34° 05′ 00″N 135° 53′ 00″E
(NIMA; 21(1005)97 Tokyo; Jpn CH 76, 75; Jpn LL)

97190 2Ed. 6/21/97 LAST NM 33/97 39/97
Add Fish haven symbol 34° 16.9′ N 136° 44.2′ E
(Jpn CH 70)

97190 2Ed. 6/21/97 LAST NM 39/97 46/97
Add Wreck 33° 24′ 55″N 135° 46′ 31″E
(30(1367)97 Tokyo)

97190 2Ed. 6/21/97 LAST NM 46/97 15/98
Add Wreck 33° 26′ 14″N 135° 44′ 09″E
(9(383)98 Tokyo)

97190 2Ed. 6/21/97 LAST NM 15/98 28/98
Add Fish haven symbol 34° 20′ 29″N 136° 56′ 11″E
(21(883)98 Tokyo)

97190 2Ed. 6/21/97 LAST NM 28/98 52/98
Add Light Mo(U) 12s 10m 11M 34° 16′ 30″N 136° 40′ 08″E
(33(1368)98 Tokyo; Jpn LL)

97190 2Ed. 6/21/97 LAST NM 52/98 31/99
Add Fish haven symbol 34° 15′ 51″N 136° 45′ 30″E
Fish haven symbol 34° 14′ 06″N 136° 49′ 31″E
(25(1063)99 Tokyo)

97190 2Ed. 6/21/97 LAST NM 31/99 42/99
Add Fish haven symbol [K46.1] 34° 17′ 17″N 136° 54′ 07″E
Fish haven symbol [K46.1] 34° 16′ 13″N 136° 52′ 30″E
(36(1467)99 Tokyo)

97190 2Ed. 6/21/97 LAST NM 42/99 46/99
Add Fish haven symbol [K46.1] 34° 17′ 31″N 136° 54′ 21″E
(40(1632)99 Tokyo)

97190 2Ed. 6/21/97 LAST NM 46/99 1/00
Add Fish haven symbol [K46.1] 34° 17′ 37″N 136° 44′ 29″E
(44(1776)99 Tokyo)

97190 2Ed. 6/21/97 LAST NM 1/00 46/00
Change Visibility (range) of beacon to 10M 34° 14′ 02″N 136° 49′ 54″E

Light to Oc G 12M 33° 59′ 38″N 136° 15′ 38″E
(Jpn LL)

97190 2Ed. 6/21/97 LAST NM 46/00 40/01
Change Visibility (range) of light to 3M 34° 12′ 36″N 136° 23′ 36″E
(Jpn LL)

97190 2Ed. 6/21/97 LAST NM 40/01 42/01
Delete Submarine cable in vicinity 34° 18′ 26″N 136° 40′ 50″E
Submarine cable in vicinity 34° 14′ 30″N 136° 49′ 42″E

Add Submarine cable [L30.1] joining
34° 24′ 12″N 137° 24′ 18″E
34° 19′ 48″N 137° 27′ 24″E
34° 12′ 00″N 137° 29′ 18″E
34° 10′ 00″N 137° 29′ 36″E
34° 04′ 18″N 137° 25′ 00″E
34° 05′ 06″N 137° 22′ 24″E
34° 04′ 18″N 137° 20′ 00″E
34° 05′ 36″N 137° 15′ 42″E
34° 07′ 54″N 137° 13′ 54″E
34° 18′ 54″N 137° 05′ 18″E
34° 20′ 06″N 136° 57′ 54″E
34° 20′ 36″N 136° 55′ 48″E
34° 20′ 00″N 136° 53′ 24″E
34° 19′ 42″N 136° 53′ 00″E
34° 19′ 36″N 136° 52′ 42″E

Submarine cable [L30.1] joining
34° 20′ 06″N 136° 57′ 55″E
34° 06′ 00″N 137° 06′ 03″E
33° 48′ 00″N 137° 03′ 00″E
(23(970)98, 24(1016), 36(1466), 41(1674)99 Tokyo)

97190 2Ed. 6/21/97 LAST NM 42/01 8/02
Add Submarine cable [L30.1] joining
34° 20′ 18″N 136° 57′ 06″E
34° 19′ 30″N 136° 57′ 42″E
34° 18′ 24″N 136° 58′ 00″E
34° 09′ 12″N 137° 02′ 06″E
34° 02′ 00″N 137° 20′ 00″E
33° 53′ 00″N 137° 26′ 24″E
33° 45′ 30″N 137° 30′ 00″E
33° 40′ 20″N 137° 31′ 50″E
(52(1954)01 Tokyo)

97190 2Ed. 6/21/97 LAST NM 8/02 9/02
Add Submarine cable [L30.1] joining
34° 19′ 30″N 136° 57′ 42″E
34° 17′ 54″N 136° 58′ 00″E
34° 09′ 00″N 137° 01′ 18″E
(2(43)02 Tokyo)

97190 2Ed. 6/21/97 LAST NM 9/02 22/02
Add Submarine cable [l30.1] joining
34° 19′ 56″N 136° 58′ 27″E
34° 18′ 58″N 137° 03′ 49″E
34° 18′ 59″N 137° 05′ 20″E
34° 17′ 29″N 137° 05′ 47″E
34° 06′ 48″N 137° 13′ 22″E

(continued on next page)

97190 (Continued) 22/02
Submarine cable [L30.1] joining
34° 20′ 04″N 136° 57′ 59″E
34° 19′ 22″N 136° 58′ 51″E
34° 10′ 14″N 137° 04′ 11″E
34° 09′ 15″N 137° 05′ 41″E
(NTM0012/2002)

97190 2Ed. 6/21/97 LAST NM 22/02 34/02
Delete Light 34° 16′ 30″N 136° 40′ 08″E
(27(926)02 Tokyo)

97190 2Ed. 6/21/97 LAST NM 34/02 39/02
Delete Light (2 FR) 33° 28′ 45″N 135° 46′ 18″E
(32(1095)02 Tokyo)

97190 2Ed. 6/21/97 LAST NM 39/02 52/02
Change Light to Fl(2) 8s 21m 9M 33° 26′ 58″N 135° 48′ 01″E
(45(1868)98 Tokyo)

97190 2Ed. 6/21/97 LAST NM 52/02 8/03
Change Visibility (range) of light to 5M
33° 38′ 09″N 135° 58′ 54″E
Add Fish haven symbol [K46.1] 34° 13′ 07″N 136° 27′ 19″E
(6(193)00, 50(1752)02 Tokyo)

97190 2Ed. 6/21/97 LAST NM 8/03 13/03
Add Submarine cable [L30.1] joining
34° 21′ 18″N 136° 56′ 42″E
34° 20′ 36″N 136° 58′ 42″E
34° 19′ 30″N 137° 05′ 42″E
34° 17′ 48″N 137° 09′ 06″E
34° 17′ 06″N 137° 09′ 18″E
34° 12′ 54″N 137° 16′ 18″E
34° 10′ 48″N 137° 16′ 54″E
34° 04′ 36″N 137° 25′ 12″E
34° 02′ 30″N 137° 27′ 24″E
33° 56′ 18″N 137° 30′ 06″E
33° 54′ 30″N 137° 31′ 50″E
(26(894)02 Tokyo)

97190 2Ed. 6/21/97 LAST NM 13/03 19/04
Add Submarine cable [L30.1] joining
34° 20′ 31″N 136° 57′ 00″E
34° 19′ 12″N 137° 05′ 18″E
34° 18′ 42″N 137° 06′ 12″E
34° 11′ 48″N 137° 12′ 24″E
(6(156)04 Tokyo)

97190 2Ed. 6/21/97 LAST NM 19/04 31/04
Delete Position circle "Tr" 33° 26′ 20″N 135° 45′ 40″E
(32(1327)99 Tokyo)

97190 2Ed. 6/21/97 LAST NM 31/04 9/05
Add Fish haven symbol [K46.1] 33° 28′ 54″N 135° 38′ 00″E
(2(37)05 Tokyo)

97190 2Ed. 6/21/97 LAST NM 9/05 34/05
Delete Light 34° 15′ 13″N 136° 27′ 33″E
Add Light Fl G 3s 3M 34° 15′ 13″N 136° 27′ 45″E
(24(705)05 Tokyo)

97190 2Ed. 6/21/97 LAST NM 34/05 16/06
Add Wreck [K29] 33° 51′ 50″N 136° 08′ 45″E
(Plan)
Add Wreck [K29] 33° 51′ 50″N 136° 08′ 45″E
(8(255)06 Tokyo)

97190 2Ed. 6/21/97 LAST NM 16/06 22/06
Delete Wreck 33° 51′ 50″N 136° 08′ 45″E
(See 16/06-97190)
(Plan)
Delete Wreck 33° 51′ 50″N 136° 08′ 45″E
(14(445)06 Tokyo)

97190 2Ed. 6/21/97 LAST NM 22/06 25/06
Change Visibility (range) of light to 22M
33° 35′ 30″N 135° 24′ 00″E
(17(520)06 Tokyo)

97190 2Ed. 6/21/97 LAST NM 25/06 39/06
Change Light to Oc R 4s 5M 34° 15′ 08″N 136° 48′ 17″E
(14(427)06 Tokyo)

97190 2Ed. 6/21/97 LAST NM 39/06 40/06
Change Visibility (range) of light to 4M
34° 17′ 02″N 136° 54′ 10″E
(28(825)06 Tokyo)

97190 2Ed. 6/21/97 LAST NM 40/06 8/08
Change Light to Oc 5M 33° 59′ 38″N 136° 15′ 38″E
(52(1755)07 Tokyo)

97190 2Ed. 6/21/97 LAST NM 8/08 16/08
Add Wreck [K29] 33° 28′ 36″N 135° 34′ 17″E
(3(83)08 Tokyo)

97190 2Ed. 6/21/97 LAST NM 16/08 18/08
Delete Depth 8.6 meters 33° 53′ 04″N 136° 06′ 09″E
Add Danger circle [K1] "Seismometer"
34° 10′ 28″N 137° 29′ 20″E
Submarine cable between 34° 10′ 28″N 137° 29′ 20″E
34° 12′ 01″N 137° 29′ 16″E
Fish haven symbol [K46.1] 34° 13′ 42″N 136° 47′ 40″E
Buoy Y, pillar, "X" topmark, Fl(5) Y 20s
33° 54′ 08″N 136° 15′ 34″E
(Plan)
Delete Depth 8.6 meters 33° 53′ 04″N 136° 06′ 09″E
(49(1630, 1632)07, 12(359, 360)08 Tokyo)

97190 2Ed. 6/21/97 LAST NM 18/08 25/08
Add Dangerous wreck [K28] 33° 27′ 00″N 135° 43′ 31″E
(19(610)08 Tokyo)

97190 2Ed. 6/21/97 LAST NM 25/08 26/09
Add Submarine cable [L30.1] joining
33° 15′ 12″N 137° 08′ 30″E
33° 37′ 00″N 137° 20′ 27″E
33° 41′ 51″N 137° 20′ 50″E
33° 57′ 20″N 137° 11′ 49″E
34° 01′ 50″N 137° 13′ 02″E
34° 03′ 41″N 137° 12′ 36″E
34° 05′ 27″N 137° 10′ 31″E
34° 07′ 27″N 137° 09′ 42″E
34° 09′ 15″N 137° 05′ 41″E
(ROK CH 849)

97190 2Ed. 6/21/97 LAST NM 26/09 31/09
Add Submarine cable [L30.1] joining
34° 06′ 48″N 137° 13′ 22″E
34° 04′ 51″N 137° 14′ 25″E
34° 02′ 00″N 137° 14′ 46″E
33° 58′ 04″N 137° 19′ 29″E
33° 57′ 44″N 137° 25′ 28″E
33° 50′ 22″N 137° 31′ 50″E
(ROK CH 836)

97190 2Ed. 6/21/97 LAST NM 31/09 32/09
Delete Submarine cable in vicinity 34° 14′ 45″N 136° 48′ 15″E
Change Visibility (range) of light to 7M
34° 14′ 22″N 136° 48′ 17″E
(30(995)07 Tokyo; Jpn LL)

97190 2Ed. 6/21/97 LAST NM 32/09 36/09
Change Visibility (range) of light to 4M
34° 16′ 24″N 136° 30′ 15″E
Visibility (range) of light to 4M
34° 14′ 50″N 136° 27′ 23″E
(17(709, 710)09 Tokyo)

97190 2Ed. 6/21/97 LAST NM 36/09 37/09
Change Light to Al Fl WR 18/17M, FR 34° 16′ 34″N 136° 53′ 58″E
(24(1037)09 Tokyo)

97190 2Ed. 6/21/97 LAST NM 37/09 45/09
Change Visibility (range) of light to 5M
34° 07′ 06″N 136° 17′ 26″E
(36(1558)09 Tokyo)

97190 2Ed. 6/21/97 LAST NM 45/09 50/09
Change Visibility (range) of light to 5M
34° 17′ 30″N 136° 45′ 55″E
(42(1805)09 Tokyo)

97190 2Ed. 6/21/97 LAST NM 50/09 8/10
Change Visibility (range) of light to 7M
33° 53′ 15″N 136° 07′ 54″E
Light to Fl R 3M 33° 33′ 38″N 135° 26′ 57″E

(Plan)
Change Visibility (range) of light to 7M
33° 53′ 09″N 136° 07′ 52″E
(1(10, 11)10 Tokyo)

97190 2Ed. 6/21/97 LAST NM 8/10 16/10
Change Light to F Fl R 6s 15m 3/1M 33° 35′ 29″N 135° 57′ 02″E
(5(180)10 Tokyo)

97190 2Ed. 6/21/97 LAST NM 16/10 20/10
Change Visibility (range) of light to 4M
33° 28′ 21″N 135° 51′ 12″E
(11(427)10 Tokyo)

97190 2Ed. 6/21/97 LAST NM 20/10 30/11
Change Light to Fl R 3s 15m 4M 34° 16′ 32″N 136° 34′ 44″E
(Jpn LL)

★97191 1Ed. 7/1/10 NEW CHART N11/11
(NGA)

★97197 (INT 5317) 1Ed. 2/16/12 NEW CHART N29/12
Delete Legends "5th Ed." and "First edited 21st Apr. 1994" in right bottom margin of chart
(NGA)

★97198 1Ed. 7/1/10 NEW CHART N11/11
(NGA)

★97200 9Ed. 8/26/95 NEW EDITION 44/95
(DMA)

97200 9Ed. 8/26/95 LAST NM 44/95 11/96
Add Light Fl G 5M 33° 29′ 47″N 134° 16′ 20″E
(5(189)96 Tokyo)

97200 9Ed. 8/26/95 LAST NM 11/96 15/96
Delete Buoy 33° 27.9′ N 135° 38.1′ E
(9(387)96 Tokyo)

97200 9Ed. 8/26/95 LAST NM 15/96 18/96
Change Light Fl G 3s 13m 8M 33° 43.9′ N 134° 32.5′ E
(14(640)96 Tokyo)

97200 9Ed. 8/26/95 LAST NM 18/96 21/96
Add Buoy Y, pillar, "X" topmark, Mo(D) Y 8s 34° 10.0′ N 134° 54.6′ E
(16(757)96 Tokyo)

97200 9Ed. 8/26/95 LAST NM 21/96 25/96
Delete Submarine cable between 33° 50.2′ N 134° 44.5′ E
33° 50.7′ N 134° 48.3′ E

Add Fish haven symbol 34° 12′ 53″N 134° 51′ 12″E
(19(897, 898)96 Tokyo)

97200 9Ed. 8/26/95 LAST NM 25/96 31/96
Delete Submarine cable and legend "Power" between 33° 39.9′ N 134° 25.2′ E
33° 38.3′ N 134° 25.2′ E
(26(1254)96 Tokyo)

97200 9Ed. 8/26/95 LAST NM 31/96 45/96
Add Fish haven symbol 34° 09.6′ N 134° 50.2′ E
(38(1847)96 Tokyo)

97200 9Ed. 8/26/95 LAST NM 45/96 50/96
Change Light to F Fl G 5s 13m 12/5M, Fl G 3s 16m 8M 33° 44.2′ N 136° 01.4′ E
(45(2144)96 Tokyo)

97200 9Ed. 8/26/95 LAST NM 50/96 51/96
Add Beacon G, can topmark, Mo(B) G 8s 6M
34° 11.1′ N 134° 38.4′ E
(46(2193)96 Tokyo)

97200 9Ed. 8/26/95 LAST NM 51/96 52/96
Delete Buoy 33° 42.4′ N 135° 19.8′ E
(47(2235)96 Tokyo)

97200 9Ed. 8/26/95 LAST NM 52/96 6/97
Delete Light 33° 56.2′ N 135° 03.8′ E

Add Light Fl(2) R 6s 17m 8M 33° 56′ 14″N 135° 03′ 51″E
(52(2409)96 Tokyo)

97200 9Ed. 8/26/95 LAST NM 6/97 7/97
Delete Light 33° 43.5′ N 135° 21.2′ E
(1(9)97 Tokyo)

97200 9Ed. 8/26/95 LAST NM 7/97 33/97
Change Light to Oc R 8s 14m 12M 34° 10.4′ N 134° 49.1′ E
Height of light to 16m 33° 36.9′ N 135° 57.1′ E
(20(896)97 Tokyo; Jpn LL)

97200 9Ed. 8/26/95 LAST NM 33/97 46/97
Add Wreck 33° 24′ 55″N 135° 46′ 31″E
(30(1367)97 Tokyo)

97200 9Ed. 8/26/95 LAST NM 46/97 51/97
Add Fish haven symbol 34° 15′ 51″N 134° 57′ 32″E
34° 16′ 09″N 135° 01′ 31″E
(29(1332)97 Tokyo)

97200 9Ed. 8/26/95 LAST NM 51/97 7/98
Add Submarine cable joining 33° 17′ 50″N 134° 11′ 19″E
33° 16′ 41″N 134° 15′ 55″E
33° 13′ 11″N 134° 18′ 31″E
33° 02′ 12″N 134° 18′ 48″E
(27(1253)97 Tokyo)

97200 9Ed. 8/26/95 LAST NM 7/98 15/98
Add Wreck 33° 26′ 14″N 135° 44′ 09″E
(9(383)98 Tokyo)

97200 9Ed. 8/26/95 LAST NM 15/98 19/98
Add Beacon YB, double cone topmark points downward, Q(6) + L Fl 9M 33° 45′ 31″N 135° 17′ 38″E
(10(429)98 Tokyo)

97200 9Ed. 8/26/95 LAST NM 19/98 51/98
Delete Superbuoy ODAS 33° 40.2′ N 134° 59.8′ E
(45(1956)97 Tokyo)

97200 9Ed. 8/26/95 LAST NM 51/98 7/99
Change Period of light to 6s 34° 15.8′ N 135° 03.6′ E
(48(2081)97 Tokyo)

97200 9Ed. 8/26/95 LAST NM 7/99 13/99
Add Light Fl G 3s 8m 3M 33° 32′ 30″N 134° 18′ 17″E
(1(8)98 Tokyo)

97200 9Ed. 8/26/95 LAST NM 13/99 19/99
Change Period of light to 15s 34° 10.8′ N 134° 38.5′ E
(6(246)98 Tokyo)

97200 9Ed. 8/26/95 LAST NM 19/99 22/99
Add Fish haven symbol 34° 14.6′ N 134° 41.9′ E
34° 14.7′ N 134° 41.2′ E
(15(642)99 Tokyo)

97200 9Ed. 8/26/95 LAST NM 22/99 26/99
Add Fish haven area with blue tint bound by dotted line (limiting danger line) joining 33° 16.5′ N 134° 07.9′ E
33° 16.8′ N 134° 06.9′ E
33° 16.6′ N 134° 06.7′ E
33° 16.2′ N 134° 07.8′ E

Fish haven symbol 34° 11.7′ N 134° 47.8′ E
(20(846, 848)99 Tokyo)

97200 9Ed. 8/26/95 LAST NM 26/99 30/99
Change Visibility (range) of light to12M
33° 43′ 10″N 135° 19′ 30″E
(12(512)98 Tokyo)

97200 9Ed. 8/26/95 LAST NM 30/99 1/00
Delete Obscured sector from light 33° 14′ 50″N 134° 10′ 33″E
(47(1884)99 Tokyo)

97200 9Ed. 8/26/95 LAST NM 1/00 47/00
Change Visibility (range) of beacon to 3M
34° 10′ 54″N 134° 38′ 30″E

Visibility (range) of light to 11/1M
34° 10′ 06″N 134° 49′ 12″E
(Jpn LL)

97200 9Ed. 8/26/95 LAST NM 1/00 48/00
Change Light to Fl(2) R 6s 19m 6M 33° 17′ 10″N 134° 08′ 26″E
(Jpn LL)

97200 9Ed. 8/26/95 LAST NM 48/00 34/01
Add Fish haven symbol [K46.1] 33° 48′ 42″N 135° 10′ 48″E
(29(1127)01 Tokyo)

97200 9Ed. 8/26/95 LAST NM 34/01 52/01
Add Fish haven symbol [K46.1] 33° 46′ 38″N 135° 15′ 34″E
(47(1774)01 Tokyo)

97200 9Ed. 8/26/95 LAST NM 52/01 11/02
Change Visibility (range) of light (Fl(2) R) to 6M
34° 12′ 52″N 135° 08′ 05″E

Add Racon [S3.1] to buoy 34° 10′ 01″N 134° 54′ 36″E
(26(1114)98, 4(112)02 Tokyo)

97200 9Ed. 8/26/95 LAST NM 11/02 52/02
Change Light to Fl(2) 8s 21m 9M 33° 26′ 58″N 135° 48′ 01″E
(45(1868)98 Tokyo)

97200 9Ed. 8/26/95 LAST NM 52/02 8/03
Change Visibility (range) of light to 5M
33° 38′ 09″N 135° 58′ 54″E
(50(1752)02 Tokyo)

97200 9Ed. 8/26/95 LAST NM 8/03 16/03
(Plan)
Delete Dashed line in vicinity 33° 52′ 12.0″N 135° 08′ 26.0″E

Add Dashed line (harbor limit) between
33° 50′ 44.0″N 135° 09′ 45.0″E
33° 50′ 34.6″N 135° 09′ 14.5″E

Dashed line (harbor limit) joining
33° 50′ 34.6″N 135° 08′ 26.0″E
33° 52′ 18.9″N 135° 07′ 49.3″E
33° 52′ 59.0″N 135° 08′ 42.0″E

Double solid line with land tint (breakwater extension) between 33° 51′ 47.8″N 135° 08′ 35.4″E
33° 51′ 43.8″N 135° 08′ 40.0″E
(47(1878)99, 3(80)03 Tokyo; Jpn CH W77)

97200 9Ed. 8/26/95 LAST NM 16/03 17/03
Change Light to Fl 5s 166m 19M 33° 44′ 05″N 134° 33′ 51″E
Light to Fl(2) 7s 58m 17M 33° 55′ 26″N 134° 43′ 12″E

Add Fish haven symbol [K46.1] 33° 43′ 49″N 135° 17′ 53″E
(4(129)99, 5(152), 10(332)03 Tokyo; Jpn LL)

97200 9Ed. 8/26/95 LAST NM 17/03 22/03
Add Fish haven symbol [K46.1] 34° 11′ 24″N 134° 38′ 45″E
Fish haven symbol [K46.1] 34° 14′ 48″N 134° 54′ 18″E
(15(550, 552)03 Tokyo)

97200 9Ed. 8/26/95 LAST NM 22/03 25/03
Change Visibility (range) of light to 7M
34° 13′ 55″N 134° 38′ 55″E
Visibility (range) of light to 3M
34° 03′ 03″N 134° 35′ 50″E
(15(551, 553)03 Tokyo)

97200 9Ed. 8/26/95 LAST NM 25/03 26/03
Change Visibility (range) of light to 5M
33° 52′ 35″N 134° 40′ 22″E
(17(639)03 Tokyo)

97200 9Ed. 8/26/95 LAST NM 26/03 29/03
Change Light to Fl 4s 94m 7M 34° 06′ 48″N 135° 04′ 37″E

(Plan A)
Add Chartlet, depicting changes in hydrography and topography, from Subsection I-2
33° 52′ 00.0″N 135° 09′ 00.0″E
(39(1498)01, 16(593)03 Tokyo; Jpn CH W77)

97200 9Ed. 8/26/95 LAST NM 29/03 17/04
Add Wreck [K29] 33° 54′ 23″N 134° 57′ 21″E
(8(216)04 Tokyo)

97200 9Ed. 8/26/95 LAST NM 17/04 23/04
Add Submarine cable (power) [L31.1] joining
33° 58′ 46″N 135° 05′ 16″E
33° 59′ 40″N 135° 04′ 07″E
34° 00′ 02″N 135° 03′ 17″E
33° 59′ 35″N 135° 01′ 22″E
33° 55′ 11″N 134° 53′ 01″E
33° 53′ 33″N 134° 49′ 23″E
33° 52′ 14″N 134° 48′ 14″E
33° 52′ 02″N 134° 43′ 07″E
33° 51′ 36″N 134° 42′ 28″E
33° 51′ 14″N 134° 40′ 26″E
33° 51′ 00″N 134° 38′ 58″E
33° 50′ 36″N 134° 38′ 52″E
(26(1118)99 Tokyo)

97200 9Ed. 8/26/95 LAST NM 23/04 27/04
Add Fish haven symbol [K46.1] 34° 01′ 45″N 135° 05′ 45″E
(19(509)04 Tokyo)

97200 9Ed. 8/26/95 LAST NM 27/04 31/04
Delete Position circle "Tr" 33° 26′ 20″N 135° 45′ 40″E
(32(1327)99 Tokyo)

97200 9Ed. 8/26/95 LAST NM 31/04 40/04
(Plan)
Add Double solid line (breakwater) [F4.1] between
33° 52′ 01.0″N 135° 09′ 04.9″E
33° 52′ 04.8″N 135° 09′ 15.3″E
(28(730)04 Tokyo)

97200 9Ed. 8/26/95 LAST NM 40/04 44/04
(Plan)
Add Position circle "Y Lt" 33° 52′ 39.0″N 135° 08′ 57.3″E
(See 29/03-97200)
(36(931)04 Tokyo)

97200 9Ed. 8/26/95 LAST NM 44/04 51/04
Change Visibility (range) of light to 7M
33° 44′ 32″N 135° 20′ 04″E
Visibility (range) of beacon to 5M
33° 45′ 31″N 135° 17′ 38″E
(42(1092, 1093)04 Tokyo)

97200 9Ed. 8/26/95 LAST NM 51/04 9/05
Add Fish haven symbol [K46.1] 33° 28′ 54″N 135° 38′ 00″E
(2(37)05 Tokyo)

97200 9Ed. 8/26/95 LAST NM 9/05 24/05
Delete Dangerous wreck (PA) 34° 03′ 00″N 134° 38′ 44″E
(14(398)05 Tokyo)

97200 9Ed. 8/26/95 LAST NM 24/05 33/05
Change Visibility (range) of light to 7M
33° 58′ 21″N 134° 39′ 45″E
(23(673)05 Tokyo)

97200 9Ed. 8/26/95 LAST NM 33/05 1/06
Change Light to Fl(2) 5s 14m 5M 33° 58′ 41″N 135° 03′ 34″E
(42(1247)05 Tokyo)

97200 9Ed. 8/26/95 LAST NM 1/06 18/06
Change Light to Fl(2) R 6s 13m 7M, Fl R 3s 12m 7M
33° 48′ 37″N 135° 12′ 53″E
Light to Oc R 8s 15m 9M, Oc 8s 26m 12M
33° 23′ 31″N 134° 12′ 38″E
(6(164, 166)06 Tokyo)

97200 9Ed. 8/26/95 LAST NM 18/06 25/06
Change Visibility (range) of light to 22M
33° 35′ 16″N 135° 23′ 55″E
Light to Fl G 3s 12m 7M 33° 57′ 17″N 134° 41′ 55″E
Visibility (range) of light to 11M
34° 14′ 16″N 135° 07′ 08″E
Visibility (range) of light to 5M
34° 14′ 06″N 135° 07′ 05″E
(17(520, 522, 523)06 Tokyo)

97200 9Ed. 8/26/95 LAST NM 25/06 42/06
Delete R Bn 33° 15′ 06″N 134° 10′ 36″E
(36(1066)06 Tokyo)

97200 9Ed. 8/26/95 LAST NM 42/06 44/06
Change Visibility (range) of light to 5M
33° 48′ 03″N 134° 40′ 10″E
Visibility (range) of light to 9M
33° 35′ 31″N 134° 21′ 54″E
Light to Fl 8s 97m 23M 33° 32′ 28″N 134° 19′ 12″E
(25(730-732)06 Tokyo)

97200 9Ed. 8/26/95 LAST NM 44/06 16/08
Add Wreck [K29] 33° 28′ 36″N 135° 34′ 17″E
Buoy Y, pillar, "X" topmark, Fl(5) Y 20s
33° 38′ 32″N 135° 09′ 24″E
(3(83, 88)08 Tokyo)

97200 9Ed. 8/26/95 LAST NM 16/08 22/08
(Plan)
Add Double solid line with land tint (breakwater)
[F4.1] between 33° 51′ 56.9″N 135° 08′ 55.6″E
33° 52′ 00.1″N 135° 09′ 00.0″E
Position circle "Y Lt" 33° 51′ 56.9″N 135° 08′ 55.6″E
Position circle "Y Lt" 33° 52′ 00.1″N 135° 09′ 00.0″E
(See 29/03-97200)
(11(332)08 Tokyo)

97200 9Ed. 8/26/95 LAST NM 22/08 24/08
Change Visibility (range) of light to 7M
34° 02′ 48″N 134° 36′ 24″E
(49(1815)03 Tokyo)

97200 9Ed. 8/26/95 LAST NM 24/08 25/08
Add Dangerous wreck [K28] 33° 27′ 00″N 135° 43′ 31″E
(19(610)08 Tokyo)

97200 9Ed. 8/26/95 LAST NM 25/08 30/08
Change Visibility (range) of light to 5M
34° 02′ 23″N 134° 38′ 30″E
Visibility (range) of light to 15M
34° 01′ 04″N 134° 35′ 42″E
Visibility (range) of light to 5M
34° 02′ 15″N 134° 36′ 00″E
(Jpn LL)

97200 9Ed. 8/26/95 LAST NM 30/08 38/09
Change Visibility (range) of light to 23M
33° 50′ 40″N 134° 48′ 54″E
(25(1071)09 Tokyo)

97200 9Ed. 8/26/95 LAST NM 38/09 47/09
Change Visibility (range) of light to 14M
34° 01′ 04″N 134° 35′ 42″E
(34(1472)09 Tokyo)

97200 9Ed. 8/26/95 LAST NM 47/09 48/09
Add Fish haven symbol [K46.1] 34° 14′ 46″N 134° 53′ 34″E
(11(452)09 Tokyo)

97200 9Ed. 8/26/95 LAST NM 48/09 52/09
Change Visibility (range) of light to 13M
34° 16′ 37″N 134° 57′ 24″E
(43(1838)09 Tokyo)

97200 9Ed. 8/26/95 LAST NM 52/09 8/10
Change Light to Fl R 3s 9m 3M 33° 33′ 32″N 135° 26′ 51″E
(1(11)10 Tokyo)

97200 9Ed. 8/26/95 LAST NM 8/10 16/10
Change Light to F Fl R 6s 15m 3/1M 33° 35′ 29″N 135° 57′ 02″E
(5(180)10 Tokyo)

97200 9Ed. 8/26/95 LAST NM 16/10 20/10
Change Visibility (range) of light to 5/2M
34° 06′ 14″N 134° 36′ 34″E
(11(433)10 Tokyo)

★97201 7Ed. 8/9/97 NEW EDITION 52/97
Change Line 1 of Source Listing note to
"Japanese Chart 75...1:35,000" 34° 04′ 06″N 136° 09′ 06″E
Light to F 13m 34° 03′ 36″N 136° 15′ 24″E
Add Longitude designation "54′ ′ "
33° 51′ 25.9″N 136° 11′ 54.0″E
33° 51′ 25.9″N 136° 18′ 54.0″E
34° 09′ 59.6″N 136° 11′ 54.0″E
34° 09′ 59.6″N 136° 18′ 54.0″E
Blue tint with legend "Disused Spoil
Ground" to existing dashed line area
in vicinity 34° 04′ 12.0″N 136° 15′ 08.0″E
(Plan)
Change Latitude designation
"34° " to "34° 00′ 30′ ′ " 34° 00′ 30″N 136° 14′ 23″E
"34° " to "34° 00′ 30′ ′ " 34° 00′ 30″N 136° 17′ 11″E
"54′ ′ " to "24′ ′ " 34° 00′ 24″N 136° 14′ 23″E
(NIMA; Jpn CH 75; Jpn LL)

97201 7Ed. 8/9/97 LAST NM 52/97 1/99
Change Light to Fl R 3s 12m 7M 33° 59′ 48″N 136° 15′ 32″E
(46(2002)97 Tokyo)

97201 7Ed. 8/9/97 LAST NM 1/99 18/99
Delete Submarine cable joining 34° 05′ 45″N 136° 15′ 40″E
34° 04′ 55″N 136° 15′ 46″E
34° 04′ 27″N 136° 14′ 57″E
34° 04′ 08″N 136° 14′ 57″E
34° 03′ 47″N 136° 14′ 39″E
Add Submarine cable joining 34° 05′ 45.1″N 136° 15′ 39.9″E
34° 05′ 35.2″N 136° 15′ 42.4″E
34° 05′ 20.9″N 136° 15′ 47.1″E
34° 05′ 06.4″N 136° 15′ 48.4″E
34° 04′ 54.9″N 136° 15′ 43.9″E
34° 04′ 28.6″N 136° 14′ 56.7″E
34° 04′ 04.6″N 136° 14′ 51.5″E
34° 03′ 47.0″N 136° 14′ 38.6″E
(5(201)98 Tokyo)

97201 7Ed. 8/9/97 LAST NM 18/99 46/00
Change Light to Fl R 4s 13m 7M 33° 58′ 04.2″N 136° 13′ 08.4″E
Light to Oc G 4s 46m 12M 33° 59′ 37.5″N 136° 15′ 38.0″E
(Jpn LL)

97201 7Ed. 8/9/97 LAST NM 46/00 18/03
Change Visibility (range) of light to 4M
34° 06′ 19.0″N 136° 14′ 38.0″E
Light to Fl G 3s 13m 3M 34° 03′ 51.0″N 136° 13′ 16.0″E
(12(413, 414)03 Tokyo)

97201 7Ed. 8/9/97 LAST NM 18/03 28/03
Change Visibility (range) of light to 5M
34° 04′ 19.0″N 136° 12′ 21.0″E
(16(592)03 Tokyo)

97201 7Ed. 8/9/97 LAST NM 28/03 34/05
Change Light to Fl G 3s 13m 3M 34° 06′ 51.0″N 136° 17′ 41.0″E
Light to Fl R 3s 12m 3M 34° 06′ 47.0″N 136° 17′ 43.0″E
Light to Fl 3s 12m 3M 34° 06′ 00.0″N 136° 15′ 40.0″E
(24(706, 707)05 Tokyo)

97201 7Ed. 8/9/97 LAST NM 34/05 9/06
Substitute Depth 3.5 meters for 8.5 meters
34° 04′ 11.3″N 136° 14′ 41.9″E
Depth 1.5 meters for 3.1 meters
34° 04′ 08.3″N 136° 14′ 40.8″E
Depth 3 meters for 6.1 meters
34° 03′ 55.7″N 136° 15′ 15.3″E

Add Depth 4 meters 34° 03′ 46.5″N 136° 15′ 13.7″E
Depth 2.5 meters 34° 03′ 45.1″N 136° 15′ 15.3″E
Depth 3 meters 34° 03′ 27.9″N 136° 14′ 46.4″E
Depth 9 meters 33° 57′ 49.6″N 136° 15′ 57.5″E
Depth 3.5 meters 33° 59′ 25.1″N 136° 16′ 08.2″E
(48(1458)05 Tokyo)

97201 7Ed. 8/9/97 LAST NM 9/06 16/06
Add Wreck [K29] 33° 51′ 50.0″N 136° 08′ 45.0″E
(8(255)06 Tokyo)

97201 7Ed. 8/9/97 LAST NM 16/06 22/06
Delete Wreck 33° 51′ 50.0″N 136° 08′ 45.0″E
(See 16/06-97201)
(14(445)06 Tokyo)

97201 7Ed. 8/9/97 LAST NM 22/06 8/08
Change Light to Oc 4s 46m 5M 33° 59′ 37.5″N 136° 15′ 38.0″E
(52(1755)07 Tokyo)

97201 7Ed. 8/9/97 LAST NM 8/08 18/08
Add Buoy Y, pillar, "X" topmark, Fl(5) Y 20s
33° 54′ 08.0″N 136° 15′ 34.0″E
(12(360)08 Tokyo)

97201 7Ed. 8/9/97 LAST NM 18/08 26/09
Change Height of light to 47m 33° 59′ 37.5″N 136° 15′ 38.0″E

Visibility (range) of light to 5M
33° 58′ 04.2″N 136° 13′ 08.4″E
(Jpn LL)

97201 7Ed. 8/9/97 LAST NM 26/09 45/09
Change Visibility (range) of light to 5M
34° 07′ 01.5″N 136° 17′ 26.2″E
(36(1558)09 Tokyo)

97201 7Ed. 8/9/97 LAST NM 45/09 8/10
Change Visibility (range) of light to 7M
33° 53′ 09.0″N 136° 07′ 49.0″E
(1(10)10 Tokyo)

★**97202** 16Ed. 6/7/08 NEW EDITION N33/08
(NGA)

97202 16Ed. 6/7/08 LAST NM N33/08 N47/09
Change Visibility (range) of light to 14M
34° 01′ 04.0″N 134° 35′ 42.0″E
(34(1472)09 Tokyo)

★**97205** 3Ed. 7/26/97 NEW EDITION 42/97
Add Islet with drying height
(0.4) 34° 05′ 45.6″N 136° 14′ 55.6″E
(0.6) 34° 05′ 46.1″N 136° 15′ 01.6″E
(0.3) 34° 05′ 47.5″N 136° 15′ 01.4″E
(NIMA; Jpn CH 1059)

97205 3Ed. 7/26/97 LAST NM 42/97 18/99
Delete Submarine cable joining 34° 05′ 45″N 136° 15′ 40″E
34° 04′ 55″N 136° 15′ 46″E
34° 04′ 27″N 136° 14′ 57″E
34° 04′ 08″N 136° 14′ 57″E
34° 03′ 47″N 136° 14′ 39″E

Add Submarine cable joining 34° 05′ 45.1″N 136° 15′ 39.9″E
34° 05′ 35.2″N 136° 15′ 42.4″E
34° 05′ 20.9″N 136° 15′ 47.1″E
34° 05′ 06.4″N 136° 15′ 48.4″E
34° 04′ 54.9″N 136° 15′ 43.9″E
34° 04′ 28.6″N 136° 14′ 56.7″E
34° 04′ 04.6″N 136° 14′ 51.5″E
34° 03′ 47.0″N 136° 14′ 38.6″E
(5(201)98 Tokyo)

97205 3Ed. 7/26/97 LAST NM 18/99 29/99
(Plan)
Add Double solid line with land tint (pier) between
34° 04′ 32.0″N 136° 12′ 23.5″E
34° 04′ 31.9″N 136° 12′ 24.4″E

Land tint to area bound by shore and solid line
joining 34° 04′ 29.0″N 136° 12′ 23.5″E
34° 04′ 27.3″N 136° 12′ 23.0″E
34° 04′ 27.1″N 136° 12′ 23.6″E
(12(503)98 Tokyo)

97205 3Ed. 7/26/97 LAST NM 29/99 18/03
Change Visibility (range) of light to 4M
34° 06′ 19.0″N 136° 14′ 38.0″E

Light to Fl G 3s 13m 3M 34° 03′ 51.0″N 136° 13′ 16.0″E

(Plan)
Change Light to Fl G 3s 13m 3M 34° 03′ 51.0″N 136° 13′ 16.0″E
(12(413, 414)03 Tokyo)

97205 3Ed. 7/26/97 LAST NM 18/03 28/03
Change Visibility (range) of light to 5M
34° 04′ 19.0″N 136° 12′ 21.0″E

(Plan A)
Change Visibility (range) of light to 5M
34° 04′ 19.0″N 136° 12′ 21.0″E
(16(592)03 Tokyo)

97205 3Ed. 7/26/97 LAST NM 28/03 34/05
Change Light to Fl 3s 12m 3M 34° 06′ 00.0″N 136° 15′ 40.0″E
(24(707)05 Tokyo)

97205 3Ed. 7/26/97 LAST NM 34/05 9/06
Substitute Depth 3.5 meters for 8.5 meters
34° 04′ 11.3″N 136° 14′ 41.9″E
Depth 4 meters for 16.3 meters
34° 03′ 46.5″N 136° 15′ 13.7″E

Add Depth 1.5 meters 34° 04′ 08.3″N 136° 14′ 40.8″E
Depth 3 meters 34° 03′ 55.7″N 136° 15′ 15.3″E
Depth 2.5 meters 34° 03′ 45.1″N 136° 15′ 15.3″E
Depth 3 meters 34° 03′ 27.9″N 136° 14′ 46.4″E
(48(1458)05 Tokyo)

97205 3Ed. 7/26/97 LAST NM 9/06 41/06
Delete Buoy (mooring) "(R Lt)" 34° 04′ 04.5″N 136° 13′ 16.0″E

(Plan)
Delete Buoy (mooring) "(R Lt)" 34° 04′ 04.5″N 136° 13′ 16.0″E

Add Fish haven symbol [K46.1] 34° 04′ 17.0″N 136° 12′ 24.0″E
(35(1038, 1039)06 Tokyo)

97205 3Ed. 7/26/97 LAST NM 41/06 27/08
Relocate Buoy from 34° 04′ 21.0″N 136° 13′ 02.8″E to
34° 04′ 18.0″N 136° 13′ 04.0″E
Buoy from 34° 04′ 16.0″N 136° 13′ 30.0″E to
34° 04′ 16.0″N 136° 13′ 31.0″E

(Plan)
Relocate Buoy from 34° 04′ 21.0″N 136° 13′ 02.8″E to
34° 04′ 18.0″N 136° 13′ 04.0″E
Buoy from 34° 04′ 16.0″N 136° 13′ 30.0″E to
34° 04′ 16.0″N 136° 13′ 31.0″E
(21(715)08 Tokyo)

★**97206** 3Ed. 10/18/03 NEW EDITION 50/03
(NGA)

97206 3Ed. 10/18/03 LAST NM 50/03 13/04
Add Fish haven symbol [K46] 34° 44′ 08.0″N 134° 45′ 16.0″E
(4(97)04 Tokyo)

97

97206 3Ed. 10/18/03 LAST NM 13/04 10/05
Add Fish haven symbol [K46.1] bound by dotted-line circle, radius 50 meters, centered 34° 43′ 04.5″N 134° 47′ 28.2″E
(51(1326)04 Tokyo)

97206 3Ed. 10/18/03 LAST NM 10/05 27/05
Add Fish haven symbol [K46.1] 34° 43′ 04.0″N 134° 47′ 22.0″E
(19(538)05 Tokyo)

97206 3Ed. 10/18/03 LAST NM 27/05 3/06
Change Light to Fl(2) R 6s 13m 5M 34° 43′ 49.0″N 134° 47′ 54.0″E

Visibility (range) of light to 8M 34° 43′ 47.0″N 134° 47′ 50.0″E
(34(1037)05 Tokyo)

97206 3Ed. 10/18/03 LAST NM 3/06 15/08
Substitute Depth 0.8 meter for 3.4 meters 34° 42′ 53.5″N 134° 51′ 08.5″E
Depth 0.7 meter for 1.3 meters 34° 42′ 50.5″N 134° 51′ 11.2″E
(48(1586)07 Tokyo)

97206 3Ed. 10/18/03 LAST NM 15/08 19/08
Delete Buoy "No 1" 34° 42′ 40.8″N 134° 48′ 22.0″E

Change Buoy "No 2" to "W" R, pillar, cone topmark, Mo (D) R 8s 34° 42′ 38.0″N 134° 48′ 34.0″E
(49(1635)07 Tokyo)

97206 3Ed. 10/18/03 LAST NM 19/08 20/10
Change Light to Fl R 3s 17m 7M 34° 41′ 50.6″N 134° 50′ 11.1″E
Light to Fl G 3s 17m 7M 34° 41′ 54.0″N 134° 49′ 54.0″E
(11(436)10 Tokyo)

★97207 3Ed. 12/6/97 NEW EDITION 11/98
(NIMA)

97207 3Ed. 12/6/97 LAST NM 11/98 11/02
Substitute Light Fl R 3s 6m 3M for position circle "Y Lt" 34° 08′ 12.1″N 135° 09′ 34.6″E
(50(1791)00 Tokyo)

97207 3Ed. 12/6/97 LAST NM 11/02 12/05
Delete Buoy 34° 08′ 41.0″N 135° 10′ 58.5″E
(3(63)05 Tokyo)

★97210 (INT 5315) 1Ed. 7/1/10 NEW CHART N46/11
(NGA)

★97211 1Ed. 5/7/09 NEW CHART N3/12
(NGA)

★97212 1Ed. 2/7/13 NEW CHART N30/13
(NGA)

★97214 (INT 5312) 1Ed. 12/1/11 NEW CHART N29/12
Delete Legends "11st Ed." and "First edited 4th Jan. 1991" in right bottom margin of chart
(NGA)

★97215 1Ed. 11/2/11 NEW CHART N20/12
(NGA)

★97216 1Ed. 3/7/13 NEW CHART N37/13
(NGA)

★97218 3Ed. 8/23/97 CHART CANCELED 37/13
(NGA)

★97219 4Ed. 12/20/97 NEW EDITION 22/98
Delete Beacons (2) in vicinity 34° 40′ 04″N 134° 32′ 38″E

Beacon and legend "2 Bns" 34° 40′ 39″N 134° 32′ 32″E
34° 40′ 41″N 134° 32′ 36″E

Submarine cables (2) between 34° 39′ 54″N 134° 32′ 42″E
34° 40′ 00″N 134° 33′ 00″E

Submarine cable between 34° 40′ 28″N 134° 34′ 11″E
34° 40′ 15″N 134° 33′ 26″E

Substitute Beacon YB, double cone topmark points downward, Q(6) + L Fl 15s 8m 9M, for light 34° 43′ 21″N 134° 24′ 24″E

Legend "SBM" for "Tanker" 34° 43′ 48″N 134° 39′ 45″E

Change Light to
Fl(3) R 13s 10m 11M 34° 45′ 02″N 134° 46′ 04″E
Fl G 4s 12m 11M 34° 44′ 27″N 134° 47′ 06″E

Add Fish haven symbol 34° 45′ 48.0″N 134° 43′ 08.0″E
34° 45′ 40.0″N 134° 42′ 58.0″E
34° 45′ 14.0″N 134° 30′ 03.0″E

Depth 10.4 meters 34° 38′ 33.0″N 134° 29′ 58.0″E

Solid line (breakwater) between
34° 39′ 31.5″N 134° 31′ 57.5″E
34° 39′ 31.5″N 134° 31′ 03.5″E

Dashed line (overhead power cable) between 34° 45′ 01.0″N 134° 46′ 07.0″E
34° 45′ 05.0″N 134° 45′ 54.0″E

Caution note in upper right margin of chart
"CAUTION
1. Attention is called to the fact that in many cases pipelines are not buried, and charted depths may be decreased by up to two meters. Vessels are requested not to anchor or trawl in the vicinity of pipelines.
2. Differences in latitude and longitude may exist between this and other charts of the area; therefore, the transfer of positions from one chart to another should be done by bearings and distances from common features."
(NIMA; GIMM014/98)

97219 4Ed. 12/20/97 LAST NM 22/98 38/98
Add Fish haven symbol 34° 43′ 45″N 134° 25′ 06″E
(23(974)98 Tokyo)

97219 4Ed. 12/20/97 LAST NM 38/98 36/99
Add Fish haven symbol 34° 45′ 22.4″N 134° 25′ 59.0″E
(28(1209)99 Tokyo)

97219 4Ed. 12/20/97 LAST NM 36/99 40/99
Add Fish haven symbol 34° 45′ 53.1″N 134° 42′ 57.6″E
(33(1349)99 Tokyo)

97219 4Ed. 12/20/97 LAST NM 40/99 48/00
Delete Light 34° 40′ 47.0″N 134° 32′ 05.0″E
(Jpn LL)

97219 4Ed. 12/20/97 LAST NM 48/00 3/01
Add Fish haven symbol [K46.1] 34° 36′ 43.0″N 134° 28′ 16.0″E
(34(1199)00 Tokyo)

97219 4Ed. 12/20/97 LAST NM 3/01 51/01
Add Light Fl R 4s 9m 6M 34° 43′ 51.2″N 134° 22′ 25.7″E
(35(1381)01 Tokyo)

97219 4Ed. 12/20/97 LAST NM 51/01 52/01
Add Fish haven symbol [K46.1] 34° 38′ 08.9″N 134° 39′ 25.4″E
(44(1675)01 Tokyo)

97219 4Ed. 12/20/97 LAST NM 52/01 1/02
Delete Position circle "R Lt" 34° 41′ 01.0″N 134° 32′ 24.0″E
Buoy 34° 46′ 16.0″N 134° 42′ 09.0″E

(continued on next page)

97219 (Continued) 1/02

Add Fish haven area with blue tint [K46.1] bound by dotted line (limiting danger line) joining
34° 39′ 17.0″N 134° 35′ 11.0″E
34° 39′ 14.0″N 134° 34′ 58.0″E
34° 39′ 06.0″N 134° 35′ 01.0″E
34° 39′ 09.0″N 134° 35′ 14.0″E

Light Fl R 3s 8m 6M 34° 41′ 00.0″N 134° 32′ 29.0″E

Solid line (breakwater) between
34° 41′ 00.0″N 134° 32′ 29.0″E
34° 41′ 01.0″N 134° 32′ 24.0″E

Solid line (breakwater) between
34° 38′ 56.0″N 134° 31′ 08.0″E
34° 39′ 01.0″N 134° 31′ 08.0″E

Position circle "Y Lt" 34° 38′ 56.0″N 134° 31′ 08.0″E
Buoy Y, pillar, "Y Lt" 34° 39′ 46.0″N 134° 31′ 01.0″E
Buoy Y, pillar, "Y Lt" 34° 39′ 40.0″N 134° 31′ 47.0″E
Buoy Y, pillar, "Y Lt" 34° 39′ 23.0″N 134° 31′ 26.0″E
(24(1016), 27(1158), 47(1958)98, 11(449), 36(1470), 48(1922)99 Tokyo)

97219 4Ed. 12/20/97 LAST NM 1/02 10/02

Relocate Buoy from 34° 39′ 40.0″N 134° 31′ 47.0″E
to 34° 39′ 37.0″N 134° 31′ 38.0″E
Buoy from 34° 39′ 23.0″N 134° 31′ 26.0″E
to 34° 39′ 29.0″N 134° 31′ 28.0″E
(See 1/02-97219)

Change Visibility (range) of light to 10M
34° 45′ 43.0″N 134° 38′ 58.0″E
Visibility (range) of light to 10M
34° 46′ 09.0″N 134° 36′ 26.0″E

Add Light Fl(2) G 6s 9m 6M 34° 39′ 52.0″N 134° 31′ 21.0″E

Submarine pipeline (water) [L41.1] joining
34° 39′ 37.0″N 134° 32′ 36.4″E
34° 39′ 25.2″N 134° 32′ 47.4″E
34° 39′ 19.2″N 134° 32′ 57.9″E
34° 39′ 17.1″N 134° 33′ 11.0″E
34° 39′ 17.1″N 134° 33′ 51.2″E
34° 39′ 19.7″N 134° 34′ 08.3″E

Solid line (breakwater) between
34° 40′ 56.0″N 134° 32′ 39.0″E
34° 41′ 02.0″N 134° 32′ 37.0″E

Position circle "R Lt" 34° 42′ 59.8″N 134° 48′ 23.2″E
Position circle "G Lt" 34° 42′ 58.4″N 134° 48′ 22.2″E
(48(1727)00, 19(668), 21(746), 35(1379, 1380), 43(1634), 47(1775)01 Tokyo)

97219 4Ed. 12/20/97 LAST NM 10/02 12/02

Relocate Light from 34° 39′ 15.0″N 134° 30′ 39.0″E to
34° 39′ 15.0″N 134° 30′ 36.0″E
and change height to 13m

Add Dashed line (overhead cable) [D26] joining
34° 44′ 12.4″N 134° 48′ 03.6″E
34° 44′ 09.7″N 134° 48′ 11.1″E
34° 44′ 01.1″N 134° 48′ 45.2″E

Legend "(67m)" 34° 43′ 56.0″N 134° 48′ 28.0″E
(6(175, 176)02 Tokyo)

97219 4Ed. 12/20/97 LAST NM 12/02 21/02

Delete Position circle "R Lt" 34° 46′ 35.2″N 134° 39′ 58.8″E

Position circle, building symbol and legend "Chy (40)" 34° 44′ 10.8″N 134° 22′ 55.5″E
(13(448), 15(530)02 Tokyo)

97219 4Ed. 12/20/97 LAST NM 21/02 25/02

Delete Position circle "Chy" 34° 46′ 08.4″N 134° 26′ 46.7″E
Position circle 34° 46′ 06.5″N 134° 26′ 31.3″E

Change Legend to "Chy" 34° 46′ 05.0″N 134° 26′ 28.0″E

Add Fish haven symbol [K46.1] 34° 38′ 12.0″N 134° 27′ 00.0″E
(17(593), 18(622)02 Tokyo)

97219 4Ed. 12/20/97 LAST NM 25/02 31/02

Delete Fish haven symbol 34° 38′ 08.9″N 134° 39′ 25.4″E
(Supersedes 52/01-97219)

Add Fish haven area with blue tint [K46.1] bound by dotted line (limiting danger line) joining
34° 38′ 20.0″N 134° 39′ 28.0″E
34° 38′ 20.0″N 134° 39′ 15.0″E
34° 37′ 50.0″N 134° 39′ 15.0″E
34° 37′ 50.0″N 134° 39′ 28.0″E
(24(829)02 Tokyo)

97219 4Ed. 12/20/97 LAST NM 31/02 6/03

Change Visibility (range) of light to 4M
34° 45′ 23.5″N 134° 40′ 57.0″E
Visibility (range) of light to 4M
34° 45′ 43.4″N 134° 35′ 12.9″E
(43(1466), 47(1618)02 Tokyo)

97219 4Ed. 12/20/97 LAST NM 6/03 9/03

Add Fish haven symbol [K46.1] 34° 38′ 26.0″N 134° 29′ 40.0″E
(2(43)03 Tokyo)

97219 4Ed. 12/20/97 LAST NM 9/03 13/03

Delete Submarine cable in vicinity 34° 44′ 12.0″N 134° 33′ 06.0″E

Add Submarine cable [L30.1] joining
34° 39′ 50.2″N 134° 31′ 47.4″E
34° 39′ 42.8″N 134° 31′ 47.7″E
34° 39′ 25.4″N 134° 31′ 26.9″E
34° 39′ 15.6″N 134° 31′ 12.3″E
34° 39′ 15.1″N 134° 31′ 08.1″E

Submarine cable [L30.1] joining
34° 46′ 22.0″N 134° 32′ 59.0″E
34° 45′ 50.0″N 134° 32′ 55.7″E
34° 44′ 59.1″N 134° 33′ 00.9″E
34° 43′ 01.8″N 134° 32′ 28.9″E
34° 41′ 57.4″N 134° 31′ 57.1″E
34° 40′ 55.6″N 134° 31′ 15.3″E
34° 40′ 52.0″N 134° 31′ 12.0″E
(1(9)03 Tokyo)

97219 4Ed. 12/20/97 LAST NM 13/03 20/03

Change Visibility (range) of light to 5M
34° 45′ 01.0″N 134° 46′ 04.0″E
(13(461)03 Tokyo)

97219 4Ed. 12/20/97 LAST NM 20/03 23/03

Change Visibility (range) of light to 7M
34° 45′ 27.0″N 134° 41′ 12.0″E
Visibility (range) of light to 3M
34° 45′ 57.0″N 134° 40′ 52.0″E
(14(498)03 Tokyo)

97219 4Ed. 12/20/97 LAST NM 23/03 25/03

Delete Light 34° 39′ 05.0″N 134° 26′ 12.0″E

Add Light Fl(2) 10s 73m 7M 34° 39′ 05.0″N 134° 26′ 08.0″E
(15(555)03 Tokyo)

97219 4Ed. 12/20/97 LAST NM 25/03 47/03

Add Fish haven symbol [K46.1] with height "(4.5)" meters 34° 33′ 11.0″N 134° 46′ 15.0″E
(40(1529)03 Tokyo)

97219 4Ed. 12/20/97 LAST NM 47/03 13/04

Add Fish haven symbol [K46.1] 34° 33′ 11.0″N 134° 46′ 00.0″E
Fish haven symbol [K46.1] 34° 33′ 03.0″N 134° 46′ 00.0″E
Fish haven symbol [K46.1] 34° 44′ 08.0″N 134° 45′ 16.0″E

Solid line (breakwater) [F4.1] between
34° 40′ 47.8″N 134° 32′ 22.3″E
34° 40′ 45.9″N 134° 32′ 28.5″E
(4(96-98)04 Tokyo)

97219 4Ed. 12/20/97 LAST NM 13/04 27/04

Delete Beacons (4) in vicinity 34° 40′ 02.0″N 134° 31′ 36.0″E

Add Fish haven symbol [K46.1] 34° 38′ 00.0″N 134° 26′ 48.0″E
(17(459), 19(511)04 Tokyo)

97219 4Ed. 12/20/97 LAST NM 27/04 1/05

Change Characteristic of buoy "No 6" to Mo(A) 8s
34° 40′ 12.0″N 134° 24′ 06.0″E
Characteristic of buoy "No 7" to Iso 4s
34° 42′ 45.0″N 134° 29′ 26.0″E

(continued on next page)

97219 (Continued) 1/05
Characteristic of buoy "No 8" to Iso 4s
34° 42′ 45.0″N 134° 38′ 14.0″E
Characteristic of buoy "No 9" to Mo(A) 8s
34° 39′ 46.0″N 134° 42′ 30.0″E
Characteristic of buoy "No 5" to Mo(A) 8s
34° 32′ 14.0″N 134° 44′ 56.0″E

Add Fish haven symbol [K46.1] 34° 44′ 48.0″N 134° 30′ 06.0″E
(45(1160, 1161), 46(1182)04 Tokyo)

97219 4Ed. 12/20/97 LAST NM 1/05 10/05
Add Fish haven symbol [K46.1] 34° 45′ 43.0″N 134° 33′ 36.0″E
Fish haven symbol [K46.1] 34° 45′ 23.9″N 134° 35′ 01.5″E
Fish haven symbol [K46.1] 34° 43′ 04.5″N 134° 47′ 28.2″E
(51(1326, 1327)04, 1(11)05 Tokyo)

97219 4Ed. 12/20/97 LAST NM 10/05 27/05
Add Fish haven symbol [K46.1] 34° 43′ 04.0″N 134° 47′ 22.0″E
(19(538)05 Tokyo)

97219 4Ed. 12/20/97 LAST NM 27/05 33/05
Add Submarine pipeline [L40.1] between
34° 39′ 41.0″N 134° 31′ 58.0″E
34° 39′ 37.0″N 134° 31′ 54.0″E
(23(675)05 Tokyo)

97219 4Ed. 12/20/97 LAST NM 33/05 3/06
Change Light to Fl(2) R 6s 13m 5M
34° 43′ 49.0″N 134° 47′ 54.0″E

Visibility (range) of light to 8M
34° 43′ 47.0″N 134° 47′ 50.0″E
(34(1037)05 Tokyo)

97219 4Ed. 12/20/97 LAST NM 3/06 4/06
Add Chartlet, depicting changes in hydrography, topography and aids to navigation, from Subsection I-2 34° 45′ 48.0″N 134° 36′ 18.0″E

Buoy Y, pillar, "(Y Lt)" 34° 45′ 06.3″N 134° 34′ 23.1″E
Buoy Y, conical, "(Y Lt)" 34° 45′ 11.7″N 134° 34′ 47.9″E
Buoy Y, conical, "(Y Lt)" 34° 45′ 09.0″N 134° 34′ 35.7″E
Buoy Y, conical, "(Y Lt)" 34° 45′ 17.1″N 134° 34′ 21.8″E
(36(1377), 47(1744)03, 41(1056), 51(1327)04 Tokyo; Jpn CH W134B)

97219 4Ed. 12/20/97 LAST NM 4/06 10/06
Change Light to Fl R 3M 34° 46′ 26.0″N 134° 39′ 29.0″E
(Jpn LL)

97219 4Ed. 12/20/97 LAST NM 10/06 22/06
Change Visibility (range) of beacon to 8M
34° 33′ 24.0″N 134° 23′ 10.0″E
Visibility (range) of light to 7/3M
34° 32′ 39.0″N 134° 20′ 58.0″E
(9(265)06 Tokyo)

97219 4Ed. 12/20/97 LAST NM 22/06 33/06
Change Visibility (range) of light to 10M
34° 41′ 10.0″N 134° 38′ 14.0″E
Visibility (range) of light to 13M
34° 41′ 13.0″N 134° 42′ 51.0″E
Visibility (range) of light to 7M
34° 40′ 47.0″N 134° 32′ 07.0″E
Visibility (range) of light to 4M
34° 41′ 02.0″N 134° 32′ 30.0″E
Visibility (range) of light to 13M
34° 41′ 05.0″N 134° 32′ 10.0″E
Visibility (range) of light to 4M
34° 39′ 51.0″N 134° 31′ 21.0″E
(22(659, 660)06 Tokyo)

97219 4Ed. 12/20/97 LAST NM 33/06 36/06
Change Light to Fl(2) G 7s 10m 4M
34° 38′ 54.0″N 134° 31′ 08.0″E
Light to Fl G 3s 9m 3M 34° 39′ 31.0″N 134° 31′ 04.0″E

Visibility (range) of light to 7/3M
34° 39′ 15.0″N 134° 30′ 36.0″E
Visibility (range) of light to 4M
34° 39′ 12.0″N 134° 30′ 27.0″E
Visibility (range) of light to 11M
34° 35′ 37.0″N 134° 28′ 36.0″E
Visibility (range) of light to 12M
34° 39′ 28.0″N 134° 35′ 00.0″E
(19(571, 572), 20(607)06 Tokyo)

97219 4Ed. 12/20/97 LAST NM 36/06 38/06
Change Visibility (range) of light to 7/3M
34° 46′ 50.0″N 134° 31′ 40.0″E
Visibility (range) of light to 7M
34° 46′ 05.0″N 134° 30′ 03.0″E
(18(540, 541)06 Tokyo)

97219 4Ed. 12/20/97 LAST NM 38/06 17/08
Add Fish haven symbol [K46.1] 34° 40′ 23.0″N 134° 36′ 35.0″E
(9(281)08 Tokyo)

97219 4Ed. 12/20/97 LAST NM 17/08 19/08
Delete Buoy "No 1" 34° 42′ 40.0″N 134° 48′ 22.0″E

Change Buoy "No 2" to "W" R, pillar, cone topmark, Mo (D) R 8s 34° 42′ 38.0″N 134° 48′ 34.0″E

Add Fish haven symbol [K46.1] 34° 33′ 14.0″N 134° 46′ 14.0″E
Fish haven symbol [K46.1] 34° 44′ 18.0″N 134° 29′ 42.0″E
(49(1635), 50(1686)07, 4(121)08 Tokyo)

97219 4Ed. 12/20/97 LAST NM 19/08 37/09
Delete Position circle "Y Lt" 34° 45′ 54.0″N 134° 39′ 29.6″E
(Jpn CH W134B)

97219 4Ed. 12/20/97 LAST NM 37/09 52/09
Change Visibility (range) of light to 12M
34° 41′ 13″N 134° 42′ 51″E
(43(1840)09 Tokyo)

97219 4Ed. 12/20/97 LAST NM 52/09 12/10
Change Light to Fl R 7M 34° 45′ 50″N 134° 37′ 44″E
(See 4/06-97219)
(2(54)10 Tokyo)

97219 4Ed. 12/20/97 LAST NM 12/10 17/10
Change Visibility (range) of beacon to 5M
34° 33′ 24″N 134° 23′ 10″E
(10(398)10 Tokyo)

★97222 12Ed. 12/27/97 NEW EDITION 18/98
Delete Light 34° 20′ 20″N 135° 10′ 44″E

Substitute Solid line for dashed line between
34° 20′ 25″N 135° 10′ 56″E
34° 20′ 27″N 135° 10′ 52″E

Add Light F Fl R 5s 13m 12/6M 34° 20′ 20.5″N 135° 10′ 59.9″E

Fish haven symbol 34° 16′ 25.3″N 135° 02′ 24.8″E
34° 29′ 25.0″N 134° 57′ 55.0″E
34° 29′ 31.0″N 134° 58′ 08.0″E

Legend "Fish havens" between
34° 29′ 40.0″N 134° 58′ 33.0″E
34° 29′ 50.0″N 134° 58′ 42.0″E

Submarine cable between 34° 16′ 45.8″N 135° 00′ 07.0″E
34° 16′ 20.3″N 135° 00′ 11.0″E

Danger circle "Wavemeter" 34° 16′ 20.3″N 135° 00′ 11.0″E

Purple dashed line joining 34° 24′ 49.0″N 135° 13′ 03.1″E
34° 24′ 15.0″N 135° 11′ 58.0″E
34° 23′ 45.0″N 135° 12′ 27.0″E
34° 24′ 18.0″N 135° 13′ 03.1″E

Legend "CAUTION NO 1" 34° 24′ 12.0″N 135° 12′ 30.0″E

Caution note in left upper margin of chart
"CAUTIONS
1. The indicated area is for aircraft approaching the Kansai International Airport. Caution should be exercised regarding the safe vertical clearance of the ship's mast, etc.
2. Differences in latitude and longitude may exist between this and other charts of the area; therefore, the transfer of positions from one chart to another should be done by bearings and distances from common features."
(NIMA; GIMM014/98)

97222 12Ed. 12/27/97 LAST NM 18/98 52/98
Add "Fish haven" area with blue tint bound by dotted line (limiting danger line) joining 34° 20′ 35″N 135° 07′ 22″E
34° 20′ 39″N 135° 07′ 19″E
34° 20′ 48″N 135° 07′ 35″E
34° 20′ 44″N 135° 07′ 39″E

Fish haven symbol 34° 19′ 18″N 135° 06′ 08″E
34° 19′ 49″N 135° 08′ 32″E
(34(1406)98 Tokyo)

97222 12Ed. 12/27/97 LAST NM 52/98 7/99
Change Period of light to 6s 34° 15′ 54″N 135° 03′ 42″E
(48(2081)97 Tokyo)

97222 12Ed. 12/27/97 LAST NM 7/99 15/99
Change Light to Fl R 3s 6m 3M 34° 24′ 46″N 134° 53′ 53″E
(2(40)98 Tokyo)

97222 12Ed. 12/27/97 LAST NM 15/99 17/99
Add Solid line (breakwater extension) between 34° 18′ 03″N 134° 56′ 28″E
34° 18′ 00″N 134° 56′ 33″E
(3(97)98 Tokyo)

97222 12Ed. 12/27/97 LAST NM 17/99 36/99
Delete Dotted line between 34° 20′ 39″N 135° 07′ 19″E
34° 20′ 48″N 135° 07′ 35″E
(See 52/98-97222)

Add Fish haven symbol 34° 18′ 49″N 134° 55′ 22″E

Fish haven area with blue tint bound by existing fish haven and dotted line (limiting danger line) joining 34° 20′ 48″N 135° 07′ 35″E
34° 20′ 52″N 135° 07′ 32″E
34° 20′ 41″N 135° 07′ 13″E
34° 20′ 37″N 135° 07′ 16″E
34° 20′ 39″N 135° 07′ 19″E

"Fish haven" area with blue tint bound by dotted line (limiting danger line) joining
34° 20′ 30″N 135° 07′ 00″E
34° 20′ 36″N 135° 07′ 14″E
34° 20′ 40″N 135° 07′ 12″E
34° 20′ 34″N 135° 06′ 58″E
(29(1240, 1241)99 Tokyo)

97222 12Ed. 12/27/97 LAST NM 36/99 47/99
Delete Solid line between 34° 19′ 20″N 135° 08′ 21″E
34° 19′ 19″N 135° 08′ 18″E

Add Solid line (breakwater) [F6.1] between
34° 05′ 57″N 135° 06′ 20″E
34° 05′ 55″N 135° 06′ 20″E

Solid line (breakwater) [F6.1] joining
34° 19′ 20″N 135° 08′ 21″E
34° 19′ 17″N 135° 08′ 17″E
34° 19′ 16″N 135° 08′ 17″E
(20(833, 835)98 Tokyo)

97222 12Ed. 12/27/97 LAST NM 47/99 6/00
Delete Legend "Under reclamation (1995)"
34° 26′ 30″N 134° 55′ 05″E

Solid line between 34° 26′ 29″N 134° 54′ 49″E
34° 26′ 18″N 134° 55′ 08″E

Add Land tint to area bound by shore and solid line joining 34° 26′ 29″N 134° 54′ 49″E
34° 26′ 41″N 134° 55′ 00″E
34° 26′ 41″N 134° 55′ 02″E
34° 26′ 39″N 134° 55′ 09″E
34° 26′ 42″N 134° 55′ 20″E
34° 26′ 39″N 134° 55′ 26″E
34° 26′ 18″N 134° 55′ 08″E
(24(1014)98 Tokyo)

97222 12Ed. 12/27/97 LAST NM 6/00 10/00
Change Height of light to 10m 34° 25′ 55″N 134° 54′ 57″E
(30(1262)98 Tokyo)

97222 12Ed. 12/27/97 LAST NM 10/00 13/00
Change Height of light to 13m 34° 16′ 50″N 135° 04′ 02″E
(31(1295)98 Tokyo)

97222 12Ed. 12/27/97 LAST NM 13/00 48/00
Delete Light 34° 20′ 42″N 134° 54′ 12″E
(Jpn LL)

97222 12Ed. 12/27/97 LAST NM 48/00 51/00
Delete Light 34° 25′ 58″N 134° 54′ 32″E
(Jpn LL)

97222 12Ed. 12/27/97 LAST NM 51/00 35/01
Add Wreck [K29] 34° 07′ 42″N 135° 00′ 48″E
(30(1192)01 Tokyo)

97222 12Ed. 12/27/97 LAST NM 35/01 38/01
Delete Wreck 34° 07′ 42″N 135° 00′ 48″E
(Supersedes 35/01-97222)

Add Wreck [K29] 34° 07′ 09″N 135° 00′ 17″E
(32(1279)01 Tokyo)

97222 12Ed. 12/27/97 LAST NM 38/01 40/01
Delete Beacon "A" 34° 25′ 22″N 135° 12′ 47″E
Beacon and legend "(Tr)" 34° 25′ 30″N 135° 12′ 59″E

Add "Prohibited Area" [N2.2] bound by purple composite line joining 34° 25′ 13″N 135° 13′ 03″E
34° 24′ 50″N 135° 12′ 30″E
34° 25′ 44″N 135° 11′ 37″E
34° 26′ 42″N 135° 13′ 03″E
Note: Area extends beyond chart border
(32(1328), 36(1469)99 Tokyo)

97222 12Ed. 12/27/97 LAST NM 40/01 11/02
Delete Fish haven area (54 meters) 34° 17′ 30″N 135° 00′ 00″E

Substitute Light Fl R 3s 6m 3M for position circle "Y Lt"
34° 08′ 12″N 135° 09′ 35″E

Change Light to Oc R 4s 12m 7M 34° 21′ 13″N 134° 53′ 44″E
Visibility (range) of light to 6M
34° 12′ 52″N 135° 08′ 05″E

Add Position circle "FERRIS WHEEL (abt 59m)"
34° 24′ 56″N 134° 53′ 58″E

Solid line (breakwater) between
34° 20′ 41″N 134° 54′ 09″E
34° 20′ 42″N 134° 54′ 07″E

Solid line (pier) between 34° 19′ 05″N 135° 05′ 50″E
34° 18′ 56″N 135° 05′ 58″E

Fish haven symbol [K46.1] 34° 18′ 35″N 134° 55′ 34″E
Fish haven symbol [K46.1] 34° 17′ 03″N 135° 04′ 09″E
Position circle "Y Lts (2)" 34° 13′ 01″N 135° 07′ 40″E
Racon [S3.1] to buoy 34° 10′ 01″N 134° 54′ 36″E

Double solid line with land tint (breakwater extension) between
34° 12′ 51″N 135° 07′ 22″E
34° 12′ 50″N 135° 07′ 29″E
(26(1114), 28(1190)98, 9(372), 12(496)99, 20(671), 50(1791)00, 1(10), 4(120), 7(246), 33(1294), 41(1561)01, 4(112, 113)02 Tokyo)

97222 12Ed. 12/27/97 LAST NM 11/02 25/02
Delete Light 34° 12′ 56″N 135° 08′ 02″E

Legend "Under Reclamation (1996)"
34° 13′ 16″N 135° 08′ 00″E

Substitute Double solid line for double dashed line in vicinity 34° 13′ 07″N 135° 07′ 54″E
Note: Construction completed

Solid line for dashed line in vicinity
34° 13′ 07″N 135° 08′ 07″E

Light Fl(2) G 7s 16m 9M for position circle "Y Lts (2)" 34° 13′ 01″N 135° 07′ 40″E
(See 11/02-97222)
(17(591)02 Tokyo)

97222 12Ed. 12/27/97 LAST NM 25/02 28/02
Add Fish haven symbol [K46.1] 34° 18′ 13″N 134° 56′ 27″E
(22(766)02 Tokyo)

97222 12Ed. 12/27/97 LAST NM 28/02 47/02
Add "Entry Prohibited" area [N2.2] bound by shore and purple composite line joining
34° 14′ 05″N 135° 06′ 04″E
34° 13′ 59″N 135° 06′ 00″E
34° 14′ 08″N 135° 05′ 38″E
34° 14′ 21″N 135° 05′ 46″E
34° 14′ 17″N 135° 06′ 12″E
34° 14′ 13″N 135° 06′ 14″E
(40(1378)02 Tokyo)

97222 12Ed. 12/27/97 LAST NM 47/02 10/03
Change Visibility (range) of beacon to 10M
34° 17′ 20″N 134° 57′ 43″E
Add Fish haven symbol [K46.1] 34° 16′ 34″N 135° 01′ 11″E
(4(114, 128)03 Tokyo)

97222 12Ed. 12/27/97 LAST NM 10/03 22/03
Add Fish haven symbol [K46.1] 34° 14′ 48″N 134° 54′ 18″E
(15(550)03 Tokyo)

97222 12Ed. 12/27/97 LAST NM 22/03 29/03
Change Light to Fl 4s 94m 7M 34° 06′ 48″N 135° 04′ 37″E
and delete sector limits
(16(593)03 Tokyo)

97222 12Ed. 12/27/97 LAST NM 29/03 11/04
Delete Purple composite line and legend "Entry Prohibited" in vicinity 34° 14′ 14″N 135° 05′ 49″E
Add Solid line (breakwater) [F4.1] between
34° 14′ 14″N 135° 05′ 49″E
34° 14′ 09″N 135° 05′ 59″E
Position circle with legend "(R Lt)"
34° 14′ 14″N 135° 05′ 49″E
Position circle with legend "(G Lt)"
34° 14′ 09″N 135° 05′ 59″E
(1(4)04 Tokyo)

97222 12Ed. 12/27/97 LAST NM 11/04 17/04
Add Fish haven symbol [K46.1] 34° 20′ 48″N 135° 10′ 11″E
(7(190)04 Tokyo)

97222 12Ed. 12/27/97 LAST NM 17/04 24/04
Delete Building symbol and position circle "CHIMNEY (152)" in vicinity 34° 19′ 07″N 135° 07′ 57″E
Add Fish haven symbol [K46.1] 34° 19′ 51″N 135° 07′ 06″E
(47(1732, 1742)03 Tokyo)

97222 12Ed. 12/27/97 LAST NM 24/04 27/04
Add Fish haven symbol [K46.1] 34° 17′ 34″N 134° 57′ 24″E
(19(510)04 Tokyo)

97222 12Ed. 12/27/97 LAST NM 27/04 12/05
Add Fish haven symbol [K46.1] 34° 18′ 12″N 135° 03′ 12″E
Fish haven symbol [K46.1] 34° 20′ 32″N 134° 54′ 38″E
(5(128, 129)05 Tokyo)

97222 12Ed. 12/27/97 LAST NM 12/05 24/05
Add Pilot station symbol [T1.1] 34° 13′ 27″N 135° 03′ 50″E
Pilot station symbol [T1.1] 34° 12′ 27″N 135° 05′ 20″E
Pilot station symbol [T1.1] 34° 09′ 12″N 135° 06′ 50″E
Pilot station symbol [T1.1] 34° 07′ 42″N 135° 03′ 20″E
Pilot station symbol [T1.1] 34° 07′ 24″N 135° 06′ 32″E
Pilot station symbol [T1.1] 34° 10′ 12″N 134° 59′ 50″E
(14(398)05 Tokyo)

97222 12Ed. 12/27/97 LAST NM 24/05 46/05
Delete Light 34° 26′ 46″N 134° 55′ 13″E
Add Light Fl G 3s 11m 4M 34° 26′ 42″N 134° 55′ 34″E
(Jpn LL; Jpn CH W1143)

97222 12Ed. 12/27/97 LAST NM 46/05 9/06
Add Depth 34 meters Wk [K26] 34° 29′ 49″N 135° 06′ 48″E
(48(1446)05 Tokyo)

97222 12Ed. 12/27/97 LAST NM 9/06 25/06
Change Visibility (range) of light to 11M
34° 14′ 16″N 135° 07′ 08″E
Visibility (range) of light to 5M
34° 14′ 06″N 135° 07′ 05″E
(17(523)06 Tokyo)

97222 12Ed. 12/27/97 LAST NM 25/06 28/06
Add Fish haven symbol [K46.1] 34° 17′ 42″N 134° 57′ 16″E
(21(634)06 Tokyo)

97222 12Ed. 12/27/97 LAST NM 28/06 52/06
Change Visibility (range) of light to 5M
34° 07′ 05″N 135° 07′ 59″E
Visibility (range) of light to 4M
34° 06′ 52″N 135° 08′ 23″E
(44(1309)06 Tokyo)

97222 12Ed. 12/27/97 LAST NM 52/06 22/08
Delete Position circle "(R Lt)" 34° 14′ 14″N 135° 05′ 49″E
Add Double solid line with land tint (breakwater extension) [F4.1] between 34° 14′ 15″N 135° 05′ 45″E
34° 14′ 14″N 135° 05′ 49″E
Double solid line with land tint (breakwater) [F4.1] between 34° 12′ 53″N 135° 07′ 12″E
34° 12′ 52″N 135° 07′ 13″E
Double solid line with land tint (breakwater) [F4.1] between 34° 12′ 52″N 135° 07′ 16″E
34° 12′ 51″N 135° 07′ 19″E
Position circle "(R Lt)" 34° 14′ 15″N 135° 05′ 45″E
Position circle "(R Lt)" 34° 12′ 53″N 135° 07′ 12″E
(11(335)08 Tokyo)

97222 12Ed. 12/27/97 LAST NM 22/08 24/08
Add Depth 17.8 meters 34° 25′ 30″N 135° 12′ 59″E
(17(526)08 Tokyo)

97222 12Ed. 12/27/97 LAST NM 24/08 30/08
Delete Beacon 34° 24′ 35″N 135° 13′ 05″E
(17(525)08 Tokyo)

97222 12Ed. 12/27/97 LAST NM 30/08 31/09
Change Visibility (range) of light to 4M
34° 27′ 34″N 134° 56′ 26″E
Add Fish haven symbol [K46.1] 34° 17′ 30″N 135° 00′ 37″E
(18(756, 760)09 Tokyo)

97222 12Ed. 12/27/97 LAST NM 31/09 41/09
Add Fish haven symbol [K46.1] 34° 18′ 54″N 135° 04′ 00″E
Fish haven symbol [K46.1] 34° 18′ 53″N 134° 57′ 30″E
(34(1473)09 Tokyo)

97222 12Ed. 12/27/97 LAST NM 41/09 48/09
Add Fish haven symbol [K46.1] 34° 14′ 46″N 134° 53′ 34″E
(11(452)09 Tokyo)

97222 12Ed. 12/27/97 LAST NM 48/09 52/09
Change Visibility (range) of light to 13M
34° 16′ 37″N 134° 57′ 26″E
Visibility (range) of light to 7/3M
34° 17′ 53″N 134° 56′ 43″E
Visibility (range) of light to 7/3M
34° 20′ 51″N 134° 54′ 11″E
(43(1838)09 Tokyo)

97222 12Ed. 12/27/97 LAST NM 52/09 1/10
Delete Light 34° 21′ 13″N 134° 53′ 44″E
Change Visibility (range) of light to 5M
34° 21′ 01″N 134° 54′ 04″E
Add Light Fl(2) R 6s 11m 5M 34° 21′ 09″N 134° 53′ 46″E
(Jpn CH W1143)

97222 12Ed. 12/27/97 LAST NM 1/10 38/10
Change Light to Fl(2) 8s 56m 5M 34° 17′ 52″N 135° 03′ 33″E
(20(804)10 Tokyo)

★97223 3Ed. 11/7/98 NEW EDITION 16/99
Add Depth 4 meters 34° 28′ 21″N 135° 21′ 28″E
(NIMA; 9(414)98 Tokyo)

97223 3Ed. 11/7/98 LAST NM 16/99 30/99
Delete Chimney symbol 34° 30′ 14.0″N 135° 22′ 42.0″E
(11(462)98 Tokyo)

97223 3Ed. 11/7/98 LAST NM 30/99 5/00
Delete Depth 4.1 meters 34° 27′ 21.0″N 135° 21′ 22.0″E
Depth 4 meters 34° 27′ 19.1″N 135° 21′ 22.1″E
Depth 6.8 meters 34° 27′ 17.0″N 135° 21′ 18.7″E
Depth 4.8 meters 34° 27′ 15.7″N 135° 21′ 19.5″E
Depth 7.1 meters 34° 27′ 05.0″N 135° 21′ 12.0″E

Add Depth 3.9 meters [I10] 34° 27′ 21.1″N 135° 21′ 22.8″E
Depth 1.1 meters [I10] 34° 27′ 18.7″N 135° 21′ 23.2″E
Depth 4.1 meters [I10] 34° 27′ 18.6″N 135° 21′ 22.7″E
Depth 3.9 meters [I10] 34° 27′ 17.1″N 135° 21′ 21.9″E
Depth 5.3 meters [I10] 34° 27′ 16.8″N 135° 21′ 19.5″E
Depth 4 meters [I10] 34° 27′ 15.5″N 135° 21′ 20.4″E
Depth 5.2 meters [I10] 34° 27′ 15.5″N 135° 21′ 18.5″E
Depth 6.9 meters [I10] 34° 27′ 13.5″N 135° 21′ 18.0″E
Depth 3.4 meters [I10] 34° 27′ 12.7″N 135° 21′ 18.2″E
Depth 7.7 meters [I10] 34° 27′ 10.8″N 135° 21′ 15.8″E
Depth 4.6 meters [I10] 34° 27′ 09.5″N 135° 21′ 15.5″E
Depth 7.6 meters [I10] 34° 27′ 07.1″N 135° 21′ 13.0″E
Depth 4.6 meters [I10] 34° 27′ 05.2″N 135° 21′ 12.5″E
(47(1879)99 Tokyo)

97223 3Ed. 11/7/98 LAST NM 5/00 28/00
Add Chartlet A, depicting changes in hydrography, from Subsection I-2 34° 29′ 02.0″N 135° 21′ 21.0″E
Chartlet B, depicting changes in hydrography, from Subsection I-2 34° 28′ 15.0″N 135° 20′ 40.0″E
Chartlet C, depicting changes in hydrography and topography, from Subsection I-2 34° 28′ 15.0″N 135° 21′ 26.0″E
Chartlet D, depicting changes in hydrography, from Subsection I-2 34° 27′ 43.0″N 135° 20′ 41.0″E
(47(1879)99 Tokyo)

97223 3Ed. 11/7/98 LAST NM 28/00 47/00
Change Height of light to 12m 34° 28′ 49.3″N 135° 21′ 53.2″E
Light to Fl(2) R 6s 10m 6M 34° 27′ 45.6″N 135° 21′ 05.8″E
(Jpn LL)

97223 3Ed. 11/7/98 LAST NM 47/00 33/01
(Inset)
Add Fish haven symbol [K46.1] 34° 25′ 28.0″N 135° 18′ 15.0″E
(14(469)00 Tokyo)

97223 3Ed. 11/7/98 LAST NM 33/01 40/01
Change Light to Fl R 3s 13m 10M 34° 28′ 32.1″N 135° 20′ 20.2″E
(See 28/00-97223)
(1(7)01 Tokyo)

97223 3Ed. 11/7/98 LAST NM 40/01 8/02
Change Visibility (range) of light to 6M 34° 29′ 24.0″N 135° 22′ 11.0″E
(52(1955)01 Tokyo)

97223 3Ed. 11/7/98 LAST NM 8/02 42/02
Change Light to Fl G 4s 13m 3M 34° 25′ 23.0″N 135° 18′ 56.0″E
Light to Fl(2) R 5s 13m 4M 34° 25′ 23.0″N 135° 18′ 37.0″E

(Continuation of Hannan-Ko)
Change Light to Fl G 4s 13m 3M 34° 25′ 23.0″N 135° 18′ 56.0″E
Light to Fl(2) R 5s 13m 4M 34° 25′ 23.0″N 135° 18′ 37.0″E
(35(1209)02 Tokyo)

97223 3Ed. 11/7/98 LAST NM 42/02 44/02
Change Light to Fl(2) R 7s 16m 7M 34° 26′ 09.0″N 135° 19′ 04.0″E
(37(1282)02 Tokyo)

97223 3Ed. 11/7/98 LAST NM 44/02 48/02
Substitute Beacon RW, ball topmark, Mo(A) 8s 4m 3M for buoy 34° 25′ 44.0″N 135° 19′ 27.0″E
(41(1700)98 Tokyo)

97223 3Ed. 11/7/98 LAST NM 48/02 16/03
Delete Buoy and legend "Y Lt" 34° 29′ 48.0″N 135° 22′ 11.0″E

Add Double dashed line with land tint (bridge) and legend "Under constr" joining
34° 28′ 02.8″N 135° 21′ 31.6″E
34° 28′ 04.0″N 135° 21′ 29.5″E
34° 28′ 07.0″N 135° 21′ 24.5″E
34° 28′ 08.7″N 135° 21′ 22.2″E
(See 28/00-97223)
(9(306), 10(336)03 Tokyo)

97223 3Ed. 11/7/98 LAST NM 16/03 17/03
Change Visibility (range) of light to 7M 34° 29′ 32.0″N 135° 22′ 01.0″E
(5(153)03 Tokyo)

97223 3Ed. 11/7/98 LAST NM 17/03 22/03
Delete Chimney symbol 34° 27′ 05.0″N 135° 21′ 01.0″E
(14(495)03 Tokyo)

97223 3Ed. 11/7/98 LAST NM 22/03 23/03
Change Visibility (range) of light to 5M 34° 27′ 45.0″N 135° 21′ 11.0″E
(See 28/00-97223)
(14(496)03 Tokyo)

97223 3Ed. 11/7/98 LAST NM 23/03 46/03
Change Light to Fl G 4s 13m 6M 34° 28′ 49.0″N 135° 21′ 53.0″E
(See 28/00-97223)
(13(458)01 Tokyo)

97223 3Ed. 11/7/98 LAST NM 46/03 21/04
Delete Buoy "2A" 34° 29′ 08.4″N 135° 22′ 07.0″E
Buoy "2B" 34° 29′ 04.0″N 135° 22′ 16.0″E
(12(311)04 Tokyo)

97223 3Ed. 11/7/98 LAST NM 21/04 42/04
Delete Dashed line (overhead power cable) and legend "(15)" 34° 25′ 51.0″N 135° 19′ 02.0″E
(32(833)04 Tokyo)

97223 3Ed. 11/7/98 LAST NM 42/04 41/05
Add Chartlet A, depicting changes in hydrography, topography and aids to navigation, from Subsection I-2 34° 28′ 22.0″N 135° 20′ 36.0″E
Chartlet B, depicting changes in hydrography, topography and aids to navigation from Subsection I-2 34° 29′ 00.0″N 135° 21′ 16.0″E
(See 28/00-97223)
(18(505)05 Tokyo)

97223 3Ed. 11/7/98 LAST NM 41/05 51/06
Add Chartlet, depicting changes in hydrography and topography, from Subsection I-2
34° 28′ 00.0″N 135° 20′ 36.0″E
(See 28/00, 41/05-97223)
(30(878)06 Tokyo)

★97224 6Ed. 12/27/97 NEW EDITION 23/99
Change Legend at position circle to "G Lt" 34° 12′ 45″N 135° 07′ 52″E
(NIMA; 45(1957)97 Tokyo)

97224 6Ed. 12/27/97 LAST NM 23/99 11/02
Change Legend "R Lt" to "Y Lt" at position circle 34° 12′ 49.0″N 135° 07′ 32.8″E
Visibility (range) of light to 6M 34° 12′ 51.8″N 135° 08′ 05.4″E

Add Double solid line with land tint (breakwater extension) between
34° 12′ 51.3″N 135° 07′ 21.6″E
34° 12′ 49.8″N 135° 07′ 27.3″E

Position circle "Y Lts (2)" 34° 13′ 01.0″N 135° 07′ 39.5″E
(12(496)99, 20(671)00, 33(1294)01, 4(112)02 Tokyo; Jpn CH W1150)

97224 6Ed. 12/27/97 LAST NM 11/02 18/02
Substitute Danger circle "Obstn" [K40] for position circle "Tr" 34° 13′ 27.0″N 135° 07′ 53.0″E
(11(354)02 Tokyo)

97224 6Ed. 12/27/97 LAST NM 18/02 25/02
Delete Legend "Under reclamation (1996)"
34° 13′ 07.0″N 135° 08′ 04.0″E

Light 34° 12′ 56.3″N 135° 08′ 01.7″E
Position circle "Y Lts (2)" 34° 13′ 01.0″N 135° 07′ 39.5″E
(See 11/02-97224)

Substitute Double solid line for double dashed line
in vicinity 34° 13′ 06.5″N 135° 07′ 54.0″E
Note: Construction completed

Solid line for dashed line in vicinity
34° 13′ 07.1″N 135° 08′ 07.4″E

Add Light Fl(2) G 7s 16m 9M 34° 13′ 01.2″N 135° 07′ 39.5″E
(17(591)02 Tokyo)

97224 6Ed. 12/27/97 LAST NM 25/02 27/02
Add Position circle "G Lts (2)" 34° 12′ 56.3″N 135° 08′ 01.5″E
(21(726)02 Tokyo)

97224 6Ed. 12/27/97 LAST NM 27/02 46/02
Add Double dashed line with land tint (breakwater
under construction) between
34° 10′ 55.8″N 135° 09′ 07.9″E
34° 10′ 55.8″N 135° 09′ 10.3″E

Double dashed line with land tint (breakwater
under construction) between
34° 10′ 50.9″N 135° 09′ 07.6″E
34° 10′ 50.9″N 135° 09′ 10.3″E
(36(1508)98 Tokyo)

97224 6Ed. 12/27/97 LAST NM 46/02 47/02
Add "Entry Prohibited" area [N2.2] bound by shore
and purple composite line joining
34° 14′ 05.3″N 135° 06′ 04.2″E
34° 13′ 59.0″N 135° 05′ 59.8″E
34° 14′ 08.4″N 135° 05′ 38.0″E
34° 14′ 21.4″N 135° 05′ 45.9″E
34° 14′ 16.7″N 135° 06′ 12.5″E
34° 14′ 13.3″N 135° 06′ 13.6″E
(40(1378)02 Tokyo)

97224 6Ed. 12/27/97 LAST NM 47/02 49/02
Add Double dashed line with land tint (breakwater)
and legend "Under construction" joining
34° 15′ 16.2″N 135° 05′ 40.0″E
34° 15′ 16.2″N 135° 05′ 40.8″E
34° 15′ 13.8″N 135° 05′ 46.3″E

"Under reclamation (1998)" area [F31] with
land tint bound by shore and dashed line
joining 34° 15′ 27.6″N 135° 05′ 48.9″E
34° 15′ 21.9″N 135° 05′ 45.9″E
34° 15′ 22.1″N 135° 05′ 45.3″E
(44(1837)98 Tokyo)

97224 6Ed. 12/27/97 LAST NM 49/02 45/03
Delete Position circle 34° 14′ 11.5″N 135° 07′ 52.0″E
Position circle 34° 14′ 08.0″N 135° 07′ 55.0″E
Position circle "(85)" 34° 14′ 04.5″N 135° 07′ 58.0″E
(20(747)03 Tokyo)

97224 6Ed. 12/27/97 LAST NM 45/03 11/04
Delete Purple composite-line area and legend
"Entry Prohibited" in vicinity
34° 14′ 13.5″N 135° 05′ 49.0″E

Add Double solid line with land tint (breakwater)
[F4.1] between 34° 14′ 13.5″N 135° 05′ 49.0″E
34° 14′ 09.3″N 135° 05′ 59.0″E

Position circle with legend "(R Lt)"
34° 14′ 13.5″N 135° 05′ 49.0″E
Position circle with legend "(G Lt)"
34° 14′ 09.3″N 135° 05′ 59.0″E
(1(4)04 Tokyo)

97224 6Ed. 12/27/97 LAST NM 11/04 1/05
Add Danger circle [K1] "Sinker"
34° 12′ 35.5″N 135° 08′ 31.5″E
(45(1156)04 Tokyo)

97224 6Ed. 12/27/97 LAST NM 1/05 10/05
Delete Buoy (mooring) "No 2" 34° 13′ 51.0″N 135° 07′ 30.0″E
(1(10)05 Tokyo)

97224 6Ed. 12/27/97 LAST NM 10/05 24/05
Add Pilot station symbol [T1.1] 34° 12′ 27.0″N 135° 05′ 20.0″E
(14(398)05 Tokyo)

97224 6Ed. 12/27/97 LAST NM 24/05 25/06
Change Visibility (range) of light 11M
34° 14′ 16.0″N 135° 07′ 08.0″E
Visibility (range) of light 5M
34° 14′ 06.0″N 135° 07′ 05.0″E
(17(523)06 Tokyo)

97224 6Ed. 12/27/97 LAST NM 25/06 28/06
Add Fish haven area [K46.1] bound by dotted line
(limiting danger line) joining
34° 11′ 35.3″N 135° 08′ 20.9″E
34° 11′ 32.1″N 135° 08′ 24.5″E
34° 11′ 29.0″N 135° 08′ 20.6″E
34° 11′ 30.0″N 135° 08′ 19.6″E
34° 11′ 32.1″N 135° 08′ 22.3″E
34° 11′ 34.4″N 135° 08′ 19.7″E

Fish haven area [K46.1] bound by dotted line
(limiting danger line) joining
34° 11′ 30.8″N 135° 08′ 11.7″E
34° 11′ 30.4″N 135° 08′ 15.7″E
34° 11′ 29.1″N 135° 08′ 15.5″E
34° 11′ 29.5″N 135° 08′ 11.5″E
(8(233)06 Tokyo)

97224 6Ed. 12/27/97 LAST NM 28/06 29/06
Add Chartlet A, depicting changes in hydrography,
topography and aids to navigation, from
Subsection I-2 34° 12′ 39.0″N 135° 08′ 09.0″E
Chartlet B, depicting changes in hydrography,
topography and aids to navigation, from
Subsection I-2 34° 12′ 03.0″N 135° 08′ 36.0″E
Chartlet C, depicting changes in hydrography
and topography, from Subsection I-2
34° 15′ 21.0″N 135° 05′ 45.0″E
(45(1149)04, 13(357)05, 6(159), 8(233), 16(490)06 Tokyo)

97224 6Ed. 12/27/97 LAST NM 29/06 22/08
Delete Position circle "(R Lt)" 34° 14′ 13.5″N 135° 05′ 49.0″E

Add Double solid line with land tint (breakwater
extension) [F4.1] between 34° 14′ 14.9″N 135° 05′ 45.3″E
34° 14′ 13.5″N 135° 05′ 49.0″E

Double solid line with land tint (breakwater)
[F4.1] 15 meters wide on centerline between
34° 12′ 53.2″N 135° 07′ 11.6″E
34° 12′ 52.9″N 135° 07′ 13.1″E

Double solid line with land tint (breakwater)
[F4.1] 15 meters wide on centerline between
34° 12′ 52.5″N 135° 07′ 15.5″E
34° 12′ 51.7″N 135° 07′ 19.3″E

Position circle "(R Lt)" 34° 14′ 14.9″N 135° 05′ 45.3″E
Position circle "(R Lt)" 34° 12′ 53.2″N 135° 07′ 11.6″E
(11(335)08 Tokyo)

97224 6Ed. 12/27/97 LAST NM 22/08 27/08
Delete Buoy (mooring) "No 5" 34° 12′ 27.0″N 135° 08′ 11.5″E
Buoy (mooring) "No 6" 34° 12′ 37.5″N 135° 08′ 09.0″E
(See 29/06-97224)
(22(754)08 Tokyo)

★**97227** 11Ed. 9/20/97 CHART CANCELED 30/13
(NGA)

★**97228** 16Ed. 7/11/09 NEW EDITION N34/09
(NGA)

97228 16Ed. 7/11/09 LAST NM N34/09 N39/10
Change Light to Fl R 4s 10m 3M 34° 40′ 27.5″N 135° 24′ 21.0″E
(32(1240)10 Tokyo)

★**97231** 11Ed. 8/30/97 NEW EDITION 5/98
Substitute Purple dashed line (section limit) for
dashed line between 34° 45′ 47.8″N 134° 39′ 10.6″E
34° 45′ 47.1″N 134° 39′ 09.5″E

Purple dashed line (section limit) for
solid line between 34° 45′ 40.4″N 134° 40′ 32.7″E
34° 46′ 09.6″N 134° 40′ 32.5″E

Change Vertical clearance of overhead power
cable to "(28)" 34° 46′ 49″N 134° 40′ 46″E

Add Designation "B" to buoy (mooring)
34° 46′ 52.5″N 134° 37′ 25.5″E

Position circle 34° 45′ 54.0″N 134° 39′ 29.6″E
Note: Legend "Y Lt" remains

Legend "Tr" to position circle
34° 46′ 51.8″N 134° 40′ 33.8″E
Legend "Shikama-ku Section 3"
34° 45′ 18.0″N 134° 40′ 42.0″E

Dashed line (overhead power cable)
between 34° 46′ 51.5″N 134° 40′ 37.8″E
34° 46′ 51.8″N 134° 40′ 33.8″E

Purple dashed line (section limit)
between 34° 45′ 50.0″N 134° 37′ 44.0″E
34° 45′ 51.0″N 134° 37′ 40.7″E

between 34° 45′ 42.7″N 134° 38′ 58.3″E
34° 45′ 42.9″N 134° 38′ 59.5″E

between 34° 45′ 01.8″N 134° 40′ 32.5″E
34° 45′ 17.8″N 134° 40′ 57.2″E

between 34° 45′ 23.7″N 134° 40′ 56.9″E
34° 45′ 22.9″N 134° 40′ 58.0″E

between 34° 45′ 27.3″N 134° 41′ 12.2″E
34° 45′ 26.6″N 134° 41′ 10.7″E
(NIMA; 14(583)95 Tokyo; Jpn CH 134A, 134B)

97231 11Ed. 8/30/97 LAST NM 5/98 48/00
Delete Buoy "1" 34° 46′ 14.0″N 134° 38′ 52.0″E
Buoy "3" 34° 46′ 29.7″N 134° 38′ 51.8″E
(9(288)00 Tokyo)

97231 11Ed. 8/30/97 LAST NM 48/00 10/02
Change Visibility (range) of light to 10M
34° 45′ 43.0″N 134° 38′ 58.0″E
Visibility (range) of light to 10M
34° 46′ 09.0″N 134° 36′ 26.0″E
(35(1379), 43(1634)01 Tokyo)

97231 11Ed. 8/30/97 LAST NM 10/02 21/02
Delete Position circle "R Lt" 34° 46′ 35.2″N 134° 39′ 58.8″E
(13(448)02 Tokyo)

97231 11Ed. 8/30/97 LAST NM 21/02 41/02
Delete Depth 2.6 meters 34° 46′ 18.1″N 134° 36′ 02.3″E
Depth 2.6 meters 34° 46′ 20.5″N 134° 36′ 03.2″E
Depth 2.8 meters 34° 46′ 18.1″N 134° 36′ 05.6″E
Legend "Being reclaimed" 34° 46′ 06.7″N 134° 36′ 15.0″E
Depth 5.9 meters 34° 46′ 13.0″N 134° 37′ 06.8″E
Depth 6.1 meters 34° 46′ 11.0″N 134° 37′ 01.2″E
Depth 6.6 meters 34° 46′ 08.5″N 134° 36′ 58.2″E
Depth 6.9 meters 34° 46′ 05.4″N 134° 36′ 59.4″E
Depth 6.4 meters 34° 46′ 09.7″N 134° 37′ 05.0″E

Add Land tint to area bound by shore and solid line
joining 34° 46′ 17.1″N 134° 36′ 05.0″E
34° 46′ 19.9″N 134° 36′ 16.0″E
34° 46′ 18.6″N 134° 36′ 16.6″E

Land tint to area bound by shore, chart border
and solid line joining 34° 46′ 25.0″N 134° 36′ 01.5″E
34° 46′ 25.8″N 134° 36′ 04.8″E
34° 46′ 26.5″N 134° 36′ 04.5″E

Depth 1.6 meters 34° 46′ 17.7″N 134° 36′ 06.4″E
Depth 5.2 meters 34° 46′ 09.2″N 134° 37′ 06.0″E
Depth 2.9 meters Foul [K31]
34° 46′ 07.2″N 134° 36′ 53.7″E
Depth 1.5 meters Foul [K31]
34° 46′ 09.2″N 134° 36′ 57.3″E
Depth 4 meters Foul [K31] 34° 46′ 06.9″N 134° 36′ 56.9″E
Depth 4.4 meters Foul [K31]
34° 46′ 07.7″N 134° 36′ 59.7″E
Depth 4.5 meters Foul [K31]
34° 46′ 04.6″N 134° 36′ 56.9″E
Depth 4.2 meters Foul [K31]
34° 46′ 12.1″N 134° 37′ 07.1″E
Depth 2.5 meters 34° 46′ 12.6″N 134° 37′ 03.3″E
Depth 1.8 meters 34° 46′ 10.0″N 134° 37′ 00.0″E
Depth 5.3 meters 34° 46′ 07.1″N 134° 37′ 02.3″E
(29(1221)98 Tokyo)

97231 11Ed. 8/30/97 LAST NM 41/02 6/03
Change Visibility (range) of light to 4M
34° 45′ 23.5″N 134° 40′ 57.0″E
(47(1618)02 Tokyo)

97231 11Ed. 8/30/97 LAST NM 6/03 23/03
Change Visibility (range) of light to 7M
34° 45′ 27.0″N 134° 41′ 12.0″E
Visibility (range) of light to 3M
34° 45′ 57.0″N 134° 40′ 52.0″E
(14(498)03 Tokyo)

97231 11Ed. 8/30/97 LAST NM 23/03 33/03
Delete Legend "Nets" 34° 46′ 42.0″N 134° 40′ 04.0″E

Substitute Depth 6.6 meters for 7 meters
34° 46′ 40.5″N 134° 40′ 03.3″E

Depth 4.7 meters for 5.1 meters
34° 46′ 39.5″N 134° 39′ 52.0″E

Add Depth 2.2 meters 34° 46′ 42.8″N 134° 40′ 06.0″E
Depth 7.4 meters 34° 46′ 41.6″N 134° 40′ 04.0″E
(16(582)03 Tokyo)

97231 11Ed. 8/30/97 LAST NM 33/03 4/06
Add Chartlet A, depicting changes in hydrography,
topography and aids to navigation, from
Subsection I-2 34° 45′ 42.0″N 134° 36′ 12.0″E
Chartlet B, depicting changes in hydrography,
topography and aids to navigation from
Subsection I-2 34° 46′ 06.0″N 134° 37′ 00.0″E
(36(1377)03, 41(1056)04 Tokyo)

97231 11Ed. 8/30/97 LAST NM 4/06 10/06
Change Light to Fl R 3s 13m 3M 34° 46′ 26.0″N 134° 39′ 29.0″E
(Jpn LL)

97231 11Ed. 8/30/97 LAST NM 10/06 35/06
Add Legend "Lesser depths rep" 34° 46′ 54.0″N 134° 39′ 35.0″E
Legend "Lesser depths rep" 34° 46′ 23.0″N 134° 39′ 15.0″E
(28(839)06 Tokyo)

97231 11Ed. 8/30/97 LAST NM 35/06 37/09
Delete Position circle "Y Lt" 34° 45′ 54.0″N 134° 39′ 29.6″E

Add Position circle "Y Lt" 34° 46′ 00.0″N 134° 38′ 44.2″E
Position circle "Y Lt" 34° 45′ 58.8″N 134° 38′ 45.1″E
(Jpn CH W134B)

97231 11Ed. 8/30/97 LAST NM 37/09 12/10
Change Light to Fl R 3s 17m 7M 34° 45′ 50.0″N 134° 37′ 44.0″E
(2(54)10 Tokyo)

★**97232** 9Ed. 10/25/03 NEW EDITION 7/04
(NGA)

97232 9Ed. 10/25/03 LAST NM 7/04 23/04
Add Fish haven symbol [K46.1] 34° 14′ 42.0″N 134° 41′ 24.0″E
(14(392)04 Tokyo)

97232 9Ed. 10/25/03 LAST NM 23/04 52/04
Substitute Depth 13.1 meters rky for 14.6 meters
34° 10′ 56.1″N 134° 40′ 00.4″E

Add Depth 14.2 meters rky 34° 10′ 42.1″N 134° 40′ 11.5″E
Depth 13.6 meters rky 34° 10′ 56.0″N 134° 39′ 41.5″E
Depth 10 meters rky 34° 10′ 57.1″N 134° 39′ 22.1″E
Depth 10.5 meters rky 34° 11′ 03.0″N 134° 39′ 27.2″E
Depth 15.6 meters rky 34° 11′ 10.3″N 134° 40′ 07.8″E
(44(1139)04 Tokyo)

97232 9Ed. 10/25/03 LAST NM 52/04 2/05
Add Fish haven symbol [K46.1] 34° 13′ 28.0″N 134° 41′ 58.0″E
(47(1214)04 Tokyo)

97232 9Ed. 10/25/03 LAST NM 2/05 9/05
Add Fish haven symbol [K46.1] 34° 14′ 31.0″N 134° 41′ 02.0″E
Fish haven symbol [K46.1] 34° 14′ 34.0″N 134° 41′ 51.0″E
(2(40)05 Tokyo)

97232 9Ed. 10/25/03 LAST NM 9/05 11/06
Add Fish haven symbol [K46.1] 34° 11′ 42.0″N 134° 43′ 05.0″E
(2(39)06 Tokyo)

97232 9Ed. 10/25/03 LAST NM 11/06 17/06
Add Fish haven symbol [K46.1] 34° 15′ 35.0″N 134° 39′ 31.0″E
(9(264)06 Tokyo)

97232 9Ed. 10/25/03 LAST NM 17/06 22/06
Add Fish haven symbol [K46.1] 34° 13′ 39.0″N 134° 42′ 07.0″E
(14(429)06 Tokyo)

97232 9Ed. 10/25/03 LAST NM 22/06 50/07
Add Fish haven symbol [K46.1] 34° 13′ 49.1″N 134° 41′ 59.8″E
(14(446)07 Tokyo)

97232 9Ed. 10/25/03 LAST NM 50/07 19/08
Add Fish haven symbol [K46.1] 34° 11′ 58.0″N 134° 42′ 27.0″E

Depth 1.7 meters enclosed by depth contour
(5-meter) centered 34° 11′ 23.6″N 134° 36′ 53.9″E

Fish haven symbol [K46.1] 34° 11′ 27.0″N 134° 38′ 34.0″E
Fish haven symbol [K46.1] 34° 11′ 22.0″N 134° 38′ 43.0″E
(46(1526)07, 11(336, 337)08 Tokyo)

97232 9Ed. 10/25/03 LAST NM 19/08 31/09
Add Position circle "Y Lt" 34° 13′ 12.8″N 134° 38′ 08.4″E
Position circle "Y Lt" 34° 13′ 08.7″N 134° 38′ 05.2″E
Position circle "Y Lt" 34° 13′ 04.6″N 134° 38′ 01.9″E
Position circle "Y Lt" 34° 13′ 00.5″N 134° 37′ 58.7″E
Position circle "Y Lt" 34° 12′ 13.2″N 134° 37′ 41.0″E
Position circle "Y Lt" 34° 12′ 10.0″N 134° 37′ 40.3″E
Position circle "Y Lt" 34° 12′ 08.4″N 134° 37′ 39.9″E
Position circle "Y Lt" 34° 12′ 05.2″N 134° 37′ 39.1″E
(17(713)09 Tokyo)

★97235 2Ed. 10/4/03 CHART CANCELED 27/13
(NGA)

★97238 11Ed. 8/30/97 NEW EDITION 2/98
Add Fish haven symbol 34° 26′ 13.5″N 133° 47′ 03.3″E

Caution No. 3 and 4 to CAUTIONS note
"3. Differences in latitude and
longitude may exist between this
and other charts of the area;
therefore, the transfer of
positions from one chart to
another should be done by
bearings and distances from
common features.
4. Attention is called to the fact
that in many cases pipelines
are not buried, and charted
depths may be decreased by up to
two meters. Vessels are requested
not to anchor or trawl in the
vicinity of pipelines." 34° 28′ 40.0″N 133° 43′ 12.0″E

Note
"NOTE
The Traffic Separation Scheme(s) on this
chart is not approved by the
International Maritime Organization
(IMO)." 34° 29′ 00.0″N 133° 43′ 12.0″E

Legend "CAUTION NO 4"
between 34° 29′ 15.0″N 133° 44′ 31.0″E
34° 29′ 18.0″N 133° 44′ 41.0″E

between 34° 31′ 04.0″N 133° 44′ 13.0″E
34° 31′ 02.0″N 133° 44′ 21.0″E
(NIMA; 24(1083)97 Tokyo)

97238 11Ed. 8/30/97 LAST NM 2/98 25/99
Add Position circle "(G Lt)" 34° 26′ 38.5″N 133° 46′ 47.7″E
(10(434)98 Tokyo)

97238 11Ed. 8/30/97 LAST NM 25/99 12/04
Delete Depth 2.9 meters 34° 29′ 49.0″N 133° 45′ 46.0″E
Depth 4.2 meters 34° 29′ 41.9″N 133° 45′ 42.9″E
Depth 1 meter 34° 29′ 19.0″N 133° 45′ 00.0″E
Depth 6.4 meters 34° 29′ 14.6″N 133° 45′ 03.8″E
Depth 7.4 meters 34° 29′ 13.2″N 133° 45′ 08.6″E
Depth 1.2 meters 34° 29′ 13.2″N 133° 45′ 11.9″E
Depth 7.3 meters 34° 29′ 11.9″N 133° 45′ 00.0″E

Substitute Depth 6.1 meters for 5.1 meters
34° 29′ 49.0″N 133° 45′ 43.2″E
Depth 4.4 meters for 2.1 meters
34° 29′ 44.0″N 133° 45′ 44.4″E

Add Land tint to area bound by shore and solid line
[F13] joining 34° 29′ 45.5″N 133° 45′ 48.0″E
34° 29′ 45.6″N 133° 45′ 47.0″E
34° 29′ 43.4″N 133° 45′ 46.5″E
34° 29′ 43.2″N 133° 45′ 45.0″E
34° 29′ 42.1″N 133° 45′ 45.0″E
34° 29′ 41.5″N 133° 45′ 45.9″E
34° 29′ 41.6″N 133° 45′ 46.0″E
34° 29′ 41.6″N 133° 45′ 47.0″E
34° 29′ 45.0″N 133° 45′ 47.2″E
34° 29′ 45.2″N 133° 45′ 48.0″E

Land tint to area bound by shore and solid line
[F13] joining 34° 29′ 15.8″N 133° 45′ 15.0″E
34° 29′ 13.0″N 133° 45′ 14.0″E
34° 29′ 15.8″N 133° 45′ 04.2″E
34° 29′ 19.5″N 133° 45′ 02.2″E
and delete all hydrography within above area

Foul ground symbol [K31] 34° 29′ 16.0″N 133° 45′ 01.9″E

Dolphin [F20] 34° 29′ 46.6″N 133° 45′ 47.0″E
Dolphin [F20] 34° 29′ 44.8″N 133° 45′ 46.0″E
Dolphin [F20] 34° 29′ 43.8″N 133° 45′ 46.1″E
Dolphin [F20] 34° 29′ 13.4″N 133° 45′ 10.8″E
Dolphin [F20] 34° 29′ 40.2″N 133° 45′ 46.8″E

Depth 2.2 meters 34° 29′ 50.2″N 133° 45′ 46.5″E
Depth 0.6 meter 34° 29′ 47.5″N 133° 45′ 46.3″E
Depth 4.6 meters 34° 29′ 42.2″N 133° 45′ 42.8″E
Depth 4.7 meters 34° 29′ 40.5″N 133° 45′ 42.1″E
Depth 0.3 meter 34° 29′ 18.1″N 133° 45′ 01.9″E
Depth 0.7 meter 34° 29′ 17.0″N 133° 45′ 02.8″E
Depth 2 meters 34° 29′ 16.4″N 133° 45′ 02.1″E
Depth 2.8 meters 34° 29′ 15.5″N 133° 45′ 02.5″E
Depth 1.4 meters 34° 29′ 15.5″N 133° 45′ 04.0″E
Depth 4.9 meters 34° 29′ 14.1″N 133° 45′ 04.9″E
Depth 1.7 meters 34° 29′ 14.2″N 133° 45′ 06.4″E
Depth 7.4 meters 34° 29′ 13.0″N 133° 45′ 06.6″E
Depth 1.6 meters 34° 29′ 13.5″N 133° 45′ 09.0″E
Depth 0.9 meter 34° 29′ 13.5″N 133° 45′ 14.6″E
Depth 8.6 meters 34° 29′ 10.2″N 133° 45′ 11.1″E
Depth 8 meters 34° 29′ 11.3″N 133° 45′ 08.3″E
Depth 8.2 meters 34° 29′ 11.8″N 133° 45′ 00.5″E
Depth 1.7 meters 34° 29′ 16.8″N 133° 45′ 00.5″E
(2(24)04 Tokyo)

97238 11Ed. 8/30/97 LAST NM 12/04 28/08
Change Light to Fl(2) G 5s 13m 5M
34° 28′ 07.3″N 133° 44′ 00.6″E
(16(497)08 Tokyo)

97238 11Ed. 8/30/97 LAST NM 28/08 31/09
Add "Anchoring Prohibited" area [N20] bound by
chart border and purple composite line joining
34° 28′ 29.5″N 133° 42′ 46.3″E
34° 28′ 06.5″N 133° 44′ 01.0″E
34° 27′ 55.8″N 133° 44′ 01.4″E
34° 28′ 18.9″N 133° 42′ 46.3″E
Note: Area extends beyond chart border
(16(673)09 Tokyo)

97238 11Ed. 8/30/97 LAST NM 31/09 31/11
Change Beacon to Q 13m 5M 34° 25′ 54.5″N 133° 45′ 38.4″E
(Jpn LL)

★97239 10Ed. 2/28/98 NEW EDITION 37/98
Delete "Spoil Area" in vicinity 34° 20′ 42″N 133° 13′ 06″E
Dangerous wreck 34° 16′ 42″N 133° 32′ 21″E

(continued on next page)

97239 (Continued) 37/98
Submarine cables (2) between 34° 20′ 33″N 133° 30′ 36″E
34° 20′ 45″N 133° 31′ 12″E

Submarine cables (2) in vicinity
34° 21′ 30″N 133° 24′ 00″E

Add Fish haven symbol 34° 13′ 44.0″N 133° 10′ 27.0″E
34° 14′ 55.0″N 133° 13′ 13.0″E
34° 13′ 52.0″N 133° 14′ 51.0″E
34° 20′ 41.0″N 133° 25′ 33.0″E
34° 21′ 34.0″N 133° 16′ 11.0″E
(NIMA; GIMM014/98)

97239 10Ed. 2/28/98 LAST NM 37/98 10/99
Add "Fish haven" area with blue tint bound
by dotted line (limiting danger line)
joining 34° 20′ 09″N 133° 26′ 43″E
34° 20′ 03″N 133° 26′ 42″E
34° 20′ 04″N 133° 26′ 49″E
34° 19′ 56″N 133° 26′ 50″E
34° 19′ 56″N 133° 26′ 42″E
34° 19′ 58″N 133° 26′ 31″E
34° 20′ 12″N 133° 26′ 31″E

joining 34° 20′ 15″N 133° 26′ 57″E
34° 20′ 06″N 133° 27′ 09″E
34° 19′ 59″N 133° 27′ 01″E
34° 19′ 57″N 133° 26′ 53″E
34° 20′ 04″N 133° 26′ 49″E
34° 20′ 06″N 133° 26′ 51″E
34° 20′ 09″N 133° 26′ 48″E
(4(133)99 Tokyo)

97239 10Ed. 2/28/98 LAST NM 10/99 36/99
Add Fish haven symbol 34° 21′ 31.0″N 133° 33′ 26.0″E
(27(1161)99 Tokyo)

97239 10Ed. 2/28/98 LAST NM 36/99 24/01
Change Visibility (range) of light to 17M
34° 15′ 42.0″N 133° 33′ 30.0″E
(14(491)01 Tokyo)

97239 10Ed. 2/28/98 LAST NM 24/01 46/01
Delete Submarine cable in vicinity 34° 11′ 00.0″N 133° 06′ 24.0″E
Submarine cable in vicinity 34° 11′ 00.0″N 133° 06′ 37.0″E
Submarine cable in vicinity 34° 11′ 00.0″N 133° 06′ 50.0″E
Submarine cable in vicinity 34° 10′ 44.0″N 133° 06′ 06.0″E
(7(227)00 Tokyo)

97239 10Ed. 2/28/98 LAST NM 46/01 31/02
Delete Submarine cables (2) in vicinity
34° 20′ 54.0″N 133° 11′ 54.0″E
Submarine power cable in vicinity
34° 20′ 54.0″N 133° 11′ 40.0″E
Submarine power cable in vicinity
34° 21′ 12.0″N 133° 23′ 42.0″E

Legend "SS" 34° 21′ 22.0″N 133° 10′ 55.0″E

Add Light Fl G 3s 9m 3M 34° 18′ 32.0″N 133° 32′ 14.0″E

Submarine cable (power) [L31.1] joining
34° 21′ 16.0″N 133° 11′ 30.0″E
34° 20′ 39.7″N 133° 11′ 39.3″E
34° 20′ 10.6″N 133° 11′ 29.5″E
(22(935), 50(1985)99, 12(393), 48(1729)00, 28(1085)01 Tokyo)

97239 10Ed. 2/28/98 LAST NM 31/02 33/02
Add Light Fl(2) G 6s 9m 3M 34° 20′ 33.4″N 133° 26′ 56.1″E
(6(177)02 Tokyo)

97239 10Ed. 2/28/98 LAST NM 33/02 1/03
Add Legend "Lesser depths rep (2002)"
34° 21′ 16.0″N 133° 11′ 37.0″E
(45(1566)02 Tokyo)

97239 10Ed. 2/28/98 LAST NM 1/03 5/03
Delete Submarine cable in vicinity 34° 14′ 00.0″N 133° 14′ 00.0″E
Submarine cable in vicinity
34° 13′ 00.0″N 133° 15′ 42.0″E
(14(591)99 Tokyo)

97239 10Ed. 2/28/98 LAST NM 5/03 9/03
Add Fish haven symbol [K46.1] 34° 19′ 54.0″N 133° 29′ 59.0″E
(3(82)03 Tokyo)

97239 10Ed. 2/28/98 LAST NM 9/03 16/03
Add Dangerous wreck [K28] 34° 09′ 45.1″N 133° 22′ 52.2″E
(9(320)03 Tokyo)

97239 10Ed. 2/28/98 LAST NM 16/03 23/03
Add Dangerous wreck [K28] 34° 15′ 50.0″N 133° 30′ 51.0″E
(17(657)03 Tokyo)

97239 10Ed. 2/28/98 LAST NM 23/03 49/04
Change Characteristic of buoy to Mo(A) 8s
34° 21′ 18.0″N 133° 23′ 46.0″E
Characteristic of buoy "1" to Iso 4s
34° 19′ 44.0″N 133° 31′ 39.0″E
Characteristic of buoy "2" to Iso 4s
34° 20′ 06.0″N 133° 28′ 41.0″E
Characteristic of buoy "2" to Iso 4s
34° 10′ 35.0″N 133° 11′ 30.0″E
Characteristic of buoy "3" to Iso 4s
34° 12′ 37.0″N 133° 15′ 12.0″E
Characteristic of buoy "4" to Mo(A) 8s
34° 13′ 54.0″N 133° 20′ 15.0″E
Characteristic of buoy "5" to Mo(A) 8s
34° 15′ 10.0″N 133° 25′ 23.0″E
Characteristic of buoy "6" to Mo(A) 8s
34° 16′ 08.0″N 133° 29′ 00.0″E
Characteristic of buoy "2" to Mo(A) 8s
34° 06′ 28.0″N 133° 21′ 34.0″E
(40(1029-1031)04 Tokyo)

97239 10Ed. 2/28/98 LAST NM 49/04 52/04
Change Characteristic of buoy "2" to Mo(A) 8s
34° 10′ 35.0″N 133° 11′ 30.0″E
(See 49/04-97239)
(43(1107)04 Tokyo)

97239 10Ed. 2/28/98 LAST NM 52/04 3/05
Add Dangerous wreck [K28] 34° 17′ 07.1″N 133° 15′ 16.5″E
(48(1249)04 Tokyo)

97239 10Ed. 2/28/98 LAST NM 3/05 9/05
Add Fish haven symbol [K46.1] 34° 20′ 33.0″N 133° 17′ 16.0″E
(2(41)05 Tokyo)

97239 10Ed. 2/28/98 LAST NM 9/05 10/05
Delete Light 34° 20′ 57.5″N 133° 25′ 59.0″E

Add Light Fl G 4s 14m 7M 34° 21′ 01.5″N 133° 25′ 55.6″E

Solid line (breakwater) [F4.1] between
34° 21′ 01.5″N 133° 25′ 55.6″E
34° 21′ 00.2″N 133° 25′ 58.9″E
(26(688)04 Tokyo)

97239 10Ed. 2/28/98 LAST NM 10/05 41/05
Delete Dangerous wreck 34° 17′ 07.1″N 133° 15′ 16.5″E
(Supersedes 3/05-97239)
(32(991)05 Tokyo)

97239 10Ed. 2/28/98 LAST NM 41/05 25/06
Change Visibility (range) of light to 7/3M
34° 15′ 03.0″N 133° 34′ 30.0″E
Visibility (range) of light to 11M
34° 15′ 42.0″N 133° 33′ 30.0″E
(9(266)06 Tokyo)

97239 10Ed. 2/28/98 LAST NM 25/06 24/08
Change Visibility (range) of light to 11M
34° 21′ 58.0″N 133° 20′ 48.0″E
Visibility (range) of light to 5M
34° 21′ 32.0″N 133° 20′ 20.0″E

Light to Fl(2) R 6s 14m 3M
34° 21′ 02.0″N 133° 17′ 22.0″E

Visibility (range) of light to 20M
34° 18′ 02.0″N 133° 16′ 32.0″E
Visibility (range) of light to 8M
34° 12′ 21.0″N 133° 07′ 20.0″E
Visibility (range) of light to 3M
34° 12′ 21.0″N 133° 07′ 50.0″E
Visibility (range) of beacon to 8M
34° 11′ 42.0″N 133° 07′ 46.0″E
(Jpn LL)

97239 10Ed. 2/28/98 LAST NM 24/08 27/08
Change Visibility (range) of light to 17M
34° 11′ 44.0″N 133° 16′ 04.0″E
Visibility (range) of beacon to 5M
34° 21′ 55.0″N 133° 21′ 38.0″E
Visibility (range) of light to 8M
34° 17′ 59.0″N 133° 11′ 46.0″E
(Jpn LL)

97239 10Ed. 2/28/98 LAST NM 27/08 35/09
Delete Light 34° 10′ 49.0″N 133° 19′ 16.0″E
Light 34° 10′ 53.0″N 133° 19′ 12.0″E
(23(974)09 Tokyo)

97239 10Ed. 2/28/98 LAST NM 35/09 37/09
Add Fish haven symbol [K46.1] 34° 14′ 25.0″N 133° 15′ 32.0″E
(24(1039)09 Tokyo)

97239 10Ed. 2/28/98 LAST NM 37/09 43/09
Add Fish haven symbol [K46.1] 34° 16′ 09.9″N 133° 13′ 53.3″E
Fish haven symbol [K46.1] 34° 15′ 06.9″N 133° 13′ 12.4″E
(38(1626)09 Tokyo)

97239 10Ed. 2/28/98 LAST NM 43/09 46/10
Change Light to Fl G 5s 11m 5M 34° 12′ 21.0″N 133° 07′ 20.0″E
Visibility (range) of beacon to 5M
34° 11′ 42.0″N 133° 07′ 46.0″E
(Jpn LL)

97239 10Ed. 2/28/98 LAST NM 46/10 8/12
Change Visibility (range) of light to 14M
34° 18′ 00.0″N 133° 32′ 02.0″E
Visibility (range) of beacon to 5M
34° 21′ 56.5″N 133° 25′ 35.8″E
(Jpn LL)

★97243 9Ed. 5/10/08 NEW EDITION N33/08
Change Visibility (range) of light to 8M
34° 16′ 24.0″N 132° 54′ 51.5″E
(Previously published 24/08)

Add Fish haven symbol [K46.1] 34° 19′ 53.7″N 132° 58′ 30.4″E
(Previously published 32/08)
(NGA)

97243 9Ed. 5/10/08 LAST NM N33/08 N31/09
Delete Light and sector limits 34° 16′ 38.0″N 132° 56′ 27.0″E

Change Visibility (range) of light to 5M
34° 16′ 39.0″N 132° 56′ 32.0″E
Visibility (range) of light to 4M
34° 16′ 24.0″N 132° 54′ 58.0″E
(25(1073)09 Tokyo)

97243 9Ed. 5/10/08 LAST NM N31/09 N34/09
Delete Submarine cable between 34° 15′ 43.8″N 133° 09′ 54.0″E
34° 15′ 50.2″N 133° 10′ 13.0″E
Note: Northern submarine cable remains
(20(834)09 Tokyo)

97243 9Ed. 5/10/08 LAST NM N34/09 N37/09
Add Fish haven symbol [K46.1] 34° 14′ 25.0″N 133° 15′ 32.0″E
Fish haven symbol [K46.1] 34° 13′ 48.0″N 133° 14′ 54.0″E
(24(1039)09 Tokyo)

97243 9Ed. 5/10/08 LAST NM N37/09 N39/09
Add Fish haven symbol [K46.1] 34° 19′ 33.0″N 133° 01′ 39.0″E
(29(1266)09 Tokyo)

97243 9Ed. 5/10/08 LAST NM N39/09 N43/09
Add Fish haven symbol [K46.1] 34° 15′ 40.6″N 133° 10′ 04.9″E
Fish haven symbol [K46.1] 34° 15′ 40.3″N 133° 10′ 14.2″E
Fish haven symbol [K46.1] 34° 16′ 09.9″N 133° 13′ 53.3″E
Fish haven symbol [K46.1] 34° 15′ 06.9″N 133° 13′ 12.4″E
Fish haven symbol [K46.1] 34° 14′ 56.0″N 133° 07′ 33.0″E
Fish haven symbol [K46.1] 34° 14′ 29.0″N 133° 08′ 11.0″E
(38(1626)09 Tokyo)

97243 9Ed. 5/10/08 LAST NM N43/09 N50/09
Change Visibility (range) of light to 4M
34° 20′ 09.0″N 132° 59′ 42.0″E
(29(1267)09 Tokyo)

97243 9Ed. 5/10/08 LAST NM N50/09 N12/10
Change Visibility (range) of light to 5M
34° 16′ 01.0″N 133° 02′ 41.0″E
(2(55)10 Tokyo)

97243 9Ed. 5/10/08 LAST NM N12/10 N16/10
Change Visibility (range) of beacon to 3M
34° 21′ 38.0″N 133° 07′ 32.0″E
(6(226)10 Tokyo)

97243 9Ed. 5/10/08 LAST NM N16/10 N43/10
Change Visibility (range) of light to 4M
34° 21′ 35.0″N 133° 07′ 00.0″E
Visibility (range) of beacon to 3M
34° 22′ 24.0″N 133° 08′ 20.0″E
(Jpn LL)

97243 9Ed. 5/10/08 LAST NM N43/10 N46/10
Change Light to Fl G 5s 11m 5M 34° 12′ 20.0″N 133° 07′ 20.0″E

Visibility (range) of beacon to 5M
34° 11′ 40.0″N 133° 07′ 47.0″E
(Jpn LL)

97243 9Ed. 5/10/08 LAST NM N46/10 N22/12
Add Fish haven symbol [K46.1] 34° 21′ 18.0″N 133° 07′ 33.0″E
Fish haven symbol [K46.1] 34° 19′ 45.8″N 133° 01′ 30.7″E
(19(378, 379)12 Tokyo)

★97244 5Ed. 11/21/98 NEW EDITION 17/99
Delete Fish haven symbol 33° 59′ 25″N 133° 18′ 30″E
Buoy 33° 59′ 18″N 133° 16′ 09″E

Add Fish haven symbol 33° 59′ 24.6″N 133° 17′ 30.4″E
(NIMA; 14(618), 30(1264)98 Tokyo)

97244 5Ed. 11/21/98 LAST NM 17/99 9/03
(Continuation)
Change Characteristic of buoy to Mo(A) R 8s
33° 59′ 50.0″N 133° 20′ 03.2″E
(50(1757)02 Tokyo)

97244 5Ed. 11/21/98 LAST NM 9/03 18/05
Change Legend "Oil" to "Gas" 33° 58′ 31.0″N 133° 16′ 33.0″E
Legend "Oil" to "Gas" 33° 58′ 30.0″N 133° 16′ 34.0″E

Add Legend "Gas" to submarine pipeline
33° 58′ 47.0″N 133° 15′ 48.0″E
Legend "Gas" to submarine pipeline
33° 58′ 23.0″N 133° 15′ 48.0″E

Submarine pipeline [L40.1] with legend "Gas"
between 33° 58′ 27.3″N 133° 16′ 36.1″E
33° 58′ 30.2″N 133° 16′ 39.8″E

Submarine pipeline [L40.1] with legend "Gas"
between 33° 58′ 25.5″N 133° 16′ 39.3″E
33° 58′ 28.3″N 133° 16′ 43.3″E

Submarine pipeline [L40.1] with legend "Gas"
between 33° 58′ 06.0″N 133° 16′ 14.3″E
33° 58′ 08.3″N 133° 16′ 14.9″E

Submarine pipeline [L40.1] with legend "Gas"
between 33° 57′ 47.3″N 133° 15′ 40.6″E
33° 57′ 47.7″N 133° 15′ 43.8″E
(12(328)05 Tokyo)

97244 5Ed. 11/21/98 LAST NM 18/05 22/05
(Continuation)
Delete Dashed line between 33° 59′ 00.5″N 133° 20′ 00.0″E
33° 59′ 01.5″N 133° 19′ 59.0″E

Substitute Solid line for dashed line joining
33° 59′ 07.5″N 133° 19′ 58.4″E
33° 59′ 01.5″N 133° 19′ 59.0″E
33° 59′ 01.0″N 133° 19′ 57.0″E
and add land tint to area bound by shore and
above solid line
Note: Construction completed

Add Dashed line between 33° 59′ 06.2″N 133° 19′ 59.8″E
33° 59′ 00.5″N 133° 20′ 00.0″E

Depth 4.9 meters 33° 59′ 05.5″N 133° 19′ 59.3″E
Depth 5 meters 33° 59′ 02.0″N 133° 19′ 59.5″E
(13(358)05 Tokyo)

97244 5Ed. 11/21/98 LAST NM 22/05 9/06
Add Legend "Lesser depths reported" between
33° 58′ 22.0″N 133° 15′ 43.0″E
33° 58′ 37.0″N 133° 15′ 42.0″E
(46(1394)05 Tokyo)

97244 5Ed. 11/21/98 LAST NM 9/06 15/06
Change Light to Fl(2) G 6s 13m 7M
33° 58′ 50.0″N 133° 15′ 56.0″E
(51(1542)05 Tokyo)

97244 5Ed. 11/21/98 LAST NM 15/06 17/08
Delete Light 33° 57′ 47.0″N 133° 15′ 18.0″E
Light 33° 57′ 46.0″N 133° 15′ 20.0″E
(49(1637)07 Tokyo)

97244 5Ed. 11/21/98 LAST NM 17/08 39/09
(Continuation of Niihama-Ko)
Delete Buoy 33° 59′ 57.2″N 133° 20′ 28.5″E
(Jpn CH W1120)

97244 5Ed. 11/21/98 LAST NM 39/09 7/10
Delete Position circle "Y Lt" 33° 59′ 14.2″N 133° 17′ 50.8″E
Buoy 33° 59′ 07.1″N 133° 17′ 30.6″E

(Continuation of Niihama-Ko)
Change Legend at position circle to "Y Lt"
33° 59′ 36.1″N 133° 19′ 51.2″E
(17(526, 527)06 Tokyo)

★97245 11Ed. 2/28/98 NEW EDITION 21/98
Substitute Beacons, each Y, "X" topmark,
Fl Y 3s 6m 5M for light symbol
"R" 34° 39′ 32″N 135° 23′ 37″E
"Q" 34° 39′ 29″N 135° 23′ 54″E

Double solid line with land tint for
double dashed line between 34° 42′ 05″N 135° 24′ 51″E
34° 42′ 11″N 135° 24′ 46″E

Change Buoy to "No 3" G, can topmark, Fl G 3s
34° 39′ 35″N 135° 23′ 57″E

Add Vertical clearance 21 meters to bridge
34° 42′ 09.0″N 135° 24′ 49.5″E
Designation "S" to beacon 34° 39′ 34.0″N 135° 23′ 19.7″E

Submarine pipeline (water) between
34° 42′ 53.5″N 135° 18′ 51.7″E
34° 42′ 58.4″N 135° 18′ 50.4″E

Double solid line with land tint
(bridge) joining 34° 42′ 55.0″N 135° 18′ 59.1″E
34° 42′ 58.7″N 135° 18′ 57.9″E
34° 42′ 59.4″N 135° 18′ 55.6″E

Caution note in left upper margin of
chart
"CAUTION
Differences in latitude and longitude
may exist between this and other charts
of the area; therefore, the transfer of
positions from one chart to another
should be done by bearings and distances
from common features."
(NIMA; GIMM014/98)

97245 11Ed. 2/28/98 LAST NM 21/98 40/98
Add Danger circle "Wavemeter" 34° 39′ 39″N 135° 22′ 40″E
34° 39′ 36″N 135° 23′ 54″E
34° 39′ 28″N 135° 23′ 57″E
(30(1281)98 Tokyo)

97245 11Ed. 2/28/98 LAST NM 40/98 52/98
Add Purple composite line (entry prohibited
limit) joining 34° 41′ 43.6″N 135° 23′ 04.3″E
34° 41′ 42.0″N 135° 23′ 08.4″E
34° 41′ 42.4″N 135° 23′ 10.8″E

Legend "Entry Prohibited" 34° 41′ 50.0″N 135° 23′ 12.0″E
(32(1338)98 Tokyo)

97245 11Ed. 2/28/98 LAST NM 52/98 2/99
Delete "Entry Prohibited" area in vicinity
34° 42′ 02″N 135° 21′ 47″E
Position circle "Pile" 34° 41′ 41″N 135° 23′ 32″E

Depth
6 meters 34° 42′ 06″N 135° 21′ 39″E
4.7 meters 34° 42′ 08″N 135° 21′ 44″E
5.2 meters 34° 42′ 07″N 135° 21′ 44″E
4.3 meters 34° 41′ 44″N 135° 23′ 35″E
5.3 meters 34° 41′ 45″N 135° 23′ 37″E
5.5 meters 34° 41′ 49″N 135° 23′ 40″E
9.8 meters 34° 41′ 14″N 135° 23′ 10″E
10 meters 34° 41′ 15″N 135° 23′ 13″E
10 meters 34° 41′ 12″N 135° 23′ 09″E
10 meters 34° 41′ 13″N 135° 23′ 13″E
8.6 meters 34° 41′ 13″N 135° 23′ 16″E
8 meters 34° 41′ 09″N 135° 23′ 10″E
7.6 meters 34° 41′ 10″N 135° 23′ 12″E
7 meters 34° 41′ 11″N 135° 23′ 15″E
6.9 meters 34° 41′ 12″N 135° 23′ 18″E
9 meters 34° 41′ 15″N 135° 23′ 16″E
6.8 meters 34° 41′ 11″N 135° 23′ 18″E

Add Land tint to area bound by shore and
solid line between 34° 42′ 01.4″N 135° 21′ 41.1″E
34° 42′ 05.9″N 135° 21′ 47.0″E
Depth
8 meters 34° 42′ 05.8″N 135° 21′ 40.0″E
4.4 meters 34° 42′ 04.1″N 135° 21′ 40.5″E
7.4 meters 34° 42′ 05.1″N 135° 21′ 41.6″E
3.8 meters Foul 34° 42′ 08.0″N 135° 21′ 43.8″E
5.6 meters 34° 42′ 03.0″N 135° 21′ 42.0″E
1.3 meters 34° 42′ 03.6″N 135° 21′ 43.5″E
1.3 meters 34° 42′ 05.3″N 135° 21′ 45.8″E
6.7 meters 34° 41′ 43.5″N 135° 23′ 34.6″E
6.6 meters 34° 41′ 45.5″N 135° 23′ 36.0″E
6.8 meters 34° 41′ 47.0″N 135° 23′ 37.2″E
6.8 meters 34° 41′ 48.6″N 135° 23′ 38.0″E
9.9 meters 34° 41′ 13.8″N 135° 23′ 07.7″E
9.6 meters 34° 41′ 14.3″N 135° 23′ 09.1″E
12.6 meters 34° 41′ 15.2″N 135° 23′ 11.6″E
9.4 meters 34° 41′ 16.8″N 135° 23′ 12.4″E
9.5 meters 34° 41′ 15.8″N 135° 23′ 15.6″E
12.1 meters 34° 41′ 10.8″N 135° 23′ 10.6″E
12.3 meters 34° 41′ 14.9″N 135° 23′ 15.5″E
12.2 meters 34° 41′ 09.4″N 135° 23′ 12.1″E
12.2 meters 34° 41′ 10.9″N 135° 23′ 14.8″E
12.3 meters 34° 41′ 12.2″N 135° 23′ 16.9″E
10.2 meters 34° 41′ 08.1″N 135° 23′ 14.8″E
11.8 meters 34° 41′ 09.1″N 135° 23′ 17.6″E
(45(1947)97 Tokyo)

97245 11Ed. 2/28/98 LAST NM 2/99 5/99
Add Double solid line with land tint
(bridge) 16 meters wide and vertical
clearance 10 meters, on centerline
between 34° 40′ 13.8″N 135° 24′ 24.4″E
34° 40′ 16.6″N 135° 24′ 32.5″E
(48(1990)98 Tokyo)

97245 11Ed. 2/28/98 LAST NM 5/99 14/99
Add Submarine pipeline (water) between
34° 43′ 03.9″N 135° 20′ 27.0″E
34° 43′ 14.7″N 135° 20′ 45.7″E
(8(304)99 Tokyo)

97245 11Ed. 2/28/98 LAST NM 14/99 20/99
Add Legend "CAUTION" between 34° 40′ 28″N 135° 24′ 08″E
34° 40′ 17″N 135° 24′ 26″E

Caution note "CAUTION
Depths of up to 2 meters less than
charted may exist in the area." 34° 43′ 10″N 135° 23′ 53″E
(10(428))99 Tokyo)

97245 11Ed. 2/28/98 LAST NM 14/99 21/99
Change Caution note to "CAUTIONS
1. Depths up to 2 meters less than
charted may exist in the area.
2. Depths up to 3 meters less than
charted may exist in the area."
34° 43′ 09″N 135° 23′ 53″E

Legend "CAUTION" to "CAUTION NO. 1"
34° 40′ 22″N 135° 24′ 18″E

Add Legend "CAUTION NO 2" 34° 40′ 12″N 135° 23′ 00″E
34° 41′ 15″N 135° 24′ 40″E
(11(476)99 Tokyo)

97245 11Ed. 2/28/98 LAST NM 21/99 41/99
Add Chartlet, depicting changes in hydrography,
from Subsection I-2 34° 39′ 54.0″N 135° 23′ 27.0″E
(37(1542)98 Tokyo)

97245 11Ed. 2/28/98 LAST NM 41/99 52/00
Add Position circle [E22] "Chy (127)"
34° 39′ 53.5″N 135° 24′ 20.4″E
(30(1073)00 Tokyo)

97245 11Ed. 2/28/98 LAST NM 52/00 3/01
Add Depth 8.6 meters 34° 42′ 01.2″N 135° 20′ 33.1″E
Depth 8.5 meters 34° 41′ 59.2″N 135° 20′ 32.7″E
(34(1234)00 Tokyo)

97245 11Ed. 2/28/98 LAST NM 3/01 13/01
Add Depth 10.6 meters 34° 40′ 30.6″N 135° 21′ 59.9″E
Depth 10.4 meters 34° 40′ 26.7″N 135° 21′ 56.4″E
Depth 10.7 meters 34° 40′ 23.7″N 135° 21′ 54.3″E
(36(1320)00 Tokyo)

97245 11Ed. 2/28/98 LAST NM 13/01 40/01
Delete Light 34° 41′ 42.0″N 135° 22′ 43.0″E
Light (Iso R 4s) 34° 41′ 52.4″N 135° 23′ 46.1″E
(46(1650)00 Tokyo)

97245 11Ed. 2/28/98 LAST NM 40/01 43/01
Change Legend to "Section 6" 34° 40′ 49.2″N 135° 23′ 54.0″E
Legend to "Section 1" 34° 39′ 52.0″N 135° 24′ 48.0″E
(37(1450)01 Tokyo)

97245 11Ed. 2/28/98 LAST NM 43/01 7/02
Delete Depth 13.6 meters 34° 40′ 03.5″N 135° 19′ 17.0″E
Foul ground symbol 34° 40′ 02.5″N 135° 19′ 17.0″E
(51(1914)01 Tokyo)

97245 11Ed. 2/28/98 LAST NM 7/02 17/02
Delete "Entry Prohibited" area in vicinity
34° 41′ 51.5″N 135° 23′ 13.5″E

Add Land tint to area bound by shore and solid line
[F13] between 34° 41′ 47.5″N 135° 23′ 06.5″E
34° 41′ 45.2″N 135° 23′ 12.2″E
and delete depths, depth contours, bottom characteristics, power cables and blue tint within above area
(7(199)02 Tokyo)

97245 11Ed. 2/28/98 LAST NM 17/02 28/02
Delete Submarine pipeline and legend
"Water" in vicinity 34° 43′ 00.0″N 135° 19′ 21.8″E

Tower symbol and legend "Chys"
34° 42′ 30.2″N 135° 23′ 06.5″E

Submarine pipeline in vicinity
34° 42′ 54.0″N 135° 19′ 21.8″E
Position circle "Y Lt" 34° 42′ 16.8″N 135° 20′ 43.0″E
Tower symbol 34° 43′ 01.2″N 135° 21′ 53.8″E
Tower symbol 34° 43′ 23.2″N 135° 20′ 28.1″E
Tower symbol 34° 43′ 32.4″N 135° 19′ 39.9″E
Tower symbol 34° 43′ 28.3″N 135° 19′ 46.8″E
(26(1116)98, 29(1120), 30(1160), 32(1254)01 Tokyo)

97245 11Ed. 2/28/98 LAST NM 28/02 36/02
Delete Depth 9.6 meters, blue tint and enclosing
depth contour in vicinity 34° 41′ 05.1″N 135° 23′ 09.8″E

Depth 9.5 meters 34° 41′ 02.2″N 135° 23′ 02.7″E
Depth 9.2 meters 34° 41′ 00.8″N 135° 23′ 00.0″E
Depth 11.2 meters 34° 41′ 04.0″N 135° 23′ 00.6″E
Depth 10.2 meters 34° 41′ 09.9″N 135° 23′ 02.5″E
Depth 10.1 meters 34° 41′ 11.5″N 135° 23′ 03.5″E

Add Depth 12 meters 34° 41′ 03.3″N 135° 23′ 02.0″E
Depth 11.6 meters 34° 41′ 04.0″N 135° 23′ 08.5″E
Depth 12.2 meters 34° 41′ 08.8″N 135° 23′ 02.0″E
(29(988)02 Tokyo)

97245 11Ed. 2/28/98 LAST NM 36/02 1/03
Delete CAUTIONS note 34° 43′ 09.0″N 135° 23′ 53.0″E

Add Chartlet, depicting changes in hydrography,
from Subsection I-3 34° 40′ 54.0″N 135° 24′ 26.0″E
(See 41/99-97245)
(23(794)02 Tokyo; Jpn CH W1107)

97245 11Ed. 2/28/98 LAST NM 1/03 5/03
Delete Position circles (3) and legend "3 Y Lts"
in vicinity 34° 40′ 07.2″N 135° 23′ 18.0″E

Double solid line and land tint between
34° 40′ 08.1″N 135° 23′ 18.5″E
34° 40′ 04.4″N 135° 23′ 17.5″E
(See 41/99-97228)

Substitute Solid line for dashed line in vicinity
34° 41′ 02.3″N 135° 23′ 06.5″E
Note: Construction completed

Add Land tint to reclamation area in vicinity
34° 40′ 52.0″N 135° 23′ 11.0″E
Note: Reclamation completed
(29(988), 47(1609)02 Tokyo; Jpn CH W1107)

97245 11Ed. 2/28/98 LAST NM 5/03 9/03
Change Visibility (range) of light to 5M
34° 40′ 24.0″N 135° 24′ 09.0″E
(See 1/03-97245)
(50(1755)02 Tokyo)

97245 11Ed. 2/28/98 LAST NM 9/03 29/03
Delete Submarine cable in vicinity 34° 40′ 11.0″N 135° 23′ 17.0″E
(See 41/99, 1/03-97245)
(16(594)03 Tokyo)

97245 11Ed. 2/28/98 LAST NM 29/03 47/04
Add Land tint to area bound by shore and solid line
[F13] joining 34° 39′ 43.5″N 135° 25′ 08.8″E
34° 39′ 44.5″N 135° 25′ 08.3″E
34° 39′ 44.9″N 135° 25′ 10.1″E
34° 39′ 44.0″N 135° 25′ 10.6″E

Legend "Unsurveyed" between
34° 39′ 44.5″N 135° 25′ 08.3″E
34° 39′ 44.9″N 135° 25′ 10.1″E
(38(981)04 Tokyo)

97245 11Ed. 2/28/98 LAST NM 47/04 15/05
Add Legend "Lesser depths reported" between
34° 41′ 15.0″N 135° 21′ 57.0″E
34° 41′ 31.0″N 135° 22′ 14.0″E
(8(252)05 Tokyo)

97245 11Ed. 2/28/98 LAST NM 15/05 51/05
Add Chartlet, depicting changes in hydrography,
topography and aids to navigation, from
Subsection I-2 34° 42′ 00.0″N 135° 24′ 03.0″E
(32(962)05 Tokyo)

97245 11Ed. 2/28/98 LAST NM 51/05 19/06
Change Light to Fl G 3s 12m 5M 34° 42′ 12.0″N 135° 20′ 28.0″E
(1(11)06 Tokyo)

97245 11Ed. 2/28/98 LAST NM 19/06 39/10
Change Light to Fl R 4s 10m 3M 34° 40′ 27.5″N 135° 24′ 21.0″E
(See 1/03-97245)
(32(1240)10 Tokyo)

★97246 7Ed. 3/28/98 NEW EDITION 29/98
Delete Buoy "No 2" 34° 29′ 01″N 133° 42′ 11″E

Legend "S" 34° 30′ 02″N 133° 41′ 16″E
34° 29′ 29″N 133° 41′ 12″E

Line 1 "Tamashima-ko...2.0" from
Tidal Information block 34° 31′ 50″N 133° 41′ 14″E

Substitute Solid line for dashed line joining
34° 30′ 14″N 133° 40′ 46″E
34° 30′ 14″N 133° 41′ 01″E
34° 29′ 26″N 133° 41′ 01″E
34° 29′ 27″N 133° 40′ 08″E
34° 30′ 02″N 133° 40′ 09″E
34° 30′ 03″N 133° 40′ 11″E

Change Chart title to
"WESTERN PART OF MIZUSHIMA-KO"
34° 32′ 00″N 133° 39′ 18″E

Chart title in right bottom margin
of chart to "Western Part of
Mizushima-ko"

(continued on next page)

97246 (Continued) 29/98

Designation of buoy to
"S No 2" 34° 29′ 29″N 133° 41′ 15″E
"S No 4" 34° 30′ 02″N 133° 41′ 15″E

Legend to "Gas SEE CAUTION"
34° 31′ 11″N 133° 41′ 54″E

Add Legend "Water" 34° 31′ 20.0″N 133° 41′ 47.0″E

Position circle 34° 30′ 37.8″N 133° 41′ 15.1″E
34° 31′ 02.1″N 133° 39′ 52.1″E

Danger circle "Obstn" 34° 30′ 18.3″N 133° 41′ 01.5″E
34° 30′ 14.3″N 133° 41′ 06.2″E
34° 29′ 25.5″N 133° 41′ 04.9″E
34° 29′ 22.0″N 133° 40′ 07.9″E
34° 29′ 25.8″N 133° 40′ 03.3″E
34° 30′ 06.3″N 133° 40′ 08.9″E

Double solid line with land tint (breakwater) 10 meters wide on centerline between 34° 30′ 43.6″N 133° 41′ 25.7″E
34° 30′ 17.5″N 133° 41′ 25.0″E

Double solid line and land tint (bridge) 24 meters wide with vertical clearance 7.6 meters, on centerline between 34° 30′ 25.8″N 133° 40′ 41.4″E
34° 30′ 14.5″N 133° 40′ 41.4″E

Caution note "CAUTION
Attention is called to the fact that in many cases pipelines are not buried, and charted depths may be decreased by up to two meters. In addition, gas pipelines contain flammable natural gas under high pressure. Any vessel damaging a line could face an immediate fire hazard, or loss of buoyancy. Vessels are requested not to anchor or trawl in the vicinity of pipelines." 34° 31′ 48.0″N 133° 42′ 42.0″E
(NIMA; GIMM014/98)

97246 7Ed. 3/28/98 LAST NM 29/98 10/99

Add Chartlet, depicting changes in hydrography, from Subsection I-2 34° 29.0′ N 133° 41.3′ E
(33(1475)97 Tokyo)

97246 7Ed. 3/28/98 LAST NM 10/99 18/99

Add "Shoaling (see Note)" area bound by purple dashed line joining 34° 29′ 32″N 133° 42′ 08″E
34° 29′ 32″N 133° 42′ 00″E
34° 30′ 23″N 133° 42′ 00″E
34° 30′ 23″N 133° 42′ 08″E

Note "SHOALING
Depths 1 to 3 meters less than charted reported (1999)." 34° 28′ 48″N 133° 42′ 24″E
(9(379)99 Tokyo)

97246 7Ed. 3/28/98 LAST NM 18/99 32/99

Add Chartlet, depicting changes in hydrography, from Subsection I-2 34° 29′ 45.0″N 133° 41′ 15.0″E
(See 10/99-97246)
(14(581)99 Tokyo)

97246 7Ed. 3/28/98 LAST NM 32/99 49/00

Add Depth 5.6 meters 34° 28′ 22.7″N 133° 42′ 13.0″E
Depth 5.7 meters 34° 28′ 20.0″N 133° 42′ 13.3″E
Depth 6.3 meters 34° 27′ 11.4″N 133° 38′ 58.2″E
(29(1053)00 Tokyo)

97246 7Ed. 3/28/98 LAST NM 49/00 43/02

Delete Depth 5.2 meters 34° 31′ 03.0″N 133° 41′ 46.3″E
Depth 5.2 meters 34° 31′ 06.0″N 133° 41′ 44.3″E
Depth 5 meters 34° 31′ 05.0″N 133° 41′ 43.0″E
Depth 5.3 meters 34° 31′ 06.8″N 133° 41′ 41.0″E
Depth 5.3 meters 34° 31′ 08.1″N 133° 41′ 44.0″E
Depth 5.6 meters 34° 31′ 07.1″N 133° 41′ 38.0″E
Depth 5.9 meters 34° 31′ 09.5″N 133° 41′ 38.0″E
Depth 5.7 meters 34° 31′ 10.5″N 133° 41′ 40.5″E
Depth 5.8 meters 34° 31′ 12.0″N 133° 41′ 38.0″E
Depth 5.8 meters 34° 31′ 09.2″N 133° 41′ 33.0″E
Depth 5.8 meters 34° 31′ 12.0″N 133° 41′ 35.0″E
Depth 5.9 meters 34° 31′ 13.2″N 133° 41′ 35.2″E

Change Period of buoy to 6s 34° 30′ 54.0″N 133° 42′ 09.0″E

Add Depth 1.6 meters 34° 31′ 01.0″N 133° 41′ 48.0″E
Depth 2.4 meters 34° 31′ 08.0″N 133° 41′ 41.5″E
Depth 1.8 meters 34° 31′ 08.0″N 133° 41′ 35.0″E
Depth 2.3 meters 34° 31′ 09.5″N 133° 41′ 35.0″E
Depth 2 meters 34° 31′ 11.8″N 133° 41′ 36.2″E
(32(1329)98 Tokyo)

97246 7Ed. 3/28/98 LAST NM 43/02 52/02

Delete Depth 3.2 meters 34° 30′ 03.0″N 133° 40′ 01.5″E
Depth 3 meters 34° 30′ 06.5″N 133° 40′ 02.0″E
Depth 2.6 meters 34° 30′ 07.2″N 133° 40′ 04.0″E
Depth 2.4 meters 34° 30′ 06.5″N 133° 40′ 06.8″E
Depth 2.5 meters 34° 30′ 08.7″N 133° 40′ 06.0″E
Depth 2.7 meters 34° 30′ 11.5″N 133° 40′ 09.0″E
Depth 2.6 meters 34° 30′ 12.8″N 133° 40′ 11.4″E
Depth 2.5 meters 34° 30′ 09.5″N 133° 40′ 12.8″E
Depth 2.7 meters 34° 30′ 14.8″N 133° 40′ 13.5″E
Depth 2.2 meters 34° 30′ 12.8″N 133° 40′ 15.0″E
Depth 1.8 meters 34° 30′ 10.0″N 133° 40′ 16.0″E
Depth 2 meters 34° 30′ 15.0″N 133° 40′ 15.2″E
Depth 1.7 meters 34° 30′ 14.8″N 133° 40′ 18.4″E
Depth 1.8 meters 34° 30′ 14.7″N 133° 40′ 21.2″E
Depth 1.8 meters 34° 30′ 14.5″N 133° 40′ 24.8″E
Depth 1.4 meters 34° 30′ 14.5″N 133° 40′ 27.0″E

Substitute Solid line for dashed line in vicinity
34° 30′ 10.0″N 133° 40′ 29.4″E

Add "Under reclamation (1998)" area bound by shore and dashed line joining
34° 30′ 02.3″N 133° 40′ 08.9″E
34° 30′ 07.2″N 133° 40′ 09.0″E
34° 30′ 14.8″N 133° 40′ 28.5″E
34° 30′ 14.6″N 133° 40′ 40.8″E

Depth 8 meters 34° 30′ 04.0″N 133° 40′ 05.0″E
Depth 8.5 meters 34° 30′ 07.2″N 133° 40′ 05.5″E
Depth 13.3 meters 34° 30′ 07.7″N 133° 40′ 09.1″E
Depth 7.9 meters 34° 30′ 10.0″N 133° 40′ 12.4″E
Depth 7.8 meters 34° 30′ 13.0″N 133° 40′ 13.0″E
Depth 7.5 meters 34° 30′ 11.0″N 133° 40′ 18.0″E
Depth 7.6 meters 34° 30′ 13.1″N 133° 40′ 23.6″E
Depth 8 meters 34° 30′ 14.0″N 133° 40′ 26.0″E
Buoy Y, conical, (Y Lt) 34° 30′ 02.4″N 133° 40′ 04.8″E
Buoy Y, conical, (Y Lt) 34° 30′ 09.3″N 133° 40′ 05.9″E
Buoy Y, conical, (Y Lt) 34° 30′ 15.0″N 133° 40′ 17.4″E
Buoy Y, conical, (Y Lt) 34° 30′ 17.0″N 133° 40′ 30.8″E
Buoy G, conical, (G Lt) 34° 28′ 30.1″N 133° 39′ 50.3″E
Buoy R, conical, (R Lt) 34° 28′ 29.9″N 133° 39′ 56.2″E
(50(2059), 51(2105)98 Tokyo)

97246 7Ed. 3/28/98 LAST NM 52/02 5/03

Change Period of buoy to 3s 34° 30′ 54.0″N 133° 42′ 09.0″E
(See 43/02-97246)
(47(1632)02 Tokyo)

97246 7Ed. 3/28/98 LAST NM 5/03 13/04

Delete Designation "No 4" from buoy
34° 29′ 52.0″N 133° 42′ 13.0″E

Change Buoy to "No 1" G, pillar, (G Lt)
34° 29′ 01.0″N 133° 41′ 58.0″E
Buoy to "No 3" G, pillar, (G Lt)
34° 29′ 52.0″N 133° 42′ 00.0″E
Buoy to "No 9" Y, pillar, (Y Lt)
34° 31′ 30.0″N 133° 42′ 10.0″E
Shape of buoy "No 7" to pillar
34° 30′ 35.0″N 133° 42′ 13.0″E
Shape of buoy "No 8" to pillar
34° 31′ 08.0″N 133° 42′ 14.0″E
Shape of buoy "No 10" to pillar
34° 31′ 21.0″N 133° 42′ 14.0″E
(4(100)04 Tokyo)

97246 7Ed. 3/28/98 LAST NM 13/04 25/04

Delete Purple dashed line joining 34° 28′ 02.2″N 133° 42′ 27.8″E
34° 28′ 02.5″N 133° 39′ 31.0″E
34° 28′ 03.2″N 133° 39′ 31.0″E

Add Chartlet A, depicting changes in hydrography, topography and aids to navigation, from Subsection I-2 34° 29′ 45.0″N 133° 41′ 06.0″E

Chartlet B, depicting changes in hydrography and aids to navigation, from Subsection I-2
34° 28′ 38.0″N 133° 41′ 42.0″E

(continued on next page)

97246 (Continued) 25/04
Purple dashed line (harbor limit) joining
34° 28′ 02.2″N 133° 42′ 27.8″E
34° 28′ 03.2″N 133° 42′ 24.9″E
34° 28′ 03.2″N 133° 39′ 31.0″E

Land tint to area bound by solid line joining
34° 29′ 27.0″N 133° 40′ 08.0″E
34° 30′ 02.0″N 133° 40′ 09.0″E
34° 30′ 14.0″N 133° 40′ 46.0″E
34° 30′ 14.0″N 133° 41′ 01.0″E
34° 29′ 26.0″N 133° 41′ 01.0″E
and delete legend "Under reclamation"
(21(776), 48(1763)03, 4(100)04 Tokyo; Jpn CH W1127B)

97246 7Ed. 3/28/98 LAST NM 25/04 18/05
Delete Depth 8.2 meters 34° 28′ 58.8″N 133° 41′ 21.2″E
Note 34° 28′ 48.0″N 133° 42′ 24.0″E

Substitute Depth 10.5 meters for 10.9 meters
34° 29′ 03.5″N 133° 41′ 21.0″E
Depth 10.2 meters for 7.9 meters
34° 29′ 02.5″N 133° 41′ 18.5″E
Depth 6 meters for 7.5 meters
34° 29′ 01.8″N 133° 41′ 16.2″E
Depth 7.2 meters for 5.1 meters
34° 28′ 59.0″N 133° 41′ 16.5″E

Add Chartlet, depicting changes in hydrography and aids to navigation, from Subsection I-2
34° 30′ 00.0″N 133° 42′ 04.0″E

Depth 10.3 meters 34° 29′ 00.5″N 133° 41′ 18.0″E
Depth 8 meters 34° 29′ 00.0″N 133° 41′ 20.8″E
Depth 5.3 meters 34° 28′ 57.2″N 133° 41′ 16.2″E
(See 25/04-97246)
(34(881)04. 12(324)05 Tokyo)

97246 7Ed. 3/28/98 LAST NM 18/05 7/06
Add Dangerous wreck [K28] 34° 27′ 51.0″N 133° 41′ 57.0″E
(50(1531)05 Tokyo)

97246 7Ed. 3/28/98 LAST NM 7/06 31/09
Add "Anchoring Prohibited" area [N20] bound by chart border and purple composite line joining
34° 28′ 13.1″N 133° 43′ 05.3″E
34° 28′ 28.8″N 133° 42′ 14.3″E
34° 28′ 39.2″N 133° 42′ 14.6″E
34° 28′ 23.6″N 133° 43′ 05.3″E
Note: Area extends beyond chart border
(See 25/04-97246)
(16(673)09 Tokyo)

97246 7Ed. 3/28/98 LAST NM 31/09 48/11
Change Visibility (range) of light to 6M
34° 29′ 46.2″N 133° 39′ 48.0″E
(Jpn LL)

★**97251** 4Ed. 2/14/98 NEW EDITION 24/98
(NIMA)

97251 4Ed. 2/14/98 LAST NM 24/98 27/98
Delete Buoy "W5" 33° 56′ 47″N 131° 13′ 32″E

Add Buoy "W3" G, pillar, can topmark, Fl G 4s 33° 56′ 20″N 131° 12′ 48″E
(16(684)98 Tokyo)

97251 4Ed. 2/14/98 LAST NM 27/98 29/99
Add "Being Reclaimed" area with land tint bound by shore and dashed line joining
33° 56′ 24.7″N 131° 13′ 56.0″E
33° 56′ 20.9″N 131° 13′ 53.1″E
33° 56′ 19.8″N 131° 13′ 50.2″E
(10(441)98 Tokyo)

97251 4Ed. 2/14/98 LAST NM 29/99 32/99
Add Chartlet A, depicting changes in hydrography, from Subsection I-2 33° 55′ 30.0″N 131° 13′ 48.0″E
Chartlet B, depicting changes in hydrography, from Subsection I-2 33° 55′ 54.0″N 131° 14′ 39.0″E
Chartlet C, depicting changes in hydrography, from Subsection I-2 33° 56′ 00.0″N 131° 14′ 00.0″E
(14(582), 17(705)99 Tokyo)

97251 4Ed. 2/14/98 LAST NM 32/99 6/00
Add CAUTION note from Subsection I-2
33° 57′ 27.0″N 131° 12′ 12.0″E
Legend "SHOALING See CAUTION"
between 33° 55′ 38.0″N 131° 11′ 37.3″E
33° 55′ 48.0″N 131° 11′ 40.8″E
(44(1807)99 Tokyo)

97251 4Ed. 2/14/98 LAST NM 6/00 19/00
Delete Dashed line between 33° 55′ 51.0″N 131° 11′ 38.8″E
33° 55′ 38.5″N 131° 11′ 35.1″E

Depth 7.2 meters 33° 55′ 53.0″N 131° 11′ 37.0″E
Depth 6.8 meters 33° 55′ 51.5″N 131° 11′ 33.0″E
Depth 7.8 meters 33° 55′ 51.0″N 131° 11′ 36.0″E
Depth 7.2 meters 33° 55′ 51.0″N 131° 11′ 38.2″E
Depth 7.2 meters 33° 55′ 49.8″N 131° 11′ 37.0″E
Depth 7.2 meters 33° 55′ 49.1″N 131° 11′ 32.8″E
Depth 7.2 meters 33° 55′ 48.0″N 131° 11′ 38.0″E
Depth 7.4 meters 33° 55′ 45.7″N 131° 11′ 36.0″E
Depth 7.2 meters 33° 55′ 44.8″N 131° 11′ 34.8″E
Depth 6.2 meters 33° 55′ 44.5″N 131° 11′ 29.0″E
Depth 6.3 meters 33° 55′ 43.7″N 131° 11′ 27.8″E
Depth 7.5 meters 33° 55′ 43.4″N 131° 11′ 34.6″E
Depth 6.4 meters 33° 55′ 42.0″N 131° 11′ 30.0″E
Depth 6.2 meters 33° 55′ 41.7″N 131° 11′ 33.2″E

Legend "SHOALING See CAUTION"
between 33° 55′ 38.0″N 131° 11′ 37.3″E
33° 55′ 48.0″N 131° 11′ 40.8″E

CAUTION note 33° 57′ 27.0″N 131° 12′ 12.0″E
(Supersedes 6/00-97251)

Add Depth 6.3 meters 33° 55′ 52.7″N 131° 11′ 36.1″E
Depth 6.4 meters 33° 55′ 51.8″N 131° 11′ 33.6″E
Depth 6.7 meters 33° 55′ 49.0″N 131° 11′ 39.9″E
Depth 6.6 meters 33° 55′ 48.4″N 131° 11′ 36.8″E
Depth 6.8 meters 33° 55′ 45.3″N 131° 11′ 32.8″E
Depth 6.8 meters 33° 55′ 45.2″N 131° 11′ 41.1″E
Depth 7 meters 33° 55′ 44.8″N 131° 11′ 35.1″E
Depth 7 meters 33° 55′ 44.3″N 131° 11′ 38.9″E
Depth 6 meters 33° 55′ 43.4″N 131° 11′ 29.3″E
Depth 7.2 meters 33° 55′ 41.8″N 131° 11′ 36.1″E
Depth 6.5 meters 33° 55′ 41.3″N 131° 11′ 32.1″E
Depth 7.3 meters 33° 55′ 40.3″N 131° 11′ 40.0″E
Depth 7.4 meters 33° 55′ 39.4″N 131° 11′ 37.5″E
(4(112)00 Tokyo)

97251 4Ed. 2/14/98 LAST NM 19/00 21/00
Delete Depth 12 meters 33° 56′ 03.0″N 131° 13′ 52.0″E
Depth 12.2 meters 33° 56′ 00.0″N 131° 13′ 53.5″E
(See 32/99-97251)

Add Depth 9.9 meters 33° 55′ 59.0″N 131° 13′ 51.0″E
Depth 9.8 meters 33° 56′ 03.5″N 131° 13′ 51.0″E
(4(112)00 Tokyo)

97251 4Ed. 2/14/98 LAST NM 21/00 35/00
Add Chartlet, depicting changes in hydrography and topography, from Subsection I-2
33° 56′ 03.0″N 131° 13′ 55.0″E
(See 32/99-97251)
(4(112)00 Tokyo)

97251 4Ed. 2/14/98 LAST NM 35/00 6/03
Change Period of buoy "E4" to 3s 33° 55′ 40.0″N 131° 14′ 15.0″E
Period of buoy "E3" to 3s 33° 55′ 34.0″N 131° 13′ 57.0″E
Period of buoy "W4" to 3s 33° 56′ 16.0″N 131° 12′ 51.0″E
Period of buoy "W3" to 3s 33° 56′ 20.0″N 131° 12′ 48.0″E
Period of buoy "No 4" to 3s
33° 55′ 04.0″N 131° 11′ 53.0″E
Period of buoy "No 6" to 3s
33° 55′ 38.0″N 131° 11′ 41.0″E
Period of buoy "No 5" to 3s
33° 55′ 39.0″N 131° 11′ 35.0″E

Characteristic of buoy "W2" to Fl R 3s
33° 55′ 19.0″N 131° 12′ 29.0″E
Characteristic of buoy "W1" to Fl G 3s
33° 55′ 20.0″N 131° 12′ 25.0″E
Characteristic of buoy "No 1" to Fl G 3s
33° 54′ 29.0″N 131° 11′ 59.0″E
Characteristic of buoy "No 2" to Fl R 3s
33° 54′ 30.0″N 131° 12′ 04.0″E
(See 32/99-97251)
(48(1663)02 Tokyo)

97251 4Ed. 2/14/98 LAST NM 6/03 10/03
Add Chartlet, depicting changes in hydrography and topography, from Subsection I-2 33° 56′ 02.0″N 131° 13′ 32.0″E
(Jpn CH W128)

97251 4Ed. 2/14/98 LAST NM 10/03 17/03
Add Chartlet, depicting changes in hydrography, from Subsection I-2 33° 55′ 58.0″N 131° 13′ 52.0″E
(See 10/03-97251)
(2(34)03 Tokyo)

97251 4Ed. 2/14/98 LAST NM 17/03 36/03
Add Depth 9.9 meters enclosed by depth contour (10-meter) 33° 56′ 11.9″N 131° 13′ 51.5″E
Depth 9.8 meters enclosed by depth contour (10-meter) 33° 56′ 12.3″N 131° 14′ 01.0″E
Depth 8.3 meters enclosed by depth contour (10-meter) 33° 56′ 39.0″N 131° 14′ 05.1″E
Depth 8.7 meters enclosed by depth contour (10-meter) 33° 56′ 44.2″N 131° 14′ 04.2″E
(See 10, 17/03-97251)
(30(1183)03 Tokyo)

97251 4Ed. 2/14/98 LAST NM 36/03 52/03
Add Legend "Lesser depths reported (2003)" between 33° 56′ 17.1″N 131° 14′ 09.4″E
33° 56′ 40.8″N 131° 14′ 21.7″E

Depth 11.4 meters 33° 56′ 28.3″N 131° 13′ 59.3″E
Depth 2.1 meters 33° 56′ 48.5″N 131° 13′ 26.2″E
Depth 11.1 meters 33° 56′ 32.6″N 131° 14′ 02.8″E

Depth 9.7 meters and enclosing depth contour (10-meter) 33° 56′ 12.8″N 131° 13′ 52.2″E
Depth 8.6 meters enclosed by depth contour (10-meter) 33° 56′ 40.8″N 131° 14′ 04.7″E
Depth 8.6 meters enclosed by depth contour (10-meter) 33° 56′ 45.0″N 131° 14′ 04.1″E
Depth 2.8 meters, blue tint and enclosing depth contour (5-meter) 33° 56′ 43.1″N 131° 13′ 28.5″E
(See 17/03-97251)
(42(1592)03 Tokyo)

97251 4Ed. 2/14/98 LAST NM 52/03 7/05
Add Legend "Lesser depths reported" between 33° 56′ 39.5″N 131° 13′ 25.0″E
33° 56′ 27.5″N 131° 12′ 58.7″E

Legend "Lesser depths rep" between 33° 56′ 24.7″N 131° 12′ 54.4″E
33° 56′ 20.7″N 131° 12′ 53.5″E

Legend "Lesser depths reported" between 33° 56′ 07.9″N 131° 12′ 45.7″E
33° 55′ 56.2″N 131° 12′ 41.0″E
(50(1314)04 Tokyo)

97251 4Ed. 2/14/98 LAST NM 7/05 11/08
Change Buoy to G, conical, (G Lt) 33° 56′ 25.0″N 131° 11′ 41.0″E
(48(1601)07 Tokyo)

97251 4Ed. 2/14/98 LAST NM 11/08 31/09
Add Fish haven area with blue tint [K46.1] bound by dotted line (limiting danger line) joining 33° 54′ 26.4″N 131° 15′ 02.2″E
33° 54′ 19.3″N 131° 15′ 19.6″E
33° 54′ 17.6″N 131° 15′ 19.1″E
33° 54′ 24.9″N 131° 15′ 01.4″E
(25(1075)09 Tokyo)

97251 4Ed. 2/14/98 LAST NM 31/09 52/09
Change Visibility (range) of light to 5M 33° 56′ 15.6″N 131° 13′ 52.6″E
(4(135)09 Tokyo)

★97252 1Ed. 7/1/10 NEW CHART N12/11
(NGA)

★97253 2Ed. 8/1/13 NEW EDITION N3/14
(NGA)

★97254 1Ed. 2/7/13 NEW CHART N27/13
(NGA)

★97255 2Ed. 8/1/13 NEW EDITION N3/14
(NGA)

★97256 1Ed. 8/4/11 NEW CHART N6/12
(NGA)

★97259 1Ed. 12/16/10 NEW CHART N21/11
(NGA)

★97266 6Ed. 12/5/09 NEW EDITION N5/10
Change Visibility (range) of light to 5M 34° 04.2′ N 132° 32.3′ E
(Previously published 50/09)

Visibility (range) of light to 5M 33° 47.1′ N 132° 01.3′ E
(NGA; 51(2146)09 Tokyo)

97266 6Ed. 12/5/09 LAST NM N5/10 N12/10
Change Visibility (range) of light to 5M 34° 16.0′ N 133° 02.7′ E
(2(55)10 Tokyo)

97266 6Ed. 12/5/09 LAST NM N12/10 N38/10
Change Visibility (range) of light to 5M 33° 54.6′ N 132° 35.3′ E
(20(816)10 Tokyo)

97266 6Ed. 12/5/09 LAST NM N38/10 N43/10
Change Visibility (range) of beacon to 3M 34° 22.4′ N 133° 08.4′ E
(Jpn LL)

97266 6Ed. 12/5/09 LAST NM N43/10 N44/10
Change Visibility (range) of beacon to 3M 34° 21.6′ N 133° 07.5′ E
(Jpn LL)

97266 6Ed. 12/5/09 LAST NM N44/10 N45/10
Change Visibility (range) of light to 5M 34° 23.0′ N 133° 06.7′ E
(Jpn LL)

97266 6Ed. 12/5/09 LAST NM N45/10 N46/10
Change Light to Fl G 5s 5M 34° 12.3′ N 133° 07.3′ E
Visibility (range) of light to 3M 34° 14.6′ N 133° 08.8′ E
Visibility (range) of beacon to 5M 34° 11.7′ N 133° 07.8′ E
(Jpn LL)

97266 6Ed. 12/5/09 LAST NM N46/10 N19/11
Change Visibility (range) of light to 10M 34° 10.7′ N 132° 26.0′ E
Visibility (range) of light to 4M 34° 11.5′ N 132° 26.4′ E
(Jpn LL)

97266 6Ed. 12/5/09 LAST NM N19/11 N21/11
Change Visibility (range) of light to 5M 34° 11.1′ N 132° 41.1′ E
Visibility (range) of light to 4M 34° 14.3′ N 132° 26.2′ E
Visibility (range) of light to 4M 34° 15.1′ N 132° 27.5′ E
Visibility (range) of light to 5M 34° 16.5′ N 132° 24.3′ E
(Jpn LL)

97266 6Ed. 12/5/09 LAST NM N21/11 N22/12
Change Visibility (range) of beacon to 5M 33° 49.9′ N 132° 08.8′ E
(19(380)12 Tokyo)

★97267 16Ed. 2/21/98 NEW EDITION 35/98
Delete Submarine cable
between 34° 16.6′ N 132° 22.7′ E
34° 17.5′ N 132° 21.8′ E

joining 33° 56.7′ N 132° 27.6′ E
33° 57.0′ N 132° 27.5′ E
33° 57.4′ N 132° 28.1′ E
33° 57.4′ N 132° 28.3′ E

Submarine cable and legend "Power" joining 34° 12.7′ N 132° 14.4′ E
34° 12.7′ N 132° 15.0′ E
34° 12.1′ N 132° 15.6′ E
34° 11.6′ N 132° 16.8′ E
34° 11.6′ N 132° 17.6′ E

Submarine cables (3) in vicinity 33° 58.5′ N 132° 13.0′ E

(continued on next page)

97267 (Continued) 35/98
Buoy (mooring) 34° 14.1′ N 132° 28.0′ E
34° 14.2′ N 132° 27.9′ E
34° 14.8′ N 132° 27.7′ E

Substitute Depth 8.4 meters for 9.9 meters R 34° 14.4′ N 132° 28.0′ E

Change Characteristic of light to
Iso G 4s 34° 01′ 27″N 132° 25′ 18″E
Fl R 3s 34° 11′ 44″N 132° 18′ 56″E

Period of buoy "No 1" to 8s 34° 00′ 56″N 132° 29′ 14″E

Add Fish haven symbol 33° 55′ 48.0″N 132° 32′ 31.0″E
34° 01′ 24.0″N 132° 19′ 18.0″E
34° 11′ 04.0″N 132° 18′ 56.0″E

Depth 10.9 meters Rk 34° 10′ 23.0″N 132° 22′ 19.0″E

Submarine cable joining 34° 13′ 20.0″N 132° 14′ 48.0″E
34° 13′ 09.0″N 132° 15′ 02.5″E
34° 12′ 58.5″N 132° 15′ 12.5″E
34° 11′ 39.0″N 132° 17′ 20.0″E
34° 11′ 36.5″N 132° 17′ 36.5″E
Legend "Rk" to depth
13 meters 33° 51′ 04.5″N 132° 30′ 40.0″E
20 meters 33° 50′ 56.0″N 132° 32′ 03.0″E
11 meters 33° 51′ 19.5″N 132° 32′ 02.5″E
7 meters 33° 54′ 48.5″N 132° 27′ 44.0″E
10 meters 33° 54′ 49.5″N 132° 27′ 59.0″E
14 meters 33° 55′ 04.0″N 132° 32′ 12.5″E
16 meters 33° 57′ 56.0″N 132° 33′ 33.5″E
1.8 meters 34° 01′ 06.5″N 132° 19′ 43.5″E
12.8 meters 34° 02′ 56.5″N 132° 23′ 26.0″E
(NIMA; GIMM014/98)

97267 16Ed. 2/21/98 LAST NM 35/98 38/98
Add Fish haven symbol 34° 14′ 56″N 132° 22′ 56″E
34° 14′ 35″N 132° 29′ 50″E
33° 59′ 13″N 132° 12′ 13″E
(22(924, 925)98 Tokyo)

97267 16Ed. 2/21/98 LAST NM 38/98 10/99
Add Submarine cable joining 34° 01′ 39″N 132° 13′ 04″E
34° 01′ 41″N 132° 15′ 57″E
34° 00′ 43″N 132° 17′ 12″E
33° 57′ 12″N 132° 16′ 42″E
(49(2121)97 Tokyo)

97267 16Ed. 2/21/98 LAST NM 10/99 22/99
Add Fish haven symbol 34° 14′ 27″N 132° 31′ 04″E
(15(643)99 Tokyo)

97267 16Ed. 2/21/98 LAST NM 22/99 28/99
Add Fish haven symbol 34° 10′ 13″N 132° 29′ 39″E
Fish haven symbol 34° 09′ 57″N 132° 29′ 09″E
Fish haven symbol 34° 09′ 41″N 132° 29′ 30″E
(23(982)99 Tokyo)

97267 16Ed. 2/21/98 LAST NM 28/99 36/99
Add Fish haven symbol 34° 09′ 49″N 132° 15′ 51″E
(27(1166)99 Tokyo)

97267 16Ed. 2/21/98 LAST NM 36/99 37/99
Add Fish haven symbol 34° 19′ 57″N 132° 28′ 48″E
(31(1296)99 Tokyo)

97267 16Ed. 2/21/98 LAST NM 37/99 42/99
Add Fish haven symbol [K46.1] 34° 12′ 05″N 132° 31′ 34″E
(36(1472)99 Tokyo)

97267 16Ed. 2/21/98 LAST NM 42/99 43/99
Add Solid line (breakwater) [F4.1] between
34° 13′ 45″N 132° 29′ 38″E
34° 13′ 51″N 132° 29′ 37″E

Light Fl(2) R 6s 8m 3M 34° 13′ 45″N 132° 29′ 38″E
Light Fl(2) G 6s 9m 6M 34° 20′ 48″N 132° 27′ 59″E
(16(680, 681)98 Tokyo)

97267 16Ed. 2/21/98 LAST NM 43/99 48/99
Add Fish haven symbol [K46.1] 34° 10′ 06″N 132° 29′ 13″E
(43(1748)99 Tokyo)

97267 16Ed. 2/21/98 LAST NM 48/99 45/00
Change Light to Mo(A) G 8s 8m 6M 34° 18′ 00″N 132° 26′ 50″E
(Jpn LL)

97267 16Ed. 2/21/98 LAST NM 45/00 49/00
Add Fish haven symbol [K46.1] 34° 09′ 28″N 132° 34′ 41″E
(9(293)00 Tokyo)

97267 16Ed. 2/21/98 LAST NM 49/00 5/01
Delete Buoy 34° 15′ 17″N 132° 31′ 02″E
(35(1261)00 Tokyo)

97267 16Ed. 2/21/98 LAST NM 5/01 25/01
Substitute Depth 10 meters for 19 meters 33° 51′ 24″N 132° 31′ 45″E
and add blue tint to area enclosed by
depth contour
(21(761)01 Tokyo)

97267 16Ed. 2/21/98 LAST NM 25/01 32/01
Add Wreck [K29] 33° 51′ 31″N 132° 32′ 30″E
(8(263)00 Tokyo)

97267 16Ed. 2/21/98 LAST NM 32/01 33/01
Add Wreck [K29] 33° 59′ 32″N 132° 35′ 16″E
(11(380)00 Tokyo)

97267 16Ed. 2/21/98 LAST NM 33/01 34/01
Add Fish haven symbol [K46.1] 34° 16′ 39″N 132° 24′ 19″E
(42(1504)00 Tokyo)

97267 16Ed. 2/21/98 LAST NM 34/01 17/02
Substitute Depth 1.9 meters for 7.3 meters
33° 57′ 25″N 132° 32′ 02″E
(10(340)02 Tokyo)

97267 16Ed. 2/21/98 LAST NM 17/02 18/02
Substitute Depth 24 meters for 26 meters 33° 56′ 27″N 132° 34′ 47″E
Depth 9 meters for 15 meters 33° 55′ 31″N 132° 34′ 09″E
Depth 24 meters for 27 meters 33° 56′ 05″N 132° 30′ 34″E

Add Depth 17 meters enclosed by depth contour
(20-meter) 33° 56′ 02″N 132° 30′ 42″E
Depth 16 meters enclosed by depth contour
(20-meter) 33° 53′ 07″N 132° 28′ 38″E

Depth 29 meters 33° 55′ 14″N 132° 35′ 53″E
Depth 23 meters 33° 53′ 48″N 132° 30′ 11″E
Depth 24 meters 33° 51′ 57″N 132° 32′ 07″E
(12(425)02 Tokyo)

97267 16Ed. 2/21/98 LAST NM 18/02 25/02
Add Fish haven symbol [K46.1] 33° 56′ 22″N 132° 23′ 56″E
(19(663)02 Tokyo)

97267 16Ed. 2/21/98 LAST NM 25/02 29/02
Add Fish haven symbol [K46.1] 33° 55′ 39″N 132° 31′ 26″E
Fish haven symbol [K46.1] 34° 09′ 28″N 132° 29′ 32″E
(23(806, 807)02 Tokyo)

97267 16Ed. 2/21/98 LAST NM 29/02 40/02
Delete Light 34° 08′ 56″N 132° 29′ 39″E
(34(1164)02 Tokyo)

97267 16Ed. 2/21/98 LAST NM 40/02 41/02
Substitute Disused submarine cable [L32] for
submarine cable in vicinity 34° 11′ 42″N 132° 34′ 34″E
(29(1231)98 Tokyo)

97267 16Ed. 2/21/98 LAST NM 41/02 1/03
Delete Position circles "Bns" (4), dashed lines (3) and
legend "314° 53′ 2040m" in vicinity
34° 09′ 30″N 132° 22′ 46″E
(44(1507)02 Tokyo)

97267 16Ed. 2/21/98 LAST NM 1/03 5/03
Add Fish haven symbol [K46.1] 34° 06′ 59″N 132° 14′ 02″E
(9(294)00 Tokyo)

97267 16Ed. 2/21/98 LAST NM 5/03 6/03
Delete Position circle and legend "Tr (79)"
33° 51′ 43″N 132° 21′ 42″E
Position circle and legend "Tr (77)"
33° 51′ 27″N 132° 21′ 28″E

Substitute Beacon G, can topmark,
Mo(C) G 13s 15m 10M for light
33° 50′ 42″N 132° 21′ 54″E

Change Visibility (range) of light to 11M
34° 14′ 25″N 132° 31′ 09″E
(47(1619), 48(1675)02 Tokyo; Jpn LL)

97267 16Ed. 2/21/98 LAST NM 6/03 8/03
Add Fish haven symbol [K46.1] 34° 18′ 42″N 132° 25′ 36″E
(6(194)00 Tokyo)

97267 16Ed. 2/21/98 LAST NM 8/03 10/03
Add Fish haven symbol [K46.1] 33° 57′ 37″N 132° 30′ 34″E
(21(710)00 Tokyo)

97267 16Ed. 2/21/98 LAST NM 10/03 13/03
Delete Submarine cable between 34° 19′ 18″N 132° 26′ 41″E
34° 20′ 18″N 132° 27′ 12″E

Change Light to Fl R 3s 8m 3M 34° 18′ 52″N 132° 25′ 57″E

Add Submarine cable (power) [L31.1] joining
34° 19′ 18″N 132° 26′ 41″E
34° 19′ 30″N 132° 27′ 02″E
34° 19′ 50″N 132° 27′ 06″E
34° 20′ 09″N 132° 27′ 06″E
34° 20′ 18″N 132° 27′ 12″E
(4(122)00, 1(12)03 Tokyo)

97267 16Ed. 2/21/98 LAST NM 13/03 18/03
Delete Disused submarine cable in vicinity
34° 11′ 42″N 132° 34′ 42″E

Submarine cable in vicinity 34° 11′ 42″N 132° 34′ 20″E

Buoy 34° 19′ 08″N 132° 22′ 30″E
(See 41/02-97267)
(9(309, 315)03 Tokyo)

97267 16Ed. 2/21/98 LAST NM 18/03 26/03
Add Fish haven symbol [K46.1] 33° 50′ 44″N 132° 22′ 13″E
(19(711)03 Tokyo)

97267 16Ed. 2/21/98 LAST NM 26/03 27/03
Delete Submarine pipeline between 34° 21′ 06″N 132° 26′ 37″E
34° 20′ 25″N 132° 26′ 16″E

Add Land tint to area bound by shore and solid line
joining 34° 21′ 08″N 132° 26′ 23″E
34° 20′ 44″N 132° 26′ 17″E
34° 20′ 41″N 132° 26′ 31″E
34° 20′ 56″N 132° 26′ 35″E
34° 20′ 53″N 132° 26′ 51″E
"Being Reclaimed (2001)" area bound by
dashed line joining 34° 20′ 41″N 132° 26′ 31″E
34° 20′ 31″N 132° 26′ 28″E
34° 20′ 27″N 132° 26′ 33″E
34° 20′ 26″N 132° 26′ 39″E
34° 20′ 27″N 132° 26′ 47″E
34° 20′ 43″N 132° 26′ 51″E
34° 20′ 45″N 132° 26′ 54″E
34° 20′ 51″N 132° 26′ 56″E
and delete all hydrography within above area

Submarine pipeline between 34° 20′ 31″N 132° 26′ 28″E
34° 20′ 25″N 132° 26′ 16″E
(19(701)03 Tokyo; Jpn CH W1112A)

97267 16Ed. 2/21/98 LAST NM 27/03 42/03
Add Wreck [K29] 34° 01′ 35″N 132° 27′ 14″E
(35(1350)03 Tokyo)

97267 16Ed. 2/21/98 LAST NM 42/03 7/04
Change Light to Fl R 5s 12m 7M 34° 21′ 37″N 132° 24′ 08″E

Characteristic of buoy "No 1" to Iso 4s
34° 00′ 57″N 132° 29′ 11″E
Characteristic of buoy "No 2" to Iso 4s
34° 08′ 18″N 132° 21′ 51″E
(20(749), 50(1847)03 Tokyo)

97267 16Ed. 2/21/98 LAST NM 7/04 9/04
Add Solid line (breakwater) [F4.1] between
34° 17′ 03″N 132° 30′ 52″E
34° 17′ 02″N 132° 30′ 54″E
(46(1712)03 Tokyo)

97267 16Ed. 2/21/98 LAST NM 9/04 13/04
Delete Buoy 34° 07′ 02″N 132° 12′ 33″E
Buoy 34° 07′ 12″N 132° 12′ 27″E
Buoy 34° 07′ 15″N 132° 12′ 24″E

Add Fish haven symbol [K46.1] 33° 58′ 23″N 132° 29′ 55″E
(1(5), 5(129)04 Tokyo)

97267 16Ed. 2/21/98 LAST NM 13/04 32/04
Delete Light 34° 21′ 34″N 132° 21′ 52″E
(35(1432)99 Tokyo)

97267 16Ed. 2/21/98 LAST NM 32/04 3/05
Delete Submarine cable in vicinity 34° 20′ 06″N 132° 26′ 54″E
(43(1110)04 Tokyo)

97267 16Ed. 2/21/98 LAST NM 3/05 15/05
Add Fish haven symbol [K46.1] 34° 11′ 49″N 132° 34′ 00″E
Fish haven symbol [K46.1] 34° 15′ 40″N 132° 22′ 46″E
(8(236, 238)05 Tokyo)

97267 16Ed. 2/21/98 LAST NM 15/05 21/05
Substitute Depth 6 meters for 9 meters 33° 55′ 29″N 132° 34′ 09″E
Depth 12 meters for 16 meters 33° 53′ 07″N 132° 28′ 38″E
(14(409)05 Tokyo)

97267 16Ed. 2/21/98 LAST NM 21/05 27/05
Change Visibility (range) of beacon to 3M
33° 59′ 25″N 132° 32′ 02″E
(19(539)05 Tokyo)

97267 16Ed. 2/21/98 LAST NM 27/05 28/05
Change Light to Fl G 4s 12m 5M 34° 15′ 22″N 132° 14′ 03″E
(8(239)05 Tokyo)

97267 16Ed. 2/21/98 LAST NM 28/05 11/06
Add Fish haven symbol [K46.1] 34° 14′ 24″N 132° 31′ 21″E
(1(12)06 Tokyo)

97267 16Ed. 2/21/98 LAST NM 11/06 20/06
Change Visibility (range) of beacon to 3M
34° 17′ 39″N 132° 17′ 43″E
Visibility (range) of light to 3M
34° 17′ 25″N 132° 17′ 04″E
(11(333)06 Tokyo)

97267 16Ed. 2/21/98 LAST NM 20/06 24/06
Change Visibility (range) of light to 8M
34° 02′ 35″N 132° 13′ 12″E
(8(234)06 Tokyo)

97267 16Ed. 2/21/98 LAST NM 24/06 25/06
Add Fish haven symbol [K46.1] 33° 58′ 22″N 132° 29′ 46″E
(18(543)06 Tokyo)

97267 16Ed. 2/21/98 LAST NM 25/06 6/07
Change Visibility (range) of light to 5M
34° 21′ 41″N 132° 23′ 55″E
(47(1401)06 Tokyo)

97267 16Ed. 2/21/98 LAST NM 6/07 13/07
Add Buoy "SEAPLANE 1" Or, can 34° 08′ 17″N 132° 15′ 55″E
Buoy "SEAPLANE 2" Or, can 34° 08′ 03″N 132° 16′ 02″E
Buoy "SEAPLANE 3" Or, can 34° 07′ 49″N 132° 16′ 08″E
Buoy "SEAPLANE 4" Or, can 34° 07′ 34″N 132° 16′ 14″E
Buoy "SEAPLANE 5" Or, can 34° 07′ 18″N 132° 16′ 20″E
Buoy "SEAPLANE 6" Or, can 34° 07′ 05″N 132° 16′ 26″E
Buoy "SEAPLANE 7" Or, can 34° 07′ 07″N 132° 16′ 07″E
Buoy "SEAPLANE 8" Or, can 34° 07′ 10″N 132° 15′ 48″E
Buoy "SEAPLANE 9" Or, can 34° 07′ 12″N 132° 15′ 28″E
Buoy "SEAPLANE 10" Or, can
34° 07′ 15″N 132° 15′ 09″E
Buoy "SEAPLANE 11" Or, can
34° 07′ 17″N 132° 14′ 49″E

(continued on next page)

97267 (Continued) 13/07
Buoy "SEAPLANE 12" Or, can
34° 07′ 18″N 132° 16′ 37″E
Buoy "SEAPLANE 13" Or, can
34° 07′ 31″N 132° 16′ 48″E
Buoy "SEAPLANE 14" Or, can
34° 07′ 46″N 132° 17′ 01″E
Buoy "SEAPLANE 15" Or, can
34° 07′ 59″N 132° 17′ 12″E
Buoy "SEAPLANE 16" Or, can
34° 08′ 08″N 132° 16′ 48″E
Light Q(2) R 6s 10m 7M 34° 08′ 03″N 132° 15′ 28″E
Light Q(2) G 6s 11m 7M 34° 07′ 54″N 132° 15′ 26″E
(NTM0010/2007)

97267 16Ed. 2/21/98 LAST NM 13/07 47/07
Add Fish haven symbol [K46.1] 34° 20′ 00″N 132° 29′ 33″E
(15(480)07 Tokyo)

97267 16Ed. 2/21/98 LAST NM 47/07 50/07
Add Fish haven symbol [K46.1] 34° 02′ 38″N 132° 28′ 53″E
(7(192)07 Tokyo)

97267 16Ed. 2/21/98 LAST NM 50/07 11/08
Change Light to Fl R 5s 13m 3M 34° 10′ 23″N 132° 29′ 52″E
(48(1600)07 Tokyo)

97267 16Ed. 2/21/98 LAST NM 11/08 15/08
Add Fish haven symbol [K46.1] 34° 02′ 51″N 132° 28′ 41″E
(1(20)08 Tokyo)

97267 16Ed. 2/21/98 LAST NM 15/08 28/08
Change Light to Iso G 6s 13m 5M 34° 20′ 16″N 132° 19′ 23″E
(20(665)08 Tokyo)

97267 16Ed. 2/21/98 LAST NM 28/08 32/08
Add Fish haven symbol [K46.1] 33° 51′ 38″N 132° 22′ 13″E
(25(883)08 Tokyo)

97267 16Ed. 2/21/98 LAST NM 32/08 28/09
Change Visibility (range) of light to 17/15M
34° 20′ 26″N 132° 27′ 46″E
Visibility (range) of light to 11M
34° 20′ 43″N 132° 27′ 23″E
Visibility (range) of light to 11M
34° 20′ 40″N 132° 27′ 12″E
Visibility (range) of light to 4M
34° 20′ 48″N 132° 27′ 59″E
Visibility (range) of light to 3M
34° 21′ 14″N 132° 24′ 48″E
Visibility (range) of light to 10M
34° 20′ 16″N 132° 20′ 17″E
Light to Al Fl WG 4.3s 34° 22′ 10″N 132° 25′ 10″E
(Jpn LL)

97267 16Ed. 2/21/98 LAST NM 28/09 39/09
Substitute Depth 59 meters Wk [K26] for dangerous wreck 33° 58′ 53″N 132° 29′ 15″E
(26(1105)09 Tokyo)

97267 16Ed. 2/21/98 LAST NM 39/09 44/09
Change Light to Fl G 4s 13m 3M 34° 10′ 46″N 132° 28′ 29″E
(37(1599)09 Tokyo)

97267 16Ed. 2/21/98 LAST NM 44/09 47/09
Add Fish haven symbol [K46.1] 34° 04′ 57″N 132° 12′ 59″E
(37(1600)09 Tokyo)

97267 16Ed. 2/21/98 LAST NM 47/09 50/09
Change Visibility (range) of light to 5M
34° 04′ 12″N 132° 32′ 20″E
(26(1114)09 Tokyo)

97267 16Ed. 2/21/98 LAST NM 50/09 38/10
Change Light to Fl 3s 14m 5M 33° 54′ 35″N 132° 35′ 15″E
(20(816)10 Tokyo)

97267 16Ed. 2/21/98 LAST NM 38/10 19/11
Change Light to Mo(U) 15s 14m 10M 34° 10′ 43″N 132° 26′ 02″E
Light to Fl(2) R 6s 8m 4M 34° 11′ 34″N 132° 26′ 27″E
Visibility (range) of beacon to 5M
34° 04′ 20″N 132° 33′ 46″E
Visibility (range) of beacon to 5M
34° 02′ 21″N 132° 31′ 58″E
Visibility (range) of beacon to 8M
34° 03′ 54″N 132° 26′ 26″E
Visibility (range) of beacon to 8M
34° 10′ 40″N 132° 20′ 54″E
Visibility (range) of light to 7M
34° 01′ 45″N 132° 33′ 16″E
Visibility (range) of light to 5M
34° 01′ 27″N 132° 25′ 18″E
(Jpn LL)

97267 16Ed. 2/21/98 LAST NM 19/11 21/11
Delete Light 34° 08′ 57″N 132° 13′ 31″E
Change Light to Iso R 6s 12m 9M 34° 14′ 02″N 132° 13′ 24″E
Light to Iso G 6s 13m 5M 34° 12′ 11″N 132° 24′ 28″E
Light to Fl R 4s 12m 5M 34° 15′ 37″N 132° 24′ 25″E
Visibility (range) of light to 5M
34° 12′ 54″N 132° 23′ 39″E
Visibility (range) of light to 4M
34° 14′ 01″N 132° 13′ 50″E
Visibility (range) of light to 3M
34° 11′ 38″N 132° 14′ 06″E
Visibility (range) of light to 5M
34° 11′ 44″N 132° 18′ 56″E
Visibility (range) of light to 4M
34° 11′ 44″N 132° 19′ 04″E
Visibility (range) of light to 5M
34° 15′ 06″N 132° 21′ 34″E
Visibility (range) of light to 5M
34° 15′ 47″N 132° 24′ 48″E
Visibility (range) of light to 4M
34° 14′ 15″N 132° 26′ 10″E
Visibility (range) of light to 4M
34° 15′ 04″N 132° 27′ 32″E
Visibility (range) of light to 5M
34° 16′ 15″N 132° 22′ 28″E
Visibility (range) of light to 8M
34° 17′ 28″N 132° 21′ 42″E
Visibility (range) of light to 5M
34° 16′ 36″N 132° 24′ 17″E
(Jpn LL)

★97268 10Ed. 1/31/98 NEW EDITION 29/98
Delete Submarine cables (2) in vicinity
34° 15′ 27″N 132° 30′ 25″E
Position circle "R Lt" 34° 13′ 45″N 132° 29′ 37″E
Change Light to Fl 4s 22m 14M 34° 14′ 25″N 132° 31′ 09″E
Note to "TIDAL STREAMS
In Ondo Seto the tidal currents may
reach a maximum rate of about 4 knots."
34° 10′ 30″N 132° 31′ 24″E
Add Submarine cable joining 34° 15′ 18.8″N 132° 29′ 49.0″E
34° 15′ 16.9″N 132° 29′ 52.8″E
34° 15′ 14.5″N 132° 30′ 06.6″E
34° 15′ 34.7″N 132° 30′ 52.6″E
34° 15′ 35.5″N 132° 30′ 55.0″E
Light Fl(2) R 6s 8m 3M 34° 13′ 44.7″N 132° 29′ 38.1″E
(NIMA; 15(680), 22(923)98 Tokyo; GIMM016/98; Jpn LL)

97268 10Ed. 1/31/98 LAST NM 29/98 38/98
Add Fish haven symbol 34° 14′ 35″N 132° 29′ 50″E
(22(924)98 Tokyo)

97268 10Ed. 1/31/98 LAST NM 38/98 22/99
Add "Fish haven" area with blue tint
bound by dotted line (limiting danger
line) joining 34° 14′ 29.2″N 132° 31′ 04.2″E
34° 14′ 28.2″N 132° 31′ 06.4″E
34° 14′ 25.4″N 132° 31′ 04.4″E
34° 14′ 26.5″N 132° 31′ 02.4″E
(15(643)99 Tokyo)

97268 10Ed. 1/31/98 LAST NM 22/99 42/99
Add Fish haven symbol [K46.1] 34° 12′ 05.0″N 132° 31′ 33.9″E
(36(1472)99 Tokyo)

97268 10Ed. 1/31/98 LAST NM 42/99 48/99
Add Fish haven symbol [K46.1] 34° 11′ 53.6″N 132° 30′ 55.2″E
(43(1748)99 Tokyo)

97268 10Ed. 1/31/98 LAST NM 48/99 49/00
Delete Dashed line (overhead power cable) and vertical clearance "32" between
34° 14′ 25.3″N 132° 31′ 08.8″E
34° 14′ 32.7″N 132° 31′ 19.8″E

Position circle 34° 14′ 25.7″N 132° 31′ 09.0″E
(9(292)00 Tokyo)

97268 10Ed. 1/31/98 LAST NM 49/00 5/01
Delete Buoy 34° 15′ 17.1″N 132° 31′ 02.0″E
(35(1261)00 Tokyo)

97268 10Ed. 1/31/98 LAST NM 5/01 6/03
Change Visibility (range) of light to 11M
34° 14′ 25.0″N 132° 31′ 09.0″E
Legend at position circle to "Lt"
34° 14′ 24.0″N 132° 33′ 04.0″E
(47(1619), 48(1662)02 Tokyo)

97268 10Ed. 1/31/98 LAST NM 6/03 24/04
Add Fish haven symbol [K46.1] 34° 10′ 55.0″N 132° 33′ 35.0″E
(6(160)04 Tokyo)

97268 10Ed. 1/31/98 LAST NM 24/04 5/05
Add Chartlet, depicting changes in hydrography, topography and aids to navigation from Subsection I-2 34° 13′ 54.0″N 132° 32′ 54.0″E
(28(729)04 Tokyo)

97268 10Ed. 1/31/98 LAST NM 5/05 15/05
Delete Buoy "K1" 34° 14′ 10.5″N 132° 32′ 28.0″E
Buoy "K2" 34° 14′ 18.0″N 132° 32′ 20.8″E
Buoy "K3" 34° 14′ 05.8″N 132° 32′ 17.0″E
Buoy "K4" 34° 14′ 16.0″N 132° 32′ 08.3″E
Buoy "K5" 34° 13′ 54.5″N 132° 31′ 59.5″E
Buoy "K6" 34° 14′ 05.0″N 132° 32′ 03.0″E
Buoy "K7" 34° 14′ 14.5″N 132° 31′ 54.0″E
Buoy "K8" 34° 13′ 50.0″N 132° 31′ 50.5″E
Buoy "K9" 34° 14′ 01.5″N 132° 31′ 48.0″E
Buoy "K10" 34° 14′ 12.0″N 132° 31′ 40.0″E

Add Buoy (mooring) [Q40] "(Y Lt)"
34° 14′ 13.0″N 132° 32′ 07.8″E
Buoy (mooring) [Q40] "(Y Lt)"
34° 14′ 01.6″N 132° 32′ 02.2″E
Buoy (mooring) [Q40] "(Y Lt)"
34° 14′ 11.3″N 132° 31′ 54.0″E
Buoy (mooring) [Q40] "(Y Lt)"
34° 13′ 57.5″N 132° 31′ 48.2″E
Buoy (mooring) [Q40] "(Y Lt)"
34° 14′ 10.0″N 132° 31′ 40.0″E
(7(192)05 Tokyo)

97268 10Ed. 1/31/98 LAST NM 15/05 11/06
Add Fish haven area with blue tint [K46.1] bound by dotted line (limiting danger line) joining
34° 14′ 25.0″N 132° 31′ 19.0″E
34° 14′ 25.0″N 132° 31′ 23.0″E
34° 14′ 24.0″N 132° 31′ 23.0″E
34° 14′ 24.0″N 132° 31′ 19.0″E
(1(12)06 Tokyo)

97268 10Ed. 1/31/98 LAST NM 11/06 37/06
Add Legend "Lesser depths rep" between
34° 14′ 23.5″N 132° 32′ 45.0″E
34° 14′ 27.3″N 132° 32′ 51.5″E
(31(928)06 Tokyo)

★97269 12Ed. 7/25/09 NEW EDITION N39/09
(NGA)

★97270 7Ed. 1/16/08 NEW EDITION N24/08
(NGA)

97270 7Ed. 1/16/08 LAST NM N24/08 N38/09
Delete Light 34° 14′ 11.0″N 132° 13′ 44.0″E
(Jpn LL)

97270 7Ed. 1/16/08 LAST NM N38/09 N47/09
Add Fish haven symbol [K46.1] 34° 04′ 57.0″N 132° 12′ 59.0″E
(37(1600)09 Tokyo)

97270 7Ed. 1/16/08 LAST NM N47/09 N19/11
Change Visibility (range) of beacon to 8M
34° 10′ 40.0″N 132° 20′ 53.0″E
(Jpn LL)

97270 7Ed. 1/16/08 LAST NM N19/11 N21/11
Change Light to Iso R 6s 12m 9M 34° 14′ 01.8″N 132° 13′ 23.2″E

Visibility (range) of light to 3M
34° 11′ 38.2″N 132° 14′ 04.3″E
Visibility (range) of light to 5M
34° 11′ 41.5″N 132° 18′ 54.2″E
Visibility (range) of light to 4M
34° 11′ 41.0″N 132° 19′ 04.0″E
Visibility (range) of light to 8M
34° 17′ 26.5″N 132° 21′ 44.0″E
Visibility (range) of beacon to 5M
34° 15′ 05.5″N 132° 21′ 34.0″E
Visibility (range) of beacon to 5M
34° 16′ 14.5″N 132° 22′ 28.0″E
(Jpn LL)

97270 7Ed. 1/16/08 LAST NM N21/11 N53/11
Add Fish haven symbol [K46.1] 34° 07′ 22.0″N 132° 14′ 11.0″E
(47(1603)11 Tokyo)

★97271 12Ed. 11/29/97 NEW EDITION 12/98
Delete Swept depth 29 meters Wk "(1940)"
33° 53′ 52″N 131° 57′ 28″E
Fish haven symbol 33° 55′ 52″N 131° 56′ 58″E

Depth
0.1 meter Wk 33° 56′ 53″N 131° 56′ 55″E
67 meters 33° 57′ 07″N 132° 31′ 00″E

Submarine cable joining 33° 56′ 43″N 132° 27′ 39″E
33° 57′ 04″N 132° 28′ 38″E
33° 57′ 23″N 132° 28′ 15″E

Substitute Swept depth 21 meters Wk "(1939)" for depth 21 meters Wk "(1939)" 33° 51′ 34″N 132° 21′ 19″E

Change Topmark of beacon to can 33° 51′ 55″N 132° 03′ 24″E
Characteristic of light to Fl 3s 33° 57′ 13″N 132° 28′ 26″E
Visibility (range) of light to 12M
33° 46′ 40″N 132° 23′ 31″E

Add Solid line (breakwater) joining
33° 55′ 42.0″N 131° 57′ 49.5″E
33° 55′ 47.5″N 131° 57′ 45.5″E
33° 55′ 47.5″N 131° 57′ 43.0″E

Solid line (detached breakwater) joining 33° 55′ 35.0″N 131° 58′ 26.5″E
33° 55′ 37.5″N 131° 58′ 29.0″E
33° 55′ 40.0″N 131° 58′ 34.5″E

Position circle "R Lt" 33° 55′ 47.5″N 131° 57′ 43.0″E
33° 55′ 47.0″N 131° 57′ 55.0″E

Light
Fl R 3s 9m 6M 33° 55′ 35.0″N 131° 58′ 26.5″E
Fl R 3s 8m 6M 33° 54′ 46.5″N 132° 02′ 43.5″E

Depth
31 meters Foul 33° 54′ 19.5″N 131° 56′ 56.5″E
31 meters Foul 33° 53′ 50.0″N 131° 57′ 34.0″E
30.5 meters 33° 53′ 41.0″N 131° 58′ 05.0″E
129 meters 33° 57′ 55.0″N 132° 29′ 06.0″E
20 meters 33° 50′ 57.0″N 132° 32′ 03.0″E
36 meters Rk 33° 54′ 59.0″N 132° 32′ 06.0″E
60 meters Rk 33° 55′ 07.0″N 132° 34′ 19.0″E

Legend "Rk" to depth
13 meters 33° 51′ 04.0″N 132° 30′ 41.5″E
7 meters 33° 51′ 13.0″N 132° 30′ 56.0″E
11 meters 33° 51′ 19.0″N 132° 32′ 03.0″E
14 meters 33° 55′ 06.0″N 132° 32′ 12.0″E
44 meters 33° 55′ 05.5″N 132° 34′ 00.0″E
15 meters 33° 55′ 31.0″N 132° 34′ 08.5″E

Fish haven symbol 33° 55′ 50.5″N 131° 57′ 19.0″E
33° 47′ 56.0″N 131° 58′ 50.0″E
33° 57′ 02.0″N 132° 30′ 57.0″E

Dashed line (measured distance line) between 33° 44′ 01.5″N 132° 00′ 53.5″E
33° 50′ 51.0″N 132° 10′ 57.0″E

(continued on next page)

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97271 (Continued) 12/98
between 33° 48′ 12.5″N 132° 03′ 49.5″E
33° 46′ 47.0″N 132° 05′ 12.0″E

between 33° 49′ 00.0″N 132° 04′ 41.0″E
33° 47′ 27.0″N 132° 06′ 11.0″E

between 33° 40′ 20.0″N 132° 10′ 03.0″E
33° 45′ 36.0″N 132° 28′ 30.5″E

between 33° 43′ 27.5″N 132° 08′ 48.0″E
33° 40′ 08.0″N 132° 10′ 09.0″E

between 33° 46′ 24.0″N 132° 15′ 18.0″E
33° 41′ 56.0″N 132° 17′ 05.0″E

between 33° 46′ 53.0″N 132° 23′ 21.0″E
33° 44′ 10.0″N 132° 24′ 37.5″E

between 33° 44′ 15.0″N 132° 29′ 05.0″E
33° 45′ 55.5″N 132° 28′ 23.0″E

Legend
"051° 1970m" 33° 47′ 14.0″N 132° 05′ 36.0″E
"11278.7m" 33° 41′ 17.0″N 132° 13′ 32.0″E
"071° 16′ 12013.2m" 33° 43′ 24.0″N 132° 20′ 45.0″E
"6759.8m" 33° 45′ 00.0″N 132° 26′ 24.0″E

Vertical clearance "(Abt. 23m)" to
bridge 33° 49′ 54.0″N 132° 07′ 03.0″E

Caution note in left upper margin of
chart
"CAUTION
Differences in latitude and longitude
may exist between this and other charts
of the area; therefore, the transfer of
positions from one chart to another
should be done by bearings and distances
from common features."
(NIMA; GIMM014/98)

97271 12Ed. 11/29/97 LAST NM 12/98 19/98
Add Fish haven symbol 33° 38′ 54.5″N 132° 33′ 35.5″E
(10(437)98 Tokyo)

97271 12Ed. 11/29/97 LAST NM 19/98 20/98
Add Fish haven symbol 33° 55′ 48″N 132° 32′ 31″E
(14(622)98 Tokyo)

97271 12Ed. 11/29/97 LAST NM 20/98 38/98
Add Danger circle "Sinker" 33° 53′ 35.5″N 132° 03′ 21.0″E
33° 53′ 32.0″N 132° 03′ 14.5″E
(23(976)98 Tokyo)

97271 12Ed. 11/29/97 LAST NM 38/98 52/98
Add Fish haven symbol 33° 54′ 46″N 131° 59′ 54″E
33° 47′ 11″N 132° 03′ 27″E
33° 49′ 00″N 132° 05′ 15″E
33° 39′ 02″N 132° 31′ 09″E
(34(1410, 1411)98 Tokyo)

97271 12Ed. 11/29/97 LAST NM 52/98 10/99
Delete Submarine cables (2) between 33° 37′ 45″N 132° 30′ 56″E
33° 44′ 10″N 132° 29′ 05″E
(49(2122)97 Tokyo)

97271 12Ed. 11/29/97 LAST NM 10/99 22/99
Add Fish haven symbol 33° 50′ 50″N 132° 06′ 51″E
33° 46′ 49″N 132° 02′ 57″E
(15(644)99 Tokyo)

97271 12Ed. 11/29/97 LAST NM 22/99 29/99
Add "Being Reclaimed (1998)"area with land tint
bound by shore and dashed line joining
33° 50′ 35.3″N 132° 06′ 09.2″E
33° 50′ 36.0″N 132° 06′ 16.7″E
33° 50′ 31.1″N 132° 06′ 17.2″E
33° 50′ 30.7″N 132° 06′ 13.9″E
(10(439)98 Tokyo)

97271 12Ed. 11/29/97 LAST NM 29/99 31/99
Add Fish haven symbol 33° 38′ 29″N 132° 31′ 07″E
Fish haven symbol 33° 39′ 34″N 132° 34′ 19″E
Fish haven symbol 33° 53′ 40″N 132° 02′ 32″E
Fish haven symbol 33° 48′ 10″N 132° 04′ 30″E
Fish haven symbol 33° 52′ 58″N 132° 04′ 05″E
Fish haven symbol 33° 52′ 44″N 132° 00′ 06″E
(24(1020), 25(1068-1070)99 Tokyo)

97271 12Ed. 11/29/97 LAST NM 31/99 43/99
Add Dangerous wreck [K28] 33° 36′ 18″N 132° 19′ 07″E
(37(1504)99 Tokyo)

97271 12Ed. 11/29/97 LAST NM 43/99 10/00
Add Fish haven symbol [K46.1] 33° 53′ 09″N 132° 03′ 11″E
(2(51)00 Tokyo)

97271 12Ed. 11/29/97 LAST NM 10/00 25/01
Substitute Depth 10 meters for 9 meters 33° 51′ 24″N 132° 31′ 45″E
Depth 43 meters for 48 meters 33° 49′ 00″N 132° 34′ 50″E
(21(761)01 Tokyo)

97271 12Ed. 11/29/97 LAST NM 25/01 32/01
Add Wreck [K29] 33° 51′ 31″N 132° 32′ 30″E
(8(263)00 Tokyo)

97271 12Ed. 11/29/97 LAST NM 32/01 33/01
Add Fish haven symbol [K46.1] 33° 52′ 38″N 132° 08′ 43″E
Fish haven symbol [K46.1] 33° 49′ 29″N 132° 07′ 07″E
Fish haven symbol [K46.1] 33° 47′ 23″N 132° 12′ 07″E
Fish haven symbol [K46.1] 33° 54′ 16″N 132° 00′ 48″E
Fish haven symbol [K46.1] 33° 46′ 36″N 131° 59′ 18″E
(10(327, 328), 12(395), 17(589, 590)00 Tokyo)

97271 12Ed. 11/29/97 LAST NM 33/01 34/01
Add Fish haven symbol [K46.1] 33° 46′ 45″N 132° 03′ 30″E
Fish haven symbol [K46.1] 33° 38′ 24″N 132° 30′ 52″E
(20(675, 676)00 Tokyo)

97271 12Ed. 11/29/97 LAST NM 34/01 35/01
Add Fish haven symbol [K46.1] 33° 48′ 21″N 132° 03′ 10″E
Fish haven symbol [K46.1] 33° 50′ 41″N 132° 01′ 11″E
(23(832)01 Tokyo)

97271 12Ed. 11/29/97 LAST NM 35/01 45/01
Add Fish haven symbol [K46.1] 33° 39′ 18″N 132° 33′ 21″E
(40(1530)01 Tokyo)

97271 12Ed. 11/29/97 LAST NM 45/01 17/02
Substitute Depth 1.9 meters for 7.3 meters
33° 57′ 25″N 132° 32′ 02″E
(10(340)02 Tokyo)

97271 12Ed. 11/29/97 LAST NM 17/02 18/02
Substitute Depth 24 meters for 26 meters 33° 56′ 27″N 132° 34′ 47″E
Depth 9 meters for 15 meters 33° 55′ 31″N 132° 34′ 09″E
Depth 24 meters for 27 meters 33° 56′ 05″N 132° 30′ 34″E
Depth 24 meters for 26 meters 33° 51′ 57″N 132° 32′ 07″E

Add Depth 17 meters enclosed by depth contour
(20-meter) 33° 56′ 02″N 132° 30′ 42″E
Depth 16 meters enclosed by depth contour
(20-meter) 33° 53′ 07″N 132° 28′ 38″E

Depth 23 meters 33° 53′ 48″N 132° 30′ 11″E
(12(425)02 Tokyo)

97271 12Ed. 11/29/97 LAST NM 18/02 25/02
Add Fish haven symbol [K46.1] 33° 56′ 48″N 132° 27′ 11″E
(19(663)02 Tokyo)

97271 12Ed. 11/29/97 LAST NM 25/02 29/02
Add Fish haven symbol [K46.1] 33° 55′ 39″N 132° 31′ 26″E
(23(806)02 Tokyo)

97271 12Ed. 11/29/97 LAST NM 29/02 37/02
Add Fish haven symbol [K46.1] 33° 53′ 41″N 132° 02′ 16″E
Fish haven symbol [K46.1] 33° 52′ 11″N 132° 01′ 11″E
Fish haven symbol [K46.1] 33° 51′ 44″N 132° 01′ 28″E
(31(1061)02 Tokyo)

97271 12Ed. 11/29/97 LAST NM 37/02 39/02
Add Position circle "Chy" [E22] 33° 56′ 46″N 132° 07′ 13″E
(33(1137)02 Tokyo)

97271 12Ed. 11/29/97 LAST NM 39/02 6/03
Delete Position circle and legend "Tr (79)"
33° 51′ 43″N 132° 21′ 42″E
Position circle and legend "Tr (77)"
33° 51′ 27″N 132° 21′ 28″E

Vertical clearance "43" 33° 51′ 43″N 132° 21′ 42″E

Change Light on beacon to Mo(C) G 13s 15m 10M
33° 50′ 45″N 132° 21′ 54″E

Height of light to 15m 33° 46′ 18″N 132° 03′ 06″E
(48(1675)02 Tokyo; Jpn LL)

97271 12Ed. 11/29/97 LAST NM 6/03 10/03
Add Fish haven symbol [K46.1] 33° 57′ 37″N 132° 30′ 34″E
(21(710)00 Tokyo)

97271 12Ed. 11/29/97 LAST NM 10/03 12/03
Add Fish haven symbol [K46.1] 33° 48′ 50″N 132° 05′ 06″E
Fish haven symbol [K46.1] 33° 49′ 27″N 132° 08′ 06″E
(4(122), 21(747)01 Tokyo)

97271 12Ed. 11/29/97 LAST NM 12/03 26/03
Add Fish haven symbol [K46.1] 33° 50′ 44″N 132° 22′ 13″E
(19(711)03 Tokyo)

97271 12Ed. 11/29/97 LAST NM 26/03 35/03
Add Fish haven symbol [K46.1] 33° 54′ 39″N 132° 08′ 00″E
(28(1068)03 Tokyo)

97271 12Ed. 11/29/97 LAST NM 35/03 41/03
Add Solid line (breakwater) [F4.1] between
33° 37′ 53.5″N 132° 29′ 50.7″E
33° 37′ 42.0″N 132° 29′ 32.0″E
(18(681)03 Tokyo; Jpn CH W140)

97271 12Ed. 11/29/97 LAST NM 41/03 44/03
Add Fish haven symbol [K46.1] 33° 52′ 26.0″N 132° 14′ 33.0″E
(37(1421)03 Tokyo)

97271 12Ed. 11/29/97 LAST NM 44/03 9/04
Add Depth 6 meters, blue tint and enclosing
depth contour (10-meter) 33° 54′ 06″N 132° 00′ 54″E
(51(1886)03 Tokyo)

97271 12Ed. 11/29/97 LAST NM 9/04 17/04
Add Fish haven symbol [K46.1] 33° 54′ 20″N 132° 23′ 38″E
(7(191)04 Tokyo)

97271 12Ed. 11/29/97 LAST NM 17/04 24/04
Add Fish haven symbol [K46.1] 33° 47′ 37″N 132° 10′ 35″E
Fish haven symbol [K46.1] 33° 51′ 06″N 132° 01′ 09″E
Fish haven symbol [K46.1] 33° 55′ 05″N 131° 59′ 36″E
(6(162), 13(352)04 Tokyo)

97271 12Ed. 11/29/97 LAST NM 24/04 31/04
Add Fish haven symbol [K46.1] 33° 49′ 21″N 132° 07′ 01″E
(22(587)04 Tokyo)

97271 12Ed. 11/29/97 LAST NM 31/04 8/05
Add Wreck [K29] 33° 38′ 09″N 132° 11′ 51″E
(1(25)05 Tokyo)

97271 12Ed. 11/29/97 LAST NM 8/05 21/05
Substitute Depth 6 meters for 9 meters 33° 55′ 29″N 132° 34′ 09″E
Depth 12 meters for 16 meters 33° 53′ 07″N 132° 28′ 38″E
(14(409)05 Tokyo)

97271 12Ed. 11/29/97 LAST NM 21/05 27/05
Add Wreck [K29] 33° 44′ 24″N 132° 24′ 06″E
(19(540)05 Tokyo)

97271 12Ed. 11/29/97 LAST NM 27/05 49/05
Add Wreck [K29] 33° 43′ 51″N 132° 14′ 39″E
(34(1046)05 Tokyo)

97271 12Ed. 11/29/97 LAST NM 49/05 14/06
Change Visibility (range) of light to 5M
33° 56′ 54″N 131° 56′ 59″E
(50(1512)05 Tokyo)

97271 12Ed. 11/29/97 LAST NM 14/06 19/06
Change Beacon to Fl G 4s 8m 5M 33° 45′ 54″N 132° 15′ 16″E
(1(14)06 Tokyo)

97271 12Ed. 11/29/97 LAST NM 19/06 20/06
Change Beacon to Fl(2) 5s 7m 5M 33° 49′ 26″N 132° 21′ 57″E
(50(1511)05 Tokyo)

97271 12Ed. 11/29/97 LAST NM 20/06 25/06
Add Fish haven symbol [K46.1] 33° 39′ 48″N 132° 27′ 09″E
(19(574)06 Tokyo)

97271 12Ed. 11/29/97 LAST NM 25/06 37/06
Add Wreck [K29] 33° 46′ 11″N 132° 27′ 04″E
(31(930)06 Tokyo)

97271 12Ed. 11/29/97 LAST NM 37/06 39/06
Change Visibility (range) of light to 5M
33° 46′ 19″N 132° 03′ 07″E
(14(433)06 Tokyo)

97271 12Ed. 11/29/97 LAST NM 39/06 41/06
Delete Wreck 33° 38′ 09″N 132° 11′ 51″E
(34(1022)06 Tokyo)

97271 12Ed. 11/29/97 LAST NM 41/06 44/06
Add Fish haven symbol [K46.1] 33° 53′ 08″N 132° 17′ 38″E
Fish haven symbol [K46.1] 33° 53′ 03″N 132° 17′ 33″E
(29(858)06 Tokyo)

97271 12Ed. 11/29/97 LAST NM 44/06 32/08
Add Fish haven symbol [K46.1] 33° 51′ 38″N 132° 22′ 13″E
(25(883)08 Tokyo)

97271 12Ed. 11/29/97 LAST NM 32/08 31/09
Delete Danger circle "Wave meter" 33° 47′ 03″N 132° 01′ 16″E

Submarine cable between 33° 47′ 03″N 132° 01′ 16″E
33° 47′ 24″N 132° 02′ 00″E

Add Fish haven symbol [K46.1] 33° 51′ 24″N 132° 19′ 35″E
(17(715), 25(1074)09 Tokyo)

97271 12Ed. 11/29/97 LAST NM 31/09 41/09
Delete Submarine cable joining 33° 47′ 27″N 131° 59′ 06″E
33° 47′ 30″N 132° 00′ 42″E
33° 47′ 25″N 132° 02′ 00″E
(Jpn CH W140)

97271 12Ed. 11/29/97 LAST NM 41/09 5/10
Change Light to Fl 5s 30m 5M 33° 47′ 04″N 132° 01′ 21″E
(51(2146)09 Tokyo)

★**97273** 11Ed. 5/31/03 NEW EDITION 34/03
Add Racon [S3.1] to buoy 33° 51′ 36″N 131° 11′ 48″E
Ra ref [S4] to buoy 33° 50′ 00″N 131° 12′ 50″E
(NIMA; Jpn CH W1101)

97273 11Ed. 5/31/03 LAST NM 34/03 52/03
Change Characteristic of light to Fl(2) G 6s
33° 58′ 25″N 131° 09′ 53″E
(Jpn LL)

97273 11Ed. 5/31/03 LAST NM 52/03 1/04
Change Characteristic of buoy "No 1" to Iso 4s
33° 50′ 38″N 131° 44′ 39″E
Characteristic of buoy "No 2" to Iso 4s
33° 57′ 43″N 131° 44′ 41″E
Characteristic of buoy "No 2" to Iso 4s
33° 59′ 47″N 131° 38′ 57″E
Characteristic of buoy "No 2" to Mo(A) 8s
33° 44′ 04″N 131° 53′ 51″E
Characteristic of buoy "No 3" to Mo(A) 8s
33° 43′ 15″N 131° 58′ 23″E

(continued on next page)

97273 (Continued) 1/04
Characteristic of buoy "No 4" to Mo(A) 8s
33° 42′ 24″N 132° 03′ 23″E
(43(1619, 1620)03 Tokyo)

97273 11Ed. 5/31/03 LAST NM 1/04 9/04
Change Characteristic of buoy "No 2" to Mo(A) 8s
33° 49′ 22″N 131° 23′ 39″E
Characteristic of buoy "No 3" to Mo(A) 8s
33° 48′ 21″N 131° 29′ 33″E
Characteristic of buoy "No 4" to Mo(A) 8s
33° 47′ 18″N 131° 35′ 27″E
Characteristic of buoy "No 6" to Iso 4s
33° 45′ 40″N 131° 44′ 39″E
(46(1713)03 Tokyo)

97273 11Ed. 5/31/03 LAST NM 9/04 33/04
Delete Submarine cable in vicinity 33° 58′ 00″N 131° 39′ 42″E
Submarine cable in vicinity 33° 58′ 00″N 131° 39′ 54″E
(12(316)04 Tokyo)

97273 11Ed. 5/31/03 LAST NM 33/04 38/04
Change Light to Fl(2) R 8s 5M 33° 54′ 07″N 130° 59′ 54″E
(Jpn LL)

97273 11Ed. 5/31/03 LAST NM 38/04 12/05
Substitute Solid line for dashed line joining
33° 48′ 56″N 131° 00′ 02″E
33° 49′ 11″N 131° 00′ 42″E
33° 49′ 09″N 131° 00′ 43″E
(51(1328)04 Tokyo)

97273 11Ed. 5/31/03 LAST NM 12/05 40/05
Delete Dashed line between 33° 48′ 00″N 131° 00′ 45″E
33° 48′ 18″N 131° 01′ 39″E

Dashed line between 33° 47′ 52″N 131° 00′ 48″E
33° 48′ 06″N 131° 01′ 42″E

Swept depth 6.9 meters Wk 33° 56′ 31″N 131° 04′ 24″E

Substitute Depth 8.3 meters Foul [K31] for swept depth
7.6 meters Wk and legend "Wks"
33° 56′ 31″N 131° 04′ 56″E

Add Dashed line (dredged channel limit) joining
33° 47′ 12″N 131° 00′ 34″E
33° 48′ 04″N 131° 01′ 18″E
33° 48′ 18″N 131° 00′ 45″E

Dashed line (dredged channel limit) joining
33° 47′ 04″N 131° 00′ 36″E
33° 47′ 52″N 131° 01′ 16″E
33° 48′ 06″N 131° 01′ 42″E

Depth 9.5 meters 33° 48′ 36″N 131° 02′ 58″E
Depth 8.3 meters Foul [K31] 33° 56′ 42″N 131° 04′ 07″E
(8(212), 43(1107)04 Tokyo)

97273 11Ed. 5/31/03 LAST NM 40/05 7/06
Add Wreck [K29] 33° 41′ 19″N 131° 46′ 21″E
(51(1560)05 Tokyo)

97273 11Ed. 5/31/03 LAST NM 7/06 14/06
Change Visibility (range) of light to 5M
33° 56′ 53″N 131° 57′ 00″E
(50(1512)05 Tokyo)

97273 11Ed. 5/31/03 LAST NM 14/06 15/06
Add Legend "Lesser depths rep" 33° 47′ 03″N 131° 06′ 03″E
Depth 9 meters 33° 44′ 42″N 131° 06′ 36″E
(7(225)06 Tokyo)

97273 11Ed. 5/31/03 LAST NM 15/06 31/06
Change Light to Fl 3s 50m 7M 33° 41′ 08″N 131° 33′ 39″E
(7(195)06 Tokyo)

97273 11Ed. 5/31/03 LAST NM 31/06 39/06
Change Visibility (range) of light to 5M
33° 46′ 19″N 132° 03′ 07″E
(14(433)06 Tokyo)

97273 11Ed. 5/31/03 LAST NM 39/06 50/06
Change Light to Fl(2) R 6s 3M 33° 43′ 52″N 131° 38′ 56″E
(26(765)06 Tokyo)

97273 11Ed. 5/31/03 LAST NM 50/06 40/07
Add Fish haven symbol [K46] 34° 00′ 04″N 131° 42′ 49″E
Fish haven symbol [K46] 33° 59′ 27″N 131° 42′ 39″E
(36(1205)07 Tokyo)

97273 11Ed. 5/31/03 LAST NM 40/07 18/08
Add Fish haven symbol [K46.1] 33° 40′ 50″N 131° 29′ 44″E
(12(364)08 Tokyo)

97273 11Ed. 5/31/03 LAST NM 18/08 27/09
Add Superbuoy SBM [L16] "No 1", Mo(U) 8s
33° 59′ 32″N 131° 45′ 40″E
(Jpn CH 1133B)

97273 11Ed. 5/31/03 LAST NM 27/09 31/09
Delete Light 33° 47′ 09″N 131° 00′ 32″E

Add Fish haven symbol [K46.1] 33° 54′ 22″N 131° 15′ 11″E
Light Fl R 3s 4M 33° 47′ 15″N 131° 00′ 30″E
(25(1075, 1076)09 Tokyo)

97273 11Ed. 5/31/03 LAST NM 31/09 41/09
Change Visibility (range) of light to 8M
33° 56′ 07″N 131° 55′ 50″E
(Jpn LL)

97273 11Ed. 5/31/03 LAST NM 41/09 52/09
Change Visibility (range) of light to 5M
33° 56′ 16″N 131° 13′ 53″E
Light to Fl G 3s 13m 3M 34° 01′ 51″N 131° 28′ 09″E
(4(135), 43(1843)09 Tokyo)

97273 11Ed. 5/31/03 LAST NM 52/09 5/10
Change Visibility (range) of light to 5M
33° 47′ 04″N 132° 01′ 21″E
(51(2146)09 Tokyo)

97273 11Ed. 5/31/03 LAST NM 5/10 7/10
Change Light to Fl 4s 66m 5M 33° 59′ 58″N 131° 32′ 38″E
(44(1893)09 Tokyo)

97273 11Ed. 5/31/03 LAST NM 7/10 21/10
Change Visibility (range) of light to 5M
33° 41′ 00″N 131° 31′ 24″E
(12(464)10 Tokyo)

★97275 3Ed. 10/11/03 NEW EDITION 52/03
(NGA)

97275 3Ed. 10/11/03 LAST NM 52/03 19/11
Change Light to Fl(2) R 6s 8m 4M 34° 11′ 32.5″N 132° 26′ 26.5″E

Light to Mo(U) W 15s 14m 10M
34° 10′ 41.0″N 132° 26′ 01.5″E
(Jpn LL)

★97276 2Ed. 10/18/03 NEW EDITION 50/03
(NGA)

97276 2Ed. 10/18/03 LAST NM 50/03 15/05
Add Fish haven symbol [K46.1] 34° 09′ 34.0″N 132° 29′ 33.0″E
(8(237)05 Tokyo)

97276 2Ed. 10/18/03 LAST NM 15/05 11/08
Change Light to Fl R 5s 13m 3M 34° 10′ 23.0″N 132° 29′ 52.0″E
(48(1600)07 Tokyo)

97276 2Ed. 10/18/03 LAST NM 11/08 27/08
Add Fish haven symbol [K46.1] 34° 10′ 09.1″N 132° 29′ 31.5″E
(22(756)08 Tokyo)

97276 2Ed. 10/18/03 LAST NM 27/08 44/09
Change Light to Fl G 4s 13m 3M 34° 10′ 45.6″N 132° 28′ 29.0″E
(37(1599)09 Tokyo)

★97277 12Ed. 1/24/04 CHART CANCELED 40/13
(NGA)

★97278 12Ed. 12/27/03 NEW EDITION 14/04
(NGA)

97278 12Ed. 12/27/03 LAST NM 14/04 42/04
Add Submarine pipeline (water) [L41.1] joining
33° 11′ 55″N 132° 21′ 27″E
33° 11′ 12″N 132° 21′ 00″E
33° 09′ 56″N 132° 18′ 04″E
33° 09′ 57″N 132° 17′ 20″E
(35(905)04 Tokyo)

97278 12Ed. 12/27/03 LAST NM 42/04 1/05
Delete Buoy "11" 32° 36′ 00″N 132° 29′ 00″E
(45(1155)04 Tokyo)

97278 12Ed. 12/27/03 LAST NM 1/05 21/05
Change Light to Fl(2) 20s 174m 21M 32° 42′ 17″N 132° 32′ 37″E
(3(62)05 Tokyo)

97278 12Ed. 12/27/03 LAST NM 21/05 22/05
Delete Buoy 33° 13′ 48″N 131° 53′ 12″E
(15(432)05 Tokyo)

97278 12Ed. 12/27/03 LAST NM 22/05 29/05
Change Visibility (range) of light to 5M
33° 06′ 11″N 132° 00′ 15″E
(21(616)05 Tokyo)

97278 12Ed. 12/27/03 LAST NM 29/05 50/05
Add Wreck [K29] 33° 01′ 00″N 132° 22′ 42″E
(39(1175)05 Tokyo)

97278 12Ed. 12/27/03 LAST NM 50/05 12/06
Add Fish haven symbol [K46.1] 33° 16′ 27″N 131° 50′ 53″E
Fish haven symbol [K46.1] 33° 16′ 27″N 131° 49′ 27″E
Fish haven symbol [K46.1] 33° 16′ 57″N 131° 48′ 14″E
Fish haven symbol [K46.1] 33° 17′ 10″N 131° 48′ 10″E
(4(96)06 Tokyo)

97278 12Ed. 12/27/03 LAST NM 12/06 15/06
Change Light to Fl(2) G 6s 5M 33° 15′ 23″N 131° 35′ 57″E
(51(1545)05 Tokyo)

97278 12Ed. 12/27/03 LAST NM 15/06 31/06
Change Visibility (range) of light to 5M
33° 15′ 04″N 131° 52′ 00″E
(7(196)06 Tokyo)

97278 12Ed. 12/27/03 LAST NM 31/06 33/06
Change Light to F Fl R 3s 12m 7/3M 32° 41′ 07″N 131° 48′ 33″E
(21(636)06 Tokyo)

97278 12Ed. 12/27/03 LAST NM 33/06 41/06
Change Light to Fl R 3s 7M 33° 16′ 38″N 131° 39′ 33″E
(51(1546)05 Tokyo)

97278 12Ed. 12/27/03 LAST NM 41/06 49/06
Change Light to Fl 3s 10m 5M 32° 35′ 27″N 131° 42′ 59″E
Visibility (range) of light to 5M
32° 36′ 37″N 131° 45′ 17″E
(34(1007)06 Tokyo)

97278 12Ed. 12/27/03 LAST NM 49/06 8/07
Change Visibility (range) of light to 8M
33° 18′ 33″N 131° 30′ 27″E
Visibility (range) of light to 7M
33° 18′ 06″N 131° 30′ 30″E
(50(1499)06 Tokyo)

97278 12Ed. 12/27/03 LAST NM 8/07 40/07
Delete Depth 31 meters and fish haven symbol
33° 19′ 38″N 131° 51′ 48″E
Add Depth 30.5 meters "Fish haven" [K46.2]
33° 19′ 47″N 131° 51′ 51″E
(36(1207)07 Tokyo)

97278 12Ed. 12/27/03 LAST NM 40/07 47/07
Add Fish haven symbol [K46.1] 33° 06′ 49″N 131° 56′ 39″E
(15(483)07 Tokyo)

97278 12Ed. 12/27/03 LAST NM 47/07 15/08
Add Wreck [K29] 32° 53′ 26″N 132° 21′ 39″E
(1(21)08 Tokyo)

97278 12Ed. 12/27/03 LAST NM 15/08 28/08
Change Visibility (range) of light to 5M
33° 18′ 06″N 131° 30′ 22″E
(20(668)08 Tokyo)

97278 12Ed. 12/27/03 LAST NM 28/08 33/08
Change Visibility (range) of light to 9M
33° 16′ 30″N 131° 39′ 37″E
Visibility (range) of light to 9M
33° 16′ 22″N 131° 37′ 59″E
Visibility (range) of light to 4M
33° 15′ 20″N 131° 35′ 51″E
Visibility (range) of light to 9/5M
33° 15′ 05″N 131° 35′ 13″E
Visibility (range) of light to 9/5M
33° 15′ 06″N 131° 35′ 08″E
Visibility (range) of light to 9M
33° 16′ 46″N 131° 40′ 36″E
(18(570)08 Tokyo)

97278 12Ed. 12/27/03 LAST NM 33/08 31/09
Add Fish haven symbol [K46.1] 33° 17′ 31″N 131° 52′ 21″E
(25(1078)09 Tokyo)

97278 12Ed. 12/27/03 LAST NM 31/09 38/09
Change Light to Fl 3s 67m 5M 32° 45′ 12″N 132° 32′ 45″E
Visibility (range) of light to 13M
32° 39′ 54″N 131° 49′ 20″E
(25(1070, 1080)09 Tokyo; Jpn LL)

97278 12Ed. 12/27/03 LAST NM 38/09 43/09
Delete Submarine cable between 32° 46′ 40″N 131° 54′ 42″E
32° 43′ 21″N 131° 55′ 32″E
(38(1632)09 Tokyo)

97278 12Ed. 12/27/03 LAST NM 43/09 46/09
Change Visibility (range) of light to 4M
32° 45′ 18″N 132° 47′ 06″E
(33(1421)09 Tokyo)

97278 12Ed. 12/27/03 LAST NM 46/09 5/10
Change Light to Fl G 3s 5M 33° 20′ 01″N 131° 29′ 48″E
(51(2148)09 Tokyo)

97278 12Ed. 12/27/03 LAST NM 5/10 13/10
Change Visibility (range) of light to 7M
33° 18′ 26″N 132° 29′ 12″E
Visibility (range) of light to 5M
33° 07′ 36″N 132° 29′ 48″E
Visibility (range) of light to 5M
33° 01′ 14″N 132° 27′ 30″E
(7(267, 269, 270)10 Tokyo)

97278 12Ed. 12/27/03 LAST NM 13/10 20/10
Change Light to Fl(2) R 6s 5M 33° 16′ 46″N 131° 40′ 36″E
(11(439)10 Tokyo)

97278 12Ed. 12/27/03 LAST NM 20/10 21/10
Change Light to Fl(2) R 8s 3M 32° 41′ 42″N 131° 50′ 03″E
(12(470)10 Tokyo)

97278 12Ed. 12/27/03 LAST NM 21/10 37/10
Change Visibility (range) of light to 8M
32° 55′ 13″N 132° 41′ 09″E
Visibility (range) of light to 4M
32° 58′ 21″N 132° 30′ 17″E
Light to Fl 3s 90m 12M 32° 42′ 54″N 131° 55′ 42″E
(21(856, 860, 861)10 Tokyo)

★**97279** 10Ed. 1/17/09 NEW EDITION N14/09
(NGA)

97279 10Ed. 1/17/09 LAST NM N14/09 N5/10
Change Light to Fl G 3s 14m 5M 33° 19′ 54.0″N 131° 29′ 51.0″E
(51(2148)09 Tokyo)

97279 10Ed. 1/17/09 LAST NM N5/10 N20/10
Change Light to Fl(2) R 6s 12m 5M
33° 16′ 46.0″N 131° 40′ 36.0″E
(11(439)10 Tokyo)

★**97281** 3Ed. 9/20/03 NEW EDITION 50/03
(NGA)

97281 3Ed. 9/20/03 LAST NM 50/03 25/08
Add Fish haven symbol [K46.1] 33° 28′ 13″N 132° 22′ 07″E
(20(670)08 Tokyo)

97281 3Ed. 9/20/03 LAST NM 25/08 21/10
Change Visibility (range) of light to 7M
33° 26′ 22″N 132° 21′ 41″E
Visibility (range) of light to 5M
33° 28′ 27″N 132° 21′ 09″E
(12(466)10 Tokyo)

97281 3Ed. 9/20/03 LAST NM 21/10 50/11
(Plan)
Add Land tint to area bound by shore and solid line
between 33° 27′ 30.9″N 132° 25′ 01.1″E
33° 27′ 42.2″N 132° 25′ 13.1″E
and delete all hydrography and topography
within above area
(45(1545)11 Tokyo)

97281 3Ed. 9/20/03 LAST NM 50/11 22/12
Change Visibility (range) of light to 12M
33° 27′ 09″N 132° 19′ 00″E
(19(382)12 Tokyo)

★**97283** 4Ed. 9/6/08 NEW EDITION N48/08
(NGA)

97283 4Ed. 9/6/08 LAST NM N48/08 N31/09
Relocate Buoy from 33° 16′ 25.8″N 131° 39′ 41.5″E to
33° 16′ 33.5″N 131° 39′ 35.7″E
(21(877)09 Tokyo)

97283 4Ed. 9/6/08 LAST NM N31/09 N20/10
Change Light to Fl(2) R 6s 12m 5M
33° 16′ 46.0″N 131° 40′ 36.6″E
(11(439)10 Tokyo)

★**97288** 4Ed. 2/9/08 NEW EDITION N17/08
(NGA)

★**97293** 2Ed. 6/2/11 NEW EDITION N49/11
(NGA)

★**97294** 1Ed. 7/1/10 NEW CHART N12/11
(NGA)

★**97295** 1Ed. 7/1/10 NEW CHART N9/11
(NGA)

★**97300** 6Ed. 12/13/97 NEW EDITION 22/98
Delete RC at light 33° 15.0′ N 134° 10.4′ E

Submarine cable
joining 32° 47.8′ N 132° 29.7′ E
32° 45.0′ N 132° 31.5′ E
32° 44.7′ N 132° 32.6′ E

joining 32° 44.8′ N 132° 33.6′ E
32° 46.0′ N 132° 34.2′ E
32° 46.2′ N 132° 38.2′ E

Substitute Beacon BRB, double ball topmark,
Fl(2) 5s 12M for light 33° 19.5′ N 133° 19.0′ E

Change Light to
F Fl R 4s 17m 13/8M,
F Fl G 4s 14m 12/5M 33° 15.8′ N 134° 09.6′ E
Iso R 6s 13M, Iso G 6s 11M 33° 17.0′ N 134° 08.7′ E
Fl R 3s 12M, Fl G 3s 12M,
Fl(2) R 6s 9M 33° 25.2′ N 134° 01.0′ E
Designation of buoy "A" to "10" 33° 01.2′ N 134° 07.1′ E

Add RC 33° 15.2′ N 134° 10.5′ E
Light Fl(2) G 6s 3M 33° 32.2′ N 133° 43.4′ E

Fish haven symbol marked by buoy Or,
pillar 32° 50.7′ N 133° 03.5′ E

Danger circle
"Seismometer" 32° 40.4′ N 134° 21.8′ E
"Tsunami Meter" 32° 38.6′ N 134° 21.9′ E

Submarine cable joining 33° 17.8′ N 134° 11.3′ E
33° 16.6′ N 134° 16.0′ E
33° 13.2′ N 134° 18.6′ E
32° 59.7′ N 134° 18.9′ E
32° 55.2′ N 134° 20.2′ E
32° 49.6′ N 134° 19.4′ E
32° 44.8′ N 134° 19.5′ E
32° 40.5′ N 134° 21.8′ E
32° 40.2′ N 134° 22.0′ E
32° 38.6′ N 134° 21.9′ E
32° 36.7′ N 134° 21.6′ E
32° 31.2′ N 134° 21.7′ E
32° 28.2′ N 134° 23.3′ E

Submarine pipeline (water) between
33° 17.8′ N 134° 11.4′ E
33° 17.7′ N 134° 13.1′ E
(NIMA; GIMM014/98)

97300 6Ed. 12/13/97 LAST NM 22/98 2/99
Add Stranded wreck 32° 44′ 58″N 132° 37′ 21″E
(41(1720)98 Tokyo)

97300 6Ed. 12/13/97 LAST NM 2/99 3/99
Add Stranded wreck 32° 53.3′ N 132° 27.2′ E
(45(1903)98 Tokyo)

97300 6Ed. 12/13/97 LAST NM 3/99 13/99
Add Light Fl G 3s 8m 3M 33° 32′ 30″N 134° 18′ 17″E
(1(8)98 Tokyo)

97300 6Ed. 12/13/97 LAST NM 13/99 26/99
Add Fish haven area with blue tint
bound by dotted line (limiting danger
line) joining 33° 16.5′ N 134° 07.9′ E
33° 16.8′ N 134° 06.9′ E
33° 16.6′ N 134° 06.7′ E
33° 16.2′ N 134° 07.8′ E
(20(846)99 Tokyo)

97300 6Ed. 12/13/97 LAST NM 26/99 29/99
Change Light to Fl R 11m 6M 33° 04.5′ N 133° 06.9′ E
(11(461)98 Tokyo; Jpn LL)

97300 6Ed. 12/13/97 LAST NM 29/99 36/99
Delete Stranded wreck
(Supersedes 3/99-97300) 32° 53.3′ N 132° 27.2′ E
(28(1230)99 Tokyo)

97300 6Ed. 12/13/97 LAST NM 36/99 42/99
Add Buoy Y, spar, Mo(U) 8s 33° 07.2′ N 133° 52.9′ E
(14(617)98 Tokyo)

97300 6Ed. 12/13/97 LAST NM 42/99 43/99
Delete Buoy 33° 08.8′ N 133° 38.6′ E
(16(678)98 Tokyo)

97300 6Ed. 12/13/97 LAST NM 43/99 47/99
Change Light to Oc(2) 6s 10M 32° 56.3′ N 132° 35.2′ E
(20(834)98 Tokyo)

97300 6Ed. 12/13/97 LAST NM 47/99 1/00
Delete Obscured sector from light 33° 14.8′ N 134° 10.5′ E
(47(1884)99 Tokyo)

97300 6Ed. 12/13/97 LAST NM 1/00 45/00
Delete Light (Iso 6s 11M) 32° 51.3′ N 132° 57.6′ E

Change Light to Fl R 5s 6M 33° 09.5′ N 133° 13.4′ E
(Jpn LL)

97300 6Ed. 12/13/97 LAST NM 45/00 48/00
Change Light to Fl(2) R 6s 19m 6M 33° 17.3′ N 134° 08.6′ E
(Jpn LL)

97300 6Ed. 12/13/97 LAST NM 48/00 12/02
Delete Buoy 32° 55.6′ N 134° 09.3′ E

Add Buoy "15" Y, pillar, Mo(U) 8s Ra Ref [S4]
33° 17.2′ N 134° 29.2′ E
(3(90), 11(438)99 Tokyo)

97300 6Ed. 12/13/97 LAST NM 12/02 1/03
Delete Light (F Fl 5s) 33° 04.3′ N 133° 06.9′ E
(46(1583)02 Tokyo)

97300 6Ed. 12/13/97 LAST NM 1/03 13/03
Change Light to Fl(2) G 6s 7M 33° 04.5′ N 133° 06.9′ E
(1(8)03 Tokyo)

97300 6Ed. 12/13/97 LAST NM 13/03 25/03
Change Light to Fl G 5s 3M, Fl(2) G 6s 5M
32° 48.1′ N 132° 58.0′ E
(15(549)03 Tokyo)

97300 6Ed. 12/13/97 LAST NM 25/03 26/03
Add Danger circle "wave meter" centered
33° 26.4′ N 133° 31.3′ E

Submarine cable [L30.1] joining 33° 26.4′ N 133° 31.3′ E
33° 28.0′ N 133° 30.9′ E
33° 28.3′ N 133° 30.5′ E
(18(678)03 Tokyo)

97300 6Ed. 12/13/97 LAST NM 26/03 6/04
Change Legend "Katasima Ko" to "Sukumowan Ko"
32° 54.4′ N 132° 39.4′ E
(34(1311)03 Tokyo)

97300 6Ed. 12/13/97 LAST NM 6/04 22/04
Delete Light 32° 46.8′ N 132° 56.4′ E

Change Light to Fl 4s 40m 12M, F 32° 55.9′ N 133° 00.0′ E
Visibility (range) of light to 7M 33° 00.6′ N 133° 00.8′ E
(50(1875)01 Tokyo; Jpn LL)

97300 6Ed. 12/13/97 LAST NM 22/04 27/04
Add Fish haven symbol [K46.1] 33° 18.2′ N 133° 17.4′ E
Fish haven symbol [K46.1] 33° 13.6′ N 133° 16.9′ E
(17(457)04 Tokyo)

97300 6Ed. 12/13/97 LAST NM 27/04 31/04
Add Submarine cable [L30.1] joining 32° 57.7′ N 133° 54.2′ E
33° 15.5′ N 133° 49.0′ E
33° 23.1′ N 133° 47.7′ E
33° 27.5′ N 133° 48.1′ E

Submarine cable [L30.1] joining 32° 57.2′ N 133° 49.0′ E
33° 15.3′ N 133° 46.8′ E
33° 23.1′ N 133° 46.6′ E
33° 27.5′ N 133° 48.1′ E
33° 31.0′ N 133° 49.1′ E
(34(1394)99 Tokyo)

97300 6Ed. 12/13/97 LAST NM 31/04 1/05
Delete Buoy "11" 32° 36.0′ N 132° 29.0′ E
(45(1155)04 Tokyo)

97300 6Ed. 12/13/97 LAST NM 1/05 17/05
Add Fish haven symbol [K46.1] 33° 21.9′ N 134° 01.3′ E
(11(306)05 Tokyo)

97300 6Ed. 12/13/97 LAST NM 17/05 21/05
Change Light to Fl(2) 20s 174m 21M 32° 42.3′ N 132° 32.6′ E
(3(62)05 Tokyo)

97300 6Ed. 12/13/97 LAST NM 21/05 3/06
Change Light to Fl G 5M 32° 46.2′ N 132° 57.3′ E
(41(1218)05 Tokyo)

97300 6Ed. 12/13/97 LAST NM 3/06 18/06
Change Light to Oc R 8s 9M, Oc 8s 12M 33° 23.5′ N 134° 12.6′ E
(6(166)06 Tokyo)

97300 6Ed. 12/13/97 LAST NM 18/06 36/06
Change Visibility (range) of light to 7/3M 33° 09.7′ N 133° 12.3′ E
(20(605)06 Tokyo)

97300 6Ed. 12/13/97 LAST NM 36/06 42/06
Delete R Bn 33° 15.1′ N 134° 10.6′ E
(36(1066)06 Tokyo)

97300 6Ed. 12/13/97 LAST NM 42/06 44/06
Change Visibility (range) of light to 9M 33° 35.5′ N 134° 21.9′ E
Light to Fl 8s 97m 23M 33° 32.4′ N 134° 19.2′ E
(25(731, 732)06 Tokyo)

97300 6Ed. 12/13/97 LAST NM 44/06 7/07
Change Light to 2 Fl RG 7/5M & Fl(2) R 5M
33° 25.1′ N 134° 00.8′ E
(47(1398)06 Tokyo)

97300 6Ed. 12/13/97 LAST NM 7/07 15/08
Change Light to Fl R 5s 3M 33° 26.7′ N 133° 57.3′ E
Visibility (range) of light to 4M 33° 29.9′ N 133° 53.2′ E

Add Buoy Y, pillar, "X" topmark, Fl(5) Y 20s
32° 37.9′ N 133° 09.2′ E
(1(14, 18)08 Tokyo)

97300 6Ed. 12/13/97 LAST NM 15/08 30/09
Add Buoy "Kode-no-Se" Y, pillar, "X" topmark,
Fl(5) Y 20s [Q130.6] 33° 08.4′ N 134° 12.2′ E
(Jpn CH 108)

97300 6Ed. 12/13/97 LAST NM 30/09 36/09
Change Visibility (range) of light to 4M 33° 09.7′ N 133° 13.2′ E
(Jpn LL)

97300 6Ed. 12/13/97 LAST NM 36/09 38/09
Change Visibility (range) of light to 5M 32° 45.3′ N 132° 32.7′ E

Add Dangerous wreck [K28] 33° 16.2′ N 133° 16.2′ E
(25(1069, 1070)09 Tokyo)

97300 6Ed. 12/13/97 LAST NM 38/09 46/09
Change Visibility (range) of light to 4M 32° 45.3′ N 132° 47.1′ E
Visibility (range) of light to 3M 32° 56.0′ N 132° 59.3′ E
(33(1420, 1421)09 Tokyo)

97300 6Ed. 12/13/97 LAST NM 46/09 37/10
Change Visibility (range) of light (Iso) to 8M
32° 55.2′ N 132° 41.2′ E
(21(856)10 Tokyo)

97300 6Ed. 12/13/97 LAST NM 37/10 39/10
Change Visibility (range) of light to 4M 32° 46.7′ N 132° 56.1′ E
(16(643)10 Tokyo)

★97304 1Ed. 2/22/92 NEW CHART 16/92
(DMAHTC)

97304 1Ed. 2/22/92 LAST NM 16/92 27/92
Delete Legend "Y Lt" from buoys 32° 46′ 51″N 132° 56′ 18″E
32° 46′ 53″N 132° 56′ 15″E
(19(696)92 Tokyo)

97304 1Ed. 2/22/92 LAST NM 27/92 40/93
Add Double solid line with land tint
(breakwater) between 32° 45′ 26″N 132° 57′ 37″E
32° 45′ 23″N 132° 57′ 39″E
(31(1245)93 Tokyo)

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97304 1Ed. 2/22/92 LAST NM 40/93 29/94
Add Position circle "Y Lt" 32° 46′ 39.2″N 132° 57′ 29.8″E
(18(774)94 Tokyo)

97304 1Ed. 2/22/92 LAST NM 29/94 31/94
Add Fish haven symbol 32° 46′ 22.1″N 132° 56′ 06.8″E
(24(1077)94 Tokyo)

97304 1Ed. 2/22/92 LAST NM 31/94 37/94
Delete Position circle "Y Lt" 32° 46′ 33″N 132° 56′ 07″E

Add Double solid line with land tint
(breakwater extension) between
32° 46′ 32.8″N 132° 56′ 07.5″E
32° 46′ 31.1″N 132° 56′ 05.6″E

Position circle "Y Lt" 32° 46′ 31.1″N 132° 56′ 05.6″E
(29(1322)94 Tokyo)

97304 1Ed. 2/22/92 LAST NM 37/94 22/04
Delete Position circle "Y Lt" 32° 46′ 31.1″N 132° 56′ 05.6″E
Light 32° 46′ 49.0″N 132° 56′ 26.0″E

Add Light Fl R 3s 17m 4M 32° 46′ 31.4″N 132° 56′ 05.6″E
(50(1875)01 Tokyo; Jpn LL)

97304 1Ed. 2/22/92 LAST NM 22/04 38/05
Change Legend "(Y Lt)" to "(G Lt)"
32° 46′ 49.0″N 132° 55′ 48.0″E

Add Position circle "(Y Lt)" 32° 46′ 18.7″N 132° 57′ 19.6″E
Position circle "Observatory"
32° 46′ 48.3″N 132° 56′ 00.1″E
(50(1301)04 Tokyo)

97304 1Ed. 2/22/92 LAST NM 38/05 3/06
Change Light to Fl G 5s 13m 5M 32° 46′ 12.0″N 132° 57′ 18.0″E
(41(1218)05 Tokyo)

97304 1Ed. 2/22/92 LAST NM 3/06 39/10
Change Visibility (range) of light to 4M
32° 46′ 42.8″N 132° 56′ 05.1″E
(16(643)10 Tokyo)

★97306 1Ed. 3/17/11 NEW CHART N46/11
(NGA)

★97308 1Ed. 7/1/10 NEW CHART N9/11
(NGA)

★97311 1Ed. 5/9/13 NEW CHART N40/13
(NGA)

★97315 1Ed. 1/20/11 NEW CHART N45/11
(NGA)

★97319 3Ed. 6/7/12 NEW EDITION N45/12
(NGA)

★97320 6Ed. 1/18/97 NEW EDITION 17/97
Change Height of beacon to 21m 32° 35.6′ N 131° 46.3′ E
Height of light to 58m 32° 51.9′ N 132° 59.5′ E
Characteristic of light to Fl(4) G 32° 28.3′ N 131° 41.6′ E
Visibility (range) of light to 12M 32° 45.2′ N 132° 47.0′ E
(NIMA; Jpn LL)

97320 6Ed. 1/18/97 LAST NM 17/97 18/97
Add Buoy, Y, pillar, Mo(U) 8s 32° 10.0′ N 131° 56.6′ E
(9(397)97 Tokyo)

97320 6Ed. 1/18/97 LAST NM 18/97 20/97
Delete Buoy 32° 22.8′ N 132° 51.6′ E
(11(468)97 Tokyo)

97320 6Ed. 1/18/97 LAST NM 20/97 21/97
Add Buoy "13" Y, pillar, "X" topmark,
Mo(U) 8s 32° 22′ 53″N 132° 51′ 45″E
(See 20/97-97320)
(12(500)97 Tokyo)

97320 6Ed. 1/18/97 LAST NM 21/97 23/97
Change Characteristic of light to Fl(4) 15s 32° 28.3′ N 131° 41.6′ E
(See 17/97-97320)
(13(564)97 Tokyo)

97320 6Ed. 1/18/97 LAST NM 23/97 30/97
Add Submarine cable joining 32° 00.2′ N 131° 32.7′ E
32° 00.3′ N 131° 41.6′ E
32° 03.4′ N 132° 04.7′ E
(17(737)97 Tokyo)

97320 6Ed. 1/18/97 LAST NM 30/97 8/98
Delete Submarine cable
between 32° 44.6′ N 132° 32.4′ E
32° 47.8′ N 132° 29.5′ E

joining 32° 44.6′ N 132° 33.6′ E
32° 46.0′ N 132° 34.4′ E
32° 46.3′ N 132° 37.8′ E
(40(1754)97 Tokyo)

97320 6Ed. 1/18/97 LAST NM 8/98 28/98
Add Danger circle "Wavemeter" 32° 26′ 39″N 131° 41′ 16″E
(20(842)98 Tokyo)

97320 6Ed. 1/18/97 LAST NM 28/98 2/99
Add Stranded wreck 32° 45.0′ N 132° 37.2′ E
(41(1720)98 Tokyo)

97320 6Ed. 1/18/97 LAST NM 2/99 3/99
Add Stranded wreck 32° 53.3′ N 132° 27.2′ E
(45(1903)98 Tokyo)

97320 6Ed. 1/18/97 LAST NM 3/99 27/99
Add Submarine cable (power) joining
32° 17′ 13″N 133° 13′ 16″E
32° 15′ 01″N 132° 59′ 03″E
32° 10′ 01″N 132° 44′ 51″E
32° 04′ 55″N 132° 22′ 45″E
31° 55′ 01″N 132° 12′ 51″E
32° 00′ 31″N 131° 55′ 03″E
32° 01′ 25″N 131° 29′ 51″E
(4(167)98 Tokyo)

97320 6Ed. 1/18/97 LAST NM 27/99 36/99
Delete Stranded wreck 32° 53.3′ N 132° 27.2′ E
(Supersedes 3/99-97320)
(28(1230)99 Tokyo)

97320 6Ed. 1/18/97 LAST NM 36/99 40/99
Delete Depth 18 meters R 31° 50.8′ N 131° 32.2′ E

Add Depth 15.9 meters 31° 50.8′ N 131° 32.5′ E
Depth 19.6 meters 31° 46.0′ N 131° 33.9′ E
(34(1394)99 Tokyo)

97320 6Ed. 1/18/97 LAST NM 40/99 42/99
Substitute Disused submarine cable [L32] for
submarine cable between 31° 50.7′ N 131° 27.0′ E
31° 48.2′ N 131° 46.0′ E

Add Buoy Y, spar, Mo (U) 8s 32° 25.4′ N 132° 04.7′ E
Buoy Y, spar, Mo (U) 8s 32° 20.2′ N 132° 19.9′ E
(14(624), 15(655)98 Tokyo)

97320 6Ed. 1/18/97 LAST NM 42/99 45/99
Substitute Depth 13.3 meters Rk for 16 meters Rk
32° 35.7′ N 131° 47.0′ E
(39(1591)99 Tokyo)

97320 6Ed. 1/18/97 LAST NM 45/99 46/99
Add Fish haven symbol [K46.1] 31° 48.3′ N 131° 29.3′ E
(41(1679)99 Tokyo)

97320 6Ed. 1/18/97 LAST NM 46/99 45/00
Delete Light 32° 51.3′ N 132° 57.6′ E
(Jpn LL)

97320 6Ed. 1/18/97 LAST NM 45/00 52/00
Relocate Light from 31° 55.0′ N 131° 29.0′ E to
31° 55.3′ N 131° 29.1′ E
and change height to 16m
(31(1099)00 Tokyo)

97320 6Ed. 1/18/97 LAST NM 52/00 53/00
Add Submarine cable [L30.1] joining 32° 01.0′ N 131° 36.5′ E
32° 01.5′ N 131° 39.6′ E
32° 01.8′ N 131° 40.2′ E
32° 02.0′ N 131° 41.7′ E
32° 02.5′ N 131° 43.0′ E
32° 04.2′ N 131° 49.0′ E
31° 55.7′ N 131° 59.6′ E
31° 50.8′ N 132° 03.0′ E
31° 48.2′ N 132° 10.4′ E
(32(1133)00 Tokyo)

97320 6Ed. 1/18/97 LAST NM 53/00 52/01
Delete Danger circle "Wavemeter" 32° 26.6′ N 131° 41.3′ E
(44(1678)01 Tokyo)

97320 6Ed. 1/18/97 LAST NM 52/01 33/02
Change Light (F Fl(2) R) to Fl(2) R 6s 14m 6M
31° 45.1′ N 131° 28.5′ E
(23(837)01 Tokyo)

97320 6Ed. 1/18/97 LAST NM 33/02 14/03
Delete Buoy 32° 22.9′ N 132° 51.8′ E
(8(270)03 Tokyo)

97320 6Ed. 1/18/97 LAST NM 14/03 25/03
Change Light to Fl G 5s 3M, Fl(2) G 6s 5M
32° 48.1′ N 132° 58.0′ E
(15(549)03 Tokyo)

97320 6Ed. 1/18/97 LAST NM 25/03 46/03
Change Visibility (range) of light to 5M 31° 48.4′ N 131° 28.8′ E
(33(1272)03 Tokyo)

97320 6Ed. 1/18/97 LAST NM 46/03 6/04
Change Legend "Katasima Ko" to "Sukumowan Ko"
32° 54.1′ N 132° 39.8′ E
(34(1311)03 Tokyo)

97320 6Ed. 1/18/97 LAST NM 6/04 14/04
Change Light to Fl(2) G 6s 9m 3M 31° 45.4′ N 131° 28.2′ E
Visibility (range) of beacon to 5M 31° 49.3′ N 131° 35.0′ E
(32(1240, 1241)03 Tokyo)

97320 6Ed. 1/18/97 LAST NM 14/04 21/04
Add Submarine cable [L30.1] joining 32° 20.5′ N 133° 13.3′ E
32° 16.0′ N 132° 42.0′ E
32° 15.0′ N 132° 06.8′ E
32° 07.1′ N 131° 53.3′ E
32° 06.6′ N 131° 51.6′ E
32° 04.4′ N 131° 45.7′ E
32° 00.6′ N 131° 34.6′ E
32° 01.4′ N 131° 29.8′ E
(24(1019)99 Tokyo)

97320 6Ed. 1/18/97 LAST NM 21/04 22/04
Delete Light 32° 46.8′ N 132° 56.4′ E

Change Light to Fl 4s 40m 12M, F 32° 55.7′ N 132° 59.7′ E
(50(1875)01 Tokyo; Jpn LL)

97320 6Ed. 1/18/97 LAST NM 22/04 34/04
Delete Submarine cable between 31° 50.6′ N 131° 27.0′ E
31° 48.2′ N 131° 38.9′ E
(16(437)04 Tokyo)

97320 6Ed. 1/18/97 LAST NM 34/04 38/04
Add Submarine cable [L30.1] joining 32° 26.6′ N 131° 43.7′ E
32° 26.6′ N 131° 41.0′ E
32° 26.7′ N 131° 40.6′ E

Danger circle [K1] "Wave meter" 32° 26.6′ N 131° 43.7′ E
(27(707)04 Tokyo)

97320 6Ed. 1/18/97 LAST NM 38/04 1/05
Delete Buoy "11" 32° 36.0′ N 132° 29.0′ E
(45(1155)04 Tokyo)

97320 6Ed. 1/18/97 LAST NM 1/05 16/05
Delete Beacon 31° 49.3′ N 131° 35.0′ E
(9(263)05 Tokyo)

97320 6Ed. 1/18/97 LAST NM 16/05 21/05
Change Light to Fl(2) 20s 174m 21M 32° 42.3′ N 132° 32.6′ E
(3(62)05 Tokyo)

97320 6Ed. 1/18/97 LAST NM 21/05 34/05
Change Light to Fl R 3s 11m 5M 32° 27.2′ N 131° 41.7′ E
(24(711)05 Tokyo)

97320 6Ed. 1/18/97 LAST NM 34/05 6/06
Add Submarine cable [L30.1] between 32° 04.3′ N 131° 45.6′ E
32° 09.4′ N 132° 04.5′ E
(45(1824)99 Tokyo)

97320 6Ed. 1/18/97 LAST NM 6/06 49/06
Change Light to Fl 3s 10m 5M 32° 35.5′ N 131° 42.8′ E
Visibility (range) of light to 5M 32° 36.6′ N 131° 45.0′ E
(34(1007)06 Tokyo)

97320 6Ed. 1/18/97 LAST NM 22/07 41/07
Add Buoy "No 18" Y, pillar, "X" topmark,
Mo(U) 8s 32° 29.1′ N 133° 12.1′ E
Buoy "No 13" Y, pillar, "X" topmark,
Mo(U) 8s 32° 22.9′ N 132° 51.7′ E
(Jpn CH W1220)

97320 6Ed. 1/18/97 LAST NM 41/07 15/08
Add Wreck [K29] 32° 53.4′ N 132° 21.7′ E
Danger circle [K1] "Wave meter" 31° 55.7′ N 131° 29.2′ E

Buoy Y, pillar, "X" topmark, Fl(5) Y 20s
32° 37.9′ N 133° 09.2′ E
(1(18, 21, 22)08 Tokyo)

97320 6Ed. 1/18/97 LAST NM 15/08 38/09
Change Visibility (range) of light to 5M 32° 45.3′ N 132° 32.7′ E
Visibility (range) of light to 13M 32° 39.9′ N 131° 49.2′ E
(25(1070, 1080)09 Tokyo)

97320 6Ed. 1/18/97 LAST NM 38/09 43/09
Delete Submarine cable between 32° 46.7′ N 131° 54.5′ E
32° 43.4′ N 131° 55.2′ E
(38(1632)09 Tokyo)

97320 6Ed. 1/18/97 LAST NM 43/09 46/09
Change Visibility (range) of light to 4M 32° 45.2′ N 132° 47.0′ E
(33(1421)09 Tokyo)

97320 6Ed. 1/18/97 LAST NM 46/09 37/10
Change Light to Iso 6s 59m 8M 32° 55.2′ N 132° 41.0′ E
Light to Fl 3s 90m 12M 32° 42.9′ N 131° 55.4′ E
(21(856, 861)10 Tokyo)

97320 6Ed. 1/18/97 LAST NM 37/10 39/10
Change Visibility (range) of light to 4M 32° 46.7′ N 132° 56.0′ E
(16(643)10 Tokyo)

★**97320** 6Ed. 1/18/97 LAST NM 39/10 8/13
Substitute Depth 557 meters for 705 meters 32° 24.2′ N 132° 55.2′ E
(NTM0004/2013)

★**97321** 3Ed. 6/7/12 NEW EDITION N52/12
(NGA)

★**97322** 1Ed. 7/1/10 NEW CHART N11/11
(NGA)

★**97324** 1Ed. 1/12/06 NEW CHART N6/12
(NGA)

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★97327 1Ed. 6/6/13 NEW CHART N42/13
(NGA)

★97333 1Ed. 6/6/13 NEW CHART N40/13
(NGA)

★97337 1Ed. 7/21/11 NEW CHART N3/12
(NGA)

★97340 8Ed. 4/5/97 CHART CANCELED 42/13
(NGA)

★97341 9Ed. 9/27/97 NEW EDITION 1/99
Delete Double solid line and land tint joining
31° 26′ 27″N 131° 05′ 32″E
31° 26′ 33″N 131° 05′ 40″E
31° 26′ 37″N 131° 06′ 43″E

HORN from light 31° 21′ 34″N 131° 02′ 58″E
Topmark and light flare from buoy
31° 21′ 33″N 131° 03′ 15″E

Depth 10.9 meters 31° 22′ 39″N 131° 02′ 44″E

Danger circle and legend
"Obstn (Fish haven)" 31° 22′ 30″N 131° 02′ 33″E
"Obstn (Fish haven)" 31° 22′ 23″N 131° 02′ 24″E
"Obstn (Fish haven)" 31° 21′ 12″N 131° 03′ 36″E
"Fishing Reef" 31° 25′ 14″N 131° 10′ 58″E

Substitute Submarine pipeline with legend "Oil (see Note)" for submarine cable joining
31° 21′ 52″N 131° 02′ 07″E
31° 21′ 48″N 131° 02′ 06″E
31° 21′ 29″N 131° 02′ 46″E
31° 21′ 34″N 131° 02′ 58″E

Purple dashed-line circle, radius 350 meters for composite-line circle
31° 26′ 02″N 131° 06′ 26″E
Note: Legend remains

Add Double solid line with land tint (detached breakwater) between
31° 26′ 52.7″N 131° 05′ 11.4″E
31° 26′ 54.3″N 131° 05′ 13.2″E

(breakwater extension) between
31° 26′ 38.0″N 131° 05′ 42.0″E
31° 26′ 27.8″N 131° 05′ 33.1″E

Double dashed line with land tint (breakwater extension under construction) between 31° 26′ 27.8″N 131° 05′ 33.1″E
31° 26′ 25.8″N 131° 05′ 31.6″E

Land tint to area bound by shore and solid line
joining 31° 16′ 38.5″N 131° 04′ 45.9″E
31° 16′ 39.5″N 131° 04′ 51.0″E
31° 16′ 38.1″N 131° 04′ 54.0″E
31° 16′ 39.5″N 131° 04′ 56.0″E
31° 16′ 38.0″N 131° 04′ 58.0″E
31° 16′ 34.0″N 131° 04′ 56.1″E

joining 31° 27′ 09.5″N 131° 12′ 23.0″E
31° 27′ 01.0″N 131° 12′ 21.0″E
31° 27′ 00.0″N 131° 12′ 26.5″E
31° 27′ 01.0″N 131° 12′ 30.0″E

Solid line (breakwater)
between 31° 16′ 39.5″N 131° 04′ 51.0″E
31° 16′ 42.0″N 131° 04′ 52.0″E

between 31° 16′ 45.0″N 131° 04′ 47.5″E
31° 16′ 42.0″N 131° 04′ 56.0″E

between 31° 16′ 38.7″N 131° 05′ 01.0″E
31° 16′ 43.7″N 131° 05′ 01.0″E

between 31° 27′ 00.0″N 131° 12′ 26.5″E
31° 26′ 53.5″N 131° 12′ 26.0″E

Position circle "Y Lt" 31° 16′ 43.7″N 131° 05′ 01.0″E
HORN at light 31° 21′ 32.5″N 131° 03′ 07.0″E
Buoy R, spar, (R Lt) 31° 26′ 23.7″N 131° 12′ 31.5″E

Dashed-line greater arc of a circle, radius 0.725 mile, with legend "HARBOR LIMIT",
centered 31° 26′ 37.9″N 131° 12′ 31.7″E
arc between 31° 26′ 15.5″N 131° 13′ 15.0″E
31° 27′ 16.0″N 131° 12′ 09.0″E

Note "PIPELINES
Attention is called to the fact that in many cases pipelines are not buried, and charted depths may be decreased by up to two meters. Vessels are requested not to anchor or trawl in the vicinity of pipelines." 31° 19′ 54.0″N 131° 03′ 06.0″E

(And Plan)
Add Fish haven symbol 31° 24′ 46.7″N 131° 13′ 05.5″E

Double solid line with land tint (detached breakwater) between
31° 25′ 42.7″N 131° 12′ 54.5″E
31° 25′ 51.7″N 131° 12′ 43.5″E

Position circle "R Lt" 31° 25′ 51.7″N 131° 12′ 43.5″E
(NIMA; GIMM014/98)

97341 9Ed. 9/27/97 LAST NM 1/99 20/99
Add Chartlet, depicting changes in hydrography and aids to navigation, from Subsection I-2 31° 22′ 30″N 131° 02′ 00″E
(39(1525)92 Tokyo; Jpn CH 185)

97341 9Ed. 9/27/97 LAST NM 20/99 1/00
Add Solid line (breakwater) [F6.1] between
31° 16′ 47″N 131° 04′ 42″E
31° 16′ 44″N 131° 04′ 48″E
(42(1710)99 Tokyo)

97341 9Ed. 9/27/97 LAST NM 1/00 35/01
Substitute Double solid line with land tint for double dashed line between 31° 26′ 28″N 131° 05′ 33″E
31° 26′ 26″N 131° 05′ 31″E

Add Position circle "(R Lt)" 31° 27′ 57″N 131° 06′ 31″E

Double dashed line with land tint (breakwater extension under construction) between
31° 26′ 26″N 131° 05′ 31″E
31° 26′ 24″N 131° 05′ 29″E
(22(931)98, 2(54)00 Tokyo)

97341 9Ed. 9/27/97 LAST NM 35/01 2/02
Add Double solid line with land tint (breakwater) joining 31° 27′ 03″N 131° 04′ 59″E
31° 26′ 52″N 131° 05′ 07″E
31° 26′ 53″N 131° 05′ 11″E
(49(1845)01 Tokyo; Jpn CH W1257)

97341 9Ed. 9/27/97 LAST NM 2/02 27/02
Change Visibility (range) of light to 6M
31° 26′ 42″N 131° 12′ 22″E
(Jpn LL)

97341 9Ed. 9/27/97 LAST NM 27/02 34/02
Substitute Depth 5.3 meters for 6.4 meters
31° 27′ 58″N 131° 06′ 11″E
(28(984)02 Tokyo)

97341 9Ed. 9/27/97 LAST NM 34/02 16/03
Delete Light 31° 23′ 49″N 131° 20′ 18″E

Add Solid line (breakwater) [F4.1] between
31° 23′ 49″N 131° 20′ 18″E
31° 23′ 50″N 131° 20′ 21″E

Light Fl G 4s 17m 7M 31° 23′ 50″N 131° 20′ 21″E
(8(274)03 Tokyo)

97341 9Ed. 9/27/97 LAST NM 16/03 21/03
Delete Buoy 31° 26′ 47″N 131° 11′ 48″E

Add Light Fl(2) R 6s 15m 6M 31° 26′ 47″N 131° 11′ 51″E
(18(761)99 Tokyo)

97341 9Ed. 9/27/97 LAST NM 21/03 47/03
Change Visibility (range) of light to 14M
31° 16′ 52″N 131° 07′ 50″E
(37(1425)03 Tokyo)

97341 9Ed. 9/27/97 LAST NM 47/03 19/08
Add Fish haven symbol [K46.1] 31° 23′ 06″N 131° 20′ 30″E
(14(415)08 Tokyo)

★97342 14Ed. 8/30/97 NEW EDITION 47/97
Delete Position circle "Tr" 31° 29.1′ N 130° 32.3′ E

Change Light to
Iso R 6s 18m 13M 31° 15.5′ N 130° 17.5′ E
Iso G 6s 19m 13M 31° 15.7′ N 130° 17.6′ E

Add Solid line (breakwater) between
31° 29′ 58″N 130° 32′ 00″E
31° 29′ 57″N 130° 32′ 11″E

Position circle
"(Lt)" 31° 29′ 57″N 130° 32′ 11″E
"(G Lt)" 31° 29′ 56″N 130° 32′ 27″E

Caution note
"CAUTION
Differences in latitude and longitude
may exist between this and other charts
of the area; therefore, the transfer of
positions from one chart to another
should be done by bearings and distances
from common features." 31° 29′ 30″N 130° 13′ 00″E
(NIMA; 5(141)92, 5(195)97 Tokyo; Jpn LL)

97342 14Ed. 8/30/97 LAST NM 47/97 50/97
Add Submarine cable
between 30° 56.2′ N 130° 07.8′ E
30° 50.2′ N 130° 32.8′ E

between 30° 50.2′ N 130° 43.0′ E
30° 51.0′ N 130° 51.8′ E
(31(473)97 Inchon)

97342 14Ed. 8/30/97 LAST NM 50/97 51/97
Add Submarine cable joining 31° 15′ 33″N 130° 40′ 34″E
31° 16′ 11″N 130° 41′ 16″E
31° 16′ 40″N 130° 43′ 05″E
31° 15′ 30″N 130° 45′ 27″E
31° 14′ 23″N 130° 46′ 26″E
(28(1299)97 Tokyo)

97342 14Ed. 8/30/97 LAST NM 51/97 7/98
Delete Depth 1 meter R 31° 10.3′ N 130° 36.2′ E
(1(27)98 Tokyo)

97342 14Ed. 8/30/97 LAST NM 7/98 9/98
Delete Submarine cable in vicinity 31° 31.2′ N 130° 35.3′ E
(41(1802)97 Tokyo)

97342 14Ed. 8/30/97 LAST NM 9/98 1/99
Add Fish haven symbol 31° 27′ 16″N 130° 33′ 07″E
31° 33′ 24″N 130° 33′ 56″E
31° 33′ 13″N 130° 34′ 35″E
31° 33′ 09″N 130° 37′ 51″E
(36(1509)98 Tokyo)

97342 14Ed. 8/30/97 LAST NM 1/99 8/99
Add Submarine cable between 31° 03′ 38″N 130° 44′ 48″E
31° 02′ 48″N 130° 44′ 45″E

Danger circle "Wavemeter" 31° 02′ 48″N 130° 44′ 45″E
(1(11)99 Tokyo)

97342 14Ed. 8/30/97 LAST NM 8/99 12/99
Add Fish haven symbol 31° 09′ 59″N 130° 45′ 09″E
(5(179)99 Tokyo)

97342 14Ed. 8/30/97 LAST NM 12/99 18/99
Substitute Light Fl R 3s 12m 6M for
position circle "R Lt" 31° 29′ 00″N 130° 41′ 10″E
(5(206)98 Tokyo)

97342 14Ed. 8/30/97 LAST NM 18/99 19/99
Add Light Fl(2) R 6s 8m 6M 31° 35′ 37″N 130° 35′ 48″E
(6(254)98 Tokyo; Jpn LL)

97342 14Ed. 8/30/97 LAST NM 19/99 37/99
Add Submarine cable [L30.1] joining
30° 56′ 24″N 130° 07′ 52″E
30° 55′ 42″N 130° 16′ 12″E
30° 55′ 54″N 130° 19′ 00″E
30° 55′ 24″N 130° 21′ 48″E
30° 55′ 00″N 130° 27′ 30″E
30° 53′ 48″N 130° 29′ 42″E
30° 50′ 12″N 130° 34′ 30″E
(8(336)98 Tokyo)

97342 14Ed. 8/30/97 LAST NM 37/99 1/00
Change Visibility (range) of light to 10M
31° 33′ 11″N 130° 33′ 46″E
(47(1888)99 Tokyo)

97342 14Ed. 8/30/97 LAST NM 1/00 6/00
Add Fish haven symbol [46.1] 31° 14′ 55″N 130° 40′ 40″E
(51(2023)99 Tokyo)

97342 14Ed. 8/30/97 LAST NM 6/00 12/01
Add Depth 10 meters, blue tint and enclosing depth
contour (10 meter) centered 31° 15′ 19″N 130° 18′ 45″E
(4(158)01 Tokyo)

97342 14Ed. 8/30/97 LAST NM 12/01 24/01
Delete Depth 14 meters R and enclosing depth contour
in vicinity 31° 14′ 37″N 130° 18′ 30″E

Add Depth 26.5 meters Rk [K14.1] 31° 14′ 40″N 130° 18′ 27″E
(11(383)01 Tokyo)

97342 14Ed. 8/30/97 LAST NM 24/01 27/01
Delete Light 31° 35′ 28″N 130° 34′ 27″E

Change Light to F Fl R 3s 17m 13/6M 31° 05′ 50″N 130° 41′ 30″E
(15(523)00 Tokyo; Jpn LL)

97342 14Ed. 8/30/97 LAST NM 27/01 28/01
Change Light to Mo(U) 8s 16M 31° 23′ 57″N 130° 33′ 04″E
Light to Mo(U) 8s 17M 31° 23′ 48″N 130° 33′ 17″E
Light to Mo(U) 8s 17M 31° 23′ 35″N 130° 33′ 28″E
Light to Mo(U) 8s 17M 31° 23′ 16″N 130° 33′ 43″E
Light to Mo(U) 8s 31° 23′ 08″N 130° 33′ 47″E
(38(1558)99 Tokyo)

97342 14Ed. 8/30/97 LAST NM 28/01 27/02
Change Visibility (range) of light to 10M
31° 13′ 06″N 130° 45′ 24″E
Visibility (range) of light to 3M
31° 16′ 12″N 130° 13′ 36″E
(Jpn LL)

97342 14Ed. 8/30/97 LAST NM 27/02 38/02
Substitute Disused submarine cable [L32] for
submarine cable in vicinity 31° 37′ 00″N 130° 36′ 00″E

Add Submarine cable [L30.1] joining
30° 53′ 06″N 130° 51′ 52″E
31° 00′ 00″N 130° 21′ 54″E
31° 02′ 06″N 130° 07′ 52″E

Solid line (breakwater) between
31° 17′ 47″N 130° 36′ 10″E
31° 17′ 44″N 130° 36′ 00″E

Light Fl R 3s 3M 31° 17′ 47″N 130° 36′ 10″E

Solid line (breakwater) between
31° 27′ 26″N 130° 42′ 09″E
31° 27′ 29″N 130° 42′ 07″E

Light Fl G 4s 3M 31° 27′ 26″N 130° 42′ 09″E
(50(1999)99, 49(1843, 1844)01, 6(163), 14(491)02 Tokyo)

97342 14Ed. 8/30/97 LAST NM 38/02 17/03
Change Visibility (range) of light to 7M
31° 33′ 11″N 130° 33′ 46″E
(7(218)03 Tokyo)

97342 14Ed. 8/30/97 LAST NM 17/03 18/03
Change Light to F Fl R 5s 15m 7/3M 31° 01′ 25″N 130° 41′ 13″E
(11(382)03 Tokyo)

97342 14Ed. 8/30/97 LAST NM 18/03 22/03
Relocate Light from 31° 21′ 06″N 130° 48′ 40″E to
31° 22′ 39″N 130° 50′ 10″E
(13(472)03 Tokyo)

97342 14Ed. 8/30/97 LAST NM 22/03 27/03
Substitute Beacon R, cone topmark, Fl R 3s 11m 9M for light 31° 12′ 42″N 130° 38′ 48″E
(19(701)03 Tokyo; Jpn CH W221)

97342 14Ed. 8/30/97 LAST NM 27/03 43/03
Change Light to Fl(2) G 6s 19m 5M 31° 15′ 41″N 130° 17′ 35″E
Visibility (range) of light to 10M
31° 15′ 32″N 130° 17′ 31″E
(36(1389)03 Tokyo)

97342 14Ed. 8/30/97 LAST NM 43/03 24/04
Add Fish haven symbol [K46.1] 31° 37′ 42″N 130° 43′ 00″E
(15(419)04 Tokyo)

97342 14Ed. 8/30/97 LAST NM 24/04 12/05
Add Fish haven symbol [K46.1] 31° 10′ 37″N 130° 38′ 48″E
Fish haven symbol [K46.1] 31° 14′ 49″N 130° 40′ 48″E
Fish haven symbol [K46.1] 31° 18′ 48″N 130° 36′ 06″E
(3(68, 69)05 Tokyo)

97342 14Ed. 8/30/97 LAST NM 12/05 40/06
Change Visibility (range) of light to 13M
31° 09′ 25″N 130° 35′ 15″E
(28(827)06 Tokyo)

97342 14Ed. 8/30/97 LAST NM 40/06 34/09
Add Dangerous wreck [K28] 31° 31′ 00″N 130° 32′ 58″E
(21(893)09 Tokyo)

97342 14Ed. 8/30/97 LAST NM 34/09 37/10
Change Light to F Fl R 5s 16m 5/2M 31° 01′ 25″N 130° 41′ 13″E
(31(1199)10 Tokyo)

★**97342** 14Ed. 8/30/97 LAST NM 37/10 3/13
Substitute Depth 117 meters for 129 meters
31° 38′ 30″N 130° 42′ 02″E
Depth 65 meters for 69 meters 31° 38′ 06″N 130° 46′ 19″E
(NTM0005/2012)

★**97343** 12Ed. 2/7/98 NEW EDITION 26/98
Delete Submarine cable joining 31° 34′ 27″N 130° 34′ 02″E
31° 34′ 18″N 130° 34′ 20″E
31° 31′ 42″N 130° 34′ 53″E
31° 30′ 24″N 130° 37′ 32″E
31° 30′ 24″N 130° 39′ 25″E

(Plan A)
Delete Submarine cable joining 31° 34′ 27″N 130° 34′ 01″E
31° 34′ 18″N 130° 34′ 21″E
31° 33′ 59″N 130° 34′ 22″E
(NIMA; 41(1802)97 Tokyo)

97343 12Ed. 2/7/98 LAST NM 26/98 1/99
Add Fish haven symbol 31° 33′ 24″N 130° 33′ 56″E
31° 33′ 13″N 130° 34′ 35″E
31° 33′ 09″N 130° 37′ 51″E
(36(1509)98 Tokyo)

97343 12Ed. 2/7/98 LAST NM 1/99 19/99
Substitute Light Fl(2) R 6s 8m 6M for position circle "R Lt" 31° 35′ 37″N 130° 35′ 48″E
(6(254)98 Tokyo; Jpn LL)

97343 12Ed. 2/7/98 LAST NM 19/99 22/99
Delete Buoys (2) in vicinity 31° 28′ 57″N 130° 31′ 15″E
(9(409)98 Tokyo)

97343 12Ed. 2/7/98 LAST NM 22/99 45/99
Add Position circle "Lt Ho (disused)"
31° 35′ 31.2″N 130° 33′ 53.3″E
Position circle "Lt Ho (disused)"
31° 35′ 51.1″N 130° 34′ 00.5″E

(Plan A)
Add Position circle "Lt Ho (disused)"
31° 35′ 31.2″N 130° 33′ 53.3″E
Position circle "Lt Ho (disused)"
31° 35′ 51.1″N 130° 34′ 00.5″E
(17(720)98 Tokyo)

97343 12Ed. 2/7/98 LAST NM 45/99 46/99
Add Fish haven symbol [K46.1] 31° 32′ 32.0″N 130° 34′ 17.0″E
(40(1637)99 Tokyo)

97343 12Ed. 2/7/98 LAST NM 46/99 1/00
Substitute Double solid line for double dashed line between 31° 35′ 28.0″N 130° 34′ 27.0″E
31° 35′ 25.9″N 130° 34′ 26.1″E

Change Light to Fl(2) G 6s 13m 10M
31° 35′ 28.0″N 130° 34′ 27.0″E

Visibility (range) of light to 10M
31° 33′ 11.0″N 130° 33′ 46.0″E

(Plan A)
Substitute Double solid line for double dashed line between 31° 35′ 28.0″N 130° 34′ 27.0″E
31° 35′ 25.9″N 130° 34′ 26.1″E

Change Light to Fl(2) G 6s 13m 10M
31° 35′ 28.0″N 130° 34′ 27.0″E
(47(1888)99 Tokyo)

97343 12Ed. 2/7/98 LAST NM 1/00 27/01
Delete Light 31° 35′ 28.0″N 130° 34′ 27.0″E

Change Light to Fl(2) R 6s 13m 10M
31° 35′ 38.0″N 130° 34′ 23.0″E
Light to Fl G 5s 13m 10M 31° 35′ 53.0″N 130° 34′ 22.0″E
Light to Fl R 5s 13m 10M 31° 35′ 56.0″N 130° 34′ 22.0″E

(Plan A)
Delete Light 31° 35′ 28.0″N 130° 34′ 27.0″E

Change Light to Fl(2) R 6s 13m 10M
31° 35′ 38.0″N 130° 34′ 23.0″E
Light to Fl G 5s 13m 10M 31° 35′ 53.0″N 130° 34′ 22.0″E
Light to Fl R 5s 13m 10M 31° 35′ 56.0″N 130° 34′ 22.0″E
(17(722)99 Tokyo; Jpn LL)

97343 12Ed. 2/7/98 LAST NM 27/01 37/01
Delete Depth 4.6 meters 31° 35′ 36.0″N 130° 33′ 52.0″E

Add Position circle "(G Lt)" 31° 27′ 33.4″N 130° 31′ 03.3″E

Double solid line (breakwater) [F4.1] between
31° 27′ 28.4″N 130° 30′ 55.9″E
31° 27′ 33.4″N 130° 31′ 03.3″E

Double solid line (breakwater) [F4.1] between
31° 27′ 35.1″N 130° 31′ 05.1″E
31° 27′ 33.8″N 130° 31′ 05.4″E

Buoy Y, pillar, (G Lt) 31° 28′ 45.0″N 130° 31′ 09.0″E

Purple dashed line (harbor limit) [N49] between 31° 30′ 19.5″N 130° 32′ 04.1″E
31° 30′ 02.5″N 130° 32′ 28.4″E

Purple dashed line (harbor limit) [N49] between 31° 28′ 58.6″N 130° 32′ 24.7″E
31° 28′ 44.6″N 130° 32′ 43.9″E

(Plan A)
Delete "Passage I" area in vicinity 31° 35′ 53.5″N 130° 34′ 02.3″E
"Passage II" area in vicinity
31° 35′ 26.5″N 130° 34′ 07.0″E
Depth 4.6 meters 31° 35′ 36.0″N 130° 33′ 52.0″E
Depth 24 meters 31° 35′ 36.0″N 130° 34′ 03.0″E
Position circle "(Y Lt)" 31° 35′ 28.8″N 130° 34′ 03.4″E

Change Legend to "Sinko Passage" 31° 34′ 57.4″N 130° 34′ 21.7″E
Legend to "Outer Harbour" 31° 35′ 04.5″N 130° 34′ 36.0″E

(continued on next page)

97343 (Continued) 37/01
Add "Honko Passage" area bound by
purple dashed line joining 31° 35′ 55.2″N 130° 34′ 01.7″E
31° 35′ 54.2″N 130° 34′ 06.5″E
31° 35′ 56.3″N 130° 34′ 27.8″E
31° 35′ 53.1″N 130° 34′ 27.9″E
31° 35′ 50.8″N 130° 34′ 05.3″E
31° 35′ 51.8″N 130° 34′ 00.7″E

Purple dashed line (harbor limit) [N49]
between 31° 36′ 10.1″N 130° 34′ 14.2″E
31° 36′ 08.6″N 130° 34′ 16.7″E

Purple dashed line (harbor limit) [N49]
between 31° 36′ 04.6″N 130° 34′ 18.9″E
31° 36′ 03.6″N 130° 34′ 19.8″E

Purple dashed line (harbor limit) [N49]
between 31° 35′ 38.0″N 130° 34′ 22.3″E
31° 35′ 27.8″N 130° 34′ 27.2″E

Purple dashed line (harbor limit) [N49]
between 31° 35′ 06.7″N 130° 34′ 17.3″E
31° 35′ 00.6″N 130° 34′ 14.5″E

Legend "Honko Ku" 31° 35′ 42.0″N 130° 34′ 12.0″E

(Plan B)
Change Legend to "Outer Harbour" 31° 32′ 07.0″N 130° 33′ 06.0″E

(Plan C)
Change Legend to "Outer Harbour" 31° 32′ 36.0″N 130° 33′ 24.0″E
Legend to "Minamiko Ku" 31° 32′ 49.0″N 130° 32′ 57.0″E
(22(930), 27(1162), 38(1581)98 Tokyo)

97343 12Ed. 2/7/98 LAST NM 37/01 38/01
Delete Dashed line and legend "Under const"
in vicinity 31° 29′ 54.0″N 130° 32′ 04.0″E

Change Visibility (range) of light to 10M
31° 28′ 45.0″N 130° 32′ 44.0″E
Visibility (range) of light to 10M
31° 28′ 59.0″N 130° 32′ 25.0″E

Add Double solid with land tint (pier) [F14]
between 31° 29′ 53.0″N 130° 32′ 05.8″E
31° 29′ 53.5″N 130° 32′ 00.6″E
(2(53)00, 5(176)01 Tokyo)

97343 12Ed. 2/7/98 LAST NM 38/01 27/02
Add "PROHIB AREA" [N2.2] bound by
purple composite line joining
31° 32′ 28.0″N 130° 33′ 07.0″E
31° 32′ 17.0″N 130° 33′ 35.0″E
31° 31′ 57.0″N 130° 33′ 26.0″E
31° 32′ 06.0″N 130° 32′ 57.0″E

Buoy Y, conical, (Y Lt) 31° 32′ 07.0″N 130° 33′ 30.0″E
Buoy R, conical, (R Lt) 31° 31′ 57.0″N 130° 33′ 26.0″E
Buoy Y, conical, (Y Lt) 31° 32′ 01.0″N 130° 33′ 12.0″E
Buoy Y, conical, (Y Lt) 31° 32′ 06.0″N 130° 32′ 57.0″E
Buoy Y, conical, (Y Lt) 31° 32′ 16.0″N 130° 33′ 02.0″E
(21(729)02 Tokyo)

97343 12Ed. 2/7/98 LAST NM 27/02 38/02
Delete Legend "Under constr" 31° 35′ 52.0″N 130° 33′ 54.0″E

(Plan A)
Delete Double solid line with land tint (pier) between
31° 35′ 51.8″N 130° 33′ 47.5″E
31° 35′ 51.8″N 130° 33′ 48.5″E

Position circle "Dol" 31° 35′ 51.0″N 130° 33′ 47.5″E
Legend "Under const" 31° 35′ 50.7″N 130° 33′ 50.0″E
Depth 2.6 meters 31° 35′ 50.5″N 130° 33′ 48.0″E

Substitute Depth 4.5 meters for 0.6 meter
31° 35′ 50.3″N 130° 33′ 47.0″E
Depth 5.8 meters for 5 meters
31° 35′ 51.1″N 130° 33′ 52.7″E

Depth 5.9 meters for 2.2 meters
31° 35′ 49.2″N 130° 33′ 52.0″E

Add Depth 4.5 meters 31° 35′ 48.3″N 130° 33′ 48.2″E
Depth 4.2 meters 31° 35′ 51.9″N 130° 33′ 49.2″E
Position circle "(R Lt)" 31° 35′ 50.0″N 130° 33′ 49.5″E
Position circle "Dol" [F20] 31° 35′ 48.0″N 130° 33′ 48.7″E
Position circle "Dol" [F20] 31° 35′ 48.4″N 130° 33′ 50.2″E
Position circle "Dol" [F20] 31° 35′ 48.6″N 130° 33′ 50.8″E
Position circle "Dol" [F20] 31° 35′ 49.0″N 130° 33′ 51.3″E

Land tint to area bound by shore and solid line
between 31° 35′ 50.2″N 130° 33′ 46.2″E
31° 35′ 53.2″N 130° 33′ 50.4″E
(28(1062)01 Tokyo)

97343 12Ed. 2/7/98 LAST NM 38/02 17/03
Change Visibility (range) of light to 7M
31° 33′ 11.0″N 130° 33′ 46.0″E
(7(218)03 Tokyo)

97343 12Ed. 2/7/98 LAST NM 17/03 25/03
Add Solid line (breakwater) joining
31° 34′ 22.0″N 130° 36′ 29.0″E
31° 34′ 19.0″N 130° 36′ 31.0″E
31° 34′ 20.0″N 130° 36′ 34.0″E

Position circle "R Lt" 31° 34′ 22.0″N 130° 36′ 29.0″E
Position circle "G Lt" 31° 34′ 19.0″N 130° 36′ 31.0″E

Anchor berth "KG1" [N11.2], radius
300 meters, centered 31° 33′ 25.4″N 130° 35′ 17.1″E
Anchor berth "KG2" [N11.2], radius
300 meters, centered 31° 33′ 06.2″N 130° 35′ 35.5″E
Anchor berth "KG3" [N11.2], radius
300 meters, centered 31° 31′ 19.4″N 130° 33′ 33.0″E
(25(939)01, 15(533)03 Tokyo)

97343 12Ed. 2/7/98 LAST NM 25/03 9/04
Change Visibility (range) of light to 3M
31° 35′ 54.4″N 130° 34′ 06.5″E

(Plan A)
Change Visibility (range) of light to 3M
31° 35′ 54.4″N 130° 34′ 06.5″E
(46(1714)03 Tokyo)

97343 12Ed. 2/7/98 LAST NM 9/04 19/08
(Plan A)
Delete Double solid line and land tint between
31° 35′ 40.0″N 130° 33′ 59.0″E
31° 35′ 38.4″N 130° 33′ 59.0″E
(50(1690)07 Tokyo)

97343 12Ed. 2/7/98 LAST NM 19/08 34/09
Add Dangerous wreck [K28] 31° 31′ 00.1″N 130° 32′ 58.1″E
(21(893)09 Tokyo)

★**97345** 2Ed. 7/12/97 NEW EDITION 40/97
Add Dashed line joining 31° 23′ 56.1″N 130° 33′ 09.8″E
31° 24′ 00.9″N 130° 33′ 01.8″E
31° 24′ 01.2″N 130° 32′ 59.0″E
31° 24′ 00.4″N 130° 32′ 57.5″E
31° 23′ 59.0″N 130° 32′ 57.4″E

Legend "(priv)" to light 31° 23′ 59.6″N 130° 32′ 56.1″E
31° 23′ 51.3″N 130° 33′ 10.5″E
31° 23′ 42.0″N 130° 33′ 22.5″E
31° 23′ 26.3″N 130° 33′ 30.5″E
31° 23′ 07.5″N 130° 33′ 46.5″E
(NIMA; Jpn CH 1248)

97345 2Ed. 7/12/97 LAST NM 40/97 28/01
Change Light to Mo(U) 8s 30m 16M (priv)
31° 23′ 56.2″N 130° 33′ 04.0″E
Light to Mo(U) 8s 36m 17M (priv)
31° 23′ 47.0″N 130° 33′ 17.0″E
Light to Mo(U) 8s 36m 17M (priv)
31° 23′ 35.0″N 130° 33′ 28.0″E
Light to Mo(U) 8s 42m 17M (priv)
31° 23′ 15.0″N 130° 33′ 42.5″E

Light to Mo(U) 8s (priv) 31° 23′ 07.6″N 130° 33′ 47.6″E
Light to Mo(U) 8s (priv) 31° 23′ 26.3″N 130° 33′ 31.0″E
Light to Mo(U) 8s (priv) 31° 23′ 42.2″N 130° 33′ 22.4″E
Light to Mo(U) 8s (priv) 31° 23′ 51.3″N 130° 33′ 10.6″E
Light to Mo(U) 8s (priv) 31° 23′ 59.5″N 130° 32′ 56.0″E
(38(1558)99 Tokyo)

97345 2Ed. 7/12/97 LAST NM 28/01 50/03
Add Chartlet, depicting changes in hydrography and
topography, from Subsection I-2
31° 22′ 48.0″N 130° 33′ 27.0″E

(continued on next page)

97345 (Continued) 50/03
Double solid line with land tint (bridge) [D22]
between 31° 22′ 40.6″N 130° 32′ 41.7″E
31° 22′ 38.6″N 130° 32′ 43.5″E
(Jpn CH W1248)

★97358 1Ed. 8/18/11 NEW CHART N6/12
(NGA)

★97360 6Ed. 2/1/97 CHART CANCELED 40/13
(NGA)

★97363 1Ed. 8/1/13 NEW CHART N3/14
(NGA)

★97370 1Ed. 6/16/11 NEW CHART N49/11
(NGA)

97370 1Ed. 6/16/11 LAST NM N49/11 N6/12
Change Visibility (range) of light to 9M
26° 23′ 22″N 127° 58′ 27″E
(47(1614)11 Tokyo)

★97371 1Ed. 10/20/11 NEW CHART N13/12
(NGA)

★97373 1Ed. 3/3/11 NEW CHART N48/11
(NGA)

★97375 1Ed. 5/19/11 NEW CHART N49/11
(NGA)

★97380 7Ed. 8/23/97 NEW EDITION 45/97
Delete Submarine cable between 31° 50.1′ N 129° 55.9′ E
31° 46.7′ N 130° 04.8′ E

Light 33° 21.4′ N 129° 26.2′ E

Change Light to
Fl G 12M 33° 12.6′ N 129° 27.3′ E
Fl R 7M 33° 10.1′ N 129° 35.3′ E
Oc 4s 12M 33° 32.2′ N 129° 58.0′ E

Characteristic of light to Iso G 6s 32° 19.1′ N 129° 59.6′ E
Visibility (range) of light to 12/5M 33° 11.8′ N 129° 24.0′ E

Legend "RC, RW" to "RC" 33° 53.2′ N 129° 39.1′ E

Legend at danger circle to
"Obstn Rep (1987)" 32° 58.8′ N 129° 17.2′ E

Add Fish haven symbol 33° 51.5′ N 130° 01.3′ E

Wreck 32° 39.2′ N 128° 07.8′ E
32° 28.2′ N 128° 17.8′ E

Light
Iso R 12M 32° 30.9′ N 130° 02.0′ E
Iso 17M 33° 29.0′ N 129° 57.8′ E

Purple circle to light 34° 06.1′ N 129° 10.1′ E

Submarine cable
joining 33° 51.8′ N 130° 02.4′ E
33° 51.6′ N 130° 02.7′ E
33° 50.4′ N 130° 02.7′ E
33° 48.6′ N 130° 04.8′ E

joining 32° 41.1′ N 129° 54.4′ E
32° 40.2′ N 129° 57.1′ E
32° 34.4′ N 130° 02.3′ E
32° 33.6′ N 130° 04.8′ E

Caution note in center right margin
of chart
"CAUTIONS
1. This chart is intended for offshore and approach navigation only. Detailed information, including minor navigational aids, has been omitted or generalized for inshore areas. Only the principal aids in these areas are maintained on this chart by Notice to Mariners.
2. Differences in latitude and longitude may exist between this and other charts of the area; therefore, the transfer of positions from one chart to another should be done by bearings and distances from common features."
(NIMA; GIMM053/97)

97380 7Ed. 8/23/97 LAST NM 45/97 46/97
Add Stranded wreck 32° 59.1′ N 129° 20.8′ E
(30(1402)97 Tokyo)

97380 7Ed. 8/23/97 LAST NM 46/97 50/97
Add Submarine cable
joining 34° 10.2′ N 128° 37.0′ E
34° 00.2′ N 128° 30.9′ E
33° 21.7′ N 128° 16.5′ E
32° 56.6′ N 128° 07.2′ E
32° 41.8′ N 128° 01.8′ E
32° 31.0′ N 128° 01.5′ E
32° 12.7′ N 128° 03.5′ E
31° 42.7′ N 128° 09.5′ E
31° 30.2′ N 128° 12.0′ E

joining 34° 10.2′ N 128° 36.0′ E
34° 00.2′ N 128° 29.9′ E
33° 37.9′ N 128° 21.6′ E
33° 22.7′ N 128° 16.2′ E
33° 11.6′ N 128° 11.9′ E
32° 42.0′ N 128° 01.2′ E
32° 29.2′ N 128° 00.3′ E
32° 14.2′ N 128° 02.1′ E
32° 01.7′ N 128° 04.1′ E
31° 46.7′ N 128° 04.8′ E
31° 30.2′ N 128° 05.0′ E
(31(473, 474)97 Inchon)

97380 7Ed. 8/23/97 LAST NM 50/97 6/98
Change Characteristic of light to Fl 4s 33° 19.9′ N 129° 33.7′ E

Height of light to
26m 32° 36.8′ N 129° 42.5′ E
126m 32° 33.0′ N 129° 46.7′ E
(38(1694-1696)97 Tokyo)

97380 7Ed. 8/23/97 LAST NM 6/98 12/98
Add Buoy BYB, pillar, double cone topmark
bases together, Q(3) 10s 32° 38.7′ N 128° 56.4′ E
(42(1852)97 Tokyo; Jpn CH 1212)

97380 7Ed. 8/23/97 LAST NM 12/98 32/98
Delete R Bn at light 31° 59.4′ N 128° 21.0′ E
(12(522)98 Tokyo)

97380 7Ed. 8/23/97 LAST NM 32/98 38/98
Add Fish haven symbol 33° 01′ 21″N 129° 32′ 26″E
(23(978)98 Tokyo)

97380 7Ed. 8/23/97 LAST NM 38/98 52/98
Add Depth
18.4 meters Rk 33° 04′ 01″N 129° 23′ 01″E
19.7 meters Rk 33° 04′ 05″N 129° 29′ 17″E
(34(1447)98 Tokyo)

97380 7Ed. 8/23/97 LAST NM 52/98 2/99
Add Wreck 33° 07′ 24″N 129° 30′ 40″E
(40(1689)98 Tokyo)

97380 7Ed. 8/23/97 LAST NM 2/99 12/99
Add Dangerous wreck 33° 34′ 47″N 129° 54′ 40″E
Wreck 33° 41′ 06″N 129° 07′ 54″E
(6(220, 243)99 Tokyo)

97380 7Ed. 8/23/97 LAST NM 12/99 14/99
Add Wreck 33° 50′ 59″N 129° 39′ 40″E
(8(334)99 Tokyo)

97380 7Ed. 8/23/97 LAST NM 14/99 18/99
Change Light to Fl(2) R 6M 32° 22.6′ N 129° 59.4′ E
(5(205)98 Tokyo)

97380 7Ed. 8/23/97 LAST NM 18/99 19/99
Change Light to Fl 4s 56m 20M 32° 31.8′ N 130° 00.8′ E
(6(253)98 Tokyo; Jpn LL)

97380 7Ed. 8/23/97 LAST NM 19/99 21/99
Substitute Depth
29 meters Wk for wreck 32° 44.3′ N 129° 44.9′ E
17 meters Rk for 15 meters R 32° 43.0′ N 129° 45.4′ E
Add Wreck 32° 50.6′ N 129° 07.2′ E
(11(478), 12(527)99 Tokyo)

97380 7Ed. 8/23/97 LAST NM 21/99 22/99
Add Submarine cable joining 33° 49.5′ N 130° 04.8′ E
33° 50.5′ N 130° 02.5′ E
33° 51.5′ N 130° 02.5′ E
33° 51.8′ N 130° 02.3′ E
(9(390)98 Tokyo)

97380 7Ed. 8/23/97 LAST NM 22/99 28/99
Substitute Disused submarine cable for submarine cable
joining 32° 42′ 45″N 128° 55′ 52″E
32° 45′ 26″N 129° 44′ 52″E
32° 46′ 22″N 129° 48′ 10″E
(10(446)98 Tokyo)

97380 7Ed. 8/23/97 LAST NM 28/99 30/99
Substitute Depth 18.8 meters Rk for 17 meters
33° 03.6′ N 129° 29.8′ E
Depth 16.5 meters Rk for 15 meters
33° 03.0′ N 129° 29.6′ E
(23(971)99 Tokyo)

97380 7Ed. 8/23/97 LAST NM 30/99 37/99
Add Depth 14 meters 33° 03.0′ N 129° 20.0′ E
Depth 13.2 meters 33° 01.7′ N 129° 18.3′ E
Depth 12.7 meters 33° 00.7′ N 129° 18.6′ E
Depth 13.3 meters 32° 59.0′ N 129° 16.4′ E
Depth 15.7 meters 32° 56.6′ N 129° 16.6′ E
(31(1318)99 Tokyo)

97380 7Ed. 8/23/97 LAST NM 30/99 38/99
Add R Bn 32° 37.0′ N 128° 36.4′ E
(13(22)98 Tokyo; BA RA)

97380 7Ed. 8/23/97 LAST NM 38/99 43/99
Substitute Depth 12.5 meters [I10] for 12.8 meters R
33° 23.3′ N 129° 35.0′ E
(38(1557)99 Tokyo)

97380 7Ed. 8/23/97 LAST NM 43/99 47/99
Add Submarine cable [L30.1] between 32° 38.1′ N 129° 47.9′ E
32° 39.0′ N 129° 45.4′ E
(17(729)98 Tokyo)

97380 7Ed. 8/23/97 LAST NM 47/99 1/00
Add Wreck [K29] 33° 44.1′ N 129° 55.0′ E
Fish haven symbol [K46.1] 33° 36.5′ N 129° 53.7′ E
(42(1707), 47(1907)99 Tokyo)

97380 7Ed. 8/23/97 LAST NM 1/00 5/00
Add Double solid line with land tint (bridge) [D22]
between 33° 02.3′ N 129° 38.2′ E
33° 02.2′ N 129° 38.8′ E
(50(1988)99 Tokyo)

97380 7Ed. 8/23/97 LAST NM 5/00 7/00
Add Submarine cable [L30.1] joining 34° 10.2′ N 128° 37.5′ E
34° 00.0′ N 128° 30.0′ E
33° 37.1′ N 128° 21.5′ E
32° 51.1′ N 128° 14.5′ E
32° 39.9′ N 128° 14.9′ E
32° 36.9′ N 128° 15.0′ E
32° 07.4′ N 128° 43.4′ E
32° 00.4′ N 128° 48.2′ E
31° 54.5′ N 128° 50.5′ E
31° 38.5′ N 128° 40.5′ E
31° 30.2′ N 128° 36.3′ E
(22(947), 26(1131), 27(1151)98 Tokyo; NTM0006/2000)

97380 7Ed. 8/23/97 LAST NM 7/00 10/00
Add Rock which covers and uncovers [K11]
33° 35.2′ N 129° 50.9′ E
(1(35)00 Tokyo)

97380 7Ed. 8/23/97 LAST NM 10/00 46/00
Add Fish haven symbol [K46.1] 32° 52.1′ N 129° 39.8′ E
(27(969)00 Tokyo)

97380 7Ed. 8/23/97 LAST NM 46/00 22/01
Add Wreck [K29] 33° 31.4′ N 129° 48.4′ E
(10(330)00 Tokyo)

97380 7Ed. 8/23/97 LAST NM 22/01 23/01
Substitute Disused submarine cable [L32] for
submarine cable in vicinity 33° 15.3′ N 129° 04.8′ E
Disused submarine cables (2) [L32] for
submarine cable in vicinity 33° 14.0′ N 129° 15.0′ E
Disused submarine cable [L32] for
submarine cable in vicinity 33° 13.5′ N 129° 07.0′ E
Disused submarine cable [L32] for
submarine cable in vicinity 33° 09.0′ N 129° 05.3′ E
Disused submarine cable [L32] for
submarine cable in vicinity 33° 00.4′ N 129° 17.9′ E
Disused submarine cables (2) [L32] for
submarine cable in vicinity 32° 59.6′ N 129° 12.4′ E
Disused submarine cable [L32] for
submarine cable in vicinity 33° 02.4′ N 129° 10.9′ E
Disused submarine cable [L32] for
submarine cable in vicinity 32° 55.2′ N 129° 09.9′ E
Depth 56 meters Wk for
29 meters Wk 32° 44.3′ N 129° 44.9′ E
Add Fish haven symbol [K46.1] 33° 24.3′ N 129° 34.9′ E
(26(928), 39(1409), 40(1443)00, 10(348)01 Tokyo)

97380 7Ed. 8/23/97 LAST NM 23/01 39/01
Add Submarine cable [L30.1] joining 31° 30.2′ N 129° 51.9′ E
31° 31.5′ N 129° 51.2′ E
31° 32.5′ N 129° 48.9′ E
31° 31.8′ N 129° 38.8′ E
(7(241), 14(487)00 Tokyo)

97380 7Ed. 8/23/97 LAST NM 39/01 21/02
Change Visibility (range) of light to 13M 32° 47.8′ N 128° 48.5′ E
Light to Iso 6s 101m 13M 33° 26.4′ N 129° 25.8′ E
(15(534, 535)02 Tokyo)

97380 7Ed. 8/23/97 LAST NM 21/02 39/02
Substitute Depth 14 meters rky for 16 meters 32° 59.1′ N 129° 33.1′ E
(32(1108)02 Tokyo)

97380 7Ed. 8/23/97 LAST NM 39/02 47/02
Substitute Depth 26 meters rky for 35 meters 33° 47.8′ N 129° 53.9′ E
(41(1394)02 Tokyo)

97380 7Ed. 8/23/97 LAST NM 47/02 52/02
Change Period of light to 6s 33° 42.3′ N 129° 43.0′ E
(49(2032)98 Tokyo)

97380 7Ed. 8/23/97 LAST NM 52/02 1/03
Change Visibility (range) of light to 11M 32° 55.2′ N 128° 55.8′ E

(continued on next page)

97380 (Continued) 1/03
Add Submarine cable [L30.1] joining 32° 45.2′ N 128° 13.4′ E
32° 41.9′ N 128° 13.5′ E
32° 35.5′ N 128° 14.0′ E
32° 34.3′ N 128° 14.7′ E
32° 23.4′ N 128° 25.0′ E
32° 21.2′ N 128° 26.6′ E
32° 12.8′ N 128° 35.8′ E
32° 11.6′ N 128° 37.9′ E
32° 05.3′ N 128° 43.6′ E
32° 00.7′ N 128° 45.6′ E
31° 58.0′ N 128° 44.3′ E
31° 55.0′ N 128° 45.3′ E
31° 48.3′ N 128° 43.1′ E
31° 34.3′ N 128° 36.5′ E
31° 31.4′ N 128° 35.4′ E
31° 30.2′ N 128° 35.5′ E

Submarine cable [L30.1] joining 34° 10.2′ N 128° 35.5′ E
33° 56.9′ N 128° 27.3′ E
33° 47.5′ N 128° 23.9′ E
32° 30.8′ N 128° 09.8′ E
31° 55.8′ N 128° 40.4′ E
31° 30.2′ N 128° 31.2′ E
(43(1468), 45(1550)02 Tokyo; 23(132)02 Inchon)

97380 7Ed. 8/23/97 LAST NM 1/03 2/03
Add Submarine pipeline [L40.1] joining 32° 53.0′ N 129° 40.7′ E
32° 53.0′ N 129° 39.0′ E
32° 53.3′ N 129° 38.5′ E
32° 53.4′ N 129° 36.4′ E
(46(1585)02 Tokyo)

97380 7Ed. 8/23/97 LAST NM 2/03 8/03
Add Wreck [K29] (PA) 33° 44.0′ N 129° 57.3′ E
(51(1792)02 Tokyo)

97380 7Ed. 8/23/97 LAST NM 8/03 16/03
Change Visibility (range) of beacon to 8M 32° 47.1′ N 129° 45.2′ E
(3(90)03 Tokyo)

97380 7Ed. 8/23/97 LAST NM 16/03 23/03
Delete Light 32° 53.5′ N 129° 05.3′ E

Add Light Fl R 5M 32° 53.6′ N 129° 05.4′ E
(14(500)03 Tokyo)

97380 7Ed. 8/23/97 LAST NM 23/03 38/03
Add Depth 34 meters R 33° 21.0′ N 129° 08.3′ E
(32(1239)03 Tokyo)

97380 7Ed. 8/23/97 LAST NM 38/03 40/03
Add Wreck [K29] 34° 02.3′ N 130° 03.8′ E
(34(1321)03 Tokyo)

97380 7Ed. 8/23/97 LAST NM 40/03 45/03
Change Visibility (range) of light to 13M 33° 31.1′ N 129° 49.7′ E

Add Submarine pipeline [L40.1] joining 31° 36.1′ N 129° 43.3′ E
31° 37.8′ N 129° 42.1′ E
31° 37.7′ N 129° 42.0′ E
(38(1449, 1450)03 Tokyo)

97380 7Ed. 8/23/97 LAST NM 45/03 17/04
Substitute Depth 55 meters Wk [K26] for wreck
34° 02.3′ N 130° 03.8′ E
(See 40/03-97380)
(8(222)04 Tokyo)

97380 7Ed. 8/23/97 LAST NM 17/04 23/04
Change Light to Fl 3s 3M 33° 42.5′ N 129° 41.6′ E
(46(1706)03 Tokyo; Jpn LL)

97380 7Ed. 8/23/97 LAST NM 23/04 39/04
Substitute Depth 28 meters for 38 meters 33° 30.9′ N 129° 36.2′ E
(29(777)04 Tokyo)

97380 7Ed. 8/23/97 LAST NM 39/04 48/04
Change Visibility (range) of light to 8M 31° 52.2′ N 129° 56.4′ E
Visibility (range) of light to 8M 31° 51.1′ N 130° 02.9′ E
(24(651)04 Tokyo)

97380 7Ed. 8/23/97 LAST NM 48/04 52/04
Add Submarine cable (power) [L31.1] joining
32° 55.7′ N 129° 35.8′ E
32° 55.2′ N 129° 33.8′ E
32° 54.4′ N 129° 32.1′ E
32° 53.5′ N 129° 29.0′ E
32° 53.6′ N 129° 16.6′ E
32° 51.4′ N 129° 09.1′ E
32° 50.4′ N 129° 08.3′ E
32° 49.7′ N 129° 06.9′ E
32° 49.7′ N 129° 03.9′ E
(43(1112)04 Tokyo)

97380 7Ed. 8/23/97 LAST NM 52/04 5/05
Add Submarine cable [L30.1] joining 32° 45.2′ N 128° 12.3′ E
32° 28.7′ N 128° 09.5′ E
32° 27.0′ N 128° 10.2′ E
32° 07.1′ N 128° 31.8′ E
32° 00.4′ N 128° 38.2′ E
31° 58.2′ N 128° 39.6′ E
31° 55.3′ N 128° 40.3′ E
31° 52.3′ N 128° 39.8′ E
31° 50.3′ N 128° 38.5′ E
31° 30.2′ N 128° 30.9′ E
(11(287)04 Tokyo)

97380 7Ed. 8/23/97 LAST NM 5/05 13/05
Change Visibility (range) of light to 7/3M 31° 38.0′ N 129° 43.0′ E
(4(94)05 Tokyo)

97380 7Ed. 8/23/97 LAST NM 13/05 22/05
Change Light to Fl G 3s 3M 33° 11.4′ N 129° 21.2′ E
(13(368)05 Tokyo)

97380 7Ed. 8/23/97 LAST NM 22/05 29/05
Delete Submarine cable in vicinity 33° 09.9′ N 129° 36.9′ E

Change Light to Fl(2) 12M 32° 11.5′ N 130° 01.1′ E

Visibility (range) of light to 13M 32° 13.0′ N 130° 00.7′ E
Visibility (range) of light to 10M 32° 11.0′ N 129° 58.1′ E
(20(578)05 Tokyo; Jpn LL)

97380 7Ed. 8/23/97 LAST NM 29/05 39/05
Substitute Submarine cable (power) [L31.1] for
submarine cable in vicinity 33° 00.6′ N 129° 18.0′ E
(26(792)05 Tokyo)

97380 7Ed. 8/23/97 LAST NM 39/05 40/05
Add Fish haven symbol [K46.1] 32° 13.4′ N 129° 58.7′ E
(31(934)05 Tokyo)

97380 7Ed. 8/23/97 LAST NM 40/05 44/05
Change Visibility (range) of light to 5M 32° 18.4′ N 130° 01.6′ E
(31(935)05 Tokyo)

97380 7Ed. 8/23/97 LAST NM 44/05 6/06
Add Submarine cable [L30.1] joining 31° 31.8′ N 129° 38.8′ E
31° 31.7′ N 129° 36.9′ E
31° 35.0′ N 129° 31.4′ E
32° 00.6′ N 129° 15.4′ E
32° 02.8′ N 129° 07.5′ E
32° 10.8′ N 128° 49.3′ E
32° 14.3′ N 128° 46.2′ E
32° 16.3′ N 128° 41.9′ E
32° 35.5′ N 128° 19.9′ E
32° 46.1′ N 128° 20.3′ E
32° 49.7′ N 128° 21.6′ E
33° 03.0′ N 128° 31.0′ E
33° 12.3′ N 128° 39.0′ E
33° 14.1′ N 128° 43.8′ E
33° 46.7′ N 129° 27.1′ E
33° 52.5′ N 129° 31.4′ E
33° 55.5′ N 129° 49.9′ E
33° 55.9′ N 130° 00.3′ E
33° 53.6′ N 130° 04.8′ E
(45(1824)99 Tokyo)

97380 7Ed. 8/23/97 LAST NM 6/06 21/06
Add Depth 108 meters “Rep (1972)” 32° 18.0′ N 128° 33.5′ E
(NTM0024/2006)

97380 7Ed. 8/23/97 LAST NM 21/06 23/06
Change Visibility (range) of light to 5M 33° 27.7′ N 129° 44.6′ E
(9(267)06 Tokyo)

97380 7Ed. 8/23/97 LAST NM 23/06 25/06
Delete Submarine cable in vicinity 33° 09.7′ N 129° 33.5′ E
(18(544)06 Tokyo)

97380 7Ed. 8/23/97 LAST NM 25/06 28/06
Delete Submarine cables (2) in vicinity 33° 27.6′ N 129° 32.0′ E
(23(679)06 Tokyo)

97380 7Ed. 8/23/97 LAST NM 28/06 39/06
Change Visibility (range) of light to 13M 33° 28.3′ N 129° 29.8′ E
Visibility (range) of light to 13M 33° 30.6′ N 129° 33.3′ E
(14(434)06 Tokyo)

97380 7Ed. 8/23/97 LAST NM 39/06 42/06
Change Visibility (range) of light to 4M 33° 32.2′ N 129° 58.0′ E
Visibility (range) of light to 4M 33° 15.5′ N 129° 07.9′ E
Light to Fl(2) 6s 14m 7M 33° 45.2′ N 129° 38.6′ E
(47(1409-1411)05 Tokyo)

97380 7Ed. 8/23/97 LAST NM 42/06 6/07
Change Visibility (range) of light to 5M 33° 16.3′ N 129° 09.4′ E
(47(1405)06 Tokyo)

97380 7Ed. 8/23/97 LAST NM 6/07 37/07
Add Wreck [K29] 33° 06.8′ N 129° 17.8′ E
(31(1043)07 Tokyo)

97380 7Ed. 8/23/97 LAST NM 37/07 3/08
Change Visibility (range) of light to 8/5M 32° 57.0′ N 129° 36.2′ E
(36(1068)06 Tokyo)

97380 7Ed. 8/23/97 LAST NM 3/08 8/08
Change Visibility (range) of light to 5M 33° 44.5′ N 129° 47.3′ E
Light to Fl 3s 3M 33° 31.7′ N 129° 57.4′ E
Light to Fl R 3M & F 33° 48.9′ N 129° 45.8′ E
(52(1760, 1761, 1763)07 Tokyo)

97380 7Ed. 8/23/97 LAST NM 8/08 10/08
Change Light to Iso 6s 30m 5M 33° 33.9′ N 129° 45.8′ E
Light to Fl 4s 3M 33° 27.1′ N 129° 46.9′ E
Light to Fl 4s 49m 5M 33° 23.8′ N 129° 40.4′ E
Light to Fl 5s 46m 3M 33° 28.3′ N 129° 29.8′ E
Light to Fl 4s 5M 33° 30.6′ N 129° 33.3′ E
Light to Fl(2) 6s 3M 33° 26.3′ N 129° 32.8′ E
Visibility (range) of light to 3M 33° 12.6′ N 129° 27.4′ E
Light to Iso 5M 33° 09.7′ N 129° 34.9′ E
(52(1762, 1764, 1766, 1767, 1769, 1770)07 Tokyo)

97380 7Ed. 8/23/97 LAST NM 10/08 16/08
Delete Light 32° 50.4′ N 129° 03.9′ E
Light 32° 50.8′ N 129° 03.9′ E

Change Light to Fl 3s 40m 5M 33° 02.8′ N 129° 04.1′ E
(8(256, 257)08 Tokyo)

97380 7Ed. 8/23/97 LAST NM 16/08 25/08
Delete Ramark at light 34° 06.2′ N 129° 10.1′ E
(18(572)08 Tokyo)

97380 7Ed. 8/23/97 LAST NM 25/08 30/08
Change Light to Fl 3s 5M 32° 47.1′ N 128° 39.9′ E
Light to Iso 6s 4M 32° 59.4′ N 129° 06.9′ E
Light to Fl 3s 119m 5M 33° 09.7′ N 129° 06.8′ E
(20(675, 678)08 Tokyo)

97380 7Ed. 8/23/97 LAST NM 30/08 32/08
Add Submarine cable [L30.1] joining 33° 49.7′ N 130° 04.7′ E
33° 49.4′ N 130° 00.2′ E
33° 50.9′ N 129° 57.8′ E
33° 53.2′ N 129° 56.4′ E
34° 00.2′ N 129° 52.9′ E
34° 04.3′ N 129° 51.6′ E
34° 09.0′ N 129° 50.6′ E
34° 10.2′ N 129° 50.8′ E
(17(226)02 Inchon)

97380 7Ed. 8/23/97 LAST NM 32/08 38/08
Change Light to Fl R 3M 32° 36.2′ N 128° 44.3′ E
(20(674)08 Tokyo)

97380 7Ed. 8/23/97 LAST NM 38/08 8/09
Change Visibility (range) of light to 8M 33° 05.6′ N 129° 37.6′ E
(Jpn CH 1233)

97380 7Ed. 8/23/97 LAST NM 8/09 9/09
Change Visibility (range) of light to 5M 33° 10.1′ N 129° 35.3′ E
(Jpn CH 1234; Jpn LL)

97380 7Ed. 8/23/97 LAST NM 9/09 10/09
Change Visibility (range) of light to 8M 33° 00.7′ N 129° 37.9′ E
Visibility (range) of light to 4M 33° 08.7′ N 129° 31.7′ E
Visibility (range) of light to 9M 33° 12.2′ N 129° 30.3′ E
Visibility (range) of light to 13M 33° 00.5′ N 129° 32.2′ E
(Jpn CH 1232; Jpn LL)

97380 7Ed. 8/23/97 LAST NM 10/09 14/09
Delete Disused submarine cable between 32° 54.9′ N 129° 35.7′ E
33° 00.0′ N 129° 21.3′ E
(Jpn CH 1232)

97380 7Ed. 8/23/97 LAST NM 14/09 16/09
Add Submarine cable [L30.1] joining 34° 10.2′ N 128° 43.5′ E
34° 07.5′ N 128° 42.0′ E
34° 06.6′ N 128° 40.6′ E
34° 05.5′ N 128° 33.0′ E
34° 04.0′ N 128° 30.8′ E
33° 48.4′ N 128° 19.9′ E
33° 33.4′ N 128° 05.8′ E
33° 31.1′ N 128° 05.0′ E
33° 12.4′ N 128° 02.0′ E
(ROK CH 802)

97380 7Ed. 8/23/97 LAST NM 16/09 17/09
Delete Disused submarine cable joining 33° 00.2′ N 129° 08.8′ E
33° 03.6′ N 129° 20.0′ E
33° 01.7′ N 129° 33.7′ E

Disused submarine cable between 33° 01.3′ N 129° 21.1′ E
33° 01.7′ N 129° 31.2′ E

Disused submarine cable joining 33° 00.5′ N 129° 32.1′ E
33° 03.0′ N 129° 30.7′ E
33° 05.4′ N 129° 34.2′ E
(Jpn CH W1232; NTM0021/2009)

97380 7Ed. 8/23/97 LAST NM 17/09 24/09
Add Buoy W, spar, Mo(U) 10s 31° 37.2′ N 129° 26.9′ E
(Jpn CH 1222)

97380 7Ed. 8/23/97 LAST NM 24/09 25/09
Delete Light (Iso G 6s) 32° 19.1′ N 129° 59.6′ E

Change Light to Fl 3s 29m 12M, F 33° 17.9′ N 129° 07.5′ E
Visibility (range) of light to 4M 33° 33.9′ N 129° 45.8′ E
Visibility (range) of light to 5M 33° 34.0′ N 129° 52.9′ E
(9(357, 358), 14(583, 584)09 Tokyo)

97380 7Ed. 8/23/97 LAST NM 25/09 46/09
Change Visibility (range) of beacon to 7M 31° 51.1′ N 130° 02.9′ E
Light to Fl 15s 146m 23M 31° 37.2′ N 129° 41.4′ E
Light to Fl(2) G 7M 31° 38.0′ N 129° 43.0′ E
(39(1650, 1663)09 Tokyo; Jpn LL)

97380 7Ed. 8/23/97 LAST NM 46/09 47/09
Change Light to Fl R 3M 32° 47.1′ N 129° 47.3′ E
(33(1428)09 Tokyo)

97380 7Ed. 8/23/97 LAST NM 47/09 2/10
Change Light to Fl G 3s 5M 32° 59.9′ N 129° 21.2′ E
(Jpn LL)

97380 7Ed. 8/23/97 LAST NM 2/10 4/10
Change Visibility (range) of light to 5M 33° 00.5′ N 129° 32.2′ E
Visibility (range) of light to 12M 33° 26.4′ N 129° 25.8′ E
Light to Fl 3s 70m 5M 33° 18.1′ N 129° 10.2′ E
Visibility (range) of light to 5M 32° 56.1′ N 129° 06.9′ E
(9(365), 33(1426, 1427)09 Tokyo; Jpn LL)

★**97380** 7Ed. 8/23/97 LAST NM 4/10 5/10
Substitute Depth 173 meters "Rep (2010)" [I3.2] enclosed
by depth contour (200-meter) for 214 meters
32° 23.0′ N 129° 08.8′ E
(NTM0003/2010)

97

97380 7Ed. 8/23/97 LAST NM 5/10 7/10
Change Visibility (range) of light to 5M 31° 42.2′ N 129° 44.5′ E
(Jpn LL)

97380 7Ed. 8/23/97 LAST NM 7/10 14/10
Change Light to Fl G 3s 3M 33° 11.8′ N 129° 24.0′ E
Light to Fl(2) 6s 61m 12M 34° 05.0′ N 129° 12.8′ E
(4(143, 146)10 Tokyo)

97380 7Ed. 8/23/97 LAST NM 14/10 37/10
Change Visibility (range) of light to 5M 33° 00.7′ N 129° 37.9′ E
Visibility (range) of light to 3M 33° 14.0′ N 129° 05.7′ E
(23(939, 943)10 Tokyo)

97380 7Ed. 8/23/97 LAST NM 37/10 39/10
Change Light to Fl(2) 6s 31m 12M 33° 42.3′ N 129° 43.0′ E
Light to Fl 3s 54m 5M 32° 59.8′ N 129° 13.3′ E
(14(556, 561)10 Tokyo)

97380 7Ed. 8/23/97 LAST NM 39/10 53/11
Change Visibility (range) of light to 5M 33° 34.9′ N 129° 54.6′ E
Visibility (range) of light to 5M 33° 50.0′ N 129° 39.5′ E
Visibility (range) of light to 3M 33° 46.0′ N 129° 48.9′ E
(47(1605, 1607)11 Tokyo)

97380 7Ed. 8/23/97 LAST NM 53/11 6/12
Change Visibility (range) of light to 5M 33° 25.2′ N 129° 32.1′ E
Visibility (range) of light to 5M 32° 40.8′ N 128° 38.1′ E
Visibility (range) of light to 5M 32° 51.7′ N 128° 52.4′ E
Visibility (range) of light to 7M 33° 14.5′ N 129° 11.2′ E
Visibility (range) of beacon to 7M 32° 42.7′ N 129° 47.0′ E
(47(1608-1611)11 Tokyo)

97380 7Ed. 8/23/97 LAST NM 6/12 8/13
Substitute Depth 107 meters for 119 meters 33° 25.2′ N 128° 55.2′ E

Add Depth 90 meters 33° 44.7′ N 129° 25.0′ E
(NTM0004/2013)

97380 7Ed. 8/23/97 LAST NM 8/13 28/13
Add Depth 51 meters "Rep (2007)" [I3.2]
enclosed by dotted-line circle centered
31° 36.5′ N 128° 18.4′ E
(NTM0015/2013)

★97381 7Ed. 9/6/97 NEW EDITION 6/98
Delete Fish haven symbol 31° 57.0′ N 130° 11.0′ E
Wreck 31° 39.0′ N 130° 11.9′ E

Change Height of light to 19m 31° 51.2′ N 130° 03.0′ E

Add Dangerous wreck 31° 43′ 03″N 130° 11′ 37″E
Wreck 31° 39′ 00″N 130° 07′ 53″E
Light Fl R 4s 9m 5M 31° 52′ 07″N 130° 11′ 34″E

Fish haven symbol 31° 57′ 00″N 130° 11′ 33″E
31° 45′ 02″N 130° 12′ 15″E
31° 36′ 30″N 130° 15′ 27″E
31° 35′ 24″N 130° 17′ 03″E
31° 34′ 00″N 130° 15′ 33″E

Submarine cable joining 31° 47′ 06″N 129° 49′ 03″E
31° 46′ 33″N 129° 48′ 30″E
31° 46′ 26″N 129° 47′ 53″E
31° 46′ 21″N 129° 47′ 48″E
(NIMA; GIMM014/98; Jpn CH 206)

97381 7Ed. 9/6/97 LAST NM 6/98 40/98
Add Fish haven symbol 31° 51′ 31″N 130° 10′ 16″E
31° 45′ 52″N 130° 10′ 22″E
31° 24′ 18″N 130° 07′ 35″E
(29(1234), 30(1266, 1267)98 Tokyo)

97381 7Ed. 9/6/97 LAST NM 40/98 20/99
Add Dashed line (breakwater extension under
construction) joining 32° 01′ 30″N 130° 11′ 22″E
32° 01′ 36″N 130° 11′ 11″E
32° 01′ 47″N 130° 11′ 04″E
32° 01′ 37″N 130° 10′ 59″E

Light
Fl(2) G 6s 14m 6M 32° 01′ 37″N 130° 10′ 59″E
Fl R 4s 12M 32° 01′ 36″N 130° 11′ 11″E
(7(304)98 Tokyo; Jpn LL)

97381 7Ed. 9/6/97 LAST NM 40/98 21/99
Add Fish haven symbol 32° 02.6′ N 130° 11.6′ E
31° 37.7′ N 130° 17.1′ E
31° 37.9′ N 130° 17.5′ E
31° 36.6′ N 130° 17.6′ E
31° 36.5′ N 130° 18.1′ E
31° 27.0′ N 130° 12.0′ E
(9(357), 12(504, 505)99 Tokyo)

97381 7Ed. 9/6/97 LAST NM 21/99 22/99
Add Solid line (breakwater) between
31° 46′ 01″N 129° 48′ 03″E
31° 45′ 56″N 129° 48′ 00″E
(9(394)98 Tokyo)

97381 7Ed. 9/6/97 LAST NM 22/99 23/99
Add Fish haven symbol 31° 25′ 14″N 130° 10′ 33″E
(16(679)99 Tokyo)

97381 7Ed. 9/6/97 LAST NM 23/99 36/99
Add Fish haven symbol 31° 25′ 48″N 130° 08′ 36″E
Fish haven symbol 31° 27′ 14″N 130° 11′ 30″E
Fish haven symbol 31° 26′ 33″N 130° 13′ 11″E
(30(1270)99 Tokyo)

97381 7Ed. 9/6/97 LAST NM 36/99 37/99
Add Depth 10.1 meters Rk 32° 02′ 34″N 130° 10′ 45″E
Depth 9.9 meters Rk 32° 02′ 41″N 130° 11′ 23″E
(30(1260)99 Tokyo)

97381 7Ed. 9/6/97 LAST NM 37/99 40/99
Change Light to Oc 4s 20m 14M, F 31° 42′ 29″N 130° 15′ 31″E
(13(577)98 Tokyo; Jpn LL)

97381 7Ed. 9/6/97 LAST NM 40/99 3/01
Add Depth 3.5 meters Rk [K14.2] 31° 41′ 39″N 130° 16′ 24″E
(34(1238)00 Tokyo)

97381 7Ed. 9/6/97 LAST NM 3/01 12/01
Add Depth 10 meters, blue tint and enclosing depth
contour (10 meter) centered 31° 15′ 19″N 130° 18′ 45″E
(4(158)01 Tokyo)

97381 7Ed. 9/6/97 LAST NM 12/01 24/01
Delete Depth 14 meters R and enclosing depth contour
in vicinity 31° 14′ 37″N 130° 18′ 30″E

Add Depth 26.5 meters Rk [K14.1] 31° 14′ 40″N 130° 18′ 27″E
(11(383)01 Tokyo)

97381 7Ed. 9/6/97 LAST NM 24/01 34/01
Add Fish haven symbol [K46.1] 31° 43′ 48″N 130° 11′ 18″E
Fish haven symbol [K46.1] 31° 40′ 12″N 130° 15′ 54″E
Fish haven symbol [K46.1] 31° 40′ 06″N 130° 15′ 42″E
Fish haven symbol [K46.1] 31° 39′ 24″N 130° 16′ 06″E
Fish haven symbol [K46.1] 31° 38′ 54″N 130° 14′ 36″E
Fish haven symbol [K46.1] 31° 33′ 48″N 130° 17′ 48″E
Fish haven symbol [K46.1] 31° 32′ 24″N 130° 17′ 30″E
Fish haven symbol [K46.1] 31° 29′ 48″N 130° 16′ 42″E
Fish haven symbol [K46.1] 31° 28′ 36″N 130° 13′ 36″E
Fish haven symbol [K46.1] 31° 26′ 42″N 130° 10′ 48″E
Fish haven symbol [K46.1] 31° 28′ 54″N 130° 12′ 42″E
(20(678)00 Tokyo)

97381 7Ed. 9/6/97 LAST NM 34/01 39/01
Substitute Disused submarine cable [L32] for
submarine cable joining 31° 46′ 06″N 129° 47′ 46″E
31° 45′ 34″N 129° 48′ 40″E
31° 42′ 29″N 129° 46′ 28″E
31° 43′ 00″N 129° 44′ 50″E

Disused submarine cable [L32] for
submarine cable joining 31° 46′ 06″N 129° 47′ 46″E
31° 45′ 36″N 129° 49′ 00″E
31° 41′ 50″N 129° 46′ 47″E
31° 43′ 00″N 129° 44′ 50″E

Disused submarine cable [L32] for
submarine cable joining 31° 47′ 51″N 129° 50′ 07″E
31° 47′ 13″N 129° 50′ 17″E
31° 46′ 00″N 129° 50′ 00″E
31° 46′ 06″N 129° 47′ 46″E

(continued on next page)

97381 (Continued) 39/01
Disused submarine cable [L32] for
submarine cable joining 31° 47′ 52″N 129° 50′ 08″E
31° 47′ 20″N 129° 50′ 35″E
31° 49′ 15″N 129° 52′ 26″E

Add Submarine cable [L30.1] joining
31° 08′ 12″N 130° 00′ 00″E
31° 08′ 36″N 129° 59′ 30″E
31° 20′ 48″N 129° 56′ 54″E
31° 31′ 30″N 129° 51′ 12″E
31° 32′ 30″N 129° 48′ 54″E
31° 31′ 48″N 129° 38′ 51″E
(7(241), 14(487)00, 22(797)01 Tokyo)

97381 7Ed. 9/6/97 LAST NM 39/01 49/01
Add Wreck [K29] 32° 02′ 24″N 130° 08′ 48″E
(42(1594)01 Tokyo)

97381 7Ed. 9/6/97 LAST NM 49/01 27/02
Change Visibility (range) of light to 3M
31° 16′ 12″N 130° 13′ 36″E
(Jpn LL)

97381 7Ed. 9/6/97 LAST NM 27/02 7/03
Delete Light 31° 48′ 11″N 129° 50′ 28″E

Add Light Fl(2) G 6s 11m 5M 31° 48′ 18″N 129° 50′ 31″E
(49(1715)02 Tokyo)

97381 7Ed. 9/6/97 LAST NM 7/03 13/03
Delete Light 31° 51′ 54″N 130° 11′ 30″E
(1(23)03 Tokyo; BA LL)

97381 7Ed. 9/6/97 LAST NM 13/03 27/03
Substitute Beacon BRB, double ball topmark, Fl(2) 5s
19m 12M for light 31° 51′ 12″N 130° 03′ 00″E
(19(701)03 Tokyo)

97381 7Ed. 9/6/97 LAST NM 27/03 43/03
Change Light to Fl(2) G 5M 31° 15′ 41″N 130° 17′ 35″E
Visibility (range) of light to 10M
31° 15′ 32″N 130° 17′ 31″E
(36(1389)03 Tokyo)

97381 7Ed. 9/6/97 LAST NM 43/03 45/03
Add Submarine pipeline [L40.1] joining
31° 36′ 03″N 129° 43′ 18″E
31° 36′ 14″N 129° 43′ 08″E
31° 37′ 40″N 129° 42′ 15″E
31° 37′ 45″N 129° 42′ 06″E
31° 37′ 41″N 129° 41′ 58″E
(38(1450)03 Tokyo)

97381 7Ed. 9/6/97 LAST NM 45/03 47/04
Delete Wreck 31° 39′ 00″N 130° 07′ 54″E

Add Wreck [K29] 31° 39′ 32″N 130° 07′ 14″E
(39(1005)04 Tokyo)

97381 7Ed. 9/6/97 LAST NM 47/04 48/04
Change Visibility (range) of light to 8M
31° 52′ 12″N 129° 56′ 24″E
Visibility (range) of light to 8M
31° 51′ 09″N 130° 02′ 56″E
(24(651)04 Tokyo)

97381 7Ed. 9/6/97 LAST NM 48/04 49/04
Add Fish haven symbol [K46.1] 32° 02′ 48″N 130° 10′ 11″E
Fish haven symbol [K46.1] 32° 00′ 27″N 130° 06′ 29″E
Fish haven symbol [K46.1] 32° 00′ 06″N 130° 09′ 38″E
Fish haven symbol [K46.1] 31° 58′ 06″N 130° 05′ 42″E
Fish haven symbol [K46.1] 31° 57′ 48″N 130° 10′ 42″E
(40(1032)04 Tokyo)

97381 7Ed. 9/6/97 LAST NM 49/04 13/05
Change Light to F Fl G 5s 17m 7/3M 31° 37′ 57″N 129° 42′ 59″E
(4(94)05 Tokyo)

97381 7Ed. 9/6/97 LAST NM 13/05 16/06
Add Dangerous wreck [K28] 31° 42′ 40″N 130° 10′ 42″E
(8(239)06 Tokyo)

97381 7Ed. 9/6/97 LAST NM 16/06 33/06
Change Visibility (range) of light to 6M
31° 51′ 27″N 130° 10′ 45″E
Light to Fl(2) R 6s 18m 6M 31° 51′ 15″N 130° 10′ 57″E
(22(664)06 Tokyo)

97381 7Ed. 9/6/97 LAST NM 33/06 49/06
Change Visibility (range) of light to 11M
31° 25′ 00″N 130° 06′ 34″E
(33(962)06 Tokyo)

97381 7Ed. 9/6/97 LAST NM 49/06 50/06
Change Visibility (range) of light to 3M
31° 25′ 08″N 130° 11′ 07″E
(26(767)06 Tokyo)

97381 7Ed. 9/6/97 LAST NM 50/06 37/09
Change Visibility (range) of light to 3M
31° 52′ 07″N 130° 11′ 34″E
(Jpn LL)

97381 7Ed. 9/6/97 LAST NM 37/09 46/09
Change Visibility (range) of beacon to 7M
31° 51′ 09″N 130° 02′ 56″E
Light to Fl 15s 146m 23M 31° 37′ 25″N 129° 41′ 28″E
Light to Fl(2) G 6s 17m 7M 31° 37′ 57″N 129° 42′ 59″E
(39(1650, 1663)09 Tokyo; Jpn LL)

97381 7Ed. 9/6/97 LAST NM 46/09 52/09
Change Light to Fl 3s 11m 7M 31° 25′ 17″N 130° 10′ 58″E
(4(140)09 Tokyo)

97381 7Ed. 9/6/97 LAST NM 52/09 7/10
Change Visibility (range) of light to 5M
31° 42′ 15″N 129° 44′ 37″E
(Jpn LL)

97381 7Ed. 9/6/97 LAST NM 7/10 14/10
Change Visibility (range) of light to 3M
31° 50′ 00″N 129° 51′ 41″E
(4(150)10 Tokyo)

97381 7Ed. 9/6/97 LAST NM 14/10 37/10
Change Light to Fl 4s 86m 12M 31° 44′ 24″N 130° 10′ 46″E
(31(1197)10 Tokyo)

★**97382** 2Ed. 9/6/97 NEW EDITION 6/98
Delete Range lights (2), range line and legend
"Lights in line 072°" between 32° 11′ 45″N 130° 22′ 47″E
32° 11′ 22″N 130° 21′ 22″E

Add Caution note in right upper margin of
chart
"CAUTION
Differences in latitude and longitude
may exist between this and other charts
of the area; therefore, the transfer of
positions from one chart to another
should be done by bearings and distances
from common features."
(NIMA; Jpn LL)

97382 2Ed. 9/6/97 LAST NM 6/98 51/98
Delete Buoy
"1" 32° 11′ 26″N 130° 21′ 25″E
"2" 32° 11′ 20″N 130° 21′ 26″E

Add Buoy
"1" G, pillar, can topmark,
Fl(2) G 6s 32° 11′ 32.5″N 130° 21′ 47.5″E
"2" R, pillar, cone topmark,
Fl(2) R 6s 32° 11′ 25.5″N 130° 21′ 51.5″E
(45(1959)97 Tokyo)

97382 2Ed. 9/6/97 LAST NM 51/98 36/99
Add Fish haven symbol 32° 11′ 39.0″N 130° 21′ 35.0″E
Fish haven symbol 32° 11′ 57.0″N 130° 22′ 14.0″E
(30(1269)99 Tokyo)

97382 2Ed. 9/6/97 LAST NM 36/99 41/02
Delete Depth 5.6 meters 32° 13′ 00.0″N 130° 23′ 01.0″E

(continued on next page)

97382 (Continued) 41/02
Add Double solid line with land tint (breakwater)
[F4.1] between 32° 13′ 00.7″N 130° 23′ 00.7″E
32° 12′ 59.1″N 130° 23′ 02.6″E

Position circle "R MAST" [E28]
32° 12′ 44.7″N 130° 22′ 53.2″E
(28(1185)98 Tokyo)

97382 2Ed. 9/6/97 LAST NM 41/02 45/02
Add Land tint to area bound by shore and solid line
joining 32° 11′ 21.9″N 130° 22′ 43.4″E
32° 11′ 22.4″N 130° 22′ 41.6″E
32° 11′ 29.0″N 130° 22′ 44.0″E
32° 11′ 28.4″N 130° 22′ 45.6″E
32° 11′ 25.7″N 130° 22′ 46.1″E

Double solid line with land tint (breakwater)
[F4.1] joining 32° 11′ 29.3″N 130° 22′ 41.3″E
32° 11′ 27.9″N 130° 22′ 40.0″E
32° 11′ 23.1″N 130° 22′ 39.1″E
32° 11′ 22.4″N 130° 22′ 41.6″E

Double solid line with land tint (breakwater)
[F4.1] between 32° 11′ 29.0″N 130° 22′ 42.0″E
32° 11′ 29.0″N 130° 22′ 44.0″E
(32(1342)98 Tokyo)

97382 2Ed. 9/6/97 LAST NM 45/02 4/03
Delete Dashed line and legend "Fish Nets" in vicinity
32° 11′ 12.0″N 130° 21′ 34.8″E

Dashed line in vicinity 32° 11′ 21.9″N 130° 21′ 36.2″E

Dashed line and legend "Fish Nets" in vicinity
32° 11′ 43.0″N 130° 21′ 28.2″E

Dashed line in vicinity 32° 11′ 29.0″N 130° 21′ 35.0″E

Dashed line and legend "Fish Nets" in vicinity
32° 12′ 05.0″N 130° 21′ 41.0″E

Dashed line and legend "Fish Nets" in vicinity
32° 12′ 19.8″N 130° 22′ 10.0″E
(1(9)99 Tokyo; Jpn CH W1240)

97382 2Ed. 9/6/97 LAST NM 4/03 42/03
Change Visibility (range) of light to 7M
32° 11′ 48.2″N 130° 21′ 39.8″E
(35(1353)03 Tokyo)

97382 2Ed. 9/6/97 LAST NM 42/03 42/04
Delete Dotted-line circle and legend "Fishing Reef"
32° 12′ 23.8″N 130° 22′ 31.8″E

Add Fish haven area [K46.1] bound by dotted line
(limiting danger line) joining
32° 12′ 50.9″N 130° 22′ 47.2″E
32° 12′ 57.0″N 130° 22′ 44.5″E
32° 12′ 54.0″N 130° 22′ 36.0″E
32° 12′ 48.0″N 130° 22′ 30.5″E
32° 12′ 42.5″N 130° 22′ 35.0″E
32° 12′ 43.5″N 130° 22′ 37.8″E
32° 12′ 49.0″N 130° 22′ 42.0″E
and legend "The depth in the fish haven area is
about 2m to 6m shallower than charted" within
above area

Fish haven symbol [K46.1] with legend
"(11.7)" 32° 12′ 52.0″N 130° 22′ 40.4″E

Fish haven area [K46.1] bound by dotted line
(limiting danger line) joining
32° 12′ 20.1″N 130° 22′ 37.8″E
32° 12′ 22.8″N 130° 22′ 38.0″E
32° 12′ 22.2″N 130° 22′ 14.0″E
32° 12′ 16.1″N 130° 22′ 07.9″E
32° 12′ 10.8″N 130° 22′ 07.9″E
32° 12′ 12.0″N 130° 22′ 14.2″E
32° 12′ 20.2″N 130° 22′ 24.5″E
and legend "The depth in the fish haven area is
about 2m to 6m shallower than charted" within
above area
(35(903)04 Tokyo)

97382 2Ed. 9/6/97 LAST NM 42/04 24/06
Add Fish haven symbol [K46.1] 32° 11′ 14.0″N 130° 21′ 56.0″E
Fish haven symbol [K46.1] 32° 11′ 09.0″N 130° 21′ 56.0″E
(18(547)06 Tokyo)

★97384 5Ed. 7/21/06 NEW EDITION 45/06
(NGA)

97384 5Ed. 7/21/06 LAST NM 45/06 47/06
Change Visibility (range) of light to 3M
32° 12′ 28.0″N 130° 04′ 03.0″E

Add Beacon Fl(2) 5s 7m 3M 32° 10′ 08.0″N 129° 57′ 42.0″E
(34(1004, 1006)06 Tokyo)

97384 5Ed. 7/21/06 LAST NM 47/06 18/08
Relocate Buoy from 32° 12′ 06.0″N 130° 03′ 40.0″E to
32° 12′ 08.0″N 130° 03′ 41.0″E
(49(1642)07 Tokyo)

97384 5Ed. 7/21/06 LAST NM 18/08 44/09
Change Light to Fl R 3s 13m 5M 32° 11′ 36.0″N 130° 01′ 54.0″E
(39(1660)09 Tokyo)

97384 5Ed. 7/21/06 LAST NM 44/09 46/09
Delete Light 32° 15′ 13.4″N 130° 06′ 00.5″E

Add Buoy Y, conical, (Y Lt) 32° 08′ 51.6″N 130° 02′ 48.8″E
(39(1661, 1662)09 Tokyo)

97384 5Ed. 7/21/06 LAST NM 46/09 15/10
Delete Light (Fl R) 32° 11′ 46.0″N 130° 00′ 43.0″E
(9(350)10 Tokyo)

★97385 11Ed. 10/14/06 NEW EDITION 7/07
Change Light to Fl G 4s 11m 3M 32° 24′ 20″N 130° 20′ 34″E
(Previously published 44/06)

Visibility (range) of light to 7/3M
32° 31′ 03″N 130° 11′ 46″E
(Previously published 49/06)

Visibility (range) of light to 4M
32° 31′ 28″N 130° 22′ 24″E
(Previously published 51/06)
(NGA)

97385 11Ed. 10/14/06 LAST NM 7/07 9/07
Change Visibility (range) of light to 7M
33° 00′ 16″N 130° 23′ 32″E
(48(1428)06 Tokyo)

97385 11Ed. 10/14/06 LAST NM 9/07 11/08
Add Fish haven symbol [K46.1] 32° 43′ 38″N 129° 58′ 45″E
(52(1772)07 Tokyo)

97385 11Ed. 10/14/06 LAST NM 11/08 17/08
Relocate Buoy from 32° 45′ 05″N 129° 57′ 54″E to
32° 45′ 09″N 129° 57′ 54″E
(51(1729)07 Tokyo)

97385 11Ed. 10/14/06 LAST NM 17/08 25/08
Add Fish haven symbol [K46.1] 32° 37′ 41″N 130° 16′ 55″E
Fish haven symbol [K46.1] 32° 40′ 31″N 130° 21′ 40″E
(20(672, 673)08 Tokyo)

97385 11Ed. 10/14/06 LAST NM 25/08 28/08
Change Visibility (range) of light to 11M
32° 36′ 19″N 130° 19′ 52″E
(20(671)08 Tokyo)

97385 11Ed. 10/14/06 LAST NM 28/08 25/09
Change Light to Fl 3s 14m 7M 32° 48′ 02″N 130° 36′ 13″E
Light to Oc 4s 13m 12M 33° 08′ 34″N 130° 19′ 34″E
Visibility (range) of light to 5M
33° 10′ 01″N 130° 16′ 39″E

Add Fish haven symbol [K46.1] 32° 43′ 48″N 129° 58′ 47″E
(10(410), 12(488), 16(675), 20(841)09 Tokyo)

97385 11Ed. 10/14/06 LAST NM 25/09 44/09
Change Light to Fl G 5s 13m 3M 32° 33′ 00″N 130° 27′ 00″E
Visibility (range) of beacon to 5M
32° 34′ 27″N 130° 06′ 44″E
Visibility (range) of beacon to 3M
32° 33′ 39″N 130° 06′ 28″E
Visibility (range) of beacon to 3M
32° 32′ 49″N 130° 06′ 18″E
(39(1658, 1659)09 Tokyo)

97385 11Ed. 10/14/06 LAST NM 44/09 1/10
Change Light to Fl G 3s 14m 3M 32° 28′ 13″N 130° 26′ 18″E
Light to Fl(2) R 6s 5M 32° 23′ 09″N 130° 24′ 35″E
(Jpn LL)

97385 11Ed. 10/14/06 LAST NM 1/10 7/10
Change Visibility (range) of beacon to 3M
32° 25′ 03″N 130° 12′ 58″E
(48(2041)09 Tokyo)

97385 11Ed. 10/14/06 LAST NM 7/10 11/10
Change Light to Fl 4s 7M 32° 34′ 34″N 130° 29′ 19″E
(4(148)10 Tokyo)

97385 11Ed. 10/14/06 LAST NM 11/10 50/11
Change Visibility (range) of light to 5M
32° 46′ 47″N 130° 22′ 56″E
Visibility (range) of light to 12M
32° 37′ 30″N 130° 26′ 39″E
(46(1567, 1568)11 Tokyo)

★**97386** 6Ed. 7/26/97 NEW EDITION 51/97
Delete Position circle "Lt" 33° 00′ 56″N 130° 25′ 28″E
(NIMA; 30(1371)97 Tokyo)

97386 6Ed. 7/26/97 LAST NM 51/97 46/99
Add Position circle "Pile" [F22] 33° 01′ 35.1″N 130° 24′ 49.1″E
(40(1636)99 Tokyo)

97386 6Ed. 7/26/97 LAST NM 46/99 9/07
Change Visibility (range) of light to 7M
33° 00′ 16.0″N 130° 23′ 32.0″E
(48(1428)06 Tokyo)

97386 6Ed. 7/26/97 LAST NM 9/07 40/09
Delete Buoy (mooring) "3" 33° 00′ 40.5″N 130° 24′ 59.5″E
Buoy (mooring) "6" 33° 00′ 33.0″N 130° 25′ 05.0″E
(Jpn CH W189)

★**97387** 3Ed. 9/16/06 NEW EDITION 3/07
Change Light to Fl G 4s 11m 3M 32° 24′ 20.0″N 130° 20′ 34.0″E
(Previously published 44/06)
(NGA; 34(1003)06 Tokyo)

97387 3Ed. 9/16/06 LAST NM 3/07 32/08
Add Buoy "D" G, pillar, can topmark, Fl G 4s
32° 22′ 05.0″N 130° 14′ 55.0″E
Buoy "No 2" R, pillar, conical topmark, Fl R 4s
32° 21′ 30.0″N 130° 14′ 31.0″E
Buoy "No 1" G, pillar, can topmark, Fl G 4s
32° 21′ 25.0″N 130° 14′ 27.0″E
Buoy "A" R, pillar, conical topmark, Fl R 4s
32° 20′ 16.0″N 130° 13′ 39.0″E
(24(845)08 Tokyo)

97387 3Ed. 9/16/06 LAST NM 32/08 36/09
Add Buoy "C" G, pillar, can topmark, Fl G 4s
32° 22′ 16.0″N 130° 14′ 34.0″E
Buoy "No 4" R, pillar, cone topmark, Fl R 4s
32° 21′ 41.0″N 130° 14′ 10.0″E
Buoy "No 3" G, pillar, can topmark, Fl G 4s
32° 21′ 35.0″N 130° 14′ 06.0″E
Buoy "B" R, pillar, cone topmark, Fl R 4s
32° 20′ 27.0″N 130° 13′ 18.0″E
(17(716)09 Tokyo)

97387 3Ed. 9/16/06 LAST NM 36/09 44/09
Change Visibility (range) of light to 5M
32° 17′ 58.0″N 130° 26′ 45.8″E
(40(1709)09 Tokyo)

97387 3Ed. 9/16/06 LAST NM 44/09 1/10
Change Light to Fl G 3s 14m 3M 32° 28′ 13″N 130° 26′ 18″E
Light to Fl(2) R 6s 10m 5M 32° 23′ 09″N 130° 24′ 34″E
Light to Fl G 3s 12m 3M 32° 14′ 25″N 130° 25′ 52″E
(Jpn LL)

97387 3Ed. 9/16/06 LAST NM 1/10 7/10
Change Visibility (range) of beacon to 3M
32° 25′ 03″N 130° 12′ 58″E
(48(2041)09 Tokyo)

★**97389** 2Ed. 8/16/03 NEW EDITION 45/03
Change Visibility (range) of light to 3M
32° 35′ 41.5″N 130° 28′ 27.5″E
(NIMA; 35(1352)03 Tokyo)

97389 2Ed. 8/16/03 LAST NM 45/03 47/03
Change Light to Fl 3s 12m 3M 32° 34′ 29.0″N 130° 27′ 31.0″E
(37(1424)03 Tokyo)

97389 2Ed. 8/16/03 LAST NM 47/03 3/05
Change Buoy to YBY, pillar, double cone topmark
points together, Q(9) 15s [Q130.3]
32° 34′ 41.1″N 130° 29′ 04.7″E
(47(1216)04 Tokyo)

97389 2Ed. 8/16/03 LAST NM 3/05 14/05
Add Fish haven symbol [K46.1] 32° 38′ 46.0″N 130° 27′ 23.0″E
(6(167)05 Tokyo)

97389 2Ed. 8/16/03 LAST NM 14/05 11/10
Change Light to Fl 4s 33m 7M 32° 34′ 35.0″N 130° 29′ 18.7″E
(4(148)10 Tokyo)

97389 2Ed. 8/16/03 LAST NM 11/10 50/11
Change Visibility (range) of light to 12M
32° 37′ 30.9″N 130° 26′ 38.8″E
(46(1568)11 Tokyo)

★**97390** 6Ed. 12/20/08 NEW EDITION N13/09
Change Chart title in right lower margin of chart to
"Matsushima-suido to Hayasaki-seto"

Visibility (range) of light to 7/3M
32° 42′ 19″N 129° 54′ 57″E

(Plan)
Delete Legend "NAGASAKI" 32° 42′ 27.5″N 129° 54′ 34.0″E

Change Visibility (range) of light to 7/3M
32° 42′ 19.9″N 129° 54′ 57.9″E
(NGA; Jpn LL)

97390 6Ed. 12/20/08 LAST NM N13/09 N14/09
Delete Submarine cable between 32° 55′ 16″N 129° 36′ 03″E
32° 55′ 42″N 129° 34′ 28″E
(Jpn CH 1232)

97390 6Ed. 12/20/08 LAST NM N14/09 N25/09
Add Fish haven symbol [K46.1] 32° 43′ 48″N 129° 58′ 47″E
(20(841)09 Tokyo)

97390 6Ed. 12/20/08 LAST NM N25/09 N34/09
Delete Light 32° 42′ 53″N 129° 49′ 01″E

Add Light Iso G 4s 15m 5M 32° 42′ 53″N 129° 48′ 34″E
(21(888)09 Tokyo)

97390 6Ed. 12/20/08 LAST NM N34/09 N44/09
Change Visibility (range) of beacon to 5M
32° 34′ 27″N 130° 06′ 44″E
Visibility (range) of beacon to 3M
32° 33′ 36″N 130° 06′ 28″E
Visibility (range) of beacon to 3M
32° 32′ 49″N 130° 06′ 18″E
(39(1659)09 Tokyo)

97390 6Ed. 12/20/08 LAST NM N44/09 N47/09
Change Light to Fl R 3s 11m 3M 32° 47′ 09″N 129° 47′ 19″E
(33(1428)09 Tokyo)

97390 6Ed. 12/20/08 LAST NM N47/09 N2/10
Change Height of light to 10m 32° 28′ 35″N 130° 01′ 59″E
(30(1301)09 Tokyo)

97390 6Ed. 12/20/08 LAST NM N2/10 N6/12
Change Beacon to BRB, double ball topmark,
Fl(2) 5s 16m 7M 32° 42′ 42″N 129° 46′ 56″E
(47(1610)11 Tokyo; Jpn CH 203)

★97391 27Ed. 9/23/06 NEW EDITION 4/07
(NGA)

97391 27Ed. 9/23/06 LAST NM 4/07 38/07
Add Fish haven symbol [K46] 32° 41′ 44.0″N 129° 48′ 23.0″E
(28(929)07 Tokyo)

97391 27Ed. 9/23/06 LAST NM 38/07 15/08
Delete Rock awash 32° 42′ 29.1″N 129° 49′ 46.7″E
Depth 0.1 meter, rock 32° 42′ 28.9″N 129° 49′ 46.0″E
Depth 4.1 meters 32° 41′ 36.5″N 129° 48′ 33.3″E
Depth 2.8 meters 32° 41′ 39.0″N 129° 48′ 36.1″E
Depth 8.7 meters 32° 41′ 57.9″N 129° 48′ 55.0″E
Depth 1.3 meters 32° 41′ 57.7″N 129° 48′ 53.0″E
Depth 2 meters 32° 41′ 56.8″N 129° 48′ 56.9″E
Depth 8.8 meters 32° 41′ 57.2″N 129° 48′ 57.9″E
Depth 10.1 meters, rock 32° 41′ 59.1″N 129° 48′ 58.0″E
Depth 6.6 meters, sand 32° 42′ 00.8″N 129° 48′ 58.3″E
Depth 4.6 meters 32° 42′ 02.2″N 129° 48′ 57.5″E
Depth 11.1 meters 32° 41′ 25.5″N 129° 50′ 01.2″E
Depth 6 meters 32° 41′ 25.2″N 129° 50′ 04.7″E
Depth 6.4 meters 32° 41′ 20.0″N 129° 50′ 10.6″E

Tower symbol and legend "(54)"
32° 41′ 28.4″N 129° 49′ 54.0″E

Substitute Dashed line (submerged jetty) [Fb] for
solid line joining 32° 42′ 12.8″N 129° 49′ 41.9″E
32° 42′ 13.0″N 129° 49′ 42.5″E
32° 42′ 12.3″N 129° 49′ 42.6″E
and delete land tint

Double dashed line (submerged jetty) [Fb] for
double solid line between 32° 41′ 23.8″N 129° 50′ 04.0″E
32° 41′ 26.3″N 129° 50′ 03.0″E
and delete land tint

Double dashed line (submerged jetty) [Fb] for
double solid line between 32° 41′ 18.6″N 129° 50′ 10.0″E
32° 41′ 20.5″N 129° 50′ 09.3″E
and delete land tint

Dashed line (submerged jetty) [Fb] for
solid line in vicinity 32° 41′ 21.0″N 129° 50′ 09.2″E
and delete land tint

Add Foul ground symbol [K31] 32° 42′ 11.0″N 129° 49′ 45.3″E

Land tint to area bound by shore and solid line
[F13] between 32° 42′ 27.5″N 129° 49′ 46.0″E
32° 42′ 27.3″N 129° 49′ 47.2″E

Double solid line with land tint (breakwater)
[F4.1] between 32° 41′ 36.5″N 129° 48′ 33.3″E
32° 41′ 39.3″N 129° 48′ 37.2″E

Land tint to area bound by shore and solid line
[F13] joining 32° 41′ 55.6″N 129° 48′ 53.2″E
32° 41′ 56.5″N 129° 48′ 53.2″E
32° 42′ 00.0″N 129° 48′ 57.3″E
32° 42′ 01.8″N 129° 48′ 57.3″E
32° 42′ 01.8″N 129° 48′ 57.7″E
32° 42′ 59.5″N 129° 48′ 57.7″E
32° 41′ 59.2″N 129° 48′ 58.5″E
32° 41′ 56.9″N 129° 48′ 56.1″E
32° 41′ 55.5″N 129° 48′ 56.6″E
(52(1748)07 Tokyo)

97391 27Ed. 9/23/06 LAST NM 15/08 16/08
Delete Buoy (mooring) 32° 43′ 56.0″N 129° 51′ 48.0″E
Buoy (mooring) 32° 43′ 55.0″N 129° 51′ 47.0″E
Buoy (mooring) 32° 43′ 31.0″N 129° 50′ 57.0″E
(2(57)08 Tokyo)

97391 27Ed. 9/23/06 LAST NM 16/08 19/08
Add Fish haven symbol [K46.1] 32° 44′ 27.1″N 129° 49′ 32.8″E
(13(388)08 Tokyo)

97391 27Ed. 9/23/06 LAST NM 19/08 22/08
Delete Buoy (mooring) "MC" 32° 44′ 28.0″N 129° 51′ 45.0″E
Buoy (mooring) "MD" 32° 44′ 39.0″N 129° 51′ 50.0″E

Relocate Buoy (mooring) "No 1" from
32° 44′ 06.0″N 129° 51′ 42.0″E to
32° 44′ 11.2″N 129° 51′ 43.9″E
Buoy (mooring) "No 2" from
32° 44′ 17.0″N 129° 51′ 47.0″E to
32° 44′ 25.8″N 129° 51′ 46.2″E
Buoy (mooring) "No 3" from
32° 44′ 23.0″N 129° 51′ 49.0″E to
32° 44′ 35.6″N 129° 51′ 48.0″E
(16(500)08 Tokyo)

97391 27Ed. 9/23/06 LAST NM 22/08 25/08
Add Fish haven symbol [K46.1] 32° 43′ 10.5″N 129° 49′ 03.3″E
(19(613)08 Tokyo)

97391 27Ed. 9/23/06 LAST NM 25/08 34/09
Delete Light 32° 42′ 59.2″N 129° 48′ 35.2″E
Light 32° 42′ 57.3″N 129° 48′ 34.8″E
Light 32° 42′ 56.0″N 129° 48′ 34.4″E
Light 32° 42′ 54.8″N 129° 48′ 34.0″E
Light 32° 42′ 53.5″N 129° 48′ 33.8″E

Change Light to (G Lt) 32° 42′ 52.8″N 129° 49′ 01.3″E
Light to Iso G 4s 15m 5M 32° 42′ 52.5″N 129° 48′ 33.2″E
(21(888)09 Tokyo)

★97392 5Ed. 2/15/97 NEW EDITION 16/97
Change Height of light to 14m 32° 49′ 38″N 129° 02′ 54″E
Characteristic of light to F Fl G 32° 50′ 46″N 129° 03′ 50″E
(NIMA; Jpn LL)

97392 5Ed. 2/15/97 LAST NM 16/97 20/97
Add Light Fl(2) R 6s 15m 8M 33° 15′ 21″N 129° 08′ 01″E
(11(477)97 Tokyo)

97392 5Ed. 2/15/97 LAST NM 20/97 21/97
Change Period of light to 20s 32° 34.0′ N 128° 54.3′ E

Add Solid line (breakwater) between
32° 45′ 22″N 128° 58′ 09″E
32° 45′ 22″N 128° 58′ 04″E

Light Fl G 3s 8m 3M 32° 45′ 22″N 128° 58′ 04″E

Submarine cable joining 32° 51′ 47″N 129° 03′ 58″E
32° 50′ 24″N 129° 04′ 54″E
32° 50′ 12″N 129° 06′ 48″E
32° 50′ 38″N 129° 07′ 47″E
32° 52′ 05″N 129° 09′ 35″E
32° 52′ 31″N 129° 11′ 21″E
32° 52′ 47″N 129° 11′ 59″E
32° 53′ 26″N 129° 12′ 46″E
32° 55′ 00″N 129° 14′ 08″E
32° 57′ 41″N 129° 14′ 14″E
32° 58′ 43″N 129° 14′ 51″E
(12(511-513)97 Tokyo)

97392 5Ed. 2/15/97 LAST NM 21/97 48/97
Add Beacon G, can topmark, Fl G 3s 8m 3M
32° 45′ 12″N 128° 49′ 54″E
(24(1087)97 Tokyo)

97392 5Ed. 2/15/97 LAST NM 48/97 17/98
Delete Submarine cable joining 32° 34.3′ N 128° 54.4′ E
32° 34.4′ N 128° 54.9′ E
32° 35.1′ N 128° 55.7′ E
32° 35.5′ N 128° 55.4′ E
(44(1926)97 Tokyo)

97392 5Ed. 2/15/97 LAST NM 17/98 1/99
Substitute Disused submarine cable for
submarine cable between 32° 47.0′ N 128° 40.0′ E
32° 48.2′ N 128° 40.8′ E
(46(2007)97 Tokyo)

97392 5Ed. 2/15/97 LAST NM 1/99 5/99
Add Submarine pipeline with legend "Water"
joining 33° 11′ 42″N 129° 05′ 33″E
33° 11′ 48″N 129° 05′ 56″E
33° 11′ 22″N 129° 07′ 28″E
(48(1991)98 Tokyo)

97392 5Ed. 2/15/97 LAST NM 5/99 21/99
Add Wreck 32° 50′ 36″N 129° 07′ 14″E
(11(478)99 Tokyo)

97392 5Ed. 2/15/97 LAST NM 21/99 38/99
Add R Bn 32° 37′ 01″N 128° 36′ 21″E
(13(22)98 Tokyo; BA RA)

97392 5Ed. 2/15/97 LAST NM 38/99 41/99
Delete Light (Fl G 3s) 32° 41′ 32″N 128° 51′ 13″E
(15(650)98 Tokyo)

97392 5Ed. 2/15/97 LAST NM 41/99 21/01
Delete Light 32° 59′ 56″N 129° 14′ 18″E

Add Light Fl R 3s 17m 6M 32° 59′ 53″N 129° 14′ 02″E
(17(719)99 Tokyo; Jpn LL)

97392 5Ed. 2/15/97 LAST NM 21/01 23/01
Substitute Disused submarine cable [L32] for
submarine cable in vicinity 33° 15′ 18″N 129° 05′ 04″E
Disused submarine cables (2) [L32] for
submarine cables (2) in vicinity 33° 14′ 42″N 129° 05′ 05″E
Disused submarine cable [L32] for
submarine cable in vicinity 33° 12′ 54″N 129° 04′ 26″E
Disused submarine cable [L32] for
submarine cable in vicinity 33° 12′ 54″N 129° 04′ 36″E
Disused submarine cable [L32] for
submarine cable in vicinity 33° 11′ 00″N 129° 03′ 12″E
Disused submarine cable [L32] for
submarine cable in vicinity 33° 11′ 06″N 129° 02′ 04″E
Disused submarine cable [L32] for
submarine cable in vicinity 33° 13′ 22″N 129° 06′ 52″E
Disused submarine cable [L32] for
submarine cable in vicinity 33° 07′ 12″N 129° 04′ 52″E
Disused submarine cable [L32] for
submarine cable in vicinity 33° 07′ 12″N 129° 05′ 06″E
Disused submarine cable [L32] for
submarine cable in vicinity 32° 59′ 52″N 129° 11′ 45″E
Disused submarine cable [L32] for
submarine cable in vicinity 32° 59′ 24″N 129° 12′ 22″E
Disused submarine cable [L32] for
submarine cable in vicinity 33° 02′ 12″N 129° 10′ 52″E
Disused submarine cable [L32] for
submarine cable in vicinity 32° 55′ 12″N 129° 09′ 52″E

Add Light Fl G 3s 10m 3M 32° 59′ 20″N 129° 06′ 26″E

Solid line (breakwater) joining 32° 59′ 20″N 129° 06′ 26″E
32° 59′ 23″N 129° 06′ 33″E
32° 59′ 18″N 129° 06′ 43″E
(39(1409), 40(1443), 44(1588)00 Tokyo)

97392 5Ed. 2/15/97 LAST NM 23/01 39/01
Change Light to Fl R 3s 12m 6M 32° 49′ 23″N 128° 56′ 16″E
(1(14)01 Tokyo)

97392 5Ed. 2/15/97 LAST NM 39/01 49/01
Change Light to Fl(2) G 6s 14m 8M 32° 42′ 00″N 128° 51′ 22″E
(42(1586)01 Tokyo)

97392 5Ed. 2/15/97 LAST NM 49/01 52/01
Change Visibility (range) of light to 6M
32° 42′ 00″N 128° 51′ 22″E
(See 49/01-97392)
(47(1778)01 Tokyo)

97392 5Ed. 2/15/97 LAST NM 52/01 21/02
Change Light to Oc(2) 12s 107m 13M & F
32° 47′ 47″N 128° 48′ 33″E
(15(535)02 Tokyo)

97392 5Ed. 2/15/97 LAST NM 21/02 1/03
Change Visibility (range) of light to 11M
32° 55′ 12″N 128° 55′ 48″E
(45(1550)02 Tokyo)

97392 5Ed. 2/15/97 LAST NM 1/03 21/03
Change Visibility (range) of light to 6M
32° 37′ 26″N 128° 46′ 21″E
(17(720)99 Tokyo)

97392 5Ed. 2/15/97 LAST NM 21/03 23/03
Delete Light 32° 53′ 31″N 129° 05′ 16″E

Add Light Fl R 3s 17m 5M 32° 53′ 39″N 129° 05′ 26″E
(14(500)03 Tokyo)

97392 5Ed. 2/15/97 LAST NM 23/03 26/03
Change Visibility (range) of light to 4M
32° 37′ 26″N 128° 46′ 21″E
(Supersedes 21/03-97392)
(17(645)03 Tokyo)

97392 5Ed. 2/15/97 LAST NM 26/03 33/03
Add Depth 34 meters 33° 20′ 18″N 129° 09′ 06″E
Depth 34 meters 33° 20′ 06″N 129° 09′ 12″E
(26(1001)03 Tokyo)

97392 5Ed. 2/15/97 LAST NM 33/03 38/03
Delete Depth 34 meters 33° 20′ 18″N 129° 09′ 06″E
Depth 34 meters 33° 20′ 06″N 129° 09′ 12″E
(See 33/03-97392)

Add Depth 34 meters R 33° 20′ 58″N 129° 08′ 21″E
Depth 34 meters R 33° 20′ 46″N 129° 08′ 29″E
(32(1239)03 Tokyo)

97392 5Ed. 2/15/97 LAST NM 38/03 33/04
Delete Light 32° 49′ 23″N 128° 56′ 16″E
(12(317)04 Tokyo)

97392 5Ed. 2/15/97 LAST NM 33/04 52/04
Add Submarine cable (power) [L31.1] joining
32° 53′ 11″N 129° 14′ 51″E
32° 52′ 42″N 129° 13′ 00″E
32° 51′ 26″N 129° 09′ 09″E
32° 51′ 03″N 129° 08′ 42″E
32° 50′ 22″N 129° 08′ 20″E
32° 49′ 42″N 129° 06′ 52″E
32° 49′ 46″N 129° 05′ 06″E
32° 49′ 34″N 129° 04′ 30″E
32° 49′ 40″N 129° 03′ 53″E
(43(1112)04 Tokyo)

97392 5Ed. 2/15/97 LAST NM 52/04 15/05
Add Submarine pipeline (water) [L41.1] between
33° 13′ 03″N 129° 04′ 08″E
33° 12′ 39″N 129° 04′ 22″E
(8(241)05 Tokyo)

97392 5Ed. 2/15/97 LAST NM 15/05 20/05
Delete Light 32° 34′ 42″N 128° 46′ 39″E

Add Light Fl(2) G 6s 13m 5M 32° 34′ 45″N 128° 46′ 43″E
(50(1308)04 Tokyo)

97392 5Ed. 2/15/97 LAST NM 20/05 6/06
Add Submarine cable [L30.1] joining
33° 03′ 24″N 128° 31′ 21″E
33° 12′ 18″N 128° 39′ 00″E
33° 14′ 06″N 128° 43′ 48″E
33° 22′ 13″N 128° 53′ 33″E
(45(1824)99 Tokyo)

97392 5Ed. 2/15/97 LAST NM 6/06 20/06
Delete Submarine cables (2) in vicinity
32° 53′ 48″N 129° 02′ 12″E
(50(1515)05 Tokyo)

97392 5Ed. 2/15/97 LAST NM 20/06 28/06
Add Fish haven symbol [K46.1] 32° 57′ 23″N 129° 10′ 31″E
(23(680)06 Tokyo)

97392 5Ed. 2/15/97 LAST NM 28/06 32/06
Change Visibility (range) of light to 5M
33° 15′ 20″N 129° 08′ 02″E
(15(460)06 Tokyo)

97392 5Ed. 2/15/97 LAST NM 32/06 42/06
Change Visibility (range) of light to 4M
33° 15′ 36″N 129° 07′ 54″E
Light to Fl R 3s 11m 3M 33° 15′ 08″N 129° 05′ 31″E
(47(1411)05 Tokyo)

97392 5Ed. 2/15/97 LAST NM 42/06 6/07
Change Visibility (range) of light to 5M
33° 16′ 21″N 129° 09′ 28″E
(47(1405)06 Tokyo)

97392 5Ed. 2/15/97 LAST NM 6/07 16/08
Change Light to Fl 3s 40m 5M 33° 02′ 45″N 129° 04′ 06″E
Light to Fl R 3s 16m 3M 32° 50′ 50″N 129° 03′ 43″E
Light to Fl G 3s 16m 3M 32° 50′ 48″N 129° 03′ 52″E
Light to Fl(2) R 6s 11m 3M 32° 50′ 22″N 129° 03′ 54″E
Light to Fl(2) G 6s 15m 3M 32° 50′ 21″N 129° 03′ 55″E
(8(256, 257)08 Tokyo; Jpn LL)

97392 5Ed. 2/15/97 LAST NM 16/08 30/08
Delete Light 32° 41′ 48″N 128° 51′ 12″E

Change Light to Fl 3s 24m 5M 32° 47′ 04″N 128° 39′ 52″E
Light to Iso 6s 35m 4M 32° 59′ 24″N 129° 06′ 55″E
Visibility (range) of light to 4M
33° 00′ 15″N 129° 05′ 41″E
Light to Fl 3s 119m 5M 33° 09′ 39″N 129° 06′ 45″E

Add Light Fl(2) R 6s 12m 3M 32° 42′ 02″N 128° 51′ 14″E
(20(675, 677, 678)08 Tokyo)

97392 5Ed. 2/15/97 LAST NM 30/08 38/08
Change Light to Fl R 3s 12m 3M 32° 38′ 40″N 128° 48′ 51″E
Light to Fl R 3s 15m 3M 32° 36′ 13″N 128° 44′ 16″E
(20(674)08 Tokyo; Jpn LL)

97392 5Ed. 2/15/97 LAST NM 38/08 17/09
Delete Disused submarine cable between
33° 00′ 08″N 129° 08′ 47″E
33° 03′ 22″N 129° 14′ 51″E
(NTM0021/2009)

97392 5Ed. 2/15/97 LAST NM 17/09 25/09
Change Light to Fl 3s 29m 12M, F 33° 18′ 05″N 129° 07′ 30″E
(14(584)09 Tokyo)

97392 5Ed. 2/15/97 LAST NM 25/09 34/09
Add Fish haven symbol [K46.1] 32° 52′ 34″N 128° 55′ 21″E
Fish haven symbol [K46.1] 32° 52′ 51″N 128° 55′ 28″E
Fish haven symbol [K46.1] 32° 50′ 48″N 128° 53′ 57″E
(21(889, 890)09 Tokyo)

97392 5Ed. 2/15/97 LAST NM 34/09 4/10
Change Light to Fl 3s 70m 5M 33° 18′ 10″N 129° 10′ 12″E
Light to Fl 4s 16m 5M 32° 56′ 05″N 129° 06′ 55″E
(9(365)09 Tokyo; Jpn LL)

97392 5Ed. 2/15/97 LAST NM 4/10 37/10
Change Visibility (range) of light to 3M
33° 14′ 05″N 129° 05′ 39″E
(23(943)10 Tokyo)

97392 5Ed. 2/15/97 LAST NM 37/10 39/10
Change Light to Fl 3s 54m 5M 32° 59′ 58″N 129° 13′ 21″E
(14(561)10 Tokyo)

97392 5Ed. 2/15/97 LAST NM 39/10 6/12
Delete Light (Fl(2) R) 32° 50′ 22″N 129° 03′ 54″E

Change Visibility (range) of light to 5M
32° 40′ 53″N 128° 38′ 03″E
Visibility (range) of light to 5M
32° 51′ 42″N 128° 52′ 20″E
Visibility (range) of light to 7M
33° 14′ 32″N 129° 11′ 07″E
(47(1609, 1611, 1612)11 Tokyo)

★97396 14Ed. 8/30/97 NEW EDITION 46/97
Delete Legend "PA" from wreck 32° 43.3′ N 129° 32.2′ E

Substitute Fish haven symbol for depth 49 meters
33° 32.3′ N 129° 45.1′ E
and delete foul ground symbol close S

Dotted line (limiting danger line) for
depth contour (10-meter) joining 33° 13.7′ N 129° 22.7′ E
33° 13.8′ N 129° 22.4′ E
33° 14.0′ N 129° 22.6′ E
33° 13.9′ N 129° 22.9′ E

Change Legend "(24)" to "(2.4)" 33° 22.6′ N 129° 29.8′ E

Light to
Iso G 6s 9m 6M 33° 10.0′ N 129° 38.5′ E
Fl G 3s 15m 12M 33° 12.4′ N 129° 27.4′ E
Fl R 3s 9m 6M 33° 25.6′ N 129° 31.1′ E

Period of light to 5s 33° 25.4′ N 129° 42.6′ E
33° 09.6′ N 129° 06.8′ E

Caution note to
"CAUTIONS
1. Detailed information has been omitted or generalized in areas covered by larger scale charts. In such areas, only the principal aids to navigation are maintained by Notice to Mariners.
2. Differences in latitude and longitude may exist between this and other charts of the area; therefore, the transfer of positions from one chart to another should be done by bearings and distances from common features."
33° 11.3′ N 129° 45.2′ E

Add Islet with legend "(4)", radius 0.07
mile, centered 33° 08′ 35″N 129° 29′ 59″E

Dotted line (limiting danger line)
between 33° 13′ 52″N 129° 22′ 50″E
33° 13′ 42″N 129° 22′ 41″E

Dashed line (overhead power cable)
"(38)" between 32° 55′ 37″N 129° 37′ 27″E
32° 55′ 35″N 129° 38′ 03″E

Stranded wreck 32° 59′ 06″N 129° 20′ 48″E
Depth 16.1 meters, R shells 33° 01′ 37″N 129° 24′ 12″E
Danger circle "Wavemeter" 32° 43′ 00″N 129° 45′ 13″E

Submarine cable joining 32° 42′ 51″N 129° 45′ 48″E
32° 43′ 02″N 129° 45′ 36″E
32° 43′ 00″N 129° 45′ 13″E

Fish haven symbol 33° 24′ 46″N 129° 26′ 45″E
33° 31′ 40″N 129° 47′ 19″E
33° 35′ 01″N 129° 48′ 06″E

Legend "(R Lt)" to buoy (wavemeter)
32° 56′ 38″N 129° 35′ 10″E

Vertical clearance 29 meters to
bridge 33° 21′ 07″N 129° 26′ 26″E
(NIMA; GIMM053/97)

97396 14Ed. 8/30/97 LAST NM 46/97 49/97
Add Fish haven symbol 33° 00′ 13″N 129° 38′ 23″E
(43(1889)97 Tokyo)

97396 14Ed. 8/30/97 LAST NM 49/97 6/98
Change Characteristic of light to Fl 4s 33° 19.9′ N 129° 33.7′ E
(38(1694)97 Tokyo)

97396 14Ed. 8/30/97 LAST NM 6/98 9/98
Delete Submarine cable in vicinity 32° 53.9′ N 129° 37.9′ E
(41(1800)97 Tokyo)

97396 14Ed. 8/30/97 LAST NM 9/98 13/98
Add Double dashed line with land tint
(bridge under construction) between
33° 02′ 16″N 129° 38′ 14″E
33° 02′ 14″N 129° 38′ 49″E
(3(105)98 Tokyo)

97396 14Ed. 8/30/97 LAST NM 13/98 14/98
Delete Dangerous wreck 33° 22′ 00″N 129° 33′ 54″E
(5(232)98 Tokyo)

97396 14Ed. 8/30/97 LAST NM 14/98 28/98
Add Fish haven symbol 33° 23′ 24″N 129° 36′ 12″E
(21(888)98 Tokyo)

97396 14Ed. 8/30/97 LAST NM 28/98 38/98
Add Fish haven symbol 33° 01′ 21″N 129° 32′ 26″E
(23(978)98 Tokyo)

97396 14Ed. 8/30/97 LAST NM 38/98 52/98
Add Depth
18.4 meters Rk 33° 04′ 01″N 129° 23′ 01″E
19.7 meters Rk 33° 04′ 05″N 129° 29′ 17″E
(34(1447)98 Tokyo)

97396 14Ed. 8/30/97 LAST NM 52/98 2/99
Add Wreck 33° 07′ 24″N 129° 30′ 40″E
(40(1689)98 Tokyo)

97396 14Ed. 8/30/97 LAST NM 2/99 5/99
Add Submarine pipeline with legend "Water"
joining 33° 11′ 42″N 129° 05′ 33″E
33° 11′ 48″N 129° 05′ 56″E
33° 11′ 22″N 129° 07′ 27″E
(48(1991)98 Tokyo)

97396 14Ed. 8/30/97 LAST NM 5/99 20/99
Add Beacon BRB, double ball topmark,
Fl(2) 5s 14m 6M 33° 28′ 37″N 129° 46′ 56″E
(7(303)98 Tokyo; Jpn LL)

97396 14Ed. 8/30/97 LAST NM 5/99 21/99
Delete Depth 17 meters 33° 02′ 30″N 129° 38′ 42″E
33° 01′ 06″N 129° 38′ 33″E

Substitute Depth
29 meters Wk for wreck 32° 44′ 19″N 129° 44′ 55″E
2.4 meters for 3.9 meters 33° 01′ 57″N 129° 38′ 18″E

Add Depth
9.3 meters 33° 02′ 46″N 129° 39′ 07″E
8.7 meters 33° 02′ 35″N 129° 38′ 30″E
10.4 meters 33° 02′ 25″N 129° 38′ 40″E
14.1 meters 33° 01′ 07″N 129° 38′ 30″E
17 meters Rk 32° 43′ 02″N 129° 45′ 24″E

Wreck 32° 50′ 36″N 129° 07′ 14″E
(11(478), 12(526, 527)99 Tokyo)

97396 14Ed. 8/30/97 LAST NM 21/99 26/99
Add Fish haven symbol 33° 21′ 39″N 129° 42′ 30″E
(20(852)99 Tokyo)

97396 14Ed. 8/30/97 LAST NM 26/99 28/99
Substitute Disused submarine cable for submarine cable
between 32° 42′ 42″N 129° 18′ 59″E
32° 46′ 22″N 129° 48′ 10″E
(10(446)98 Tokyo)

97396 14Ed. 8/30/97 LAST NM 28/99 30/99
Delete Depth 20 meters 33° 03′ 28″N 129° 30′ 24″E
Depth 28 meters 33° 03′ 06″N 129° 29′ 00″E
Depth 21 meters 33° 02′ 50″N 129° 29′ 28″E

Substitute Depth 18.8 meters Rk for 17 meters R
33° 03′ 35″N 129° 29′ 46″E
Depth 16.5 meters Rk for 15 meters R
33° 03′ 00″N 129° 29′ 34″E
Depth 29.5 meters Rk for 34 meters
33° 04′ 04″N 129° 30′ 37″E
Depth 27.5 meters Rk for 29 meters
33° 03′ 00″N 129° 30′ 16″E

Add Depth 20.6 meters 33° 03′ 33″N 129° 30′ 33″E
Depth 22.5 meters Rk 33° 03′ 12″N 129° 29′ 11″E
(23(971)99 Tokyo)

97396 14Ed. 8/30/97 LAST NM 30/99 37/99
Add Depth 14 meters 33° 02′ 59″N 129° 19′ 58″E
Depth 13.2 meters 33° 01′ 43″N 129° 18′ 19″E
Depth 12.7 meters 33° 00′ 41″N 129° 18′ 37″E
Depth 13.3 meters 32° 59′ 00″N 129° 16′ 25″E
Depth 9.2 meters 32° 58′ 42″N 129° 17′ 02″E
Depth 8.9 meters 32° 57′ 59″N 129° 16′ 14″E
Depth 15.7 meters 32° 56′ 39″N 129° 16′ 38″E
(31(1318)99 Tokyo)

97396 14Ed. 8/30/97 LAST NM 37/99 43/99
Delete Dangerous wreck 33° 23′ 09″N 129° 35′ 18″E

Substitute Depth 12.5 meters [I10] for 12.8 meters R
33° 23′ 20″N 129° 35′ 02″E

Add Depth 11.3 meters Rk [K14.1] 33° 23′ 05″N 129° 35′ 10″E
(38(1557)99 Tokyo)

97396 14Ed. 8/30/97 LAST NM 43/99 45/99
Add Submarine cable [L30.1] joining
33° 26′ 06″N 129° 25′ 58″E
33° 25′ 47″N 129° 26′ 45″E
33° 25′ 47″N 129° 26′ 58″E
33° 27′ 32″N 129° 29′ 25″E
33° 27′ 58″N 129° 30′ 24″E
33° 28′ 20″N 129° 30′ 19″E
(17(719)98 Tokyo)

97396 14Ed. 8/30/97 LAST NM 45/99 5/00
Substitute Double solid line (bridge) [D22] for
double dashed line between 33° 02′ 16″N 129° 38′ 14″E
33° 02′ 15″N 129° 38′ 49″E

Add Light F 8M 33° 02′ 15″N 129° 38′ 32″E
(50(1988)99 Tokyo; Jpn LL)

97396 14Ed. 8/30/97 LAST NM 5/00 46/00
Add Fish haven symbol [K46.1] 32° 52′ 04″N 129° 39′ 45″E
Fish haven symbol [K46.1] 33° 11′ 47″N 129° 27′ 35″E
Fish haven symbol [K46.1] 33° 11′ 54″N 129° 05′ 43″E
(27(969), 28(999, 1003)00 Tokyo)

97396 14Ed. 8/30/97 LAST NM 46/00 21/01
Delete Light 32° 59′ 56″N 129° 14′ 18″E
Depth 29 meters Sh 33° 03′ 54″N 129° 29′ 12″E
Depth 22 meters 33° 04′ 06″N 129° 22′ 50″E

Relocate Buoy from 33° 04′ 18″N 129° 35′ 39″E to
33° 04′ 15″N 129° 35′ 46″E

Add Submarine cable [L30.1] between
33° 30′ 48″N 129° 04′ 51″E
33° 37′ 13″N 129° 14′ 18″E

Light Fl(2) R 6s 12m 6M 33° 10′ 57″N 129° 38′ 28″E
Light Fl R 3s 17m 6M 32° 59′ 53″N 129° 14′ 02″E
Fish haven symbol [K46.1] 32° 55′ 12″N 129° 38′ 07″E
(46(1933), 49(2046)98, 17(719), 19(811)99, 2(45), 26(929)00 Tokyo; Jpn LL)

97396 14Ed. 8/30/97 LAST NM 21/01 22/01
Delete Submarine cable between 33° 27′ 15″N 129° 43′ 36″E
33° 26′ 27″N 129° 44′ 38″E

Submarine cables (2) in vicinity
33° 28′ 30″N 129° 46′ 40″E
Submarine cables (2) in vicinity
33° 25′ 00″N 129° 46′ 58″E

Add Submarine cable (power) [L31.1] joining
33° 27′ 06″N 129° 43′ 38″E
33° 26′ 56″N 129° 43′ 45″E
33° 26′ 29″N 129° 44′ 28″E
33° 26′ 29″N 129° 44′ 41″E

Submarine cable (power) [L31.1] joining
33° 27′ 09″N 129° 43′ 38″E
33° 27′ 00″N 129° 43′ 50″E
33° 26′ 57″N 129° 44′ 20″E
33° 26′ 45″N 129° 44′ 29″E
33° 26′ 44″N 129° 44′ 48″E
33° 26′ 32″N 129° 44′ 47″E
(11(359), 19(641)00 Tokyo)

97396 14Ed. 8/30/97 LAST NM 22/01 23/01
Delete Depth 29 meters Wk 32° 44′ 19″N 129° 44′ 55″E

Substitute Disused submarine cable [L32] for
submarine cable in vicinity 33° 15′ 20″N 129° 05′ 00″E
Disused submarine cable [L32] for
submarine cable in vicinity 33° 14′ 42″N 129° 05′ 00″E
Disused submarine cable [L32] for
submarine cable in vicinity 33° 14′ 42″N 129° 05′ 10″E
Disused submarine cable [L32] for
submarine cable in vicinity 33° 13′ 22″N 129° 06′ 52″E
Disused submarine cable [L32] for
submarine cable in vicinity 33° 07′ 12″N 129° 05′ 06″E
Disused submarine cable [L32] for
submarine cable in vicinity 33° 05′ 48″N 129° 05′ 00″E
Disused submarine cables (2) [L32] for
submarine cable in vicinity 33° 00′ 18″N 129° 17′ 52″E
Disused submarine cable [L32] for
submarine cable in vicinity 32° 59′ 48″N 129° 12′ 22″E
Disused submarine cable [L32] for
submarine cable in vicinity 32° 59′ 24″N 129° 12′ 22″E

(continued on next page)

97396 (Continued) 23/01
Disused submarine cable [L32] for
submarine cable in vicinity 33° 02′ 24″N 129° 10′ 52″E
Disused submarine cable [L32] for
submarine cable in vicinity 32° 55′ 12″N 129° 09′ 52″E

Add Fish haven symbol [K46.1] 33° 24′ 20″N 129° 34′ 55″E
Light Fl(2) 6s 6M 33° 22′ 37″N 129° 34′ 08″E
Light Fl G 3s 10m 3M 32° 59′ 20″N 129° 06′ 26″E
Depth 56 meters Wk 32° 44′ 18″N 129° 44′ 55″E

Solid line (breakwater) joining 32° 59′ 20″N 129° 06′ 26″E
32° 59′ 23″N 129° 06′ 33″E
32° 59′ 18″N 129° 06′ 43″E
(19(643), 26(928), 39(1409), 40(1443), 44(1588)00, 10(348)01 Tokyo)

97396 14Ed. 8/30/97 LAST NM 23/01 26/01
Add Danger circle "Obstns" [K40] 33° 08′ 56″N 129° 33′ 00″E
(Jpn CH 1249)

97396 14Ed. 8/30/97 LAST NM 26/01 51/01
Delete Light 33° 21′ 32″N 129° 26′ 12″E

Change Visibility (range) of light to 6M
33° 21′ 29″N 129° 26′ 15″E

Add Light Fl(2) G 6s 6M 33° 21′ 25″N 129° 26′ 12″E
(46(1744)01 Tokyo)

97396 14Ed. 8/30/97 LAST NM 51/01 52/01
Substitute Depth 6.4 meters R for 5.7 meters R
33° 02′ 09″N 129° 38′ 35″E
(44(1688)01 Tokyo)

97396 14Ed. 8/30/97 LAST NM 52/01 7/02
Change Light to Fl R 4s 3M 32° 49′ 14″N 129° 44′ 55″E
Visibility (range) of light to 6M
32° 48′ 47″N 129° 45′ 25″E
(51(1925)01 Tokyo)

97396 14Ed. 8/30/97 LAST NM 7/02 18/02
Delete Buoy (wavemeter) and legend "(R Lt)"
32° 56′ 38″N 129° 35′ 10″E
(8(246)02 Tokyo)

97396 14Ed. 8/30/97 LAST NM 18/02 21/02
Relocate Light from 33° 22′ 17″N 129° 47′ 13″E to
33° 22′ 19″N 129° 47′ 21″E
and change to Fl 3s 11m 10M

Change Light to Iso 6s 101m 13M & F 33° 26′ 24″N 129° 25′ 50″E
(13(449), 15(534)02 Tokyo)

97396 14Ed. 8/30/97 LAST NM 21/02 36/02
Add Depth 47 meters 33° 20′ 42″N 129° 08′ 30″E
(30(1047)02 Tokyo)

97396 14Ed. 8/30/97 LAST NM 36/02 39/02
Delete Submarine cable in vicinity 32° 56′ 41″N 129° 37′ 33″E
Submarine cable in vicinity 32° 54′ 39″N 129° 38′ 00″E
Submarine cable in vicinity 32° 54′ 30″N 129° 36′ 26″E

Substitute Depth 14 meters rky for 16 meters R
32° 59′ 04″N 129° 33′ 04″E
(32(1108), 33(1128)02 Tokyo)

97396 14Ed. 8/30/97 LAST NM 39/02 40/02
Add Submarine cable [L30.1] joining
32° 53′ 24″N 129° 36′ 26″E
32° 53′ 24″N 129° 36′ 36″E
32° 53′ 24″N 129° 36′ 46″E
32° 53′ 15″N 129° 37′ 11″E
32° 53′ 16″N 129° 37′ 15″E
32° 53′ 06″N 129° 37′ 56″E
32° 53′ 14″N 129° 38′ 28″E
32° 53′ 01″N 129° 39′ 03″E
32° 52′ 46″N 129° 39′ 29″E
32° 52′ 41″N 129° 39′ 59″E
32° 52′ 36″N 129° 40′ 44″E
(33(1129)02 Tokyo)

97396 14Ed. 8/30/97 LAST NM 40/02 2/03
Add Submarine pipeline [L40.1] with legend
"Water" joining 32° 53′ 01″N 129° 40′ 41″E
32° 53′ 02″N 129° 39′ 02″E
32° 53′ 17″N 129° 38′ 31″E
32° 53′ 18″N 129° 37′ 20″E
32° 53′ 27″N 129° 37′ 02″E
32° 53′ 28″N 129° 36′ 40″E
32° 53′ 24″N 129° 36′ 26″E
(46(1585)02 Tokyo)

97396 14Ed. 8/30/97 LAST NM 2/03 16/03
Change Visibility (range) of beacon to 8M
32° 47′ 04″N 129° 45′ 12″E
(3(90)03 Tokyo)

97396 14Ed. 8/30/97 LAST NM 16/03 17/03
Change Visibility (range) of light to 5M
33° 21′ 27″N 129° 43′ 37″E
(7(228)03 Tokyo)

97396 14Ed. 8/30/97 LAST NM 17/03 23/03
Delete Light 32° 53′ 31″N 129° 05′ 16″E

Add Light Fl R 3s 17m 5M 32° 53′ 39″N 129° 05′ 26″E
(14(500)03 Tokyo)

97396 14Ed. 8/30/97 LAST NM 23/03 33/03
Delete Depth 47 meters 33° 20′ 42″N 129° 08′ 30″E
(Supersedes 36/02-97396)

Add Depth 34 meters 33° 20′ 18″N 129° 09′ 06″E
Depth 34 meters 33° 20′ 06″N 129° 09′ 12″E
(26(1001)03 Tokyo)

97396 14Ed. 8/30/97 LAST NM 33/03 38/03
Delete Depth 34 meters 33° 20′ 18″N 129° 09′ 06″E
Depth 34 meters 33° 20′ 06″N 129° 09′ 12″E
(See 33/03-97396)

Add Depth 34 meters R 33° 20′ 58″N 129° 08′ 21″E
Depth 34 meters R 33° 20′ 46″N 129° 08′ 29″E
(32(1239)03 Tokyo)

97396 14Ed. 8/30/97 LAST NM 38/03 2/04
Add Depth 28.7 meters 33° 30′ 07″N 129° 46′ 42″E
Depth 29.6 meters 33° 30′ 24″N 129° 46′ 49″E
Depth 23.9 meters 33° 30′ 17″N 129° 47′ 15″E
Depth 23.1 meters 33° 30′ 08″N 129° 47′ 43″E
Depth 29.4 meters 33° 31′ 50″N 129° 47′ 48″E
(46(1724)03 Tokyo)

97396 14Ed. 8/30/97 LAST NM 2/04 39/04
Add Depth 28 meters 33° 30′ 55″N 129° 36′ 10″E
(29(777)04 Tokyo)

97396 14Ed. 8/30/97 LAST NM 39/04 52/04
Add Submarine cable (power) [L31.1] joining
32° 55′ 42″N 129° 35′ 46″E
32° 55′ 33″N 129° 35′ 20″E
32° 55′ 13″N 129° 33′ 45″E
32° 54′ 25″N 129° 32′ 05″E
32° 53′ 32″N 129° 29′ 02″E
32° 53′ 38″N 129° 16′ 35″E
32° 52′ 42″N 129° 13′ 00″E
32° 51′ 26″N 129° 09′ 09″E
32° 51′ 03″N 129° 08′ 42″E
32° 50′ 22″N 129° 08′ 20″E
32° 49′ 42″N 129° 06′ 52″E
32° 49′ 46″N 129° 05′ 06″E
32° 49′ 41″N 129° 04′ 51″E
(43(1112)04 Tokyo)

97396 14Ed. 8/30/97 LAST NM 52/04 14/05
Change Light to Iso 6s 4M 33° 22′ 38″N 129° 34′ 08″E
(51(1329)04 Tokyo)

97396 14Ed. 8/30/97 LAST NM 14/05 22/05
Delete Light 33° 11′ 32″N 129° 21′ 18″E

Add Light Fl G 3s 3M 33° 11′ 23″N 129° 21′ 14″E

Solid line (breakwater extension) [F4.1]
between 33° 11′ 23″N 129° 21′ 14″E
33° 11′ 32″N 129° 21′ 18″E
(13(368)05 Tokyo)

97396 14Ed. 8/30/97 LAST NM 22/05 29/05
Delete Submarine cable between 33° 10′ 20″N 129° 35′ 39″E
33° 09′ 54″N 129° 38′ 12″E
(20(578)05 Tokyo)

97396 14Ed. 8/30/97 LAST NM 29/05 39/05
Substitute Submarine cable (power) [L31.1] for
submarine cable in vicinity 32° 58′ 36″N 129° 18′ 06″E
(26(792)05 Tokyo)

97396 14Ed. 8/30/97 LAST NM 39/05 23/06
Change Visibility (range) of light to 5M
33° 27′ 44″N 129° 44′ 36″E
Visibility (range) of beacon to 5M
33° 23′ 36″N 129° 45′ 48″E
(9(267)06 Tokyo)

97396 14Ed. 8/30/97 LAST NM 23/06 25/06
Delete Submarine cables (2) in vicinity
33° 09′ 42″N 129° 33′ 27″E
(18(544)06 Tokyo)

97396 14Ed. 8/30/97 LAST NM 25/06 28/06
Delete Submarine cables (2) in vicinity
33° 27′ 48″N 129° 32′ 00″E
Add Fish haven symbol [K46.1] 32° 57′ 23″N 129° 10′ 31″E
Fish haven symbol [K46.1] 33° 00′ 59″N 129° 38′ 28″E
(21(635), 23(679, 680)06 Tokyo)

97396 14Ed. 8/30/97 LAST NM 28/06 32/06
Change Visibility (range) of light to 5M
33° 15′ 20″N 129° 08′ 02″E
(15(460)06 Tokyo)

97396 14Ed. 8/30/97 LAST NM 32/06 39/06
Change Visibility (range) of light to 13M
33° 28′ 22″N 129° 29′ 51″E
Light to Iso 6s 101m 13M & F 33° 26′ 24″N 129° 25′ 50″E
Visibility (range) of light to 13M
33° 30′ 37″N 129° 33′ 21″E
Visibility (range) of light to 3M
33° 29′ 41″N 129° 33′ 20″E
(14(434)06 Tokyo)

97396 14Ed. 8/30/97 LAST NM 39/06 42/06
Change Visibility (range) of light to 4M
33° 15′ 33″N 129° 07′ 54″E
Light to Fl R 3s 11m 3M 33° 15′ 08″N 129° 05′ 31″E
(47(1411)05 Tokyo)

97396 14Ed. 8/30/97 LAST NM 42/06 6/07
Change Visibility (range) of light to 5M
33° 16′ 21″N 129° 09′ 28″E
(47(1405)06 Tokyo)

97396 14Ed. 8/30/97 LAST NM 6/07 37/07
Add Wreck [K29] 33° 06′ 48″N 129° 17′ 50″E
(31(1043)07 Tokyo)

97396 14Ed. 8/30/97 LAST NM 37/07 3/08
Change Visibility (range) of light to 8/5M
32° 57′ 01″N 129° 36′ 10″E
(36(1068)06 Tokyo)

97396 14Ed. 8/30/97 LAST NM 3/08 7/08
Change Visibility (range) of light to 4M
32° 48′ 47″N 129° 45′ 25″E
Visibility (range) of beacon to 6M
32° 48′ 12″N 129° 43′ 50″E
Visibility (range) of light to 13M
32° 49′ 32″N 129° 45′ 24″E
(37(1231)07 Tokyo)

97396 14Ed. 8/30/97 LAST NM 7/08 9/08
Change Light to Iso 6s 30m 5M 33° 33′ 52″N 129° 45′ 46″E
Light to Fl 4s 3M 33° 27′ 04″N 129° 46′ 59″E
Light to Fl 3s 3M 33° 24′ 55″N 129° 47′ 46″E
Light to Fl 4s 49m 5M 33° 23′ 54″N 129° 40′ 22″E
Light to Iso R 4s 13m 4M 33° 23′ 25″N 129° 33′ 48″E
Light to Fl 5s 46m 3M 33° 28′ 22″N 129° 29′ 51″E
Light to Fl R 3s 13m 3M 33° 28′ 27″N 129° 33′ 24″E
Light to Fl 4s 25m 5M 33° 30′ 37″N 129° 33′ 21″E
Light to Fl(2) 6s 3M 33° 26′ 20″N 129° 32′ 50″E
Light to Iso 8s 5M 33° 09′ 40″N 129° 34′ 53″E
Visibility (range) of light to 3M
33° 12′ 35″N 129° 27′ 18″E
(52(1762, 1764-1770)07 Tokyo; Jpn LL)

97396 14Ed. 8/30/97 LAST NM 9/08 17/08
Add Submarine cable (power) [L31.1] joining
32° 55′ 11″N 129° 36′ 14″E
32° 54′ 47″N 129° 36′ 04″E
32° 54′ 40″N 129° 35′ 58″E
32° 53′ 31″N 129° 35′ 36″E
32° 53′ 15″N 129° 35′ 50″E
(52(1771)07 Tokyo)

97396 14Ed. 8/30/97 LAST NM 17/08 30/08
Change Light to Iso 6s 35m 4M 32° 59′ 24″N 129° 06′ 55″E
Visibility (range) of light to 4M
33° 00′ 15″N 129° 05′ 41″E
Light to Fl 3s 119m 5M 33° 09′ 39″N 129° 06′ 45″E
(20(678)08 Tokyo)

97396 14Ed. 8/30/97 LAST NM 30/08 8/09
Change Visibility (range) of light to 8M
33° 05′ 32″N 129° 37′ 38″E
(Jpn CH 1233)

97396 14Ed. 8/30/97 LAST NM 8/09 9/09
Change Visibility (range) of light to 5M
33° 10′ 10″N 129° 35′ 18″E
Visibility (range) of light to 4M
33° 10′ 57″N 129° 38′ 28″E
Light to Iso G 8s 9m 5M 33° 10′ 01″N 129° 38′ 28″E
Visibility (range) of beacon to 8M
33° 10′ 25″N 129° 36′ 34″E
(Jpn CH 1234; Jpn LL)

97396 14Ed. 8/30/97 LAST NM 9/09 10/09
Delete Submarine cable between 32° 55′ 15″N 129° 36′ 03″E
32° 53′ 09″N 129° 35′ 48″E
Submarine cables (2) between 33° 01′ 51″N 129° 38′ 00″E
33° 00′ 37″N 129° 39′ 13″E
Submarine cable between 33° 01′ 21″N 129° 35′ 24″E
32° 57′ 20″N 129° 37′ 14″E
Change Visibility (range) of light to 8M
32° 54′ 48″N 129° 38′ 14″E
Light to Fl(2) R 6s 5M 32° 55′ 54″N 129° 38′ 02″E
Visibility (range) of light to 8M
33° 00′ 46″N 129° 37′ 49″E
Visibility (range) of light to 12M
33° 00′ 51″N 129° 34′ 02″E
Visibility (range) of light to 6M
33° 02′ 15″N 129° 38′ 32″E
Visibility (range) of light to 13M
33° 00′ 34″N 129° 32′ 10″E
Visibility (range) of light to 4M
33° 08′ 52″N 129° 31′ 43″E
Visibility (range) of light to 9M
33° 12′ 10″N 129° 30′ 12″E
Add Pilot station symbol [T1.1] 33° 06′ 42″N 129° 37′ 52″E
(Jpn CH 1232; Jpn LL)

97396 14Ed. 8/30/97 LAST NM 10/09 14/09
Delete Disused submarine cable between
32° 55′ 06″N 129° 35′ 44″E
33° 00′ 00″N 129° 21′ 18″E
(Jpn CH 1232)

97396 14Ed. 8/30/97 LAST NM 14/09 17/09
Delete Disused submarine cable joining
33° 00′ 12″N 129° 08′ 48″E
33° 03′ 36″N 129° 20′ 00″E
33° 01′ 42″N 129° 33′ 42″E
(Jpn CH W1232; NTM0021/2009)

97396 14Ed. 8/30/97 LAST NM 17/09 25/09
Change Light to Fl 3s 29m 12M, F 33° 18′ 05″N 129° 07′ 30″E
Light to Iso G 4s 13m 4M 33° 33′ 58″N 129° 45′ 50″E
(9(357), 14(584)09 Tokyo)

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97396 14Ed. 8/30/97 LAST NM 25/09 47/09
Change Light to Fl R 3s 3M 32° 47′ 09″N 129° 47′ 19″E
(33(1428)09 Tokyo)

97396 14Ed. 8/30/97 LAST NM 47/09 2/10
Change Light to Fl G 3s 19m 5M 33° 00′ 06″N 129° 21′ 08″E
(Jpn LL)

97396 14Ed. 8/30/97 LAST NM 2/10 4/10
Delete Buoy 33° 21′ 43″N 129° 42′ 45″E

Change Visibility (range) of light to 5M
33° 00′ 34″N 129° 32′ 10″E
Visibility (range) of light to 12M
33° 26′ 24″N 129° 25′ 50″E
Light to Fl 3s 70m 5M 33° 18′ 10″N 129° 10′ 12″E
Light to Fl 4s 16m 5M 32° 56′ 05″N 129° 06′ 55″E
(9(365), 26(1122), 33(1426, 1427)09 Tokyo; Jpn LL)

97396 14Ed. 8/30/97 LAST NM 4/10 14/10
Change Light to Fl G 3s 3M 33° 11′ 48″N 129° 24′ 06″E
(4(146)10 Tokyo)

97396 14Ed. 8/30/97 LAST NM 14/10 37/10
Change Visibility (range) of light to 3M
33° 10′ 10″N 129° 35′ 18″E
Visibility (range) of light to 5M
33° 00′ 46″N 129° 37′ 49″E
Visibility (range) of light to 3M
33° 14′ 05″N 129° 05′ 39″E
(23(939, 943), 27(1077)10 Tokyo)

97396 14Ed. 8/30/97 LAST NM 37/10 39/10
Change Light to Fl 3s 54m 5M 32° 59′ 57″N 129° 13′ 20″E
(14(561)10 Tokyo)

97396 14Ed. 8/30/97 LAST NM 39/10 53/11
Change Visibility (range) of beacon to 5M
33° 28′ 37″N 129° 46′ 56″E
(47(1606)11 Tokyo)

97396 14Ed. 8/30/97 LAST NM 53/11 6/12
Change Visibility (range) of light to 5M
33° 25′ 18″N 129° 32′ 05″E
Visibility (range) of light to 7M
33° 14′ 32″N 129° 11′ 07″E
(47(1608, 1611)11 Tokyo)

★97397 8Ed. 11/29/08 NEW EDITION N9/09
Delete Buoy "Y2" 33° 05′ 02.5″N 129° 42′ 59.0″E
Buoy 33° 07′ 50.0″N 129° 45′ 22.0″E
Buoy 33° 08′ 19.0″N 129° 45′ 26.0″E
Light 33° 02′ 39.5″N 129° 38′ 26.0″E

Substitute Submarine cable [L30.1] for disused submarine cable between 33° 06′ 08.5″N 129° 40′ 08.5″E
33° 05′ 45.5″N 129° 40′ 29.5″E

Beacon YB, double cone topmark points downward, Q(6) + L Fl 15s 15m 8M for light
32° 56′ 32.0″N 129° 37′ 39.5″E

Change Height of light to 18m 33° 05′ 33.5″N 129° 37′ 39.0″E
Height of light to 37m 33° 12′ 11.0″N 129° 30′ 14.0″E

Height of range light, front to 38m
33° 00′ 50.5″N 129° 34′ 06.0″E

Add Buoy R, pillar, cone topmark, Mo(B) R 8s
33° 08′ 35.0″N 129° 43′ 10.0″E

Dangerous wreck [K28] 33° 07′ 24.0″N 129° 30′ 40.0″E

Depth 7.8 meters, blue tint and enclosing depth contour (10-meter) centered
33° 00′ 57.0″N 129° 37′ 54.0″E

Pilot station symbol [T1.1] 33° 06′ 42.0″N 129° 37′ 52.0″E
(NGA; Jpn CH 1232, 1233; Jpn LL)

97397 8Ed. 11/29/08 LAST NM N9/09 N10/09
Relocate Light from 33° 09′ 38.5″N 129° 34′ 53.0″E to
33° 09′ 40.0″N 129° 34′ 53.0″E
(52(1770)07 Tokyo)

97397 8Ed. 11/29/08 LAST NM N10/09 N14/09
Delete Disused submarine cable between
32° 55′ 19.0″N 129° 36′ 03.0″E
32° 57′ 39.0″N 129° 28′ 00.0″E

Submarine cable between 32° 54′ 14.0″N 129° 34′ 31.0″E
32° 54′ 00.0″N 129° 34′ 26.0″E
Purple dashed line and legend "Harbor Limit" between 33° 04′ 38.0″N 129° 39′ 42.0″E
33° 09′ 28.0″N 129° 38′ 18.0″E

Change Legend to "Beacons in line 077°"
33° 07′ 34.0″N 129° 38′ 45.0″E

Add Submarine cable [L30.1] between
32° 57′ 24.0″N 129° 37′ 12.0″E
32° 57′ 13.0″N 129° 37′ 33.0″E

Purple dashed line between 33° 08′ 17.0″N 129° 42′ 33.0″E
33° 08′ 08.0″N 129° 43′ 12.0″E

Purple dashed line between 33° 07′ 02.0″N 129° 42′ 43.0″E
33° 07′ 27.0″N 129° 43′ 53.0″E

Dashed line between 33° 04′ 38.0″N 129° 39′ 42.0″E
33° 09′ 28.0″N 129° 38′ 18.0″E
(Jpn CH 1232)

97397 8Ed. 11/29/08 LAST NM N14/09 N17/09
Delete Disused submarine cable in vicinity
33° 03′ 16.0″N 129° 30′ 58.0″E

Add Submarine cable [L30.1] joining
32° 56′ 21.0″N 129° 37′ 14.0″E
32° 56′ 25.0″N 129° 37′ 16.0″E
32° 56′ 27.0″N 129° 37′ 58.0″E
32° 56′ 14.0″N 129° 38′ 06.0″E

Submarine cable [L30.1] joining
33° 02′ 00.0″N 129° 37′ 03.0″E
33° 01′ 59.0″N 129° 36′ 57.0″E
33° 01′ 14.0″N 129° 36′ 45.0″E
33° 00′ 27.0″N 129° 37′ 36.0″E
33° 00′ 40.0″N 129° 38′ 23.0″E
33° 00′ 36.0″N 129° 38′ 59.0″E
33° 00′ 40.0″N 129° 39′ 15.0″E

Submarine cable [L30.1] joining
33° 10′ 22.0″N 129° 35′ 32.0″E
33° 10′ 20.0″N 129° 35′ 39.0″E
33° 09′ 58.0″N 129° 35′ 55.0″E
33° 09′ 40.0″N 129° 36′ 36.0″E
33° 09′ 45.0″N 129° 37′ 58.0″E
33° 09′ 56.0″N 129° 38′ 19.0″E
33° 10′ 02.0″N 129° 38′ 18.0″E
(Jpn CH W1232)

97397 8Ed. 11/29/08 LAST NM N17/09 N4/10
Change Light to Iso 6s 48m 5M, F 33° 00′ 32.0″N 129° 32′ 12.0″E
(33(1427)09 Tokyo)

97397 8Ed. 11/29/08 LAST NM N4/10 N37/10
Change Visibility (range) of light to 3M
33° 10′ 12.0″N 129° 35′ 21.0″E
Visibility (range) of light to 5M
33° 00′ 46.0″N 129° 37′ 50.0″E
(23(939), 27(1077)10 Tokyo)

97397 8Ed. 11/29/08 LAST NM N37/10 N43/11
Add Land tint to area (quay) [F13] bound by shore and solid line between 33° 09′ 53.0″N 129° 42′ 46.0″E
33° 09′ 38.5″N 129° 42′ 51.0″E
(NTM0024/2010)

97397 8Ed. 11/29/08 LAST NM N43/11 N16/13
Add Depth 25 meters Obstn (Fish haven) [K46.2]
33° 08′ 26.0″N 129° 37′ 28.0″E
Depth 29.5 meters Obstn (Fish haven) [K46.2]
33° 08′ 08.0″N 129° 34′ 48.9″E
Depth 31 meters Obstn (Fish haven) [K46.2]
33° 07′ 51.2″N 129° 34′ 26.1″E
Depth 31 meters Obstn (Fish haven) [K46.2]
33° 07′ 34.0″N 129° 34′ 07.9″E
Depth 31 meters Obstn (Fish haven) [K46.2]
33° 07′ 37.9″N 129° 34′ 42.2″E
(Jpn CH W1232)

★97398 4Ed. 8/16/03 NEW EDITION 43/03
(NIMA)

97398 4Ed. 8/16/03 LAST NM 43/03 27/04
Add Fish haven symbol [K46.1] 33° 23′ 11″N 129° 36′ 10″E
(19(513)04 Tokyo)

97398 4Ed. 8/16/03 LAST NM 27/04 40/04
Delete Beacon 33° 21′ 44″N 129° 34′ 13″E
(28(735)04 Tokyo)

97398 4Ed. 8/16/03 LAST NM 40/04 11/05
Add Fish haven symbol [K46.1] 33° 22′ 46″N 129° 39′ 33″E
(49(1266)04 Tokyo)

97398 4Ed. 8/16/03 LAST NM 11/05 14/05
Change Light to Iso 6s 7m 4M 33° 22′ 38″N 129° 34′ 08″E
(51(1329)04 Tokyo)

97398 4Ed. 8/16/03 LAST NM 14/05 29/05
Delete Submarine cable joining 33° 10′ 20″N 129° 35′ 39″E
33° 09′ 53″N 129° 36′ 52″E
33° 09′ 54″N 129° 38′ 12″E
(20(578)05 Tokyo)

97398 4Ed. 8/16/03 LAST NM 29/05 38/05
Add Depth 11.5 meters 33° 29′ 27″N 129° 35′ 13″E
Depth 22.3 meters 33° 29′ 18″N 129° 35′ 27″E
Depth 23.8 meters 33° 29′ 00″N 129° 35′ 30″E
Depth 13.6 meters 33° 28′ 55″N 129° 34′ 52″E
Depth 17.9 meters 33° 28′ 53″N 129° 35′ 18″E
(29(887)05 Tokyo)

97398 4Ed. 8/16/03 LAST NM 38/05 25/06
Delete Submarine cables (2) in vicinity
33° 09′ 42″N 129° 33′ 27″E
(18(544)06 Tokyo)

97398 4Ed. 8/16/03 LAST NM 25/06 28/06
Delete Submarine cable in vicinity 33° 27′ 36″N 129° 32′ 00″E

Submarine cable between 33° 28′ 18″N 129° 32′ 12″E
33° 27′ 03″N 129° 31′ 49″E
(23(679)06 Tokyo)

97398 4Ed. 8/16/03 LAST NM 28/06 39/06
Change Visibility (range) of light to 13M
33° 28′ 22″N 129° 29′ 51″E
(14(434)06 Tokyo)

97398 4Ed. 8/16/03 LAST NM 39/06 5/08
Delete Buoy 33° 23′ 00″N 129° 31′ 48″E
Buoy 33° 22′ 06″N 129° 31′ 24″E

Change Visibility (range) of light to 8M
33° 22′ 53″N 129° 34′ 09″E
Visibility (range) of light to 9M
33° 22′ 50″N 129° 34′ 04″E
(15(473), 47(1575)07 Tokyo)

97398 4Ed. 8/16/03 LAST NM 5/08 9/08
Change Light to Fl 4s 49m 5M 33° 23′ 54″N 129° 40′ 22″E
Light to Iso R 4s 13m 4M 33° 23′ 25″N 129° 33′ 48″E
Light to Fl 5s 46m 3M 33° 28′ 22″N 129° 29′ 51″E
Light to Fl R 3s 13m 3M 33° 28′ 27″N 129° 33′ 24″E
Light to Fl(2) 6s 14m 3M 33° 26′ 20″N 129° 32′ 50″E
Light to Fl G 3s 16m 3M 33° 12′ 35″N 129° 27′ 23″E
Light to Iso 8s 12m 5M 33° 09′ 40″N 129° 34′ 53″E
(52(1766-1770)07 Tokyo)

97398 4Ed. 8/16/03 LAST NM 9/08 9/09
Change Visibility (range) of light to 5M
33° 10′ 13″N 129° 35′ 21″E
Visibility (range) of light to 2M
33° 10′ 17″N 129° 35′ 35″E
Light to Fl R 3s 11m 3M 33° 12′ 46″N 129° 34′ 53″E
Visibility (range) of beacon to 8M
33° 10′ 24″N 129° 36′ 35″E
Visibility (range) of light to 4M
33° 10′ 57″N 129° 38′ 28″E
Visibility (range) of light to 5M
33° 10′ 00″N 129° 38′ 32″E
(Jpn CH 1234; Jpn LL)

97398 4Ed. 8/16/03 LAST NM 9/09 10/09
Change Visibility (range) of light to 9M
33° 12′ 13″N 129° 30′ 13″E
Visibility (range) of light to 4M
33° 08′ 50″N 129° 31′ 43″E
(Jpn CH 1232; Jpn LL)

97398 4Ed. 8/16/03 LAST NM 10/09 4/10
Change Visibility (range) of light to 12M
33° 26′ 24″N 129° 25′ 48″E
(33(1426)09 Tokyo)

97398 4Ed. 8/16/03 LAST NM 4/10 37/10
Change Visibility (range) of light to 3M
33° 10′ 13″N 129° 35′ 21″E
(27(1077)10 Tokyo)

97398 4Ed. 8/16/03 LAST NM 37/10 6/12
Change Visibility (range) of light to 5M
33° 25′ 18″N 129° 32′ 05″E
(47(1608)11 Tokyo)

★97400 4Ed. 5/3/03 NEW EDITION 34/03
Substitute Depth 32 meters R [K14.1] for 32 meters
33° 04′ 43.5″N 129° 36′ 55.0″E

Add Danger circle [K40] "Obstn (marked by buoys)" 33° 08′ 40.6″N 129° 42′ 30.0″E
(NIMA; NTM0015/2003; Jpn CH W1233)

97400 4Ed. 5/3/03 LAST NM 34/03 44/03
Relocate Buoy "No 61" from
33° 06′ 54.0″N 129° 43′ 59.0″E to
33° 06′ 53.8″N 129° 44′ 04.6″E
(33(1271)03 Tokyo)

97400 4Ed. 5/3/03 LAST NM 44/03 49/03
Substitute Depth 5.7 meters enclosed by danger circle [K1] "Magnetic Meter" for danger circle "Obstn (marked by buoys)" 33° 08′ 40.4″N 129° 42′ 30.2″E
(See 34/03-97400)
(39(1481)03 Tokyo)

97400 4Ed. 5/3/03 LAST NM 49/03 29/05
Delete Submarine cable between 33° 09′ 52.5″N 129° 36′ 52.0″E
33° 10′ 04.0″N 129° 38′ 18.0″E
(20(578)05 Tokyo)

97400 4Ed. 5/3/03 LAST NM 29/05 45/05
Substitute Disused submarine cable [L32] for submarine cable in vicinity 33° 07′ 00.0″N 129° 43′ 06.0″E
Disused submarine cable [L32] for submarine cable in vicinity 33° 07′ 47.0″N 129° 45′ 00.0″E
Disused submarine cable [L32] for submarine cable in vicinity 33° 08′ 00.0″N 129° 43′ 08.0″E
Disused submarine cable [L32] for submarine cable in vicinity 33° 08′ 18.0″N 129° 43′ 00.0″E
Disused submarine cable [L32] for submarine cable in vicinity 33° 08′ 20.0″N 129° 43′ 00.0″E
Disused submarine cable [L32] for submarine cable in vicinity 33° 09′ 37.0″N 129° 43′ 00.0″E
(28(841)05 Tokyo)

97400 4Ed. 5/3/03 LAST NM 45/05 14/06
Change Visibility (range) of beacon to 4M
33° 05′ 33.0″N 129° 43′ 03.0″E
(50(1513)05 Tokyo)

97400 4Ed. 5/3/03 LAST NM 14/06 4/08
Delete Beacon 33° 06′ 49.5″N 129° 39′ 48.2″E

Dashed line and legend "926.6m" between
33° 07′ 38.5″N 129° 38′ 49.0″E
33° 07′ 09.0″N 129° 39′ 02.0″E

Dashed line and legend "926.6m" between
33° 07′ 09.0″N 129° 39′ 02.0″E
33° 06′ 40.1″N 129° 39′ 06.0″E

Range beacons (2) and range line between
33° 07′ 09.1″N 129° 38′ 56.6″E
33° 07′ 16.0″N 129° 39′ 32.0″E

(continued on next page)

97400 (Continued) 4/08

Relocate Buoy (mooring) "No 61" from
33° 06′ 53.8″N 129° 44′ 04.6″E to
33° 06′ 40.5″N 129° 43′ 52.5″E
and add legend "(Y Lt)"

Buoy (mooring) "X2N" from
33° 09′ 31.5″N 129° 43′ 05.7″E to
33° 09′ 32.0″N 129° 43′ 05.9″E
and add legend "(Y Lt)"

Buoy (mooring) "X2S" from
33° 09′ 25.7″N 129° 43′ 04.2″E to
33° 09′ 25.2″N 129° 43′ 04.0″E
and add legend "(Y Lt)"

Substitute Depth 19.5 meters enclosed by depth contour
(20-meter) for 21 meters 33° 07′ 05.0″N 129° 39′ 05.2″E

Add Depth 19.2 meters enclosed by depth contour
(20-meter) centered 33° 07′ 09.0″N 129° 39′ 05.8″E

Depth 27 meters 33° 06′ 49.0″N 129° 39′ 09.0″E
Depth 28 meters 33° 07′ 29.8″N 129° 38′ 49.1″E

Dashed line with legend "1853.2m" between
33° 07′ 38.5″N 129° 38′ 49.0″E
33° 06′ 40.1″N 129° 39′ 06.0″E

Buoy (mooring) with legend "(Y Lt)"
33° 09′ 06.0″N 129° 43′ 03.0″E
Legend "(Y Lt)" to buoy (mooring) "X1N"
33° 09′ 29.5″N 129° 43′ 09.0″E
Legend "(Y Lt)" to buoy (mooring) "X1S"
33° 09′ 22.0″N 129° 43′ 07.8″E
Legend "(Y Lt)" to buoy (mooring) "X3N"
33° 09′ 21.0″N 129° 43′ 04.5″E
(10(316), 11(336), 25(817, 818)07 Tokyo)

97400 4Ed. 5/3/03 LAST NM 4/08 8/09

Delete Dashed-line and legend "Works in progress
(1996)" between 33° 06′ 43.1″N 129° 40′ 25.5″E
33° 06′ 51.1″N 129° 40′ 44.5″E
Buoy 33° 07′ 50.5″N 129° 45′ 21.2″E
Buoy 33° 09′ 06.0″N 129° 43′ 03.0″E
Buoy 33° 08′ 20.2″N 129° 45′ 24.1″E
Buoy 33° 08′ 42.9″N 129° 43′ 06.1″E
Buoy "No 4" 33° 06′ 23.2″N 129° 42′ 54.1″E

Disused submarine cables (3) in vicinity
33° 04′ 43.0″N 129° 44′ 00.0″E
Submarine cable joining 33° 06′ 38.5″N 129° 40′ 25.8″E
33° 06′ 20.0″N 129° 40′ 48.9″E
33° 05′ 58.5″N 129° 40′ 49.3″E
Submarine cables (2) between
33° 06′ 34.5″N 129° 40′ 23.7″E
33° 05′ 58.5″N 129° 40′ 49.3″E

Substitute Beacon "No 3" G, can topmark, Fl(2) G 6s 4M
for buoy "No 3" 33° 06′ 40.5″N 129° 42′ 44.0″E
Beacon "No 2" R, cone topmark, Fl R 3s 4M
for buoy "No 2" 33° 06′ 10.0″N 129° 41′ 43.8″E

Change Buoy "No 4" to (undesignated) R, pillar, cone
topmark, Mo(B) R 8s 33° 08′ 35.0″N 129° 43′ 10.0″E
Visibility (range) of light to 9M
33° 08′ 44.2″N 129° 42′ 56.0″E
Visibility (range) of light to 8M
33° 05′ 33.5″N 129° 37′ 39.0″E

Add Beacon "No 4" R, cone topmark, Fl(2) R 6s 4M
33° 06′ 22.5″N 129° 42′ 53.6″E
Legend "(Y Lt)" to buoy (mooring) "X3S"
33° 09′ 15.5″N 129° 43′ 03.0″E
Buoy Y, pillar, (Y Lt) 33° 05′ 15.0″N 129° 42′ 53.0″E
Buoy Y, pillar, (Y Lt) 33° 05′ 14.0″N 129° 42′ 48.0″E
Buoy Y, pillar, (Y Lt) 33° 05′ 13.0″N 129° 43′ 01.0″E
Buoy Y, pillar, (Y Lt) 33° 05′ 12.0″N 129° 43′ 06.0″E
Buoy Y, pillar, (Y Lt) 33° 05′ 07.1″N 129° 43′ 11.9″E
Buoy Y, pillar, (Y Lt) 33° 05′ 02.0″N 129° 43′ 13.8″E
Buoy Y, pillar, (Y Lt) 33° 04′ 52.0″N 129° 43′ 15.2″E
(Jpn CH 1233; Jpn LL)

97400 4Ed. 5/3/03 LAST NM 8/09 10/09

Change Visibility (range) of light to 5M
33° 09′ 59.2″N 129° 38′ 31.8″E

Add Pilot station symbol [T1.1] 33° 06′ 42.0″N 129° 37′ 52.0″E
(Jpn CH 1232)

97400 4Ed. 5/3/03 LAST NM 10/09 37/09

Delete Buoy (mooring) "V1" 33° 09′ 18.0″N 129° 42′ 54.0″E
(24(1042)09 Tokyo)

97400 4Ed. 5/3/03 LAST NM 37/09 39/09

Delete Position circle "Lt" 33° 08′ 09.0″N 129° 43′ 29.0″E
(26(1106)09 Tokyo)

97400 4Ed. 5/3/03 LAST NM 39/09 4/10

Delete Buoy 33° 07′ 36.0″N 129° 43′ 27.8″E
(Jpn CH W1233)

★97400 4Ed. 5/3/03 LAST NM 4/10 43/11

Delete Mooring buoys (8) and legend "T10-T17" in
vicinity 33° 09′ 42.7″N 129° 42′ 49.2″E

Add Land tint to area (quay) [F13] bound by shore
and solid line between 33° 09′ 53.8″N 129° 42′ 46.8″E
33° 09′ 39.2″N 129° 42′ 52.1″E
and delete all hydrography, topography and
aids to navigation within above area
(NTM0024/2010)

97400 4Ed. 5/3/03 LAST NM 43/11 16/13

Delete Fish haven symbol 33° 08′ 25.9″N 129° 37′ 25.1″E
Depth 24 meters 33° 05′ 37.0″N 129° 39′ 52.0″E
Depth 28 meters 33° 05′ 33.2″N 129° 39′ 53.7″E

Add Depth 25 meters Obstn (Fish haven) [K46.2]
33° 08′ 26.0″N 129° 37′ 28.0″E
Depth 23.5 meters R [K14.1]
33° 05′ 36.0″N 129° 39′ 52.1″E
Depth 26.5 meters R [K14.1]
33° 05′ 32.8″N 129° 39′ 53.9″E
(Jpn CH W1232, W1233)

★97409 5Ed. 7/5/97 NEW EDITION 45/97

Note: See 41/97 for correction to Hydrographic
Products Catalog
(NIMA)

97409 5Ed. 7/5/97 LAST NM 45/97 6/98

Delete Depth
18.2 meters 33° 21′ 40″N 129° 34′ 18″E
16 meters 33° 21′ 41″N 129° 34′ 15″E
8.3 meters 33° 21′ 42″N 129° 34′ 16″E
3.6 meters R 33° 21′ 43″N 129° 34′ 17″E
26 meters 33° 21′ 44″N 129° 34′ 18″E

Add Depth
21.5 meters 33° 21′ 40.2″N 129° 34′ 16.2″E
14.5 meters 33° 21′ 40.7″N 129° 34′ 14.8″E
26 meters 33° 21′ 40.8″N 129° 34′ 18.3″E
12.8 meters 33° 21′ 42.2″N 129° 34′ 15.1″E
11.3 meters Rk 33° 21′ 42.5″N 129° 34′ 16.9″E
33 meters 33° 21′ 42.1″N 129° 34′ 19.5″E

Double dashed line with land tint
(breakwater extension) 8 meters
wide and legend "Under construction"
on centerline between 33° 21′ 42.6″N 129° 34′ 30.8″E
33° 21′ 45.2″N 129° 34′ 27.7″E

Double solid line with land tint
(breakwater) 8 meters wide on centerline
between 33° 21′ 45.2″N 129° 34′ 27.7″E
33° 21′ 48.5″N 129° 34′ 26.6″E
(45(2140)96, 37(1668)97 Tokyo)

97409 5Ed. 7/5/97 LAST NM 6/98 14/98

Delete Dangerous wreck 33° 22′ 00″N 129° 33′ 53″E
(5(232)98 Tokyo)

97409 5Ed. 7/5/97 LAST NM 14/98 41/99

Delete Depth 8.6 meters 33° 21′ 36.3″N 129° 34′ 31.8″E
Depth 8.8 meters 33° 21′ 36.0″N 129° 34′ 30.8″E
Depth 8.7 meters 33° 21′ 33.8″N 129° 34′ 30.0″E
Depth 12.9 meters 33° 21′ 33.0″N 129° 34′ 28.5″E
Depth 3.8 meters 33° 21′ 33.0″N 129° 34′ 30.8″E

Add Depth 23.5 meters 33° 21′ 38.0″N 129° 34′ 29.5″E
Depth 17.6 meters 33° 21′ 38.0″N 129° 34′ 31.1″E
Depth 6.7 meters 33° 21′ 36.5″N 129° 34′ 32.8″E
Depth 5.2 meters 33° 21′ 36.3″N 129° 34′ 31.8″E
Depth 25.5 meters 33° 21′ 36.0″N 129° 34′ 28.0″E

(continued on next page)

97409 (Continued) 41/99
Depth 10.8 meters 33° 21′ 35.0″N 129° 34′ 29.4″E
Depth 8.9 meters 33° 21′ 34.5″N 129° 34′ 30.8″E
Depth 0.4 meter 33° 21′ 34.5″N 129° 34′ 32.0″E
Depth 18 meters 33° 21′ 34.4″N 129° 34′ 28.5″E
Depth 11 meters 33° 21′ 33.1″N 129° 34′ 29.3″E
Depth 4 meters 33° 21′ 33.0″N 129° 34′ 31.3″E
Depth 33 meters 33° 21′ 32.8″N 129° 34′ 27.1″E
Depth 6.8 meters 33° 21′ 32.3″N 129° 34′ 30.0″E
Depth 23.5 meters 33° 21′ 31.8″N 129° 34′ 28.3″E
Depth 13 meters 33° 21′ 31.0″N 129° 34′ 29.6″E
Depth 6.8 meters 33° 21′ 31.0″N 129° 34′ 30.8″E
Depth 45 meters 33° 21′ 24.0″N 129° 34′ 23.8″E
(13(561)98 Tokyo)

97409 5Ed. 7/5/97 LAST NM 41/99 23/01
Add Light Fl(2) 6s 6m 6M 33° 22′ 37.5″N 129° 34′ 07.7″E
(19(643)00 Tokyo)

97409 5Ed. 7/5/97 LAST NM 23/01 40/04
Delete Beacon 33° 21′ 44.0″N 129° 34′ 13.0″E
(28(735)04 Tokyo)

97409 5Ed. 7/5/97 LAST NM 40/04 14/05
Change Light to Iso 6s 7m 4M 33° 22′ 37.5″N 129° 34′ 07.7″E
(51(1329)04 Tokyo)

97409 5Ed. 7/5/97 LAST NM 14/05 33/05
Add Chartlet, depicting changes in hydrography and topography, from Subsection I-2
33° 21′ 55.0″N 129° 33′ 39.0″E

Purple dashed line (harbor limit) between
33° 22′ 05.5″N 129° 33′ 49.5″E
33° 22′ 55.0″N 129° 33′ 46.5″E
(2(32)05 Tokyo, Jpn CH W193)

97409 5Ed. 7/5/97 LAST NM 33/05 11/06
Add Chartlet, depicting changes in hydrography, topography and aids to navigation, from Subsection I-2 33° 21′ 42.0″N 129° 34′ 12.0″E
(25(729)05 Tokyo)

97409 5Ed. 7/5/97 LAST NM 11/06 5/08
Change Visibility (range) of light to 8M
33° 22′ 53.5″N 129° 34′ 09.0″E
Visibility (range) of light to 9M
33° 22′ 50.1″N 129° 34′ 04.5″E

Add Depth 16.3 meters 33° 22′ 45.2″N 129° 34′ 04.3″E
(15(473)07 Tokyo)

97409 5Ed. 7/5/97 LAST NM 5/08 12/08
Change Light to Iso R 4s 13m 4M 33° 23′ 25.0″N 129° 33′ 48.0″E
(52(1768)07 Tokyo)

97409 5Ed. 7/5/97 LAST NM 12/08 26/09
Relocate Buoy from 33° 22′ 47.0″N 129° 34′ 17.0″E to
33° 22′ 46.8″N 129° 34′ 18.5″E
(Jpn CH W193)

★**97412** 7Ed. 10/19/96 NEW EDITION 1/97
Delete Legend "Obst Fish haven" 33° 31′ 24″N 129° 57′ 40″E
(NIMA)

97412 7Ed. 10/19/96 LAST NM 1/97 8/98
Change Characteristic of light to Fl G 4s
33° 28′ 21″N 129° 59′ 08″E
(40(1757)97 Tokyo)

97412 7Ed. 10/19/96 LAST NM 8/98 16/98
Substitute Disused submarine cables (2) for submarine cables (2) between 33° 27′ 16″N 129° 58′ 35″E
33° 27′ 51″N 129° 58′ 36″E
(43(1888)97 Tokyo)

97412 7Ed. 10/19/96 LAST NM 16/98 12/99
Add Dangerous wreck 33° 34′ 47″N 129° 54′ 40″E
(6(243)99 Tokyo)

97412 7Ed. 10/19/96 LAST NM 12/99 38/99
Delete Depth 8.9 meters 33° 28′ 53.0″N 129° 57′ 03.0″E
Add Depth 8.3 meters 33° 28′ 53.0″N 129° 56′ 58.0″E
Depth 12.6 meters 33° 28′ 53.0″N 129° 57′ 03.0″E
Depth 14.3 meters 33° 28′ 50.0″N 129° 56′ 59.0″E
Depth 12.9 meters 33° 28′ 50.0″N 129° 57′ 15.0″E
Depth 12.4 meters 33° 28′ 44.0″N 129° 57′ 06.0″E
Depth 12.4 meters 33° 28′ 44.0″N 129° 57′ 11.0″E
Depth 12.2 meters 33° 28′ 43.0″N 129° 57′ 00.0″E
Depth 4.8 meters 33° 28′ 42.0″N 129° 56′ 54.0″E
(12(506)98 Tokyo)

97412 7Ed. 10/19/96 LAST NM 38/99 40/02
Substitute Solid line for dashed line in vicinity
33° 28′ 40.0″N 129° 56′ 24.0″E
and delete legend "Under Constr"
(34(1171)02 Tokyo)

97412 7Ed. 10/19/96 LAST NM 40/02 47/03
Change Light to Fl G 4s 12m 5M 33° 28′ 20.0″N 129° 59′ 10.0″E
(37(1422)03 Tokyo)

97412 7Ed. 10/19/96 LAST NM 47/03 50/05
Add Depth 2.8 meters 33° 35′ 14.8″N 129° 54′ 22.1″E
(39(1176)05 Tokyo)

97412 7Ed. 10/19/96 LAST NM 50/05 42/06
Change Light to Iso R 6s 11m 4M 33° 32′ 15.0″N 129° 58′ 03.0″E
(47(1409)05 Tokyo)

97412 7Ed. 10/19/96 LAST NM 42/06 8/08
Change Light to Fl 3s 36m 3M 33° 31′ 44.0″N 129° 57′ 25.0″E
(52(1763)07 Tokyo)

97412 7Ed. 10/19/96 LAST NM 8/08 25/09
Add Submarine cable [L30.1] joining
33° 30′ 59.0″N 129° 57′ 31.0″E
33° 31′ 06.0″N 129° 57′ 54.0″E
33° 31′ 37.0″N 129° 58′ 28.0″E
33° 31′ 44.0″N 129° 58′ 28.0″E
(14(579)09 Tokyo)

97412 7Ed. 10/19/96 LAST NM 25/09 44/11
Add Light Fl R 3s 9m 3M 33° 33′ 59.8″N 130° 03′ 10.1″E
(Jpn LL)

97412 7Ed. 10/19/96 LAST NM 44/11 53/11
Change Light to Iso 10s 11m 5M 33° 34′ 56.0″N 129° 54′ 37.0″E
(47(1605)11 Tokyo)

★**97420** 17Ed. 9/20/97 NEW EDITION 4/98
Change Light to
Fl R 6M 33° 25.7′ N 129° 30.9′ E
(AERO) Al Fl WG 5s 62m 33° 53.0′ N 130° 40.0′ E
Oc(2) 10s 40m 17M, F 34° 23.6′ N 130° 56.0′ E

Characteristic of light to
Al Fl WG 20s 33° 36.2′ N 129° 33.3′ E
F Fl(2) G 8s 33° 36.8′ N 130° 09.5′ E
Al Fl(2+1) WR 60s 34° 14.7′ N 130° 06.3′ E

Add HORN at light 34° 01′ 15″N 130° 44′ 20″E

Light
Fl G 12M HORN 34° 00′ 22″N 130° 43′ 45″E
F 95m 34° 23′ 25″N 130° 56′ 27″E

Legend "CONTINUED ON 95320"
34° 27′ 00″N 130° 45′ 00″E
(NIMA; Jpn CH 179, 201; Jpn LL)

97420 17Ed. 9/20/97 LAST NM 4/98 7/98
Delete Submarine cable between 33° 47.2′ N 130° 15.9′ E
33° 47.1′ N 130° 13.6′ E

Submarine cable in vicinity 33° 40.0′ N 130° 14.3′ E

Add Submarine cable joining 33° 47.2′ N 130° 15.9′ E
33° 46.6′ N 130° 14.9′ E
33° 46.6′ N 130° 14.0′ E
33° 47.1′ N 130° 13.6′ E
(37(1666), 38(1693)97 Tokyo)

97

97420 17Ed. 9/20/97 LAST NM 7/98 12/98
Substitute Disused submarine cable for submarine cable joining 33° 51.2′ N 130° 29.1′ E
33° 53.1′ N 130° 28.7′ E
33° 53.7′ N 130° 27.2′ E
33° 54.1′ N 130° 26.7′ E
(42(1837)97 Tokyo)

97420 17Ed. 9/20/97 LAST NM 12/98 13/98
Substitute Depth 17.6 meters for 21 meters 33° 49′ 10″N 130° 18′ 47″E
(3(131)98 Tokyo)

97420 17Ed. 9/20/97 LAST NM 13/98 15/98
Delete Depth 5.8 meters 33° 57.2′ N 130° 43.0′ E

Substitute Depth 13.3 meters Rk for 17 meters R 33° 43.8′ N 130° 12.2′ E

Add Depth 4.5 meters 33° 57′ 07″N 130° 43′ 01″E
(7(302), 9(388)98 Tokyo)

97420 17Ed. 9/20/97 LAST NM 15/98 21/98
Add Fish haven symbol 34° 05′ 18″N 130° 51′ 35″E
34° 09′ 36″N 130° 50′ 39″E
(15(646)98 Tokyo)

97420 17Ed. 9/20/97 LAST NM 21/98 28/98
Add Fish haven symbol 33° 23′ 24″N 129° 36′ 12″E
(21(888)98 Tokyo)

97420 17Ed. 9/20/97 LAST NM 28/98 52/98
Add Depth 4.3 meters Rk 33° 54′ 40″N 130° 28′ 48″E
(33(1395)98 Tokyo)

97420 17Ed. 9/20/97 LAST NM 52/98 8/99
Add Stranded wreck 33° 58.3′ N 130° 46.3′ E
(2(66)99 Tokyo)

97420 17Ed. 9/20/97 LAST NM 8/99 9/99
Add Dangerous wreck 33° 38.5′ N 130° 07.2′ E
(3(95)99 Tokyo)

97420 17Ed. 9/20/97 LAST NM 9/99 12/99
Delete Depth 17.6 meters 33° 49.2′ N 130° 18.8′ E
(See 13/98-97420)

Add Fish haven symbol 34° 09′ 04″N 130° 52′ 14″E
Dangerous wreck 33° 34′ 47″N 129° 54′ 40″E
Wreck 33° 41′ 06″N 129° 07′ 54″E

Depth
23.5 meters Rk 33° 45′ 57″N 130° 19′ 55″E
16.9 meters Rk 33° 49′ 08″N 130° 18′ 41″E
27 meters Rk 33° 48′ 17″N 130° 10′ 56″E
26 meters Rk 33° 49′ 54″N 130° 09′ 59″E
(5(169), 6(220, 243), 7(287)99 Tokyo)

97420 17Ed. 9/20/97 LAST NM 12/99 14/99
Add Wreck 33° 50′ 59″N 129° 39′ 40″E
(8(334)99 Tokyo)

97420 17Ed. 9/20/97 LAST NM 14/99 18/99
Add Light Fl(2) R 6s 9m 6M 34° 19′ 05″N 130° 53′ 28″E
(5(192)98 Tokyo)

97420 17Ed. 9/20/97 LAST NM 18/99 19/99
Change Light to Iso G 6s 8m 6M 34° 01′ 26″N 130° 54′ 34″E
(6(241)98 Tokyo)

97420 17Ed. 9/20/97 LAST NM 19/99 20/99
Add Beacon BRB, double ball topmark, Fl(2) 5s 14m 6M 33° 28′ 37″N 129° 46′ 56″E
(7(303)98 Tokyo; Jpn LL)

97420 17Ed. 9/20/97 LAST NM 18/99 21/99
Delete Depth 0.2 meter 33° 56.0′ N 130° 40.7′ E
Dangerous wreck 33° 57.9′ N 130° 43.9′ E

Substitute Depth 3.8 meters for 3.6 meters 33° 58.0′ N 130° 45.1′ E

Add Depth 9.5 meters Obstn 33° 39.1′ N 130° 16.3′ E
(10(434), 12(500)99 Tokyo)

97420 17Ed. 9/20/97 LAST NM 21/99 22/99
Add Submarine cable joining 33° 39.5′ N 130° 12.4′ E
33° 39.6′ N 130° 12.1′ E
33° 41.8′ N 130° 11.6′ E
33° 42.2′ N 130° 11.3′ E
33° 42.7′ N 130° 11.0′ E
33° 45.9′ N 130° 07.9′ E
33° 50.5′ N 130° 02.5′ E
33° 51.5′ N 130° 02.5′ E
33° 51.8′ N 130° 02.3′ E
(9(390)98 Tokyo)

97420 17Ed. 9/20/97 LAST NM 22/99 31/99
Delete Stranded wreck 33° 58.3′ N 130° 46.3′ E
(Supersedes 8/99-97420)
(25(1102)99 Tokyo)

97420 17Ed. 9/20/97 LAST NM 31/99 40/99
Change Light to Fl R 6M 34° 14.1′ N 130° 06.3′ E
(13(573)98 Tokyo; Jpn LL)

97420 17Ed. 9/20/97 LAST NM 40/99 43/99
Delete Dangerous wreck 33° 38.5′ N 130° 07.2′ E
Depth 9.5 meters Obstn 33° 39.1′ N 130° 16.3′ E
(See 9, 21/99-97420)

Substitute Depth 12.5 meters [I10] for 12.8 meters R 33° 23.3′ N 129° 35.0′ E

Change Light to Fl R 3M 34° 24.4′ N 130° 58.3′ E

Add Depth 40 meters Wk [K26] 34° 04.6′ N 130° 44.8′ E
(17(709)98, 37(1540), 38(1556, 1557, 1571)99 Tokyo)

97420 17Ed. 9/20/97 LAST NM 43/99 45/99
Add Wreck [K29] 34° 14.8′ N 130° 23.9′ E
(39(1590)99 Tokyo)

97420 17Ed. 9/20/97 LAST NM 45/99 46/99
Add Fish haven symbol [K46.1] 33° 41.3′ N 130° 21.9′ E
Fish haven symbol [K46.1] 33° 41.0′ N 130° 17.1′ E
Fish haven symbol [K46.1] 33° 38.2′ N 130° 17.4′ E
(40(1635)99 Tokyo)

97420 17Ed. 9/20/97 LAST NM 46/99 1/00
Change Light to Fl G 6M 34° 04.0′ N 130° 54.0′ E

Add Wreck [K29] 33° 44.1′ N 129° 55.0′ E
Fish haven symbol [K46.1] 33° 56.3′ N 130° 41.3′ E
Fish haven symbol [K46.1] 33° 55.6′ N 130° 40.7′ E
Fish haven symbol [K46.1] 33° 55.1′ N 130° 39.6′ E
Fish haven symbol [K46.1] 33° 36.5′ N 129° 53.7′ E
(42(1706, 1707), 47(1880, 1907)99 Tokyo)

97420 17Ed. 9/20/97 LAST NM 1/00 10/00
Add Rock which covers and uncovers [K11] 33° 35.2′ N 129° 50.9′ E
(1(35)00 Tokyo)

97420 17Ed. 9/20/97 LAST NM 10/00 39/00
Add Dangerous wreck [K28] 33° 58.2′ N 130° 50.5′ E
(28(1018)00 Tokyo)

97420 17Ed. 9/20/97 LAST NM 39/00 49/00
Delete Submarine cables (2) in vicinity 34° 04.5′ N 130° 49.9′ E

Add Fish haven symbol [K46.1] 33° 41.7′ N 130° 23.2′ E
(29(1036, 1037)00 Tokyo)

97420 17Ed. 9/20/97 LAST NM 49/00 50/00
Delete Dangerous wreck 33° 58.2′ N 130° 50.5′ E
(Supersedes 39/00-97420)
(43(1572)00 Tokyo)

97420 17Ed. 9/20/97 LAST NM 50/00 5/01
Add Depth 18.8 meters Rk [K14.2] 33° 42.0′ N 130° 15.6′ E
(1(40)01 Tokyo)

97420 17Ed. 9/20/97 LAST NM 5/01 7/01
Add Depth 22.5 meters Rk [K14.1] 33° 43.7′ N 130° 15.6′ E
Depth 25 meters Rk [K14.1] 33° 44.1′ N 130° 15.3′ E
(19(662)00 Tokyo)

97420 17Ed. 9/20/97 LAST NM 7/01 12/01
Add Wreck [K29] 33° 47.9′ N 130° 15.5′ E
(7(270)01 Tokyo)

97420 17Ed. 9/20/97 LAST NM 12/01 13/01
Delete Disused submarine cable between 33° 51.1′ N 130° 29.1′ E
33° 54.2′ N 130° 26.6′ E

Light 33° 59.3′ N 130° 49.1′ E

Add Light Fl(2) G 6s 6M 33° 59.2′ N 130° 49.1′ E
(31(1298), 35(1467), 49(2031)98 Tokyo)

97420 17Ed. 9/20/97 LAST NM 13/01 18/01
Change Visibility (range) of light to 6M 34° 22.0′ N 130° 58.5′ E
(14(584)99 Tokyo)

97420 17Ed. 9/20/97 LAST NM 18/01 19/01
Add Depth 19 meters Rk [K14.2] 33° 42.5′ N 130° 15.3′ E
(10(347)01 Tokyo)

97420 17Ed. 9/20/97 LAST NM 19/01 22/01
Delete Submarine cable in vicinity 33° 28.5′ N 129° 46.7′ E

Add Wreck [K29] 33° 31.4′ N 129° 48.4′ E
(10(330), 19(641)00 Tokyo)

97420 17Ed. 9/20/97 LAST NM 22/01 23/01
Substitute Disused submarine cable [L32] for
submarine cable in vicinity 33° 15.3′ N 129° 05.0′ E
Disused submarine cables (2) [L32] for
submarine cable in vicinity 33° 14.8′ N 129° 05.2′ E

Add Fish haven symbol [K46.1] 33° 24.3′ N 129° 34.9′ E
(26(928), 39(1409)00 Tokyo)

97420 17Ed. 9/20/97 LAST NM 23/01 29/01
Change Visibility (range) of light to 3M 34° 11.5′ N 129° 17.7′ E
(Jpn LL)

97420 17Ed. 9/20/97 LAST NM 29/01 32/01
Change Period of light to 12s 34° 23.6′ N 130° 56.0′ E

Add Fish haven symbol [K46.1] 33° 38.1′ N 130° 07.0′ E
(13(427), 25(879)00 Tokyo)

97420 17Ed. 9/20/97 LAST NM 32/01 33/01
Add Wreck [K29] 33° 49.0′ N 129° 48.0′ E
(10(331)00 Tokyo)

97420 17Ed. 9/20/97 LAST NM 33/01 34/01
Substitute Depth 27 meters Wk [K26] for
dangerous wreck 33° 45.2′ N 130° 18.4′ E

Add Fish haven symbol [K46.1] 34° 00.8′ N 130° 47.8′ E
(26(927), 47(1692)00 Tokyo)

97420 17Ed. 9/20/97 LAST NM 34/01 35/01
Add Dangerous wreck [K28] 33° 41.0′ N 130° 09.6′ E
(42(1532)00 Tokyo)

97420 17Ed. 9/20/97 LAST NM 35/01 36/01
Substitute Depth 6 meters Rk [K14.2] for 18 meters
33° 38.8′ N 130° 11.7′ E

Add Depth 17 meters Rk [K14.1] 33° 41.2′ N 130° 12.2′ E
(31(1242)01 Tokyo)

97420 17Ed. 9/20/97 LAST NM 36/01 38/01
Delete Dangerous wreck 33° 41.0′ N 130° 09.6′ E
(Supersedes 35/01-97420)
(32(1284)01 Tokyo)

97420 17Ed. 9/20/97 LAST NM 38/01 40/01
Delete Wreck 33° 47.9′ N 130° 15.5′ E
(Supersedes 12/01-97420)
(34(1367)01 Tokyo)

97420 17Ed. 9/20/97 LAST NM 40/01 43/01
Delete Dangerous wreck 33° 39.4′ N 130° 09.0′ E
(38(1473)01 Tokyo)

97420 17Ed. 9/20/97 LAST NM 43/01 46/01
Add Fish haven symbol [K46.1] 33° 41.3′ N 130° 10.0′ E
(41(1562)01 Tokyo)

97420 17Ed. 9/20/97 LAST NM 46/01 51/01
Delete Light (Fl G 11M) 33° 21.4′ N 129° 26.2′ E
(46(1744)01 Tokyo)

97420 17Ed. 9/20/97 LAST NM 51/01 8/02
Add Stranded wreck [K24] 34° 21.5′ N 130° 50.5′ E
(52(1968)01 Tokyo)

97420 17Ed. 9/20/97 LAST NM 8/02 9/02
Add Wreck [K29] 34° 19.4′ N 130° 11.0′ E
(2(63)02 Tokyo)

97420 17Ed. 9/20/97 LAST NM 9/02 21/02
Change Light to Iso 6s 101m 13M 33° 26.4′ N 129° 25.8′ E
(15(534)02 Tokyo)

97420 17Ed. 9/20/97 LAST NM 21/02 34/02
Add Depth 26 meters 33° 47.8′ N 129° 53.9′ E
(26(914)02 Tokyo)

97420 17Ed. 9/20/97 LAST NM 34/02 39/02
Change Visibility (range) of beacon to 4M 33° 42.1′ N 130° 09.0′ E
(32(1099)02 Tokyo)

97420 17Ed. 9/20/97 LAST NM 39/02 42/02
Delete Submarine cable in vicinity 34° 23.3′ N 130° 32.8′ E
(35(1203)02 Tokyo)

97420 17Ed. 9/20/97 LAST NM 42/02 47/02
Delete Depth 34 meters 33° 47.6′ N 129° 53.8′ E

Substitute Depth 26 meters rky for 26 meters 33° 47.8′ N 129° 53.9′ E
(See 34/02-97420)

Change Light to Fl 3s 4M 34° 00.6′ N 130° 48.7′ E
Visibility (range) of beacon to 4M 33° 48.1′ N 130° 15.9′ E
(41(1394, 1402, 1403)02 Tokyo)

97420 17Ed. 9/20/97 LAST NM 47/02 52/02
Change Period of light to 6s 33° 42.3′ N 129° 43.0′ E
(49(2032)98 Tokyo)

97420 17Ed. 9/20/97 LAST NM 52/02 1/03
Change Visibility (range) of light to 3M 34° 02.4′ N 130° 53.6′ E
(44(1501)02 Tokyo)

97420 17Ed. 9/20/97 LAST NM 1/03 8/03
Change Light to Fl 5s 144m 7M 34° 19.0′ N 129° 24.7′ E

Add Wreck [K29] (PA) 33° 44.0′ N 129° 57.3′ E
(51(1792, 1793)02 Tokyo)

97420 17Ed. 9/20/97 LAST NM 8/03 10/03
Change Visibility (range) of light to 7M 33° 40.9′ N 130° 14.1′ E
(4(117)03 Tokyo)

97420 17Ed. 9/20/97 LAST NM 10/03 33/03
Add Depth 34 meters 33° 20.3′ N 129° 09.1′ E
(26(1001)03 Tokyo)

97420 17Ed. 9/20/97 LAST NM 33/03 38/03
Delete Depth 34 meters 33° 20.3′ N 129° 09.1′ E
(Supersedes 33/03-97420)

Add Depth 34 meters R 33° 21.0′ N 129° 08.3′ E
(32(1239)03 Tokyo)

97420 17Ed. 9/20/97 LAST NM 38/03 40/03
Delete Stranded wreck 34° 21.5′ N 130° 50.5′ E

Add Wreck [K29] 34° 02.3′ N 130° 03.8′ E
Wreck [K29] 34° 24.9′ N 130° 18.0′ E
(34(1313, 1321)03 Tokyo)

97420 17Ed. 9/20/97 LAST NM 40/03 45/03
Change Visibility (range) of light to 13M 33° 31.1′ N 129° 49.7′ E
(38(1449)03 Tokyo)

97420 17Ed. 9/20/97 LAST NM 45/03 1/04
Change Visibility (range) of light to 12M 33° 47.2′ N 130° 27.0′ E
(43(1621)03 Tokyo)

97420 17Ed. 9/20/97 LAST NM 1/04 13/04
Add Fish haven symbol [K46.1] 34° 22.3′ N 130° 51.5′ E
(1(1)04 Tokyo)

97420 17Ed. 9/20/97 LAST NM 13/04 14/04
Change Visibility (range) of light to 3M 34° 18.8′ N 130° 53.3′ E
(31(1189)03 Tokyo)

97420 17Ed. 9/20/97 LAST NM 14/04 17/04
Substitute Depth 55 meters Wk [K26] for wreck
34° 02.3′ N 130° 03.8′ E

Depth 101 meters Wk [K26] for wreck
34° 24.9′ N 130° 18.0′ E

(See 40/03-97420)
(8(222)04 Tokyo)

97420 17Ed. 9/20/97 LAST NM 17/04 23/04
Change Light to Fl 3s 3M 33° 42.5′ N 129° 41.6′ E
(46(1706)03 Tokyo; Jpn LL)

97420 17Ed. 9/20/97 LAST NM 23/04 24/04
Add Fish haven symbol [K46.1] 34° 15.7′ N 129° 10.8′ E
(47(1745)03 Tokyo)

97420 17Ed. 9/20/97 LAST NM 24/04 28/04
Add Submarine cable [L30.1] joining 33° 46.3′ N 130° 28.3′ E
33° 45.8′ N 130° 27.2′ E
33° 45.8′ N 130° 26.0′ E
33° 52.0′ N 130° 19.3′ E
33° 57.4′ N 130° 18.2′ E
34° 12.0′ N 130° 17.1′ E
34° 27.2′ N 130° 20.9′ E
(32(1322)99 Tokyo)

97420 17Ed. 9/20/97 LAST NM 28/04 38/04
Change Light to Fl(2) R 6s 3M 33° 54.6′ N 130° 39.6′ E
Light to Fl R 5M 33° 56.0′ N 130° 43.9′ E
Light to Fl R 5M 33° 53.2′ N 130° 34.1′ E
Light to Fl(2) G 7M 33° 52.9′ N 130° 31.6′ E
Light to Fl R 7M 33° 51.3′ N 130° 29.0′ E
Light to Fl(2) R 5M 34° 09.6′ N 130° 54.6′ E
Light to Fl R 3s 5M 34° 10.6′ N 130° 55.6′ E
Light to Fl G 3s 3M 34° 20.7′ N 130° 55.7′ E
(Jpn LL)

97420 17Ed. 9/20/97 LAST NM 38/04 39/04
Substitute Depth 28 meters for 38 meters 33° 30.9′ N 129° 36.2′ E
(29(777)04 Tokyo)

97420 17Ed. 9/20/97 LAST NM 39/04 11/05
Add Light Fl(2) G 7M 33° 57.2′ N 130° 46.5′ E
Light Fl(2) R 5M 33° 57.4′ N 130° 46.2′ E
(49(1265)04 Tokyo)

97420 17Ed. 9/20/97 LAST NM 11/05 13/05
Add Fish haven symbol [K46.1] 33° 46.6′ N 130° 13.2′ E
(4(105)05 Tokyo)

97420 17Ed. 9/20/97 LAST NM 13/05 14/05
Substitute Danger circle [K1] for buoy "(Y Lt)"
34° 00.8′ N 130° 47.5′ E

Note: Legend "Wave Meter" remains

Add Fish haven symbol [K46.1] 34° 10.9′ N 130° 51.9′ E
(50(1306)04, 6(161)05 Tokyo)

97420 17Ed. 9/20/97 LAST NM 14/05 6/06
Add Submarine cable [L30.1] joining 33° 20.8′ N 128° 51.9′ E
33° 27.5′ N 128° 59.9′ E
33° 46.7′ N 129° 27.1′ E
33° 52.5′ N 129° 31.4′ E
33° 55.5′ N 129° 49.9′ E
33° 55.9′ N 130° 00.3′ E
33° 50.5′ N 130° 10.8′ E
33° 50.5′ N 130° 16.5′ E
33° 49.7′ N 130° 20.7′ E
33° 48.8′ N 130° 22.7′ E
(45(1824)99 Tokyo)

97420 17Ed. 9/20/97 LAST NM 6/06 23/06
Change Visibility (range) of light to 5M 33° 27.7′ N 129° 44.6′ E
(9(267)06 Tokyo)

97420 17Ed. 9/20/97 LAST NM 23/06 28/06
Delete Submarine cables (2) in vicinity 33° 27.6′ N 129° 32.0′ E
(23(679)06 Tokyo)

97420 17Ed. 9/20/97 LAST NM 28/06 32/06
Change Visibility (range) of light to 5M 33° 15.3′ N 129° 08.0′ E
(15(460)06 Tokyo)

97420 17Ed. 9/20/97 LAST NM 32/06 42/06
Change Visibility (range) of light to 13M 33° 28.3′ N 129° 29.8′ E
Visibility (range) of light to 3M 33° 29.7′ N 129° 33.3′ E
Visibility (range) of light to 13M 33° 30.6′ N 129° 33.3′ E
Visibility (range) of light to 4M 33° 32.2′ N 129° 58.0′ E
Light to Fl(2) 6s 14m 7M 33° 45.2′ N 129° 38.7′ E
Light to Fl R 3M 33° 15.1′ N 129° 05.5′ E
Visibility (range) of light to 4M 33° 15.5′ N 129° 07.9′ E
Light to Iso 6s 101m 13M, F 33° 26.4′ N 129° 25.8′ E
(47(1409-1411)05, 14(434)06 Tokyo)

97420 17Ed. 9/20/97 LAST NM 42/06 6/07
Change Visibility (range) of light to 5M 33° 16.3′ N 129° 09.4′ E
(47(1405)06 Tokyo)

97420 17Ed. 9/20/97 LAST NM 6/07 8/08
Change Visibility (range) of light to 5M 33° 44.5′ N 129° 47.3′ E
Visibility (range) of light to 3M 33° 31.7′ N 129° 57.4′ E
Light to Fl R 3M & F 33° 49.0′ N 129° 45.8′ E
(52(1760, 1761, 1763)07 Tokyo)

97420 17Ed. 9/20/97 LAST NM 8/08 12/08
Change Light to Iso 6s 30m 5M 33° 33.9′ N 129° 45.8′ E
Light to Fl 3M 33° 27.1′ N 129° 46.9′ E
Light to Fl 4s 49m 5M 33° 23.9′ N 129° 40.3′ E
Visibility (range) of light to 4M 33° 23.4′ N 129° 33.8′ E
Light to Fl 5s 46m 3M 33° 28.3′ N 129° 29.9′ E
Light to Fl R 3s 13m 3M 33° 28.4′ N 129° 33.4′ E
Light to Fl 4s 5M 33° 30.6′ N 129° 33.4′ E
Light to Fl(2) 6s 3M 33° 26.3′ N 129° 32.8′ E
(52(1762, 1764, 1766-68)07 Tokyo)

97420 17Ed. 9/20/97 LAST NM 12/08 25/08
Delete Ramark at light 34° 06.2′ N 129° 10.1′ E
(18(572)08 Tokyo)

97420 17Ed. 9/20/97 LAST NM 25/08 32/08
Add Submarine cable [L30.1] joining 33° 56.8′ N 130° 48.5′ E
33° 58.4′ N 130° 47.2′ E
33° 59.7′ N 130° 46.0′ E
34° 00.5′ N 130° 45.9′ E
34° 02.7′ N 130° 44.3′ E
34° 04.1′ N 130° 43.3′ E
34° 06.7′ N 130° 37.9′ E
34° 08.0′ N 130° 35.0′ E
34° 12.0′ N 130° 29.8′ E
34° 17.2′ N 130° 28.6′ E
34° 27.2′ N 130° 21.1′ E

Submarine cable [L30.1] joining 33° 44.2′ N 130° 27.5′ E
33° 45.1′ N 130° 25.2′ E
33° 46.3′ N 130° 22.6′ E
33° 45.9′ N 130° 19.0′ E
33° 45.0′ N 130° 12.9′ E
33° 46.3′ N 130° 09.8′ E
33° 49.7′ N 130° 04.7′ E
33° 49.4′ N 130° 00.2′ E
33° 50.9′ N 129° 57.8′ E
33° 53.2′ N 129° 56.4′ E

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97420 (Continued) 32/08
34° 00.2′ N 129° 52.9′ E
34° 04.3′ N 129° 51.6′ E
34° 09.0′ N 129° 50.6′ E
34° 14.6′ N 129° 51.5′ E
34° 17.6′ N 129° 51.3′ E
34° 23.3′ N 129° 52.4′ E
34° 27.2′ N 129° 52.6′ E
(17(226)02 Inchon)

97420 17Ed. 9/20/97 LAST NM 32/08 38/08
Change Light to Fl(2) G 6s 13m 3M 34° 16.3′ N 130° 53.3′ E
(18(559)08 Tokyo)

97420 17Ed. 9/20/97 LAST NM 38/08 24/09
Change Visibility (range) of light to 13M 34° 17.9′ N 129° 23.6′ E
(Jpn LL)

97420 17Ed. 9/20/97 LAST NM 24/09 25/09
Change Visibility (range) of light to 8M 34° 19.7′ N 129° 16.0′ E
Visibility (range) of light to 13M 34° 19.9′ N 129° 12.3′ E
Light to Fl 3s 29m 12M, F 33° 18.0′ N 129° 07.6′ E
Visibility (range) of light to 4M 33° 33.9′ N 129° 45.8′ E
Visibility (range) of light to 5M 33° 34.0′ N 129° 53.0′ E
Visibility (range) of light to 13M 34° 11.7′ N 129° 17.9′ E
Characteristic of light to Fl R 3s 34° 11.7′ N 129° 17.5′ E
(9(357, 358), 14(584)09 Tokyo; Jpn LL)

97420 17Ed. 9/20/97 LAST NM 25/09 36/09
Change Visibility (range) of light to 3M 33° 52.3′ N 129° 41.5′ E
(Jpn LL)

97420 17Ed. 9/20/97 LAST NM 36/09 41/09
Add Dangerous wreck [K28] 34° 14.0′ N 130° 54.0′ E
Dangerous wreck [K28] 33° 56.2′ N 130° 38.7′ E
(37(1601, 1603)09 Tokyo)

97420 17Ed. 9/20/97 LAST NM 41/09 46/09
Add Fish haven symbol [K46.1] 33° 59.4′ N 130° 43.7′ E
(33(1423)09 Tokyo)

97420 17Ed. 9/20/97 LAST NM 46/09 47/09
Change Visibility (range) of light to 12M 33° 38.3′ N 130° 18.2′ E
(35(1515)09 Tokyo)

97420 17Ed. 9/20/97 LAST NM 47/09 4/10
Change Visibility (range) of light to 12M 33° 26.4′ N 129° 25.8′ E
Light to Fl 3s 70m 5M 33° 18.1′ N 129° 10.2′ E
(9(365), 33(1426)09 Tokyo; Jpn LL)

97420 17Ed. 9/20/97 LAST NM 4/10 7/10
Change Visibility (range) of light to 3M 33° 38.5′ N 130° 14.0′ E
(Jpn LL)

97420 17Ed. 9/20/97 LAST NM 7/10 11/10
Change Light to Iso 6s 70m 5M 34° 26.5′ N 130° 58.4′ E
Visibility (range) of light to 12M 33° 58.7′ N 130° 52.1′ E
(4(135, 139)10 Tokyo)

97420 17Ed. 9/20/97 LAST NM 11/10 14/10
Change Light to Fl(2) 6s 61m 12M 34° 05.0′ N 129° 12.8′ E
Visibility (range) of light to 12M 34° 19.9′ N 129° 12.3′ E
(4(143, 144)10 Tokyo)

97420 17Ed. 9/20/97 LAST NM 14/10 38/10
Change Visibility (range) of light to 7M 33° 59.0′ N 130° 47.5′ E
Visibility (range) of light to 3M 33° 39.1′ N 130° 12.3′ E
(18(722, 725)10 Tokyo)

97420 17Ed. 9/20/97 LAST NM 38/10 39/10
Change Light to Fl(2) 6s 31m 12M 33° 42.3′ N 129° 43.0′ E
(14(556)10 Tokyo)

97420 17Ed. 9/20/97 LAST NM 39/10 53/11
Change Visibility (range) of beacon to 5M 33° 28.6′ N 129° 46.9′ E
Visibility (range) of light to 5M 33° 34.9′ N 129° 54.6′ E
Visibility (range) of light to 5M 33° 50.0′ N 129° 39.5′ E
Visibility (range) of light to 3M 33° 46.0′ N 129° 48.9′ E
(47(1605-1607)11 Tokyo)

97420 17Ed. 9/20/97 LAST NM 53/11 6/12
Change Visibility (range) of light to 5M 33° 25.3′ N 129° 32.1′ E
Visibility (range) of light to 7M 33° 14.5′ N 129° 11.2′ E
(47(1608, 1611)11 Tokyo)

★97420 17Ed. 9/20/97 LAST NM 6/12 8/13
Substitute Depth 107 meters for 119 meters 33° 25.2′ N 128° 55.2′ E

Add Depth 90 meters 33° 44.7′ N 129° 25.0′ E
(NTM0004/2013)

★97421 13Ed. 3/30/96 NEW EDITION 30/96
Delete Pilot station symbol 33° 40′ 58″N 130° 14′ 10″E

Change Light to
Iso G 6s 11M 33° 39′ 37″N 130° 18′ 47″E
Fl 3s 11m 11M 33° 38′ 36″N 130° 20′ 11″E
(DMA; Jpn LL)

97421 13Ed. 3/30/96 LAST NM 30/96 31/96
Delete Dashed line between 33° 36′ 55″N 130° 24′ 00″E
33° 37′ 02″N 130° 24′ 14″E

Legend "Being...1992)" 33° 36′ 54″N 130° 24′ 12″E

Substitute Solid line for dashed line between
33° 36′ 45″N 130° 24′ 12″E
33° 36′ 55″N 130° 24′ 00″E

Change Legend to "TR (109)" 33° 36′ 16″N 130° 23′ 58″E
(25(1192)96 Tokyo)

97421 13Ed. 3/30/96 LAST NM 31/96 33/96
Delete Buoy 33° 37.8′ N 130° 24.1′ E
(28(1361)96 Tokyo)

97421 13Ed. 3/30/96 LAST NM 33/96 45/96
Add Buoy G, conical, (G Lt) 33° 37′ 46″N 130° 24′ 07″E
(40(1926)96 Tokyo)

97421 13Ed. 3/30/96 LAST NM 45/96 21/97
Delete Buoy 33° 38′ 37″N 130° 23′ 27″E
33° 38′ 30″N 130° 23′ 46″E
(12(508)97 Tokyo)

97421 13Ed. 3/30/96 LAST NM 21/97 40/97
Relocate Buoy close NE to 33° 42′ 46″N 130° 23′ 43″E
(23(1037)97 Tokyo)

97421 13Ed. 3/30/96 LAST NM 40/97 51/97
Change Height of light to 16m 33° 39′ 10″N 130° 12′ 19″E

Add Fish haven symbol 33° 42′ 25″N 130° 18′ 46″E
(30(1365), 32(1443)97 Tokyo)

97421 13Ed. 3/30/96 LAST NM 51/97 7/98
Delete Submarine cable between 33° 39′ 04″N 130° 14′ 00″E
33° 41′ 04″N 130° 14′ 15″E
(38(1693)97 Tokyo)

97421 13Ed. 3/30/96 LAST NM 7/98 8/98
Add Buoy
Y, spar, (Y Lt) 33° 42′ 28.2″N 130° 23′ 16.8″E
Y, pillar, (Y Lt) 33° 36′ 40.7″N 130° 16′ 35.5″E

Submarine pipeline (water) between
33° 36′ 19.0″N 130° 16′ 30.0″E
33° 36′ 40.7″N 130° 16′ 35.5″E
(40(1758, 1759)97 Tokyo)

97421 13Ed. 3/30/96 LAST NM 8/98 26/98
Add Chartlet, depicting changes in hydrography and topography, from Subsection I-2 33° 38′ 42″N 130° 12′ 18″E
(30(1365)97 Tokyo)

97421 13Ed. 3/30/96 LAST NM 26/98 14/99
Add Solid line (detached breakwater) between 33° 36′ 00.0″N 130° 21′ 45.8″E
33° 35′ 59.2″N 130° 21′ 44.4″E

Position circle "R Lt" 33° 36′ 00.0″N 130° 21′ 45.8″E
(8(308)99 Tokyo)

97421 13Ed. 3/30/96 LAST NM 14/99 20/99
Add Chartlet, depicting changes in hydrography and topography, from Subsection I-2 33° 39′ 00″N 130° 25′ 00″E
(47(2034)97 Tokyo; Jpn CH 190)

97421 13Ed. 3/30/96 LAST NM 14/99 21/99
Add Depth 9.5 meters Obstn 33° 39′ 04.1″N 130° 16′ 17.7″E
(10(434)99 Tokyo)

97421 13Ed. 3/30/96 LAST NM 21/99 22/99
Add Submarine cable
joining 33° 39′ 02.5″N 130° 13′ 58.7″E
33° 39′ 06.7″N 130° 14′ 18.6″E
33° 40′ 49.7″N 130° 14′ 40.6″E
33° 40′ 58.7″N 130° 14′ 36.1″E
33° 41′ 14.7″N 130° 14′ 14.4″E

joining 33° 39′ 30.9″N 130° 12′ 26.4″E
33° 39′ 35.7″N 130° 12′ 07.8″E
33° 40′ 12.0″N 130° 12′ 00.0″E
(9(389, 390)98 Tokyo)

97421 13Ed. 3/30/96 LAST NM 22/99 27/99
Add Buoy G, conical, (G Lt) 33° 39′ 33″N 130° 21′ 59″E
Buoy R, conical, (R Lt) 33° 39′ 33″N 130° 22′ 01″E
Buoy R, conical, (R Lt) 33° 39′ 38″N 130° 22′ 02″E
(4(151)98 Tokyo)

97421 13Ed. 3/30/96 LAST NM 27/99 43/99
Delete Depth 9.5 meters Obstn 33° 39′ 04″N 130° 16′ 18″E
(Supersedes 21/99-97421)
(37(1540)99 Tokyo)

97421 13Ed. 3/30/96 LAST NM 43/99 46/99
Delete Depth 15.3 meters 33° 38′ 11″N 130° 17′ 25″E

Add Fish haven symbol [K46.1] 33° 41′ 18″N 130° 21′ 55″E
"Fish haven" area [K46.1] with blue tint bound by dotted line (limiting danger line) joining
33° 40′ 59″N 130° 17′ 09″E
33° 41′ 04″N 130° 17′ 06″E
33° 41′ 03″N 130° 17′ 02″E
33° 40′ 58″N 130° 17′ 05″E
"Fish haven" area [K46.1] with blue tint bound by dotted line (limiting danger line) joining
33° 38′ 06″N 130° 17′ 23″E
33° 38′ 10″N 130° 17′ 32″E
33° 38′ 13″N 130° 17′ 27″E
33° 38′ 11″N 130° 17′ 20″E
(40(1635)99 Tokyo)

97421 13Ed. 3/30/96 LAST NM 46/99 46/00
Relocate Buoy "2" from
33° 38′ 18.9″N 130° 20′ 01.1″E to
33° 38′ 13.3″N 130° 20′ 03.2″E
Buoy "8" from
33° 37′ 39.5″N 130° 21′ 36.0″E to
33° 37′ 40.4″N 130° 21′ 31.7″E

Add Buoy "4" R, pillar, cone topmark, Fl R 3s
33° 37′ 56.9″N 130° 20′ 45.3″E
Buoy "E2" R, pillar, cone topmark, Fl(2) R 6s
33° 38′ 02.4″N 130° 21′ 25.4″E
(38(1377)00 Tokyo)

97421 13Ed. 3/30/96 LAST NM 46/00 49/00
Add Fish haven symbol [K46.1] 33° 41′ 44.0″N 130° 23′ 15.0″E
Fish haven symbol [K46.1] 33° 41′ 33.0″N 130° 22′ 55.0″E
(29(1037)00 Tokyo)

97421 13Ed. 3/30/96 LAST NM 49/00 5/01
Add Depth 18.8 meters Rk [K14.2]
33° 42′ 00.4″N 130° 15′ 38.4″E
Depth 20.3 meters Rk [K14.1]
33° 42′ 18.2″N 130° 15′ 29.5″E
Depth 19.8 meters Rk [K14.2]
33° 42′ 34.5″N 130° 15′ 28.3″E
(1(40)01 Tokyo)

97421 13Ed. 3/30/96 LAST NM 5/01 19/01
Delete Buoy 33° 42′ 46.0″N 130° 23′ 43.0″E

Relocate Buoy "E4" from
33° 38′ 21.0″N 130° 22′ 11.0″E
to 33° 38′ 25.3″N 130° 22′ 08.3″E
Buoy "E3" from
33° 38′ 27.0″N 130° 22′ 08.0″E
to 33° 38′ 31.1″N 130° 22′ 04.6″E

Change Designation of buoy "9" to "7"
33° 37′ 12.0″N 130° 23′ 00.0″E
Buoy "1" to (undesignated) G, pillar, (G Lt)
33° 37′ 08.8″N 130° 23′ 24.1″E
Buoy "3" to (undesignated) G, pillar, (G Lt)
33° 37′ 14.3″N 130° 23′ 46.1″E

Add Chartlet A, depicting changes in hydrography, from Subsection I-2 33° 38′ 01.0″N 130° 20′ 42.0″E
Chartlet B, depicting changes in hydrography and topography, from Subsection I-2
33° 38′ 55.0″N 130° 24′ 18.0″E

Depth 19 meters Rk [K14.2]
33° 42′ 28.1″N 130° 15′ 19.9″E

Solid line (breakwater) between
33° 41′ 47.7″N 130° 24′ 11.5″E
33° 41′ 44.9″N 130° 24′ 09.5″E

Light Fl G 3s 11m 3M 33° 41′ 45.0″N 130° 24′ 10.0″E
Light Fl G 3s 9m 3M 33° 40′ 05.0″N 130° 17′ 25.0″E
Buoy G, conical, (G Lt) 33° 37′ 11.4″N 130° 23′ 34.7″E

Submarine pipeline (water) [L41.1] between
33° 35′ 53.0″N 130° 18′ 50.4″E
33° 36′ 34.5″N 130° 18′ 30.8″E
(42(1735)98, 3(80), 12(502)99, 32(1123), 36(1292), 39(1408), 43(1549, 1550), 51(1829)00 , 1(13), 10(347), 13(461)01 Tokyo)

97421 13Ed. 3/30/96 LAST NM 19/01 36/01
Add Depth 17 meters Rk [K14.1]
33° 41′ 11.0″N 130° 12′ 11.4″E
(31(1242)01 Tokyo)

97421 13Ed. 3/30/96 LAST NM 36/01 45/01
Change Characteristic of buoy "E6" to Fl R 3s
33° 38′ 50.0″N 130° 23′ 09.6″E
Characteristic of buoy "E5" to Fl G 3s
33° 38′ 56.0″N 130° 23′ 06.1″E
Characteristic of buoy "E4" to Fl R 3s
33° 38′ 25.3″N 130° 22′ 08.3″E
Characteristic of buoy "E3" to Fl G 3s
33° 38′ 31.1″N 130° 22′ 04.6″E
(See 19/01-97421)
(40(1532)01 Tokyo)

97421 13Ed. 3/30/96 LAST NM 45/01 20/02
Delete Dashed line joining 33° 39′ 00.0″N 130° 23′ 36.5″E
33° 39′ 05.0″N 130° 23′ 49.0″E
33° 39′ 13.0″N 130° 23′ 44.0″E

Dashed line joining 33° 39′ 05.0″N 130° 24′ 11.0″E
33° 39′ 07.0″N 130° 24′ 09.0″E
33° 39′ 03.0″N 130° 24′ 00.0″E

Dashed line between 33° 39′ 06.0″N 130° 23′ 48.0″E
33° 39′ 09.1″N 130° 23′ 56.0″E

Dashed line joining 33° 39′ 17.0″N 130° 23′ 52.0″E
33° 39′ 07.5″N 130° 23′ 57.0″E
33° 39′ 14.0″N 130° 24′ 16.0″E

Buoy 33° 38′ 11.0″N 130° 21′ 45.5″E

Dashed line joining 33° 38′ 21.0″N 130° 20′ 01.0″E
33° 38′ 24.5″N 130° 20′ 04.5″E
33° 38′ 12.5″N 130° 20′ 33.0″E
33° 38′ 04.0″N 130° 20′ 53.5″E
33° 38′ 04.0″N 130° 21′ 15.0″E
33° 38′ 12.5″N 130° 21′ 37.0″E
33° 38′ 12.5″N 130° 21′ 18.0″E

Dashed line between 33° 38′ 12.5″N 130° 20′ 33.0″E
33° 38′ 12.5″N 130° 20′ 44.0″E

Dashed line joining 33° 37′ 47.0″N 130° 21′ 36.0″E
33° 37′ 57.0″N 130° 21′ 11.8″E
33° 38′ 07.2″N 130° 21′ 37.0″E

Dashed line between 33° 38′ 04.5″N 130° 21′ 30.0″E
33° 37′ 53.2″N 130° 21′ 36.0″E

Dashed line between 33° 38′ 12.5″N 130° 21′ 33.0″E
33° 38′ 46.8″N 130° 22′ 55.0″E

(continued on next page)

97421 (Continued) 20/02

Dashed line between 33° 38′ 45.2″N 130° 22′ 54.0″E
33° 38′ 51.0″N 130° 22′ 53.0″E

Depth 13.4 meters 33° 38′ 50.5″N 130° 23′ 02.8″E

Depth contour in vicinity 33° 38′ 54.0″N 130° 23′ 02.8″E
(See 19/01-97421)

Relocate Buoy from 33° 38′ 57.0″N 130° 23′ 41.5″E to
33° 39′ 00.0″N 130° 23′ 34.0″E
Buoy from 33° 39′ 06.0″N 130° 24′ 07.0″E to
33° 39′ 05.0″N 130° 23′ 51.7″E
Buoy from 33° 39′ 01.5″N 130° 23′ 36.0″E to
33° 39′ 07.0″N 130° 23′ 29.0″E
Buoy from 33° 39′ 10.0″N 130° 24′ 00.0″E to
33° 39′ 18.0″N 130° 23′ 54.5″E
Buoy from 33° 38′ 38.5″N 130° 22′ 35.0″E to
33° 38′ 43.0″N 130° 22′ 33.0″E
Buoy from 33° 38′ 33.0″N 130° 23′ 38.5″E to
33° 38′ 37.0″N 130° 22′ 36.5″E
Buoy from 33° 38′ 17.0″N 130° 21′ 42.0″E to
33° 38′ 20.8″N 130° 21′ 39.0″E
and delete legend "(temp)"

Change Legend to "14m (1998-2001)"
33° 39′ 15.5″N 130° 24′ 04.0″E
Legend to "14m (1998-2001)"
33° 39′ 00.0″N 130° 23′ 20.0″E
Legend to "14m (1998-2001)"
33° 38′ 08.0″N 130° 21′ 06.0″E
Legend to "12m (1972-2001)"
33° 37′ 57.0″N 130° 21′ 26.0″E

Legend to "Dredged to 12m (1972-2001)"
33° 38′ 00.0″N 130° 20′ 54.0″E

Add Dashed line (dredged area limit) [I20] joining
33° 39′ 00.0″N 130° 23′ 36.5″E
33° 39′ 05.0″N 130° 23′ 51.7″E
33° 39′ 08.0″N 130° 23′ 58.5″E
33° 39′ 03.0″N 130° 24′ 00.0″E
33° 39′ 02.0″N 130° 24′ 01.5″E
33° 39′ 05.0″N 130° 24′ 11.0″E
and delete hydrography between existing
dredged area and dashed line

Dashed line (dredged area limit) [I20] between
33° 39′ 17.0″N 130° 23′ 52.0″E
33° 39′ 13.0″N 130° 23′ 44.0″E
and delete hydrography between existing
dredged area and dashed line

Dashed line (dredged area limit) [I20] joining
33° 38′ 51.0″N 130° 22′ 53.0″E
33° 38′ 43.0″N 130° 22′ 33.0″E
33° 38′ 31.1″N 130° 22′ 04.6″E
33° 38′ 20.8″N 130° 21′ 39.0″E
33° 38′ 12.5″N 130° 21′ 18.0″E
and delete hydrography between existing
dredged area and dashed line

Dashed line (dredged area limit) [I20] joining
33° 38′ 12.5″N 130° 20′ 44.0″E
33° 38′ 25.0″N 130° 20′ 09.0″E
33° 38′ 40.0″N 130° 19′ 19.5″E
33° 38′ 30.2″N 130° 19′ 30.0″E
33° 38′ 21.0″N 130° 20′ 01.0″E
33° 38′ 19.5″N 130° 20′ 06.5″E
33° 38′ 05.5″N 130° 20′ 42.0″E
33° 37′ 54.5″N 130° 21′ 10.0″E
33° 38′ 05.5″N 130° 21′ 37.0″E
33° 38′ 07.2″N 130° 21′ 37.0″E
33° 38′ 12.5″N 130° 21′ 37.0″E
and delete hydrography between existing
dredged area and dashed line

Dashed line (dredged area limit) [I20] between
33° 37′ 53.2″N 130° 21′ 36.0″E
33° 38′ 05.5″N 130° 21′ 37.0″E
and delete hydrography between existing
dredged area and dashed line

Buoy Y, pillar, (Y Lt) 33° 38′ 19.5″N 130° 20′ 06.5″E
Buoy Y, pillar, (Y Lt) 33° 38′ 05.5″N 130° 20′ 42.0″E

Dashed line joining 33° 38′ 12.5″N 130° 21′ 37.0″E
33° 38′ 25.3″N 130° 22′ 08.3″E
33° 38′ 37.0″N 130° 22′ 36.0″E
33° 38′ 45.2″N 130° 22′ 54.0″E
(11(343)02 Tokyo; Jpn CH W1227)

97421 13Ed. 3/30/96 LAST NM 20/02 35/02

Delete Dashed line between 33° 38′ 32.3″N 130° 22′ 27.8″E
33° 38′ 51.0″N 130° 23′ 11.5″E

Dashed line joining 33° 38′ 58.0″N 130° 23′ 31.8″E
33° 39′ 08.0″N 130° 23′ 58.5″E
33° 39′ 02.0″N 130° 24′ 01.5″E

Dashed line between 33° 38′ 28.8″N 130° 22′ 29.0″E
33° 38′ 46.5″N 130° 23′ 14.0″E

Dashed line between 33° 38′ 54.0″N 130° 23′ 33.0″E
33° 39′ 03.0″N 130° 24′ 00.0″E
(See 19/01, 20/02-97421)

Change Legend to "14m (1998-2002)"
33° 38′ 08.0″N 130° 21′ 06.0″E

Add Legend "12m (1972-2001)" 33° 38′ 18.0″N 130° 21′ 56.0″E

Dashed line joining 33° 38′ 32.3″N 130° 22′ 27.8″E
33° 38′ 27.0″N 130° 22′ 30.0″E
33° 38′ 45.0″N 130° 23′ 14.2″E
33° 38′ 51.0″N 130° 23′ 11.5″E

Dashed line joining 33° 38′ 58.0″N 130° 23′ 31.8″E
33° 38′ 51.8″N 130° 23′ 34.0″E
33° 39′ 02.0″N 130° 24′ 01.5″E

Depth 12.8 meters 33° 38′ 45.0″N 130° 23′ 03.0″E
Legend "12m (1972-2001)" 33° 38′ 52.0″N 130° 23′ 24.0″E
(28(957)02 Tokyo)

97421 13Ed. 3/30/96 LAST NM 35/02 36/02

Delete Buoy 33° 38′ 19.5″N 130° 20′ 06.5″E
Buoy 33° 38′ 05.5″N 130° 20′ 42.0″E
(See 19/01, 20/02-97421)

Add Buoy R, pillar, (R Lt) 33° 38′ 35.3″N 130° 19′ 12.9″E
(29(999)02 Tokyo)

97421 13Ed. 3/30/96 LAST NM 36/02 1/03

Change Visibility (range) of light to 9M
33° 36′ 26.0″N 130° 22′ 41.0″E
Visibility (range) of light to 10/6M
33° 36′ 22.0″N 130° 22′ 40.0″E

Add Depth 10.5 meters 33° 40′ 29.0″N 130° 16′ 51.0″E
(43(1494), 44(1510)02 Tokyo)

97421 13Ed. 3/30/96 LAST NM 1/03 10/03

Change Visibility (range) of light to 7M
33° 40′ 52.0″N 130° 14′ 07.0″E
(4(117)03 Tokyo)

97421 13Ed. 3/30/96 LAST NM 10/03 13/03

Delete Buoy 33° 38′ 35.3″N 130° 19′ 12.9″E
Buoy "4" 33° 37′ 49.0″N 130° 21′ 06.0″E
(See 19/01-97421)
(Supersedes 36/02-97421)

Add Buoy Y, pillar, (Y Lt) 33° 38′ 19.5″N 130° 20′ 06.5″E
Buoy Y, pillar, (Y Lt) 33° 38′ 05.5″N 130° 20′ 42.0″E

Buoy "4" R, pillar, cone topmark, Fl R 3s
33° 37′ 57.9″N 130° 20′ 42.8″E
(1(14)03 Tokyo)

97421 13Ed. 3/30/96 LAST NM 13/03 20/03

Delete Buoy "E2" 33° 38′ 12.0″N 130° 21′ 36.0″E
Buoy "E4" 33° 38′ 25.3″N 130° 22′ 08.3″E
Buoy "E6" 33° 38′ 50.0″N 130° 23′ 09.6″E
(See 19/01-97421)

Substitute Beacon "5" G, can topmark, Fl G 3s 8m 5M
for buoy "5" 33° 37′ 46.4″N 130° 21′ 35.2″E
Beacon "6" R, cone topmark, Fl R 3s 8m 5M
for buoy "6" 33° 37′ 40.4″N 130° 21′ 31.9″E
Beacon "7" G, can topmark, Fl G 3s 8m 5M
for buoy "7" 33° 37′ 12.1″N 130° 22′ 58.1″E
Beacon "E5" G, can topmark, Fl G 3s 8m 5M
for buoy "E5" 33° 38′ 56.0″N 130° 23′ 06.4″E

Add Beacon "E2" R, cone topmark, Fl R 6s 8m 5M
33° 38′ 04.8″N 130° 21′ 35.5″E
Beacon "E4" R, cone topmark, Fl R 3s 8m 5M
33° 38′ 22.4″N 130° 22′ 18.8″E
Beacon "E6" R, cone topmark, Fl R 3s 8m 5M
33° 38′ 44.2″N 130° 23′ 12.6″E
(13(463)03 Tokyo)

97421 13Ed. 3/30/96 LAST NM 20/03 26/03
Delete Buoy 33° 39′ 05.0″N 130° 23′ 51.7″E
Buoy 33° 39′ 00.0″N 130° 23′ 34.0″E
Buoy 33° 38′ 43.0″N 130° 22′ 33.0″E
Buoy 33° 38′ 20.8″N 130° 21′ 39.0″E
Buoy 33° 38′ 37.0″N 130° 22′ 36.5″E
(See 19/01-97421)

Add Buoy R, pillar, (R Lt) 33° 39′ 02.2″N 130° 24′ 03.3″E
Buoy R, pillar, (R Lt) 33° 38′ 55.6″N 130° 23′ 44.8″E
(17(643)03 Tokyo)

97421 13Ed. 3/30/96 LAST NM 26/03 36/03
Add Chartlet A, depicting changes in hydrography,
from Subsection I-2 33° 38′ 18.0″N 130° 20′ 06.0″E
Chartlet B, depicting changes in hydrography,
from Subsection I-2 33° 38′ 18.0″N 130° 22′ 00.0″E
Chartlet C, depicting changes in hydrography,
from Subsection I-2 33° 39′ 00.0″N 130° 23′ 38.0″E
(See 20/99, 19/01-97421)
(40(1532)01, 11(343), 28(957), 29(999)02, 1(14), 8(260), 12(402), 13(463), 17(643)03 Tokyo; Jpn CH W1227)

97421 13Ed. 3/30/96 LAST NM 36/03 6/05
Add Legend "Lesser depths reported" between
33° 37′ 04.2″N 130° 22′ 57.8″E
33° 36′ 38.2″N 130° 23′ 26.1″E

Legend "Lesser depths rep" between
33° 36′ 35.1″N 130° 23′ 08.2″E
33° 36′ 46.6″N 130° 22′ 58.7″E
(49(1287)04 Tokyo)

97421 13Ed. 3/30/96 LAST NM 6/05 21/05
Delete Dashed line between 33° 39′ 24.0″N 130° 24′ 09.0″E
33° 39′ 08.5″N 130° 24′ 17.0″E

Legend "Dredged to 13m (1996, 97)"
33° 39′ 21.0″N 130° 24′ 30.0″E

Crane symbol 33° 39′ 09.5″N 130° 24′ 22.0″E
Crane symbol 33° 39′ 13.5″N 130° 24′ 35.0″E
(See 19/01, 36/03-97421)

Change Legend "Dredged to 14m (1998-2002)" to
"Dredged to 14m (1998-2003)"
33° 39′ 06.0″N 130° 23′ 48.0″E
Legend "Dredged to 14m (1998-2002)" to
"Dredged to 14m (1998-2003)"
33° 38′ 03.0″N 130° 21′ 00.0″E

Add Legend "Lesser depths reported" between
33° 39′ 01.9″N 130° 23′ 40.6″E
33° 39′ 29.0″N 130° 24′ 40.0″E

Double solid line with land tint (bridge) [D22]
between 33° 39′ 31.8″N 130° 25′ 05.0″E
33° 39′ 28.6″N 130° 25′ 06.0″E

Double solid line with land tint (bridge) [D22]
between 33° 39′ 39.0″N 130° 25′ 28.7″E
33° 39′ 37.0″N 130° 25′ 30.7″E
(50(1837)03, 14(412)05 Tokyo)

97421 13Ed. 3/30/96 LAST NM 21/05 25/05
Add Legend "Lesser depths reported" between
33° 37′ 39.5″N 130° 21′ 42.0″E
33° 37′ 13.5″N 130° 22′ 48.0″E
(See 19/01-97421)
(19(563)05 Tokyo)

97421 13Ed. 3/30/96 LAST NM 25/05 27/05
Add Fish haven symbol [K46.1] 33° 41′ 56.0″N 130° 14′ 37.0″E
(5(133)05 Tokyo)

97421 13Ed. 3/30/96 LAST NM 27/05 12/06
Add Legend "Lesser depths reported" between
33° 38′ 49.0″N 130° 20′ 24.0″E
33° 38′ 38.5″N 130° 20′ 53.0″E
(See 36/03-97421)
(4(109)06 Tokyo)

97421 13Ed. 3/30/96 LAST NM 12/06 47/09
Change Light to Iso 6s 31m 12M 33° 38′ 15.3″N 130° 18′ 14.0″E

Add "Spoil Ground" area [N62.1] bound by
dashed line joining 33° 35′ 35.0″N 130° 16′ 32.0″E
33° 35′ 17.0″N 130° 16′ 54.0″E
33° 35′ 05.0″N 130° 16′ 41.0″E
33° 35′ 23.0″N 130° 16′ 19.0″E
(35(1515, 1516)09 Tokyo; Jpn LL)

97421 13Ed. 3/30/96 LAST NM 47/09 7/10
Change Visibility (range) of light to 3M
33° 38′ 25.7″N 130° 13′ 55.2″E

Add Double solid line with land tint (jetty) [F14]
between 33° 38′ 45.8″N 130° 14′ 13.8″E
33° 38′ 43.3″N 130° 14′ 18.2″E

Position circle "Y Lt" 33° 38′ 43.3″N 130° 14′ 18.2″E
(Jpn CH W190; Jpn LL)

97421 13Ed. 3/30/96 LAST NM 7/10 38/10
Change Visibility (range) of light to 3M
33° 39′ 07.0″N 130° 12′ 16.0″E
(See 26/98-97421)
(18(725)10 Tokyo)

★97423 3Ed. 5/17/08 CHART CANCELED N3/14
(NGA)

★97425 7Ed. 10/18/08 NEW EDITION N5/09
(NGA)

97425 7Ed. 10/18/08 LAST NM N5/09 N25/09
Change Light to Iso G 4s 13m 4M 33° 33′ 57″N 129° 45′ 51″E
Visibility (range) of light to 5M
33° 34′ 01″N 129° 52′ 55″E

Add Submarine cable [L30.1] joining
33° 30′ 59″N 129° 57′ 31″E
33° 31′ 06″N 129° 57′ 54″E
33° 31′ 37″N 129° 58′ 28″E
33° 31′ 44″N 129° 58′ 28″E
(9(357, 358), 14(579)09 Tokyo)

97425 7Ed. 10/18/08 LAST NM N25/09 N36/09
Change Height of light to 7m 33° 52′ 24″N 129° 41′ 30″E
(Jpn LL)

97425 7Ed. 10/18/08 LAST NM N36/09 N38/10
Change Visibility (range) of light to 3M
33° 39′ 07″N 130° 12′ 17″E
(18(725)10 Tokyo)

97425 7Ed. 10/18/08 LAST NM N38/10 N39/10
Change Light to Fl(2) 6s 31m 12M 33° 42′ 17″N 129° 42′ 59″E
(14(556)10 Tokyo)

97425 7Ed. 10/18/08 LAST NM N39/10 N53/11
Change Light to Iso 10s 11m 5M 33° 34′ 54″N 129° 54′ 39″E

Visibility (range) of beacon to 5M
33° 28′ 36″N 129° 46′ 54″E
Visibility (range) of light to 5M
33° 49′ 59″N 129° 39′ 32″E
Visibility (range) of light to 3M
33° 46′ 01″N 129° 48′ 56″E
(47(1605-1607)11 Tokyo)

★97440 8Ed. 6/21/97 NEW EDITION 34/97
Delete R Bn (AERO) at light 27° 26.0′ N 128° 42.6′ E

Change Light to
Dir F WRG 29m 13-8M 27° 19.7′ N 128° 34.2′ E
Fl G 12M, 2 FY 12M 27° 44.4′ N 129° 01.6′ E
L Fl 10s 20M 28° 26.7′ N 129° 31.5′ E
Fl 4s 22M 30° 47.0′ N 130° 16.7′ E
Iso R 6s 13M 31° 15.7′ N 130° 17.9′ E

Buoys, each to W, spar, Ra Ref
Mo(U) 10s 27° 49.6′ N 129° 24.4′ E
Mo(U) 8s 31° 35.2′ N 131° 44.4′ E

Add Ra Ref to buoy 28° 07.2′ N 130° 02.2′ E
(NIMA; 18(758, 759)95, 13(567)97 Tokyo; Jpn LL)

97440 8Ed. 6/21/97 LAST NM 34/97 46/97
Add Dangerous wreck 31° 43.1′ N 130° 11.6′ E
(31(1410)97 Tokyo)

97440 8Ed. 6/21/97 LAST NM 46/97 50/97
Add Submarine cable joining 31° 17.5′ N 128° 30.0′ E
31° 12.2′ N 128° 47.9′ E
30° 59.2′ N 129° 26.8′ E
30° 56.7′ N 130° 05.9′ E
30° 49.5′ N 130° 35.8′ E
30° 51.0′ N 130° 51.8′ E
30° 54.9′ N 130° 59.3′ E
30° 55.8′ N 131° 14.3′ E
30° 59.8′ N 131° 34.8′ E
(31(473)97 Inchon)

97440 8Ed. 6/21/97 LAST NM 50/97 5/98
Add Wreck 28° 02.9′ N 129° 18.3′ E
(47(2046)97 Tokyo)

97440 8Ed. 6/21/97 LAST NM 5/98 6/99
Delete Depth
3.2 meters R 30° 03.2′ N 129° 51.4′ E
10.9 meters R 30° 01.9′ N 129° 54.0′ E
93 meters 29° 21.3′ N 129° 04.6′ E

Substitute Depth 14.5 meters for 53 meters R 30° 12.0′ N 130° 03.2′ E

Add Depth
2.1 meters Rk 30° 03.3′ N 129° 51.2′ E
10.4 meters 30° 02.1′ N 129° 53.7′ E
12.1 meters 30° 01.7′ N 129° 51.7′ E
50 meters 29° 21.8′ N 129° 05.1′ E
(50(2069, 2070)98 Tokyo)

97440 8Ed. 6/21/97 LAST NM 6/99 13/99
Delete Submarine cable
joining 29° 36.5′ N 129° 43.5′ E
29° 38.0′ N 129° 45.4′ E
29° 41.1′ N 129° 45.8′ E
29° 50.0′ N 129° 51.1′ E

between 29° 27.2′ N 129° 37.3′ E
29° 30.2′ N 129° 40.2′ E

Substitute Disused submarine cable for
submarine cable between 29° 30.2′ N 129° 40.2′ E
29° 36.8′ N 129° 43.0′ E
(50(2163)97 Tokyo)

97440 8Ed. 6/21/97 LAST NM 13/99 28/99
Substitute Disused submarine cable for submarine cable
between 30° 50.1′ N 129° 57.3′ E
30° 49.0′ N 130° 24.6′ E
(10(448)98 Tokyo)

97440 8Ed. 6/21/97 LAST NM 28/99 37/99
Add Submarine cable [L30.1] joining 31° 45.2′ N 128° 50.5′ E
31° 37.0′ N 128° 49.0′ E
31° 15.4′ N 128° 51.9′ E
31° 03.2′ N 129° 09.4′ E
31° 00.0′ N 129° 20.0′ E
30° 57.2′ N 129° 40.5′ E
30° 56.4′ N 129° 51.1′ E
30° 56.5′ N 130° 06.1′ E
30° 55.7′ N 130° 16.2′ E
30° 55.9′ N 130° 19.0′ E
30° 55.4′ N 130° 21.8′ E
30° 55.0′ N 130° 27.5′ E
30° 53.8′ N 130° 29.7′ E
30° 46.7′ N 130° 39.6′ E
30° 46.5′ N 130° 40.8′ E
30° 50.8′ N 130° 52.0′ E
30° 55.0′ N 131° 00.5′ E
30° 55.3′ N 131° 04.3′ E
30° 55.0′ N 131° 11.5′ E
31° 00.0′ N 131° 37.3′ E
30° 55.0′ N 131° 59.9′ E
(8(336)98 Tokyo)

97440 8Ed. 6/21/97 LAST NM 37/99 40/99
Change Light to Fl G 10M, 2 FY 12M 27° 44.3′ N 129° 01.7′ E
Light to Oc 14M, F 31° 42.5′ N 130° 15.5′ E
(13(579, 577)98 Tokyo; Jpn LL)

97440 8Ed. 6/21/97 LAST NM 40/99 42/99
Substitute Disused submarine cable [L32] for
submarine cable between 31° 45.2′ N 131° 50.0′ E
31° 41.3′ N 131° 54.0′ E
(15(655)98 Tokyo)

97440 8Ed. 6/21/97 LAST NM 42/99 7/00
Add Submarine cable [L30.1] joining 31° 45.2′ N 128° 42.7′ E
31° 38.5′ N 128° 40.5′ E
31° 17.8′ N 128° 30.0′ E
(22(947), 26(1131), 27(1151)98 Tokyo; NTM0006/2000)

97440 8Ed. 6/21/97 LAST NM 7/00 28/01
Change Light to Mo(U) 16M 31° 24.0′ N 130° 33.1′ E
Light to Mo(U) 17M 31° 23.3′ N 130° 33.7′ E
(38(1558)99 Tokyo)

97440 8Ed. 6/21/97 LAST NM 28/01 29/01
Change Light to Fl G 10M 28° 19.8′ N 129° 56.1′ E
(16(682)99 Tokyo)

97440 8Ed. 6/21/97 LAST NM 29/01 20/02
Substitute Disused submarine cable [L32] for
submarine cable in vicinity 30° 49.7′ N 130° 21.0′ E
Disused submarine cable [L32] for
submarine cable in vicinity 30° 47.5′ N 130° 21.0′ E
(12(397)02 Tokyo)

97440 8Ed. 6/21/97 LAST NM 20/02 23/02
Change Light to Al WG 10s 239m 33M 30° 50.0′ N 129° 57.8′ E
(Jpn LL)

97440 8Ed. 6/21/97 LAST NM 23/02 27/02
Change Visibility (range) of light to 6M 31° 26.7′ N 131° 12.3′ E
Visibility (range) of light to 10M 31° 13.1′ N 130° 45.4′ E
(Jpn LL)

97440 8Ed. 6/21/97 LAST NM 27/02 52/02
Change Characteristic of light to Oc(2) 6s 31° 38.8′ N 131° 28.1′ E
(51(2107)98 Tokyo)

97440 8Ed. 6/21/97 LAST NM 52/02 1/03
Add Submarine cable [L30.1] joining 31° 45.2′ N 128° 36.5′ E
31° 29.8′ N 128° 30.8′ E
31° 29.8′ N 128° 30.0′ E

Submarine cable [L30.1] joining 31° 45.2′ N 128° 41.5′ E
31° 34.3′ N 128° 36.5′ E
31° 30.5′ N 128° 35.5′ E
31° 28.3′ N 128° 37.8′ E
31° 27.5′ N 128° 37.9′ E
31° 24.1′ N 128° 36.2′ E
31° 13.1′ N 128° 32.4′ E
31° 06.6′ N 128° 31.7′ E
31° 05.9′ N 128° 31.4′ E
30° 53.1′ N 128° 31.2′ E
30° 48.4′ N 128° 30.0′ E

Submarine cable [L30.1] joining 30° 22.4′ N 128° 30.0′ E
30° 21.1′ N 128° 30.8′ E
30° 12.7′ N 128° 31.2′ E
(23(132)02 Inchon; 43(1468)02 Tokyo)

97440 8Ed. 6/21/97 LAST NM 1/03 16/03
Change Visibility (range) of light to 7M 31° 23.8′ N 131° 20.3′ E
(8(274)03 Tokyo)

97440 8Ed. 6/21/97 LAST NM 16/03 19/03
Change Visibility (range) of light to 5M 29° 09.6′ N 129° 12.5′ E
(12(420)03 Tokyo)

97440 8Ed. 6/21/97 LAST NM 19/03 27/03
Delete Depth 469 meters 30° 11.7′ N 129° 40.0′ E
Depth 160 meters 30° 08.9′ N 130° 04.5′ E
Depth 356 meters 30° 07.6′ N 129° 40.0′ E
Depth 635 meters 30° 07.5′ N 129° 34.0′ E
Depth 550 meters 30° 06.8′ N 130° 01.0′ E
Depth 76 meters, sand 30° 06.0′ N 130° 03.5′ E
Depth 212 meters 30° 04.9′ N 130° 02.0′ E
Depth 400 meters 30° 03.5′ N 129° 47.5′ E
Depth 524 meters 30° 03.3′ N 129° 37.0′ E
Depth 550 meters 30° 01.8′ N 129° 43.5′ E
Depth 584 meters 29° 59.2′ N 129° 35.5′ E
Depth 310 meters, coral and sand 29° 57.5′ N 129° 38.5′ E
Depth 611 meters 29° 57.6′ N 130° 09.0′ E
Depth 494 meters 29° 53.5′ N 130° 08.5′ E
Depth 517 meters 29° 48.0′ N 130° 07.7′ E

Substitute Depth 14.5 meters for 53 meters 30° 12.0′ N 130° 03.1′ E

(continued on next page)

97440 (Continued) 27/03
Depth 608 meters for 639 meters 30° 11.5′ N 129° 43.5′ E
Depth 50 meters for 91 meters, coral
30° 05.7′ N 129° 52.0′ E
Depth 266 meters for 332 meters 30° 02.9′ N 129° 58.0′ E
Depth 73 meters for 36 meters 29° 53.3′ N 129° 51.2′ E
Depth 601 meters for 608 meters 29° 51.2′ N 129° 39.5′ E
Depth 157 meters for 173 meters 29° 49.2′ N 129° 41.5′ E

Change Visibility (range) of light to 8M 30° 02.6′ N 130° 02.9′ E

Add Depth 123 meters enclosed by depth contour
(200-meter) 30° 09.8′ N 129° 40.1′ E

Depth 442 meters 30° 07.5′ N 129° 38.7′ E
Depth 138 meters 30° 07.0′ N 130° 05.5′ E
Depth 63 meters 30° 05.8′ N 130° 03.1′ E
Depth 481 meters 30° 03.5′ N 129° 46.0′ E
Depth 626 meters 29° 57.8′ N 130° 06.9′ E
Depth 437 meters 29° 57.6′ N 129° 37.0′ E
Depth 477 meters 29° 51.7′ N 130° 08.5′ E
Depth 632 meters 29° 47.5′ N 129° 35.0′ E

Ocean current arrow [H43] oriented 132° with
rate "1.1 - 2.1 kn" 30° 7.5′ N 130° 07.3′ E
(19(701)03 Tokyo)

97440 8Ed. 6/21/97 LAST NM 27/03 43/03
Change Visibility (range) of light to 10M 31° 15.5′ N 130° 17.6′ E
(36(1389)03 Tokyo)

97440 8Ed. 6/21/97 LAST NM 43/03 47/03
Change Visibility (range) of light to 14M 31° 16.9′ N 131° 07.9′ E
Visibility (range) of light to 10M 30° 27.5′ N 130° 58.0′ E
Light to Fl 20M 28° 06.7′ N 129° 22.6′ E
(17(608)01, 37(1425)03 Tokyo; Jpn LL)

97440 8Ed. 6/21/97 LAST NM 47/03 9/04
Change Visibility (range) of light to 7M 30° 45.9′ N 130° 51.4′ E
(46(1715)03 Tokyo)

97440 8Ed. 6/21/97 LAST NM 9/04 30/04
Add Submarine cable [L30.1] joining 29° 53.0′ N 130° 47.0′ E
29° 56.9′ N 130° 32.0′ E
29° 59.5′ N 130° 28.1′ E
30° 09.5′ N 130° 05.9′ E
30° 09.8′ N 129° 57.1′ E
29° 59.8′ N 129° 26.8′ E
29° 59.4′ N 129° 19.9′ E
30° 00.8′ N 128° 52.1′ E
29° 58.9′ N 128° 42.0′ E
29° 58.0′ N 128° 30.9′ E
29° 57.7′ N 128° 30.0′ E
(10(260)04 Tokyo)

97440 8Ed. 6/21/97 LAST NM 30/04 34/04
Delete Submarine cable between 31° 45.0′ N 131° 43.0′ E
31° 14.3′ N 131° 45.0′ E

Submarine cable in vicinity 27° 25.0′ N 129° 14.0′ E

Change Visibility (range) of light to 13M 30° 22.4′ N 130° 40.0′ E
Visibility (range) of light to 12M 30° 14.0′ N 130° 33.4′ E
(16(432, 437)04 Tokyo)

97440 8Ed. 6/21/97 LAST NM 34/04 47/04
Delete Wreck 31° 39.0′ N 130° 07.9′ E

Add Wreck [K29] 31° 39.5′ N 130° 07.2′ E
(39(1005)04 Tokyo)

97440 8Ed. 6/21/97 LAST NM 47/04 26/05
Add Wreck [K29] 30° 25.5′ N 130° 47.1′ E
(20(580)05 Tokyo)

97440 8Ed. 6/21/97 LAST NM 26/05 6/06
Add Submarine cable [L30.1] joining 31° 06.0′ N 131° 48.9′ E
31° 02.0′ N 131° 07.9′ E
30° 58.5′ N 131° 03.4′ E
30° 53.0′ N 130° 51.9′ E
31° 00.0′ N 130° 21.9′ E
31° 02.0′ N 130° 08.0′ E
31° 08.6′ N 129° 59.5′ E
31° 20.8′ N 129° 56.9′ E
31° 31.5′ N 129° 51.2′ E
31° 32.5′ N 129° 48.9′ E
31° 31.7′ N 129° 36.9′ E
31° 35.0′ N 129° 31.4′ E
31° 42.0′ N 129° 27.4′ E
31° 45.2′ N 129° 24.8′ E
(45(1824)99 Tokyo)

97440 8Ed. 6/21/97 LAST NM 6/06 16/06
Add Dangerous wreck [K28] 31° 42.7′ N 130° 10.7′ E
(8(239)06 Tokyo)

97440 8Ed. 6/21/97 LAST NM 16/06 32/06
Delete Submarine cable joining 31° 32.0′ N 128° 30.0′ E
30° 13.0′ N 128° 55.0′ E
29° 14.0′ N 129° 40.0′ E
(2(37)06 Inchon)

97440 8Ed. 6/21/97 LAST NM 32/06 38/06
Change Light to Dir F WRG 32m 13-7M 27° 19.8′ N 128° 34.0′ E
(16(492)06 Tokyo)

97440 8Ed. 6/21/97 LAST NM 38/06 40/06
Change Visibility (range) of light to 13M 31° 09.4′ N 130° 35.2′ E
(28(827)06 Tokyo)

97440 8Ed. 6/21/97 LAST NM 40/06 49/06
Change Visibility (range) of light to 11M 31° 24.9′ N 130° 06.9′ E
(33(962)06 Tokyo)

97440 8Ed. 6/21/97 LAST NM 49/06 50/06
Change Visibility (range) of light to 8M 28° 24.5′ N 129° 29.9′ E
(26(768)06 Tokyo)

97440 8Ed. 6/21/97 LAST NM 50/06 51/06
Change Visibility (range) of light to 21M 28° 15.2′ N 129° 08.2′ E
(40(1172)06 Tokyo)

97440 8Ed. 6/21/97 LAST NM 51/06 27/08
Add Depth 4373 meters "Rep (2006)" [I3.2]
27° 15.8′ N 130° 58.6′ E
(NTM0006/2008)

97440 8Ed. 6/21/97 LAST NM 27/08 26/09
Add Submarine cable [L30.1] joining 30° 47.2′ N 128° 30.0′ E
30° 34.4′ N 129° 25.8′ E
30° 34.5′ N 129° 30.4′ E
30° 30.8′ N 129° 43.9′ E
30° 27.6′ N 129° 49.0′ E
30° 04.7′ N 130° 00.9′ E
30° 02.3′ N 130° 00.1′ E
30° 00.0′ N 130° 02.2′ E
29° 58.2′ N 130° 22.3′ E
29° 54.0′ N 130° 27.1′ E
29° 45.6′ N 130° 51.2′ E
29° 47.2′ N 130° 55.5′ E
29° 54.3′ N 131° 03.5′ E
30° 03.6′ N 131° 02.5′ E
30° 07.3′ N 131° 04.3′ E
30° 10.6′ N 131° 13.9′ E
30° 14.6′ N 131° 18.3′ E
30° 39.5′ N 131° 26.8′ E
30° 42.2′ N 131° 30.6′ E
30° 48.5′ N 131° 55.6′ E
30° 53.9′ N 132° 00.0′ E
(ROK CH 836)

97440 8Ed. 6/21/97 LAST NM 26/09 37/09
Change Light to Al Fl(2) WG 10s 239m 21/20M
30° 50.0′ N 129° 57.8′ E
(Jpn LL)

97440 8Ed. 6/21/97 LAST NM 37/09 43/09
Change Visibility (range) of light to 5M 28° 07.0′ N 129° 20.7′ E
(38(1633)09 Tokyo)

97440 8Ed. 6/21/97 LAST NM 43/09 46/09
Delete Submarine cable between 30° 28.3′ N 130° 11.5′ E
30° 26.0′ N 130° 24.0′ E

Submarine cable between 30° 29.1′ N 130° 11.7′ E
30° 27.1′ N 130° 15.3′ E

(continued on next page)

97440 (Continued) 46/09
Submarine cable between 30° 27.1′ N 130° 15.3′ E
30° 23.8′ N 130° 25.5′ E

Change Light to Fl 15s 23M 31° 37.4′ N 129° 41.5′ E
Light to Fl(2) G 6s 7M 31° 37.9′ N 129° 43.0′ E
Light to Fl 12M 27° 53.5′ N 128° 58.1′ E
(39(1650, 1664, 1668)09 Tokyo; Jpn LL)

97440 8Ed. 6/21/97 LAST NM 46/09 10/10
Add Depth 17 meters, blue tint and enclosing depth contour (20-meter) centered 29° 47.0′ N 128° 45.1′ E
Depth 17 meters, blue tint and enclosing depth contour (20-meter) centered 29° 49.2′ N 128° 52.5′ E
Depth 98 meters enclosed by depth contour (200-meter) centered 27° 18.6′ N 129° 18.2′ E
(NTM0003/2010)

97440 8Ed. 6/21/97 LAST NM 10/10 16/10
Change Visibility (range) of light to 7M 28° 12.3′ N 129° 14.8′ E
(6(229)10 Tokyo)

97440 8Ed. 6/21/97 LAST NM 16/10 37/10
Change Visibility (range) of light to 12M 31° 44.4′ N 130° 10.8′ E
(31(1197)10 Tokyo)

★97440 8Ed. 6/21/97 LAST NM 37/10 3/13
Add Depth 146 meters 28° 47.5′ N 129° 02.8′ E
(NTM0005/2012)

97440 8Ed. 6/21/97 LAST NM 3/13 28/13
Add Depth 31 meters "Rep (2007)" [I3.2] enclosed by dotted-line circle centered 30° 29.5′ N 129° 26.8′ E
(NTM0015/2013)

97440 8Ed. 6/21/97 LAST NM 28/13 31/13
Add Depth 190 meters "Rep (2010)" enclosed by dotted-line circle centered [I3.2] 30° 07.8′ N 130° 18.9′ E
(NTM0015/2013)

★97441 6Ed. 9/29/12 NEW EDITION N10/13
(NGA)

★97443 6Ed. 12/21/96 NEW EDITION 8/97
Add Solid line (breakwater) between
28° 08′ 35″N 129° 18′ 53″E
28° 08′ 33″N 129° 18′ 56″E

(Plan)
Relocate Position circle
close SE to 28° 08′ 33.7″N 129° 18′ 56.3″E
close SE 28° 08′ 40.1″N 129° 18′ 46.6″E

Add Position circle 28° 08′ 36.4″N 129° 19′ 08.0″E
28° 08′ 49.2″N 129° 18′ 46.8″E
(NIMA; 35(1328)91, 12(433)92 Tokyo; Jpn CH 230)

97443 6Ed. 12/21/96 LAST NM 8/97 14/99
Add Buoy (mooring) 28° 11′ 14″N 129° 17′ 12″E

(Plan)
Delete Buoy 28° 08′ 34″N 129° 18′ 54″E

Double dashed line and land tint between
28° 08′ 46″N 129° 18′ 30″E
28° 08′ 46″N 129° 18′ 33″E

Double solid line and land tint between
28° 08′ 44″N 129° 18′ 39″E
28° 08′ 46″N 129° 18′ 40″E

Add Land tint to area bound by shore and solid line
joining 28° 08′ 48.4″N 129° 18′ 21.1″E
28° 08′ 47.0″N 129° 18′ 24.0″E
28° 08′ 49.9″N 129° 18′ 25.9″E
28° 08′ 50.2″N 129° 18′ 26.0″E

joining 28° 08′ 49.2″N 129° 18′ 31.6″E
28° 08′ 48.9″N 129° 18′ 32.1″E
28° 08′ 48.5″N 129° 18′ 33.5″E
28° 08′ 46.1″N 129° 18′ 33.2″E
28° 08′ 44.0″N 129° 18′ 34.6″E
28° 08′ 44.3″N 129° 18′ 35.1″E
28° 08′ 43.5″N 129° 18′ 38.0″E
28° 08′ 44.0″N 129° 18′ 38.6″E

joining 28° 08′ 45.8″N 129° 18′ 41.9″E
28° 08′ 41.9″N 129° 18′ 41.9″E
28° 08′ 41.8″N 129° 18′ 42.5″E

Double solid line with land tint (breakwater) 5 meters wide on centerline
between 28° 08′ 47.0″N 129° 18′ 24.0″E
28° 08′ 45.1″N 129° 18′ 27.4″E

between 28° 08′ 46.2″N 129° 18′ 33.1″E
28° 08′ 45.3″N 129° 18′ 29.0″E

Position circle
"G Lt" 28° 08′ 45.1″N 129° 18′ 27.6″E
"R Lt" 28° 08′ 45.5″N 129° 18′ 29.0″E

Double solid line with land tint (bridge) 20 meters wide on centerline between 28° 08′ 43.0″N 129° 18′ 41.8″E
28° 08′ 43.9″N 129° 18′ 38.3″E
(51(2184, 2193)97 Tokyo)

97443 6Ed. 12/21/96 LAST NM 14/99 20/01
Add Submarine cable [L30.1] between
28° 06′ 32.0″N 129° 13′ 20.0″E
28° 05′ 00.4″N 129° 12′ 04.0″E
(21(904)98 Tokyo)

97443 6Ed. 12/21/96 LAST NM 20/01 15/03
(Plan)
Add Double dashed line with land tint (detached breakwater under construction) between
28° 08′ 42.6″N 129° 18′ 27.7″E
28° 08′ 39.9″N 129° 18′ 35.7″E
(3(97)99 Tokyo)

97443 6Ed. 12/21/96 LAST NM 15/03 19/03
Add Buoy (mooring) [Q40] 28° 08′ 13.9″N 129° 14′ 50.0″E
(7(261)99 Tokyo)

97443 6Ed. 12/21/96 LAST NM 19/03 25/03
(Plan A)
Add Dashed line joining 28° 08′ 44.2″N 129° 18′ 34.7″E
28° 08′ 43.6″N 129° 18′ 34.6″E
28° 08′ 42.9″N 129° 18′ 37.5″E
28° 08′ 40.1″N 129° 18′ 35.8″E

Dashed line joining 28° 08′ 41.9″N 129° 18′ 30.5″E
28° 08′ 44.8″N 129° 18′ 31.3″E
28° 08′ 45.4″N 129° 18′ 29.3″E

Legend "Being Reclaimed (1999)"
28° 08′ 43.0″N 129° 18′ 33.0″E
(22(942)99 Tokyo; Jpn CH W230)

97443 6Ed. 12/21/96 LAST NM 25/03 47/03
Change Light to Fl 6s 103m 20M 28° 06′ 41.0″N 129° 22′ 39.0″E
(17(608)01 Tokyo)

97443 6Ed. 12/21/96 LAST NM 47/03 16/05
Add Submarine cable (power) [L31.1] joining
28° 06′ 36.5″N 129° 13′ 19.3″E
28° 06′ 32.8″N 129° 13′ 10.3″E
28° 06′ 05.8″N 129° 12′ 44.1″E
28° 05′ 48.2″N 129° 12′ 31.5″E
28° 05′ 00.4″N 129° 11′ 40.5″E
(6(168)05 Tokyo)

97443 6Ed. 12/21/96 LAST NM 16/05 27/05
Add Fish haven symbol [K46.1] 28° 11′ 48.0″N 129° 13′ 36.0″E
(19(544)05 Tokyo)

97443 6Ed. 12/21/96 LAST NM 27/05 51/06
Change Light to Fl 15s 140m 21M 28° 15′ 17.0″N 129° 08′ 12.0″E
(40(1172)06 Tokyo)

97443 6Ed. 12/21/96 LAST NM 51/06 24/09
Delete Submarine cable between 28° 08′ 08.0″N 129° 19′ 16.0″E
28° 07′ 00.0″N 129° 18′ 17.0″E

(continued on next page)

97443 (Continued) 24/09
Submarine cable between 28° 08′ 02.0″N 129° 19′ 49.5″E
28° 06′ 32.5″N 129° 18′ 50.5″E

Submarine cables (2) between
28° 09′ 21.0″N 129° 16′ 25.5″E
28° 09′ 12.0″N 129° 17′ 28.0″E
(Jpn CH 230)

97443 6Ed. 12/21/96 LAST NM 24/09 43/09
Change Visibility (range) of light to 5M
28° 07′ 04.8″N 129° 20′ 31.5″E
(38(1633)09 Tokyo)

97443 6Ed. 12/21/96 LAST NM 43/09 46/09
Substitute Depth 11.1 meters for 16.6 meters
28° 08′ 39.0″N 129° 18′ 35.0″E

Change Light to Fl(2) 6s 41m 5M 28° 08′ 58.0″N 129° 17′ 45.2″E

(Plan)
Substitute Depth 11.1 meters for 16.6 meters
28° 08′ 39.0″N 129° 18′ 35.0″E
(39(1666, 1667)09 Tokyo; Jpn LL)

97443 6Ed. 12/21/96 LAST NM 46/09 16/10
Change Visibility (range) of light to 7M
28° 12′ 14.0″N 129° 14′ 48.0″E
(6(229)10 Tokyo)

★**97460** 7Ed. 8/17/96 NEW EDITION 51/96
Change Light to (AERO) Al Fl WG 26° 11.6′ N 127° 38.6′ E

Add Ra Ref to buoy 27° 49.2′ N 129° 24.5′ E
27° 03.8′ N 128° 50.9′ E
(NIMA; 18(759)95, 14(657)96 Tokyo; Jpn LL)

97460 7Ed. 8/17/96 LAST NM 51/96 20/97
Change Characteristic of light L Fl 10s 28° 26.6′ N 129° 31.5′ E
(11(479)97 Tokyo)

97460 7Ed. 8/17/96 LAST NM 20/97 23/97
Add Buoy Y, pillar, Mo(U) 10s Ra Ref 28° 07.2′ N 130° 01.9′ E
(13(567)97 Tokyo)

97460 7Ed. 8/17/96 LAST NM 23/97 32/97
Add Submarine cable joining 26° 42.6′ N 127° 57.9′ E
26° 44.5′ N 127° 57.5′ E
26° 52.6′ N 127° 57.8′ E
26° 54.8′ N 127° 57.1′ E
(19(853)97 Tokyo)

97460 7Ed. 8/17/96 LAST NM 32/97 34/97
Delete R Bn (AERO) at light 27° 26.0′ N 128° 42.7′ E
and add light dot to light flare
(Jpn LL)

97460 7Ed. 8/17/96 LAST NM 34/97 5/98
Add Wreck 28° 02.9′ N 129° 18.3′ E
(47(2046)97 Tokyo)

97460 7Ed. 8/17/96 LAST NM 5/98 6/98
Change Period of light to 4s 26° 39.4′ N 127° 53.3′ E
(Jpn LL)

97460 7Ed. 8/17/96 LAST NM 6/98 7/99
Add Buoy Y, pillar, (Y Lt) 25° 49.2′ N 127° 45.1′ E
(47(2047)97 Tokyo)

97460 7Ed. 8/17/96 LAST NM 7/99 10/99
Change Period of light to 10s 26° 26.1′ N 127° 43.0′ E
(49(2126)97 Tokyo)

97460 7Ed. 8/17/96 LAST NM 10/99 20/99
Add Buoy spar, Mo(U) 8s Ra Ref 25° 53.6′ N 127° 40.9′ E
(7(306)98 Tokyo)

97460 7Ed. 8/17/96 LAST NM 20/99 22/99
Relocate Buoy (27° 49.2′ N 129° 24.5′ E) to 27° 49.7′ N 129° 26.9′ E
(9(396)98 Tokyo)

97460 7Ed. 8/17/96 LAST NM 22/99 28/99
Relocate Superbuoy close E to 26° 40.6′ N 126° 56.7′ E

Add Submarine cable between 26° 13.4′ N 127° 16.7′ E
26° 22.3′ N 127° 08.8′ E

Submarine cable joining 26° 22.0′ N 127° 08.3′ E
26° 18.3′ N 127° 04.3′ E
26° 14.5′ N 126° 49.7′ E
26° 15.1′ N 126° 47.9′ E
26° 19.6′ N 126° 44.2′ E
26° 20.7′ N 126° 44.7′ E
(24(1163)96, 4(154)98 Tokyo)

97460 7Ed. 8/17/96 LAST NM 28/99 40/99
Change Light to Fl G 10M, 2 FY 12M 27° 44.3′ N 129° 01.7′ E

Add Wreck 28° 05.2′ N 126° 12.0′ E
(13(579)98 Tokyo; Jpn LL; GIMM007/99)

97460 7Ed. 8/17/96 LAST NM 40/99 42/99
Substitute Disused submarine cable [L32] for
submarine cable between 26° 08.8′ N 127° 53.0′ E
26° 11.7′ N 128° 10.9′ E
(15(655)98 Tokyo)

97460 7Ed. 8/17/96 LAST NM 42/99 1/00
Relocate Superbuoy ODAS from
28° 10.0′ N 126° 20.0′ E to 28° 10.0′ N 126° 19.0′ E
(47(1890)99 Tokyo)

97460 7Ed. 8/17/96 LAST NM 1/00 4/00
Change Visibility (range) of light to 26M 27° 05.6′ N 128° 01.2′ E
(28(1208)98 Tokyo)

97460 7Ed. 8/17/96 LAST NM 4/00 46/00
Add Submarine cable [L30.1] joining 26° 04.6′ N 127° 41.8′ E
26° 03.9′ N 127° 42.3′ E
26° 02.0′ N 127° 42.6′ E
25° 58.0′ N 127° 47.0′ E
25° 56.2′ N 127° 48.3′ E

Submarine cable [L30.1] joining 26° 04.6′ N 127° 41.8′ E
26° 02.4′ N 127° 41.7′ E
25° 59.6′ N 127° 40.0′ E
25° 57.0′ N 127° 39.5′ E
25° 54.5′ N 127° 39.0′ E
(28(1004)00 Tokyo)

97460 7Ed. 8/17/96 LAST NM 46/00 52/00
Change Visibility (range) of light to 12/6M 26° 38.5′ N 127° 52.7′ E
(30(1074)00 Tokyo)

97460 7Ed. 8/17/96 LAST NM 52/00 24/01
Delete Superbuoy ODAS 28° 10.0′ N 126° 19.0′ E
(8(94)01 Tianjin)

97460 7Ed. 8/17/96 LAST NM 24/01 29/01
Change Light to Fl G 4s 10M 28° 19.8′ N 129° 56.1′ E
(16(682)99 Tokyo)

97460 7Ed. 8/17/96 LAST NM 29/01 40/01
Delete Light 26° 19.8′ N 126° 46.0′ E

Change Period of light to 4s 26° 43.6′ N 127° 45.0′ E

Add Submarine cable [L30.1] between 26° 07.4′ N 127° 45.4′ E
25° 47.5′ N 127° 47.8′ E

Submarine cable [L30.1] joining 26° 58.9′ N 127° 55.7′ E
26° 53.7′ N 127° 47.7′ E
26° 52.1′ N 127° 47.6′ E
26° 43.4′ N 127° 49.7′ E
(33(1353), 37(1509)99, 5(177), 17(609)01 Tokyo)

97460 7Ed. 8/17/96 LAST NM 40/01 40/02
Delete Buoy 27° 03.8′ N 128° 50.9′ E
(34(1172)02 Tokyo)

97460 7Ed. 8/17/96 LAST NM 40/02 5/03
Add Buoy, spar, Mo(U) 8s Ra Ref [S4] 26° 31.3′ N 128° 25.6′ E
(14(597)99 Tokyo)

97460 7Ed. 8/17/96 LAST NM 5/03 19/03
Add Buoy, spar, Mo(U) 8s Ra Ref [S4] 26° 09.8′ N 128° 09.5′ E
Buoy, spar, Mo(U) 8s Ra Ref [S4] 26° 49.0′ N 127° 26.5′ E

Buoy W, spar, Mo(U) 10s Ra Ref [S4]
28° 32.2′ N 129° 09.9′ E
(10(403, 416)99, 40(1370)02 Tokyo)

97460 7Ed. 8/17/96 LAST NM 19/03 21/03
Add Submarine cable [L30.1] joining 26° 46.8′ N 126° 10.0′ E
27° 05.6′ N 126° 36.3′ E
27° 27.2′ N 127° 07.0′ E
27° 35.0′ N 127° 16.1′ E
27° 53.0′ N 127° 26.0′ E
28° 20.6′ N 127° 29.7′ E
28° 31.8′ N 127° 19.7′ E
28° 40.0′ N 127° 15.6′ E
(9(125)03 Inchon)

97460 7Ed. 8/17/96 LAST NM 21/03 47/03
Change Light to Fl 6s 20M 28° 06.7′ N 129° 22.6′ E
(17(608)01 Tokyo)

97460 7Ed. 8/17/96 LAST NM 47/03 9/04
Change Visibility (range) of light to 11M 26° 22.4′ N 127° 08.5′ E
(32(1244)03 Tokyo)

97460 7Ed. 8/17/96 LAST NM 9/04 23/04
Change Visibility (range) of light to 22M 25° 57.0′ N 131° 17.6′ E
Legend to "97501 PLAN A" 25° 46.0′ N 131° 22.0′ E
(NGA; 26(1123)99 Tokyo; Jpn LL)

97460 7Ed. 8/17/96 LAST NM 23/04 26/04
Delete Submarine cable between 26° 13.3′ N 127° 16.7′ E
26° 20.6′ N 126° 44.9′ E
(10(264)04 Tokyo)

97460 7Ed. 8/17/96 LAST NM 26/04 34/04
Delete Submarine cable between 27° 27.5′ N 129° 19.0′ E
26° 42.6′ N 127° 57.9′ E
(16(437)04 Tokyo)

97460 7Ed. 8/17/96 LAST NM 34/04 5/05
Add Submarine cable [L30.1] joining 28° 40.0′ N 127° 01.1′ E
28° 22.6′ N 126° 46.9′ E
28° 01.1′ N 126° 36.5′ E
27° 52.5′ N 126° 37.7′ E
(11(287)04 Tokyo)

97460 7Ed. 8/17/96 LAST NM 5/05 18/05
Add Light Dir F WRG 13-10M 27° 02.4′ N 128° 24.1′ E
(12(326)05 Tokyo)

97460 7Ed. 8/17/96 LAST NM 18/05 39/05
Change Visibility (range) of light to 9M 26° 15.8′ N 127° 35.0′ E
(26(772)05 Tokyo)

97460 7Ed. 8/17/96 LAST NM 39/05 14/06
Change Light to Q 12m 5M 26° 24.8′ N 128° 01.9′ E
(50(1516)05 Tokyo)

97460 7Ed. 8/17/96 LAST NM 14/06 24/06
Change Visibility (range) of light to 13M 26° 09.3′ N 127° 53.0′ E
(8(241)06 Tokyo)

97460 7Ed. 8/17/96 LAST NM 24/06 37/06
Delete Buoy 25° 59.7′ N 128° 00.4′ E
(28(828)06 Tokyo)

97460 7Ed. 8/17/96 LAST NM 24/06 38/06
Change Light to Dir F WRG 32m 13-7M 27° 19.8′ N 128° 34.1′ E
(16(492)06 Tokyo)

97460 7Ed. 8/17/96 LAST NM 38/06 50/06
Change Visibility (range) of light to 8M 28° 24.5′ N 129° 29.9′ E
(26(768)06 Tokyo)

97460 7Ed. 8/17/96 LAST NM 50/06 51/06
Change Visibility (range) of light to 21M 28° 15.2′ N 129° 08.2′ E
Light to Fl R 3s 5M 26° 38.4′ N 127° 52.6′ E
(40(1172, 1173)06 Tokyo)

97460 7Ed. 8/17/96 LAST NM 51/06 47/07
Add Dangerous wreck [K28] 26° 43.7′ N 128° 05.5′ E
(15(485)07 Tokyo)

97460 7Ed. 8/17/96 LAST NM 47/07 12/08
Change Light to Fl G 3s 5M 26° 35.0′ N 127° 58.9′ E
(52(1773)07 Tokyo)

97460 7Ed. 8/17/96 LAST NM 12/08 19/08
Delete Buoy 27° 03.8′ N 128° 50.9′ E
(13(390)08 Tokyo)

★**97460** 7Ed. 8/17/96 LAST NM 19/08 27/08
Delete Buoy 26° 49.0′ N 127° 26.5′ E

Add Depth 4372 meters "Rep (2006)" 27° 15.8′ N 130° 58.6′ E
(21(721)08 Tokyo; NTM0006/2008)

★**97460** 7Ed. 8/17/96 LAST NM 27/08 33/08
Add Depth 2522 meters "Rep (2007)" [I3.2]
25° 53.0′ N 130° 08.0′ E
(NTM0006/2008)

97460 7Ed. 8/17/96 LAST NM 33/08 48/08
Delete Light 26° 24.4′ N 127° 50.1′ E

Change Visibility (range) of light to 14M 26° 23.6′ N 127° 59.9′ E
(43(1255)06, 12(366)08 Tokyo)

97460 7Ed. 8/17/96 LAST NM 48/08 49/08
Delete Submarine cable between 26° 06.7′ N 127° 45.0′ E
25° 54.4′ N 127° 40.0′ E

Submarine cable between 26° 06.7′ N 127° 45.0′ E
25° 51.8′ N 127° 31.6′ E

Add Submarine cable [L30.1] joining 26° 06.7′ N 127° 45.0′ E
26° 01.5′ N 127° 44.6′ E
25° 58.8′ N 127° 43.6′ E
25° 56.0′ N 127° 42.0′ E
25° 54.1′ N 127° 33.3′ E
25° 49.8′ N 127° 30.1′ E
25° 48.5′ N 127° 29.8′ E
25° 44.0′ N 127° 27.0′ E
25° 41.4′ N 127° 23.2′ E
25° 35.2′ N 127° 10.3′ E
25° 31.1′ N 127° 01.7′ E
25° 30.0′ N 127° 00.2′ E
(23(676)05, 5(134)06 Tokyo; Jpn CH W182B, W226)

97460 7Ed. 8/17/96 LAST NM 49/08 6/09
Change Light to Fl(2) WR 6s 41m 12M 26° 23.6′ N 127° 59.9′ E
(Jpn CH 228A)

97460 7Ed. 8/17/96 LAST NM 6/09 12/09
Change Light to Fl(2) 6s 12M 26° 09.3′ N 127° 53.0′ E
Visibility (range) of light to 8M 26° 11.0′ N 127° 49.3′ E
Visibility (range) of light to 12M 26° 14.7′ N 127° 56.3′ E
Visibility (range) of light to 10M 26° 17.5′ N 127° 55.0′ E
Visibility (range) of light to 18M 26° 26.1′ N 127° 43.0′ E
Visibility (range) of light to 7M 26° 14.9′ N 127° 39.5′ E
Visibility (range) of light to 11M 26° 13.1′ N 127° 39.0′ E
Visibility (range) of light to 11M 26° 06.3′ N 127° 32.0′ E
Light to Fl 3s 8M 26° 14.0′ N 127° 27.4′ E
(Jpn LL)

97460 7Ed. 8/17/96 LAST NM 12/09 16/09
Change Visibility (range) of light to 14M 26° 42.6′ N 128° 00.7′ E
Light to Fl(2) 6s 12M 26° 22.3′ N 126° 43.8′ E
Visibility (range) of light to 7M 26° 21.5′ N 126° 55.8′ E
Visibility (range) of light to 12M 26° 22.4′ N 127° 08.5′ E
Light to Fl(2) 6s 25m 5M 26° 32.0′ N 128° 05.4′ E
(45(1592), 50(1790-1792)08, 5(184)09 Tokyo)

97460 7Ed. 8/17/96 LAST NM 16/09 19/09
Delete Superbuoy 26° 21.4′ N 128° 18.8′ E
Superbuoy 26° 40.6′ N 126° 56.7′ E

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97460 (Continued) 19/09
Submarine cable between 26° 40.5′ N 127° 52.6′ E
26° 42.4′ N 127° 49.5′ E

Substitute Submarine cable (power) [L31.1] for
submarine cable between 26° 10.9′ N 127° 17.5′ E
26° 10.4′ N 127° 20.4′ E

Submarine cable (power) [L31.1] for
submarine cable joining 26° 10.4′ N 127° 20.3′ E
26° 12.1′ N 127° 19.6′ E
26° 13.0′ N 127° 18.5′ E

Submarine cable (power) [L31.1] for
submarine cable between 26° 42.0′ N 127° 52.5′ E
26° 42.5′ N 127° 49.5′ E

Disused submarine cable [L32] for submarine
cable joining 26° 36.0′ N 128° 10.0′ E
26° 35.5′ N 128° 17.0′ E
26° 42.5′ N 128° 32.5′ E

Change Visibility (range) of light to 8M 26° 31.0′ N 128° 03.8′ E
Visibility (range) of light to 13M 27° 01.5′ N 128° 27.4′ E
Visibility (range) of light to 22M 27° 05.6′ N 128° 01.2′ E
Visibility (range) of light to 12M 26° 34.6′ N 127° 12.8′ E
Visibility (range) of light to 13M 26° 51.9′ N 128° 15.3′ E

Add Submarine cable (power) [L31.1] joining
26° 54.3′ N 127° 56.8′ E
26° 43.6′ N 127° 56.6′ E
26° 42.5′ N 127° 57.2′ E
(38(1452)03, 24(775)07 Tokyo; Jpn CH W226; Jpn LL)

97460 7Ed. 8/17/96 LAST NM 19/09 37/09
Delete Light 26° 38.6′ N 127° 51.3′ E
Buoy 26° 09.8′ N 128° 09.5′ E
Buoy 26° 31.3′ N 128° 25.6′ E
(24(1044, 1045)09 Tokyo)

97460 7Ed. 8/17/96 LAST NM 37/09 43/09
Change Visibility (range) of light to 5M 28° 06.9′ N 129° 20.7′ E
(38(1633)09 Tokyo)

97460 7Ed. 8/17/96 LAST NM 43/09 46/09
Change Light to Fl 3s 12M 27° 53.3′ N 128° 58.1′ E
(39(1668)09 Tokyo)

97460 7Ed. 8/17/96 LAST NM 46/09 10/10
Add Depth 98 meters enclosed by depth contour
(200-meter) centered 27° 18.6′ N 129° 18.2′ E
Depth 173 meters enclosed by depth contour
(200-meter) centered 27° 14.0′ N 129° 13.4′ E
(NTM0003/2010)

97460 7Ed. 8/17/96 LAST NM 10/10 16/10
Change Visibility (range) of light to 7M 28° 12.3′ N 129° 14.8′ E
(6(229)10 Tokyo)

★97460 7Ed. 8/17/96 LAST NM 16/10 3/13
Add Depth 495 meters 28° 23.6′ N 127° 39.5′ E
(NTM0005/2012)

★97460 7Ed. 8/17/96 LAST NM 3/13 11/13
Add Depth 655 meters enclosed by depth contour
(1000-meter) centered 27° 46.6′ N 126° 57.4′ E

Depth 784 meters 27° 38.3′ N 126° 57.0′ E
and extend depth contour (1000-meter) W to
enclose
(NTM0005/2012)

★97461 10Ed. 12/8/12 NEW EDITION N12/13
Substitute Depth 130 meters for 162 meters 25° 59.6′ N 127° 32.0′ E
(Previously published 11/13)
(NGA)

★97471 6Ed. 10/18/08 NEW EDITION N25/09
Delete Buoy “4” 26° 19′ 16.0″N 127° 51′ 36.0″E
Buoy (G Lt) 26° 18′ 43.8″N 127° 51′ 56.9″E
Buoy (G Lt) 26° 18′ 55.8″N 127° 51′ 44.2″E
Buoy (G Lt) 26° 19′ 13.1″N 127° 51′ 10.8″E
(Previously published 48/08)
(NGA)

★97471 6Ed. 10/18/08 LAST NM N25/09 N1/11
Add Light Iso 6s 3m 4M 26° 17′ 43.0″N 127° 54′ 22.0″E
(NTM0024/2010)

97471 6Ed. 10/18/08 LAST NM N1/11 N12/11
Delete Depth 33 meters 26° 14′ 39.0″N 127° 52′ 51.4″E

Add Depth 16 meters enclosed by depth contour
(20-meter) centered 26° 14′ 38.4″N 127° 52′ 54.6″E
(Jpn CH W222A)

★97472 8Ed. 11/9/96 NEW EDITION 52/96
Delete Legend “6” 26° 25′ 37″N 127° 50′ 32″E

Relocate Buoy “3” close W to 26° 24′ 39.0″N 127° 55′ 48.0″E
(NIMA; 44(2112)96 Tokyo)

97472 8Ed. 11/9/96 LAST NM 52/96 51/97
Relocate Beacon close ESE to 26° 25′ 30.4″N 127° 50′ 12.4″E
and add designation “4”
(32(1447)97 Tokyo)

97472 8Ed. 11/9/96 LAST NM 51/97 17/98
Delete Submarine cable in vicinity 26° 21.1′ N 127° 55.0′ E
(44(1928)97 Tokyo)

97472 8Ed. 11/9/96 LAST NM 17/98 1/99
Add Depth 17.3 meters 26° 25′ 16.0″N 127° 55′ 36.2″E
(36(1537)98 Tokyo)

97472 8Ed. 11/9/96 LAST NM 1/99 19/99
Substitute Disused submarine cable for
submarine cable joining 26° 23′ 14″N 127° 59′ 18″E
26° 23′ 18″N 127° 59′ 10″E
26° 23′ 00″N 127° 58′ 48″E
26° 22′ 46″N 127° 58′ 57″E
(6(255)98 Tokyo)

97472 8Ed. 11/9/96 LAST NM 19/99 23/99
Delete Depth 10.3 meters 26° 24′ 18.0″N 127° 54′ 24.0″E

Add Depth
5 meters 26° 24′ 19.1″N 127° 54′ 23.1″E
20.5 meters 26° 24′ 31.0″N 127° 54′ 47.0″E
23.5 meters 26° 24′ 56.4″N 127° 55′ 29.8″E
7.8 meters 26° 24′ 32.8″N 127° 55′ 45.0″E
20.2 meters 26° 24′ 38.1″N 127° 56′ 32.0″E
14 meters 26° 25′ 10.9″N 127° 53′ 30.0″E
18 meters 26° 24′ 12.6″N 127° 55′ 53.2″E
(13(576)99 Tokyo)

97472 8Ed. 11/9/96 LAST NM 23/99 36/99
Add Chartlet, depicting changes in hydrography,
from Subsection I-2 26° 24′ 25.0″N 128° 01′ 25.0″E
(13(546)99 Tokyo)

97472 8Ed. 11/9/96 LAST NM 36/99 50/99
Add Chartlet, depicting changes in hydrography,
from Subsection I-2 26° 24′ 35.0″N 127° 52′ 30.0″E
(16(674)98 Tokyo)

97472 8Ed. 11/9/96 LAST NM 50/99 42/01
Substitute Light Mo(U) 12s 34m 14M for
position circle “(34)Lt)” 26° 22′ 39.2″N 127° 57′ 53.9″E

Light Mo(U) 12s for position circle “Lt.”
26° 22′ 44.8″N 127° 58′ 00.1″E
Light Mo(U) 12s for position circle “Lt.”
26° 22′ 34.0″N 127° 57′ 47.9″E
(11(455)99 Tokyo)

97472 8Ed. 11/9/96 LAST NM 42/01 43/01
Delete Buoy 26° 25′ 11.5″N 127° 55′ 52.9″E

Add Buoy “2” R, pillar, cone topmark, Fl R 4s
26° 25′ 16.4″N 127° 55′ 48.1″E
Buoy “4” R, pillar, cone topmark, Fl R 3s
26° 25′ 11.5″N 127° 56′ 11.1″E

Double solid line with land tint (bridge) [D22]
between 26° 20′ 25.0″N 127° 57′ 16.0″E
26° 20′ 13.9″N 127° 57′ 18.5″E
(45(1619)00, 30(1153)01 Tokyo)

97472 8Ed. 11/9/96 LAST NM 43/01 6/02
Change Characteristic of buoy "1" to Fl(2) G 6s
26° 25′ 14.0″N 127° 50′ 36.0″E
Characteristic of buoy "2" to Fl(2) R 6s
26° 25′ 17.0″N 127° 50′ 37.0″E

Add Solid line (breakwater) between
26° 21′ 04.6″N 127° 58′ 31.7″E
26° 21′ 04.6″N 127° 58′ 27.2″E

Position circle "G Lt" 26° 21′ 04.6″N 127° 58′ 31.7″E
(51(1927, 1928)01 Tokyo)

97472 8Ed. 11/9/96 LAST NM 6/02 7/02
Add Chartlet, depicting changes in hydrography,
from Subsection I-2 26° 26′ 18.0″N 127° 55′ 09.0″E
(30(1153)01 Tokyo)

97472 8Ed. 11/9/96 LAST NM 7/02 34/02
Delete Position circle "Y Lt" 26° 25′ 39.5″N 127° 50′ 36.2″E
(26(899)02 Tokyo)

97472 8Ed. 11/9/96 LAST NM 34/02 33/03
Add Depth 2 meters 26° 24′ 25.9″N 127° 50′ 50.0″E
(22(845)03 Tokyo)

97472 8Ed. 11/9/96 LAST NM 33/03 14/06
Change Beacon to Q 12m 5M 26° 24′ 57.0″N 128° 01′ 54.0″E
(See 36/99-97472)
(50(1516)05 Tokyo)

97472 8Ed. 11/9/96 LAST NM 14/06 48/08
Delete Light and sector limits 26° 24′ 43.7″N 127° 50′ 04.0″E
(See 50/99-97472)

Substitute Depth 19.3 meters Obstn (Fish haven) [K46.2]
for fish haven symbol 26° 22′ 32.0″N 127° 56′ 26.5″E

Change Visibility (range) of light to 10M
26° 25′ 25.0″N 127° 51′ 08.4″E
Visibility (range) of beacon to 7M
26° 21′ 42.5″N 127° 56′ 14.5″E
Visibility (range) of light to 9M
26° 22′ 39.2″N 127° 57′ 53.9″E
Visibility (range) of light to 4M
26° 23′ 21.5″N 127° 58′ 27.0″E
Visibility (range) of light to 3M
26° 22′ 30.5″N 127° 59′ 54.0″E
Visibility (range) of light to 14M
26° 23′ 55.0″N 127° 59′ 46.5″E
(See 36/99-97472)

Add Beacon Y, (Y Lt) 26° 28′ 54.9″N 128° 00′ 31.5″E
Beacon G, (G Lt) 26° 28′ 19.5″N 127° 59′ 56.1″E
Beacon R, (R Lt) 26° 28′ 15.9″N 128° 00′ 09.7″E
Beacon R, (R Lt) 26° 28′ 21.8″N 127° 59′ 56.8″E
Beacon R, (R Lt) 26° 28′ 26.4″N 127° 59′ 45.8″E
Beacon R, (R Lt) 26° 28′ 32.4″N 127° 59′ 33.8″E

Depth 19.1 meters enclosed by depth contour
(20-meter) centered 26° 28′ 32.4″N 127° 59′ 33.8″E

Depth 25.5 meters Obstn (Fish haven) [K46.2]
26° 22′ 57.0″N 127° 56′ 18.0″E
(43(1255)06, 12(389)07, 12(366)08 Tokyo)

97472 8Ed. 11/9/96 LAST NM 48/08 6/09
Delete Depth 10.3 meters 26° 23′ 33.4″N 127° 52′ 14.0″E
Depth 10.3 meters 26° 23′ 50.3″N 127° 52′ 40.7″E

Relocate Buoy (mooring) from
26° 24′ 06.3″N 127° 51′ 38.1″E to
26° 24′ 09.4″N 127° 51′ 38.2″E
Buoy (mooring) from
26° 24′ 07.2″N 127° 51′ 44.2″E to
26° 24′ 06.5″N 127° 51′ 49.8″E

Change Visibility (range) of beacon to 1M
26° 25′ 30.4″N 127° 50′ 12.4″E
Visibility (range) of light to 9M
26° 22′ 51.8″N 127° 53′ 19.4″E
Visibility (range) of light to 9M
26° 26′ 19.4″N 127° 55′ 09.6″E
Light to Fl(2) WR 6s 41m 12M
26° 23′ 55.0″N 127° 59′ 46.5″E
(See 36/99, 7/02, 48/08-97472)

Add Dangerous submerged rock [K13]
26° 20′ 35.2″N 127° 53′ 31.4″E
Foul ground symbol [K31] 26° 23′ 30.5″N 127° 58′ 27.7″E
Foul ground symbol [K31] 26° 23′ 18.5″N 127° 58′ 46.1″E
Foul ground symbol [K31] 26° 23′ 14.0″N 127° 58′ 39.9″E
Foul ground symbol [K31] 26° 23′ 13.7″N 127° 58′ 43.8″E
Foul ground symbol [K31] 26° 23′ 11.2″N 127° 58′ 28.0″E
Foul ground symbol [K31] 26° 23′ 11.6″N 127° 58′ 11.5″E
Foul ground symbol [K31] 26° 23′ 02.8″N 127° 58′ 26.3″E
Foul ground symbol [K31] 26° 23′ 01.8″N 127° 58′ 20.3″E
Foul ground symbol [K31] 26° 23′ 00.8″N 127° 58′ 29.2″E

Depth 9.8 meters, blue tint and enclosing
depth contour (10-meter) centered
26° 23′ 35.3″N 127° 52′ 14.3″E
Depth 9.7 meters, blue tint and enclosing
depth contour (10-meter) centered
26° 23′ 51.0″N 127° 52′ 36.0″E
Depth 9.8 meters, blue tint and enclosing
depth contour (10-meter) centered
26° 23′ 49.0″N 127° 52′ 41.8″E
Depth 8.3 meters, blue tint and enclosing
depth contour (10-meter) centered
26° 23′ 24.5″N 127° 52′ 48.0″E
(Jpn CH 228A; Jpn LL)

97472 8Ed. 11/9/96 LAST NM 6/09 12/09
Delete Buoy "A" 26° 23′ 37.5″N 127° 59′ 08.5″E
Buoy "B" 26° 22′ 53.2″N 127° 58′ 35.2″E
(5(185)09 Tokyo)

97472 8Ed. 11/9/96 LAST NM 12/09 6/12
Change Visibility (range) of light to 9M
26° 23′ 21.5″N 127° 58′ 27.0″E
(47(1614)11 Tokyo)

★97473 8Ed. 3/6/10 NEW EDITION N19/10
(NGA)

★97474 7Ed. 12/19/98 NEW EDITION 16/99
Change Light to Fl G 3s 16m 8M 26° 11.9′ N 127° 22.4′ E
(NIMA; Jpn LL)

97474 7Ed. 12/19/98 LAST NM 16/99 47/99
Substitute Depth 0.9 meter for 1.8 meters 26° 14′ 19″N 127° 20′ 40″E
(19(820)98 Tokyo)

97474 7Ed. 12/19/98 LAST NM 47/99 43/01
Change Period of light to 3s 26° 14′ 26″N 127° 27′ 28″E
Visibility (range) of light to 5M
26° 14′ 24″N 127° 24′ 25″E
Visibility (range) of light to 5M
26° 11′ 53″N 127° 19′ 34″E
(16(572)01 Tokyo)

97474 7Ed. 12/19/98 LAST NM 43/01 21/02
Delete Submarine cable in vicinity 26° 12′ 38″N 127° 17′ 10″E
Submarine cable in vicinity 26° 11′ 25″N 127° 17′ 22″E
Submarine cable in vicinity 26° 11′ 25″N 127° 17′ 29″E

Submarine cable joining 26° 12′ 10″N 127° 17′ 15″E
26° 12′ 30″N 127° 17′ 13″E
26° 12′ 55″N 127° 17′ 22″E
(13(453)02 Tokyo)

97474 7Ed. 12/19/98 LAST NM 21/02 22/03
Change Visibility (range) of light to 5M
26° 11′ 53″N 127° 22′ 23″E
(13(466)03 Tokyo)

97474 7Ed. 12/19/98 LAST NM 22/03 26/04
Delete Submarine cable in vicinity 26° 14′ 03″N 127° 15′ 00″E

Submarine cable between 26° 13′ 24″N 127° 18′ 45″E
26° 15′ 59″N 127° 24′ 48″E
(10(264, 274)04 Tokyo)

97474 7Ed. 12/19/98 LAST NM 26/04 12/09
Change Visibility (range) of beacon to 3M
26° 14′ 24″N 127° 24′ 25″E
Visibility (range) of light to 8M
26° 14′ 26″N 127° 27′ 28″E
Visibility (range) of beacon to 3M
26° 11′ 51″N 127° 26′ 18″E

(continued on next page)

97474 (Continued) 12/09
Add Depth 18.9 meters, blue tint and enclosing depth contour (20-meter) centered 26° 12′ 29″N 127° 24′ 33″E
(Jpn CH 222A; Jpn LL)

★97480 9Ed. 10/22/11 NEW EDITION 52/11
(NGA)

97480 9Ed. 10/22/11 LAST NM 52/11 21/12
Add Dangerous wreck [K28] 24° 34.0′ N 121° 53.0′ E
Wreck [K29] 25° 10.2′ N 121° 49.9′ E
(44, 48/12 Tso-ying)

★97480 9Ed. 10/22/11 LAST NM 21/12 11/13
Substitute Depth 329 meters for 396 meters 24° 37.8′ N 124° 25.5′ E
Depth 470 meters for 539 meters 24° 40.5′ N 124° 25.7′ E
(NTM0005/2012)

97480 9Ed. 10/22/11 LAST NM 11/13 31/13
Add Wreck [K29] 25° 05.1′ N 122° 44.6′ E
(50/13 Tso-ying)

★97483 7Ed. 6/14/97 NEW EDITION 35/97
Relocate Beacon "E 6" close N to 24° 24′ 47″N 123° 50′ 33″E

Change Designation of beacon
"N 2" to "N 6" 24° 25.0′ N 123° 49.6′ E
"N 4" to "N 8" 24° 24.2′ N 123° 49.3′ E

Add Beacons, each G, can topmark
"N 1" 24° 26′ 02″N 123° 49′ 30″E
"N 3" 24° 25′ 32″N 123° 49′ 21″E
"N 7" 24° 24′ 45″N 123° 49′ 52″E
"1" 24° 23′ 23″N 123° 44′ 06″E
(NIMA; 1(16), 17(619)92 Tokyo)

97483 7Ed. 6/14/97 LAST NM 35/97 9/98
Delete Submarine cable joining 24° 14.2′ N 123° 56.4′ E
24° 15.1′ N 123° 55.7′ E
24° 15.2′ N 123° 53.9′ E
(41(1803)97 Tokyo)

★97483 7Ed. 6/14/97 LAST NM 9/98 8/99
Add Depth 26 meters "Rep (1998)" 24° 01.3′ N 123° 35.5′ E

Purple dashed line joining 24° 25.0′ N 124° 08.0′ E
24° 25.0′ N 124° 06.0′ E
24° 14.0′ N 124° 06.0′ E
24° 14.0′ N 124° 20.0′ E
24° 25.0′ N 124° 20.0′ E
24° 25.0′ N 124° 15.3′ E

Legend "DANGER AREA (see Note)" 24° 17.2′ N 124° 15.0′ E

Note in lower right margin of chart
"DANGER AREA
Due to the residual danger of mines in the area, risk exists with regard to anchoring, fishing or any form of submarine or sea bed activity."
(GIMM007, 008/99)

97483 7Ed. 6/14/97 LAST NM 8/99 36/01
Change Visibility (range) of light to 6M 24° 20′ 07″N 124° 08′ 25″E
(Jpn LL)

97483 7Ed. 6/14/97 LAST NM 36/01 39/01
Delete Light 24° 04′ 10″N 123° 45′ 56″E
(Jpn LL)

97483 7Ed. 6/14/97 LAST NM 39/01 48/02
Delete Beacon "2" 24° 15′ 57″N 124° 01′ 21″E
Beacon "4" 24° 15′ 26″N 124° 00′ 06″E

Add Beacon "1" G, can topmark, Fl(2) G 6s 2M 24° 16′ 07″N 124° 00′ 12″E
Beacon "4" R, cone topmark, Fl R 3s 2M 24° 15′ 39″N 123° 59′ 55″E
(42(1746), 43(1787)98 Tokyo)

97483 7Ed. 6/14/97 LAST NM 48/02 52/02
Add Buoy Y, pillar, Fl(5) Y 20s Ra Ref [S4] 24° 37′ 55″N 123° 26′ 54″E
(18(640)01 Tokyo)

97483 7Ed. 6/14/97 LAST NM 52/02 20/03
Change Light to Fl G 3s 3M 24° 20′ 39″N 124° 08′ 41″E
(12(424)03 Tokyo)

97483 7Ed. 6/14/97 LAST NM 20/03 11/04
Add Legend "Lesser depths reported (2004)" 24° 25′ 50″N 123° 48′ 28″E
(1(22)04 Tokyo)

97483 7Ed. 6/14/97 LAST NM 11/04 44/04
Delete Buoy 24° 37′ 54″N 123° 26′ 54″E
(28(739)04 Tokyo)

97483 7Ed. 6/14/97 LAST NM 44/04 38/05
Add Chartlet, depicting changes in hydrography and aids to navigation, from Subsection I-2 24° 26′ 00″N 123° 49′ 00″E
(50(1294)04 Tokyo; Jpn CH W1206)

97483 7Ed. 6/14/97 LAST NM 38/05 32/09
Change Visibility (range) of light to 4M 24° 20′ 10″N 124° 08′ 22″E
Visibility (range) of light to 7M 24° 20′ 06″N 124° 08′ 12″E
Light to Fl(2) R 6s 4M 24° 20′ 07″N 124° 08′ 25″E
Light to Fl R 3s 3M 24° 19′ 54″N 124° 09′ 45″E

Add Buoy Y, spar, Mo(U) 8s 24° 33′ 23″N 123° 48′ 14″E
(Jpn CH 1206; Jpn LL)

97483 7Ed. 6/14/97 LAST NM 32/09 38/09
Relocate Light (Fl(2) R) from 24° 20′ 07″N 124° 08′ 25″E to 24° 19′ 57″N 124° 07′ 57″E
(25(1081)09 Tokyo)

97483 7Ed. 6/14/97 LAST NM 38/09 16/10
Change Visibility (range) of light to 12M 24° 36′ 37″N 124° 18′ 52″E
(2(61)10 Tokyo)

★97483 7Ed. 6/14/97 LAST NM 16/10 11/13
Substitute Depth 329 meters for 396 meters 24° 37′ 45″N 124° 25′ 28″E

Add Depth 761 meters 24° 33′ 18″N 123° 56′ 03″E
(NTM0005/2012)

★97501 2Ed. 4/3/04 NEW EDITION 21/04
(NGA)

97501 2Ed. 4/3/04 LAST NM 21/04 23/04
Add Legend "PLAN A" 25° 45′ 12″N 131° 07′ 54″E
Legend "PLAN B" 24° 30′ 06″N 131° 07′ 00″E

(Plan A)
Change Visibility (range) of light to 22M 25° 56′ 59″N 131° 17′ 38″E
(NGA; 26(1123)99 Tokyo; Jpn LL)

★97521 6Ed. 3/14/98 NEW EDITION 25/98
(NIMA)

97521 6Ed. 3/14/98 LAST NM 25/98 1/99
(Plan L)
Add Depth 15.6 meters 33° 01′ 41″N 139° 50′ 55″E
(36(1507)98 Tokyo)

97521 6Ed. 3/14/98 LAST NM 1/99 15/99
(Plan K)
Add Position circle "G Lt" 33° 07′ 16.2″N 139° 49′ 03.0″E
(2(32)98 Tokyo)

97521 6Ed. 3/14/98 LAST NM 15/99 20/99
(Plan L)
Delete Depth 57 meters 33° 00.3′ N 139° 47.1′ E
(9(347)99 Tokyo)

97521 6Ed. 3/14/98 LAST NM 20/99 28/01
(Plan E)
Add Chartlet, depicting changes in hydrography, from Subsection I-2 30° 28′ 55.0″N 140° 18′ 06.0″E
(Jpn CH 83)

97521 6Ed. 3/14/98 LAST NM 28/01 19/02
(Plan F)
Change Light to Fl 3s 17m 10M 34° 04′ 48″N 139° 34′ 00″E
Light to Fl G 5s 20m 6M 34° 03′ 24″N 139° 32′ 48″E
Light to Fl G 8s 14m 3M 34° 03′ 58″N 139° 28′ 47″E
(12(391, 392)02 Tokyo)

97521 6Ed. 3/14/98 LAST NM 19/02 42/02
(Plan M)
Add Solid line (breakwater) joining
33° 05′ 46.3″N 139° 46′ 34.0″E
33° 05′ 46.0″N 139° 46′ 36.0″E
33° 05′ 49.3″N 139° 46′ 41.7″E

Position circle "(R Lt)" 33° 05′ 46.3″N 139° 46′ 34.0″E
(35(1208)02 Tokyo)

97521 6Ed. 3/14/98 LAST NM 42/02 16/03
(Plan D)
Change Light to Oc G 8s 10m 9M 27° 05′ 37″N 142° 11′ 44″E
(10(334)03 Tokyo)

97521 6Ed. 3/14/98 LAST NM 16/03 18/03
(Plan K)
Delete Light 33° 07′ 23.0″N 139° 49′ 11.0″E

Add Light Fl 3s 16m 10M 33° 07′ 24.1″N 139° 49′ 14.4″E

Solid line (jetty) [F14] between
33° 07′ 24.1″N 139° 49′ 14.4″E
33° 07′ 23.2″N 139° 49′ 11.9″E

(Plan L)
Change Visibility (range) of light to 10M
33° 07′ 24″N 139° 49′ 14″E
(12(415)03 Tokyo)

97521 6Ed. 3/14/98 LAST NM 18/03 20/03
(Plan J)
Delete Buoy 32° 26′ 43″N 139° 45′ 28″E
(13(553)99 Tokyo)

97521 6Ed. 3/14/98 LAST NM 20/03 36/04
(Plan F)
Delete Submarine cable between 34° 11′ 42″N 139° 25′ 06″E
34° 04′ 20″N 139° 28′ 45″E

Submarine cable between 34° 04′ 20″N 139° 28′ 45″E
33° 58′ 58″N 139° 41′ 03″E

(Plan K)
Delete Submarine cable between 33° 09′ 17.0″N 139° 50′ 44.0″E
33° 07′ 59.0″N 139° 48′ 14.5″E

(Plan L)
Delete Submarine cable between 33° 17′ 54″N 139° 53′ 28″E
33° 08′ 00″N 139° 48′ 20″E
(40(1629)99 Tokyo)

97521 6Ed. 3/14/98 LAST NM 36/04 40/04
(Plan K)
Delete Light 33° 07′ 58.5″N 139° 48′ 20.0″E

Add Light Iso G 4s 17m 10M 33° 07′ 58.0″N 139° 48′ 22.0″E

(Plan L)
Change Visibility (range) of light to 10M
33° 07′ 58″N 139° 48′ 22″E
(28(728)04 Tokyo)

97521 6Ed. 3/14/98 LAST NM 40/04 14/05
(Plan D)
Change Light to Fl 4s 70m 10M, Dir WRG 65m 13-10M 27° 04′ 46″N 142° 12′ 31″E
(50(1294)04 Tokyo)

97521 6Ed. 3/14/98 LAST NM 14/05 29/05
(Plan B)
Add Dashed line circle [Ke]
"Discolored water Rep (2005)" 24° 17′ 24″N 141° 29′ 06″E
(NTM0026/2005)

97521 6Ed. 3/14/98 LAST NM 29/05 33/05
(Plan B)
Relocate Dashed-line circle "Discolored water Rep (2005)" from 24° 17′ 24″N 141° 29′ 06″E
to 24° 17′ 18″N 141° 28′ 36″E
(See 29/05-97521)
(NTM0026/2005)

97521 6Ed. 3/14/98 LAST NM 33/05 27/08
(Plan H)
Add Fish haven symbol [K46.1] 34° 23′ 06.5″N 139° 15′ 08.7″E
(22(753)08 Tokyo)

97521 6Ed. 3/14/98 LAST NM 27/08 49/09
(Plan H)
Add Fish haven symbol [K46.1] 34° 23′ 09.7″N 139° 15′ 03.8″E
(12(484)09 Tokyo)

97521 6Ed. 3/14/98 LAST NM 49/09 20/10
(Plan K)
Change Visibility (range) of light to 8M
33° 07′ 58.0″N 139° 48′ 22.0″E
Visibility (range) of light to 7M
33° 07′ 24.1″N 139° 49′ 14.4″E

(Plan L)
Change Visibility (range) of light to 8M
33° 07′ 58″N 139° 48′ 22″E
Visibility (range) of light to 7M
33° 07′ 24″N 139° 49′ 14″E
Light to Iso G 6s 15m 8M 33° 05′ 52″N 139° 46′ 33″E

(Plan M)
Change Light to Iso G 6s 15m 8M 33° 05′ 51.5″N 139° 46′ 33.0″E
(11(432)10 Tokyo)

97521 6Ed. 3/14/98 LAST NM 20/10 4/12
(Plan C)
Delete Plan C
(NGA)

★97521 6Ed. 3/14/98 LAST NM 4/12 11/13
(Plan J)
Add Depth 256 meters 32° 23′ 56″N 139° 52′ 43″E
(NTM0005/2012)

★97561 2Ed. 9/12/98 NEW EDITION 50/98
(NIMA)

★97562 4Ed. 9/21/96 NEW EDITION 1/97
(NIMA)

★97564 3Ed. 8/10/96 NEW EDITION 44/96
(NIMA)

97564 3Ed. 8/10/96 LAST NM 44/96 16/03
Change Visibility (range) of light to 9M
27° 05′ 37.0″N 142° 11′ 44.0″E
(10(334)03 Tokyo)

97564 3Ed. 8/10/96 LAST NM 16/03 14/05
Change Light to Fl 4s 70m 10M, Dir F WRG 65m 13-10M 27° 04′ 46.0″N 142° 12′ 31.0″E
(50(1294)04 Tokyo)

97564 3Ed. 8/10/96 LAST NM 14/05 34/09
Relocate Buoy (mooring) from
27° 05′ 24.0″N 142° 11′ 54.0″E to
27° 05′ 26.0″N 142° 11′ 51.0″E
Buoy (mooring) from
27° 05′ 15.0″N 142° 11′ 52.0″E to
27° 05′ 16.0″N 142° 11′ 49.0″E

(continued on next page)

97564 (Continued) 34/09
Buoy (mooring) from
27° 05′ 06.0″N 142° 11′ 50.2″E to
27° 05′ 06.0″N 142° 11′ 48.0″E
(21(886)09 Tokyo)

★97568 1Ed. 5/11/06 NEW CHART N4/12
(NGA)

★97965 1Ed. 8/14/03 NEW CHART N45/11
(NGA)

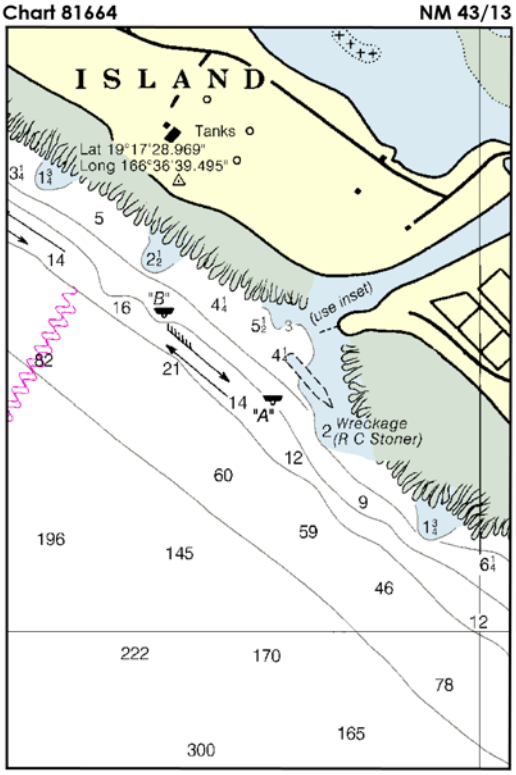
97965 1Ed. 8/14/03 LAST NM N45/11 N53/11
Add Double solid line with land tint (breakwater
extension) [F4.1] between 34° 04′ 42.7″N 133° 00′ 00.6″E
34° 04′ 38.8″N 133° 00′ 03.3″E
(47(1602)11 Tokyo)

Chart 81523 NM 44/77

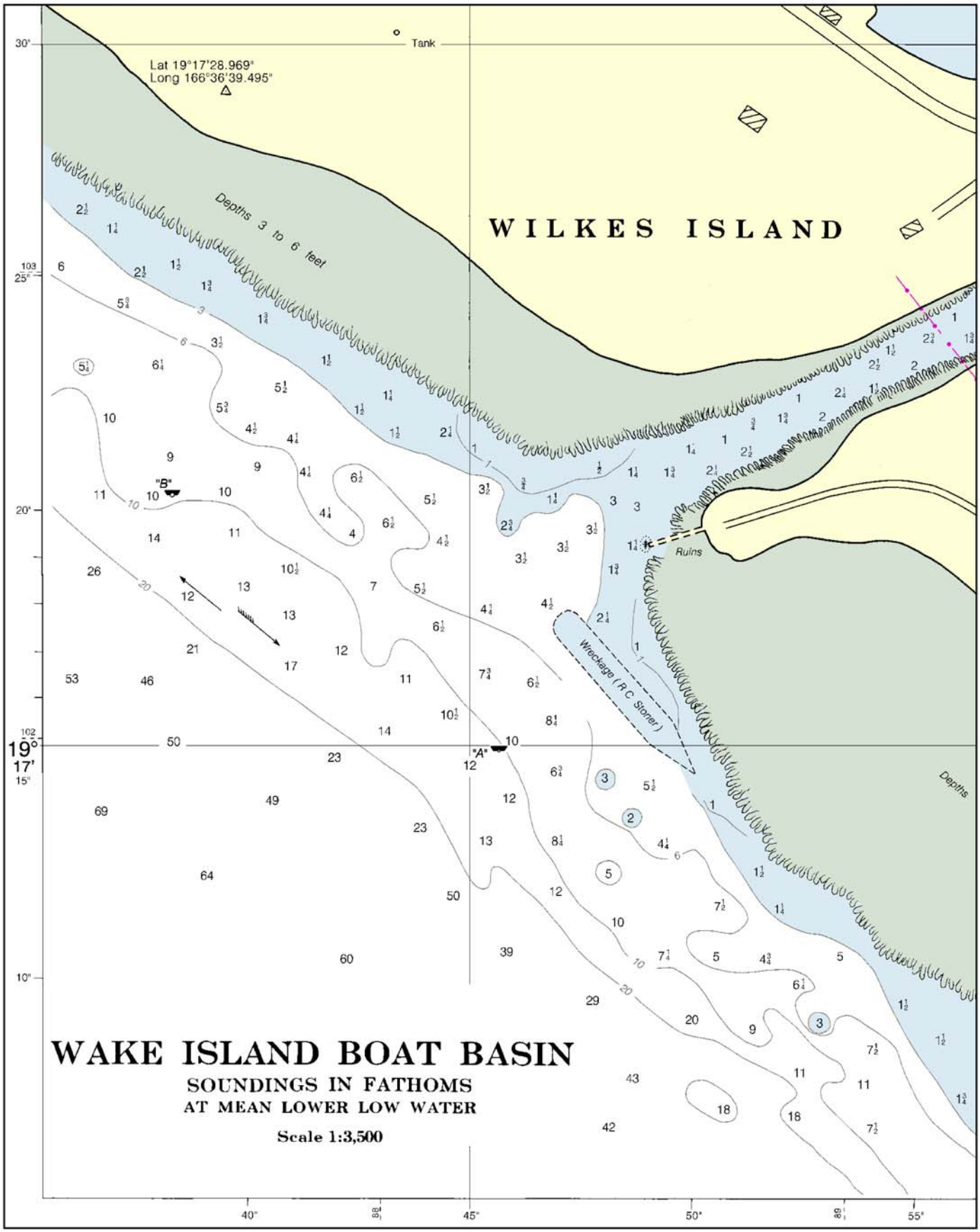
CAUTION

1. *Undetected coral heads may exist outside the dragged areas.*
2. *Enewetak Atoll and surrounding waters have been declared a closed area, defined on the chart by a dashed purple line. All vessels and aircraft are prohibited from entering this area without specific clearance. Entry into Enewetak Atoll is controlled by Field Command, Defense Nuclear Agency. Inquiries concerning entries into Enewetak Atoll should be directed to: Commander, Enewetak Atoll, M.I., Attn: FCR.*
3. The Hydrographic and topographic details shown on this chart are subject to constant change and may not always be reliable.
4. Many of the lighted buoys shown on this chart have been extinguished and will remain extinguished except during periods of Naval operations.

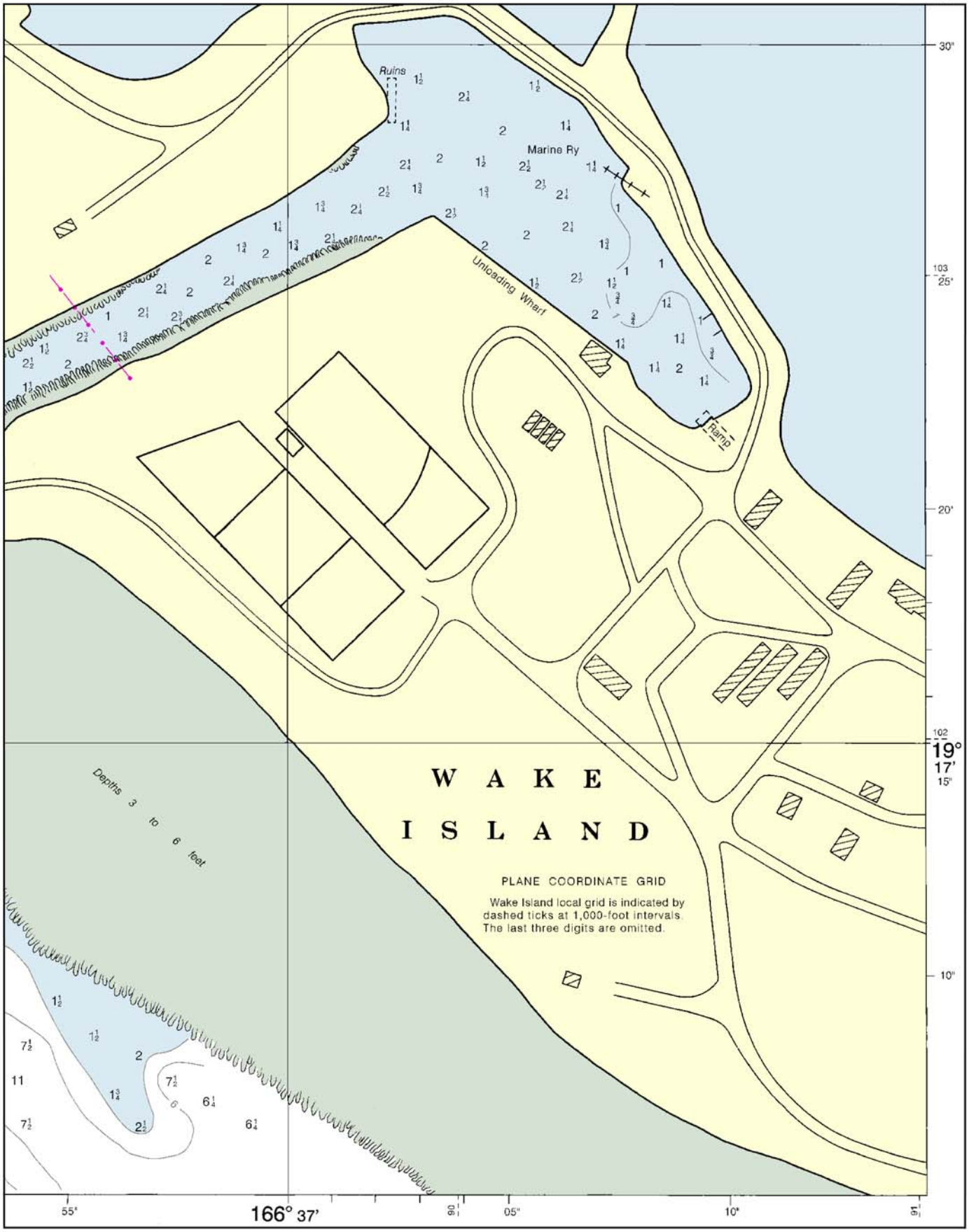
Chart 81664 NM 43/13



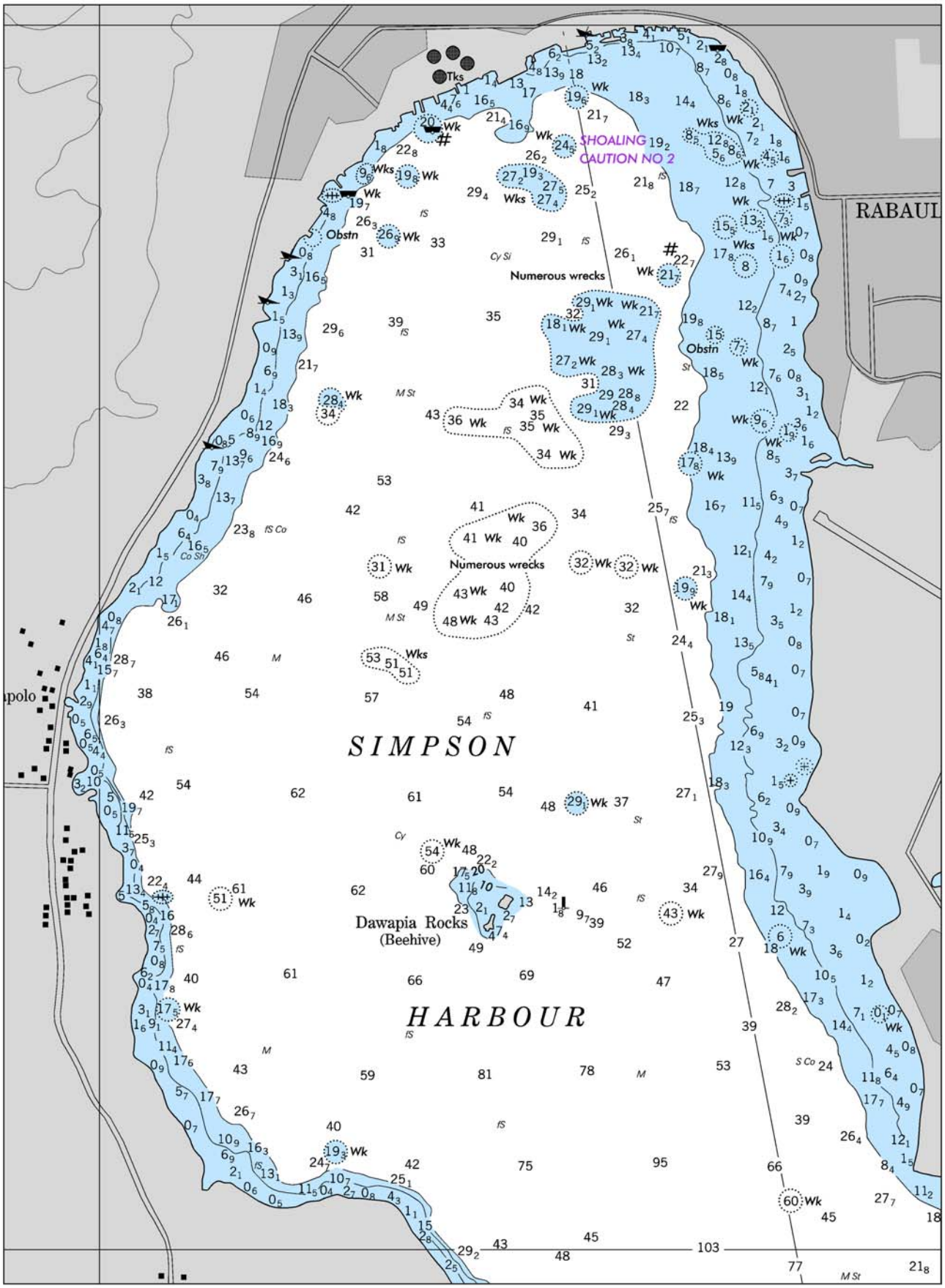
Graphics


Tank
Lat 19°17'28.969"
Long 166°36'39.495"
Depths 3 to 6 feet
WILKES ISLAND
Ruins
Wreckage (R C Stoner)
Depths
"A"
"B"
WAKE ISLAND BOAT BASIN
SOUNDINGS IN FATHOMS
AT MEAN LOWER LOW WATER
Scale 1:3,500

Graphics


Ruins
Marine Ry
Unloading Wharf
Ramp
Depths 3 to 6 feet
W A K E
I S L A N D
PLANE COORDINATE GRID
Wake Island local grid is indicated by dashed ticks at 1,000-foot intervals. The last three digits are omitted.
30"
103 25"
20"
102
19° 17' 15"
10"
55"
166° 37'
05"
10"

Graphics


SHOALING
CAUTION NO 2
RABAUL
Numerous wrecks
Numerous wrecks
SIMPSON
HARBOUR
Dawapia Rocks
(Beehive)
Obstn
Obstn
Tks
Wks
Wk
fS
Cy Si
M St
St
Cy
S Co
fS Co
Co Sh
M

Graphics

Chart 82192 (B) NM 46/98

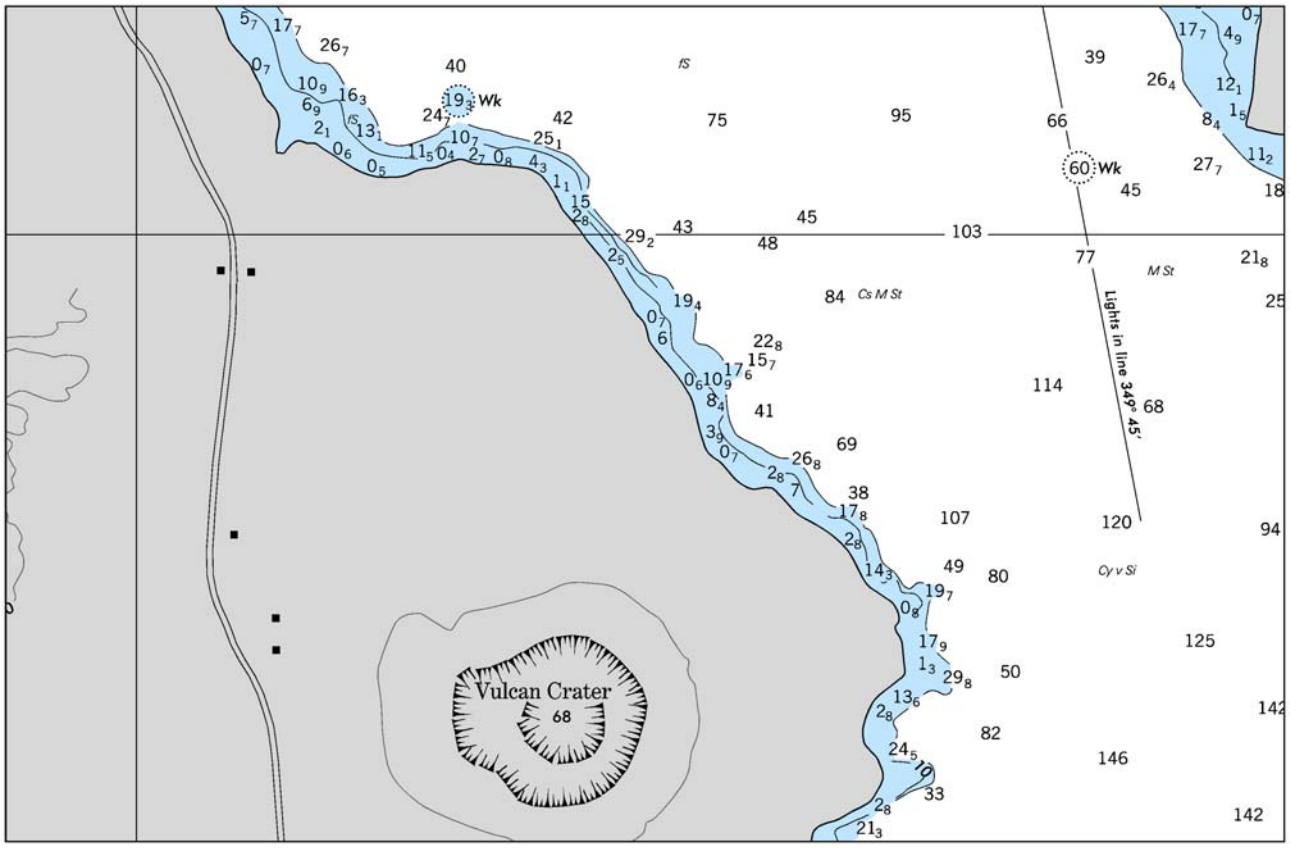
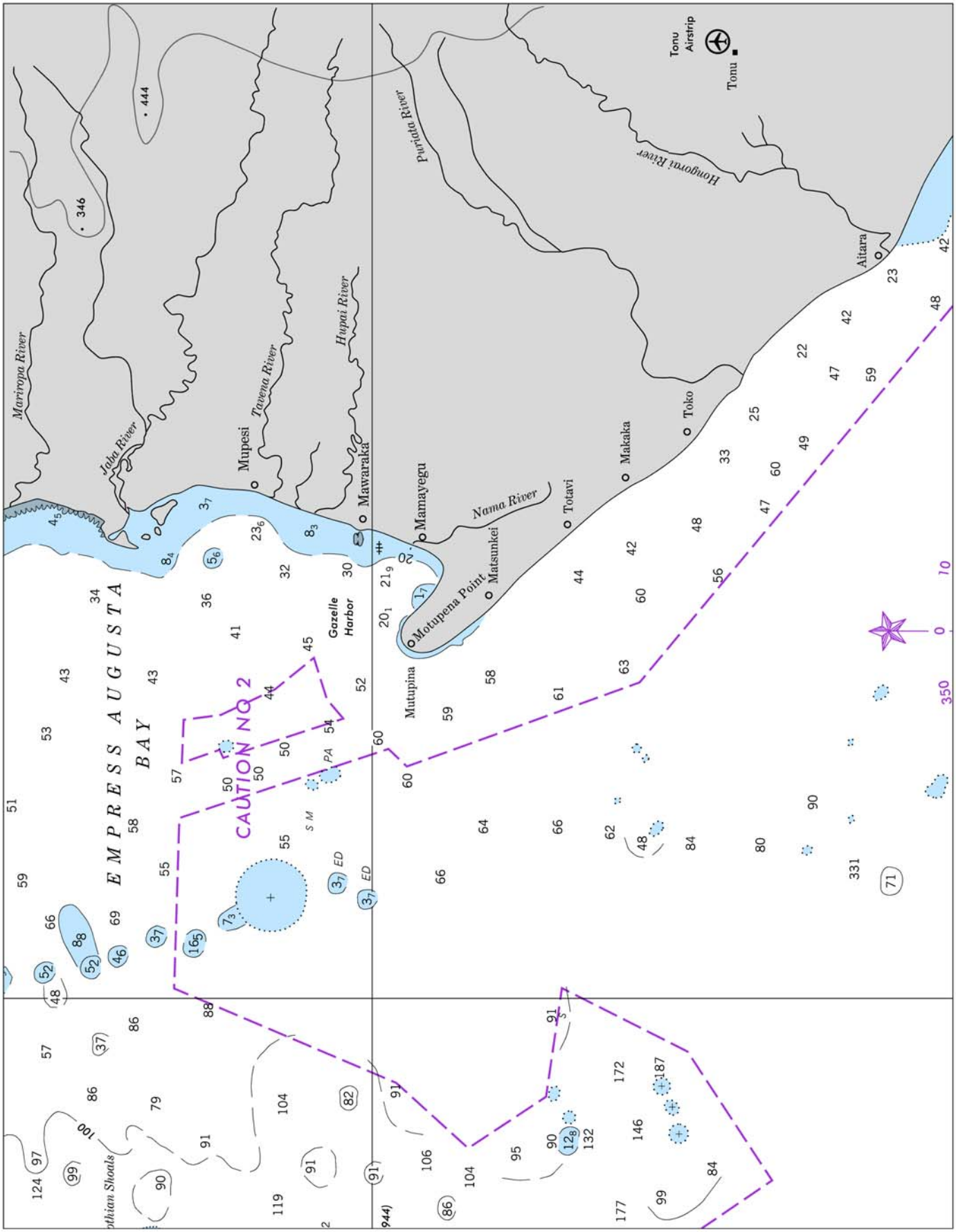


Chart 82242 NM 50/02

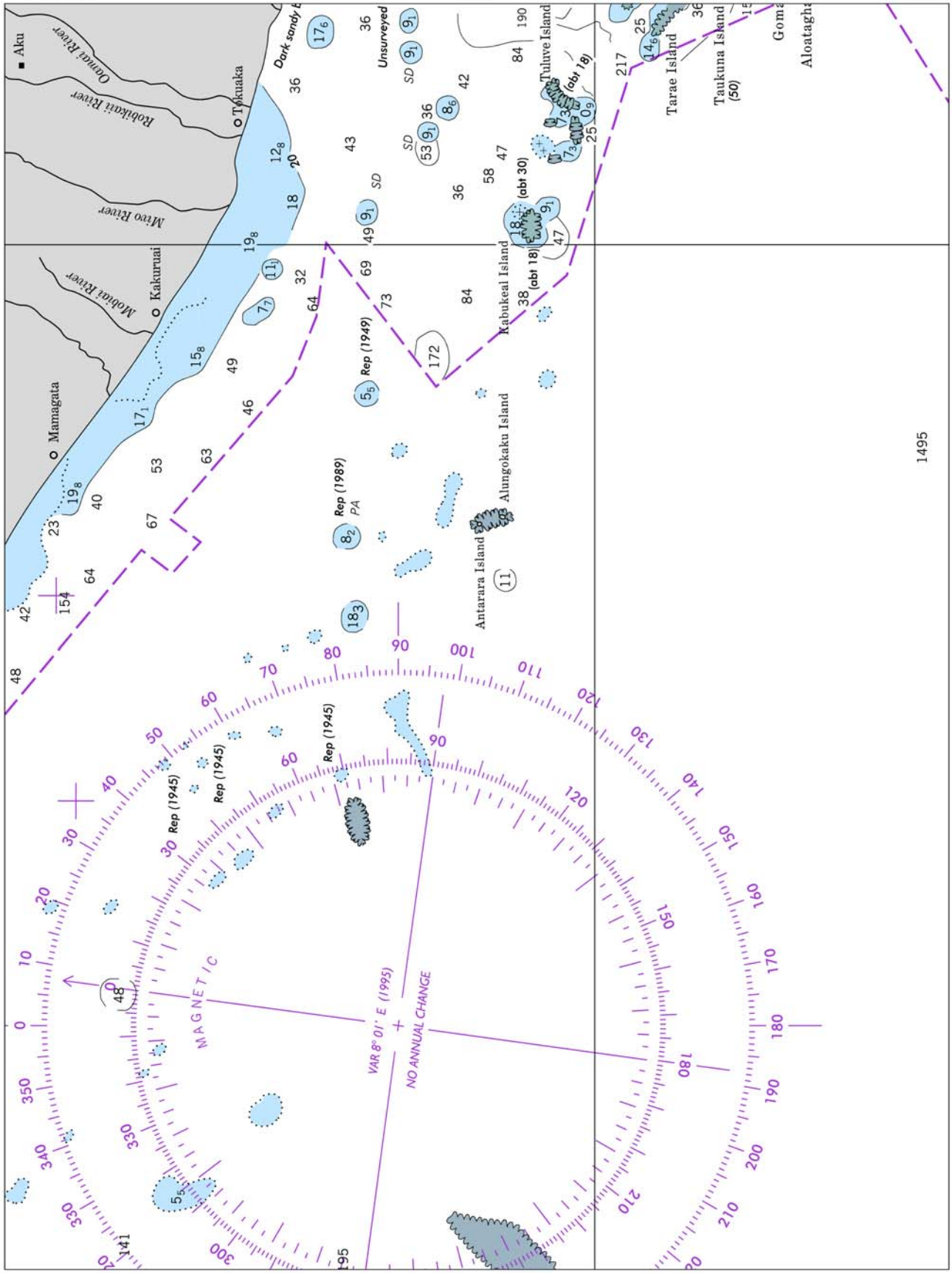
DATUM NOTE

Positions referred to the World Geodetic System 1984 (WGS-84) must be moved 2.4 seconds southward and 3.5 seconds westward to agree with this chart.

Graphics


EMPRESS AUGUSTA BAY
CAUTION NO 2
Gazelle Harbor
Mariropa River
Jaba River
Mupesi
Tavena River
Hupai River
Mawaraka
Mamayegu
Nama River
Matsunkei
Motupena Point
Mutupina
Totavi
Makaka
Toko
Puridata River
Hongoma River
Aitara
Tonu Airstrip
Tonu
Thian Shoals
346
444

Graphics


Aku
Omnai River
Robkoai River
Mieo River
Mobiai River
Mamagata
Kakuruai
Takuaka
Dark sandy b
Unsurveyed
Tuluve Island
Tarae Island
Taukuna Island
(50)
Goma
Aloatagha
Kabukeal Island
Alungokaku Island
Antarara Island
Rep (1949)
Rep (1989)
PA
Rep (1945)
MAGNETIC
VAR 8° 01' E (1995)
NO ANNUAL CHANGE
1495

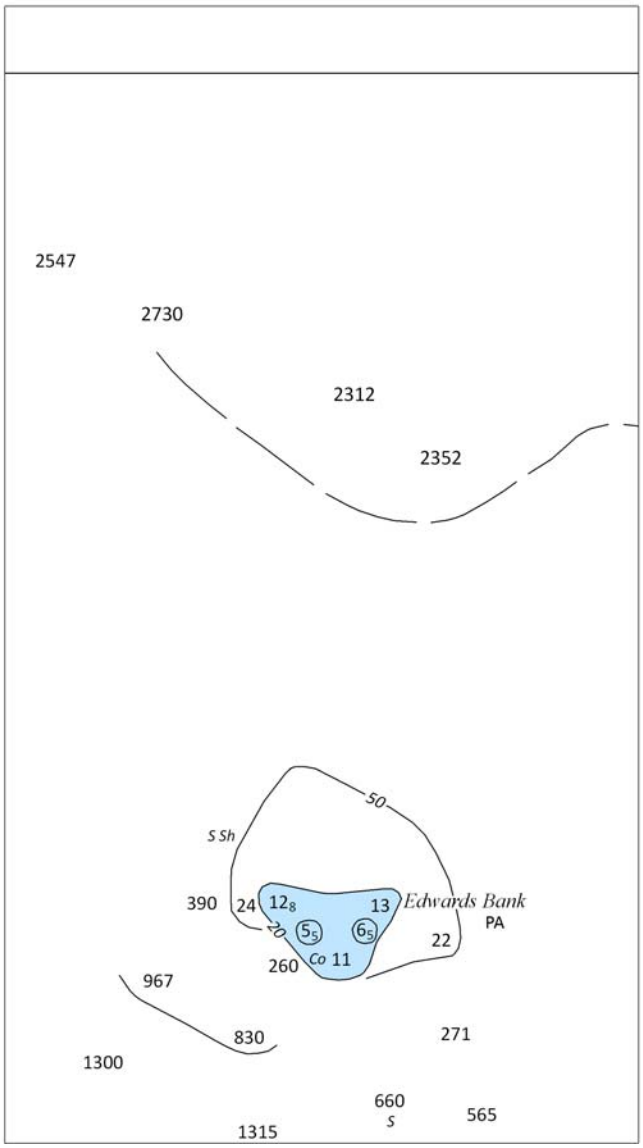
Graphics

Chart 82253 NM 50/02

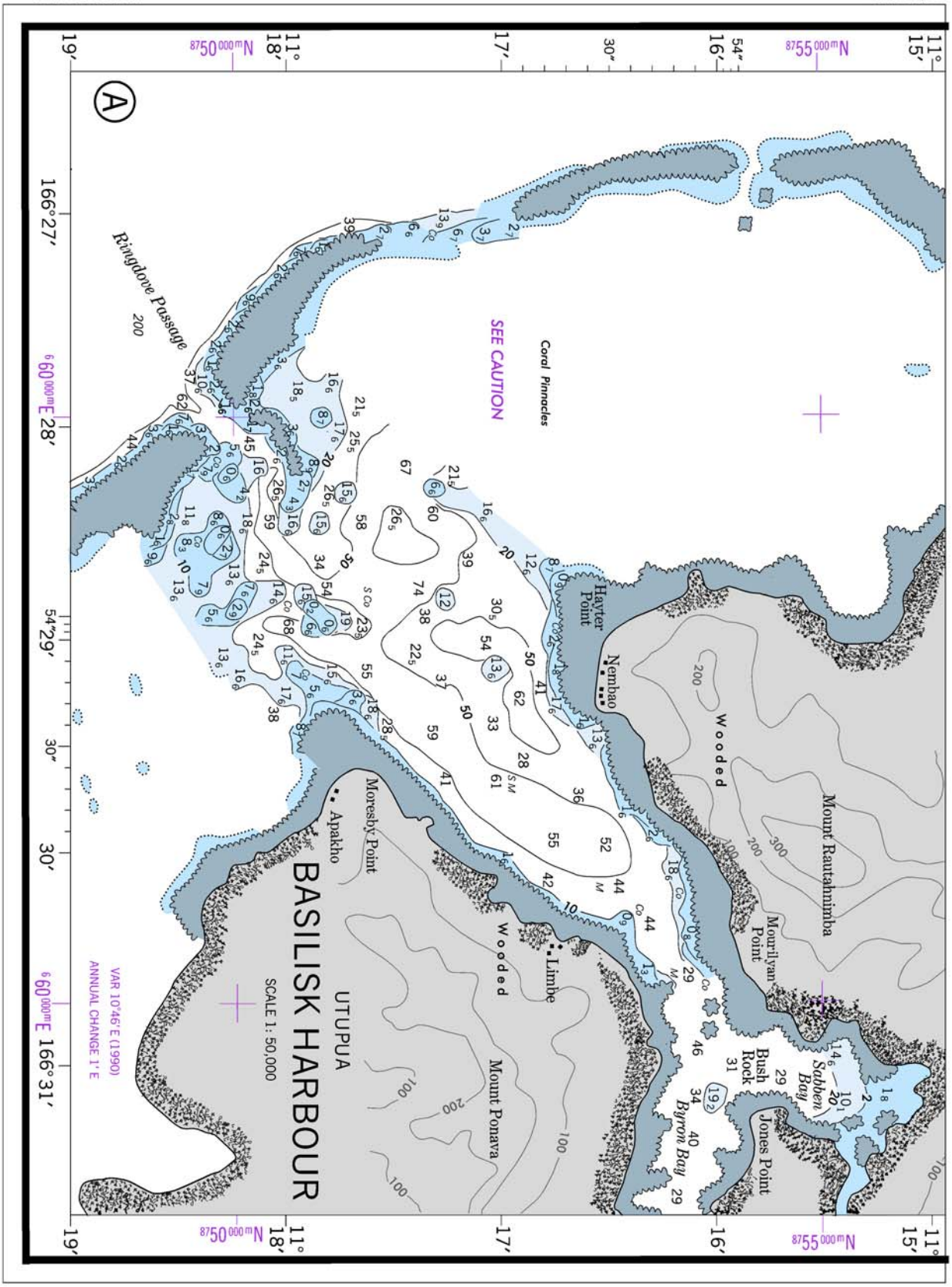
DATUM NOTE

Positions referred to the World Geodetic System 1984 (WGS-84) must be moved 0.4 minutes southward with no change in longitude to agree with this chart.

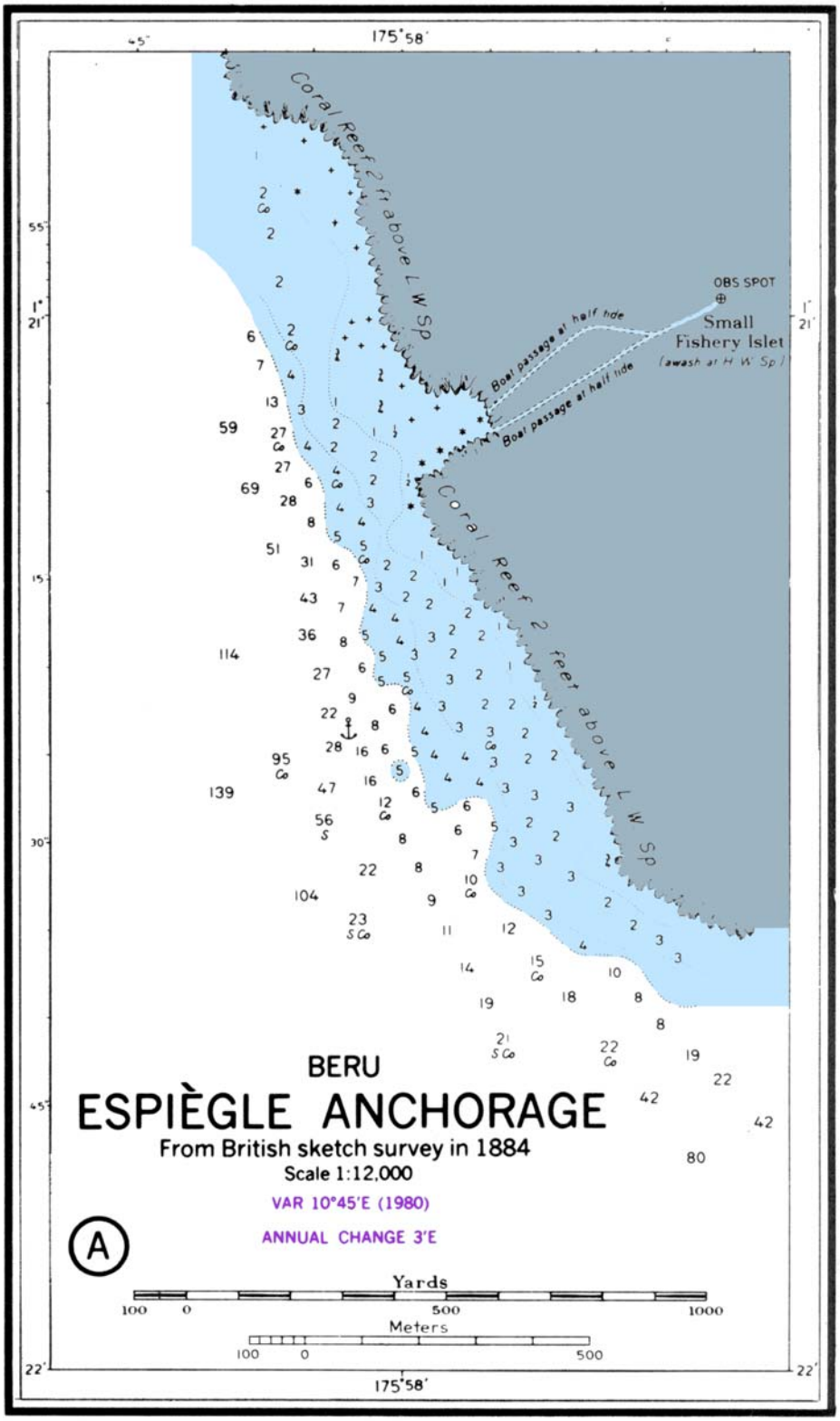
Chart 82356 **NM 5/11**



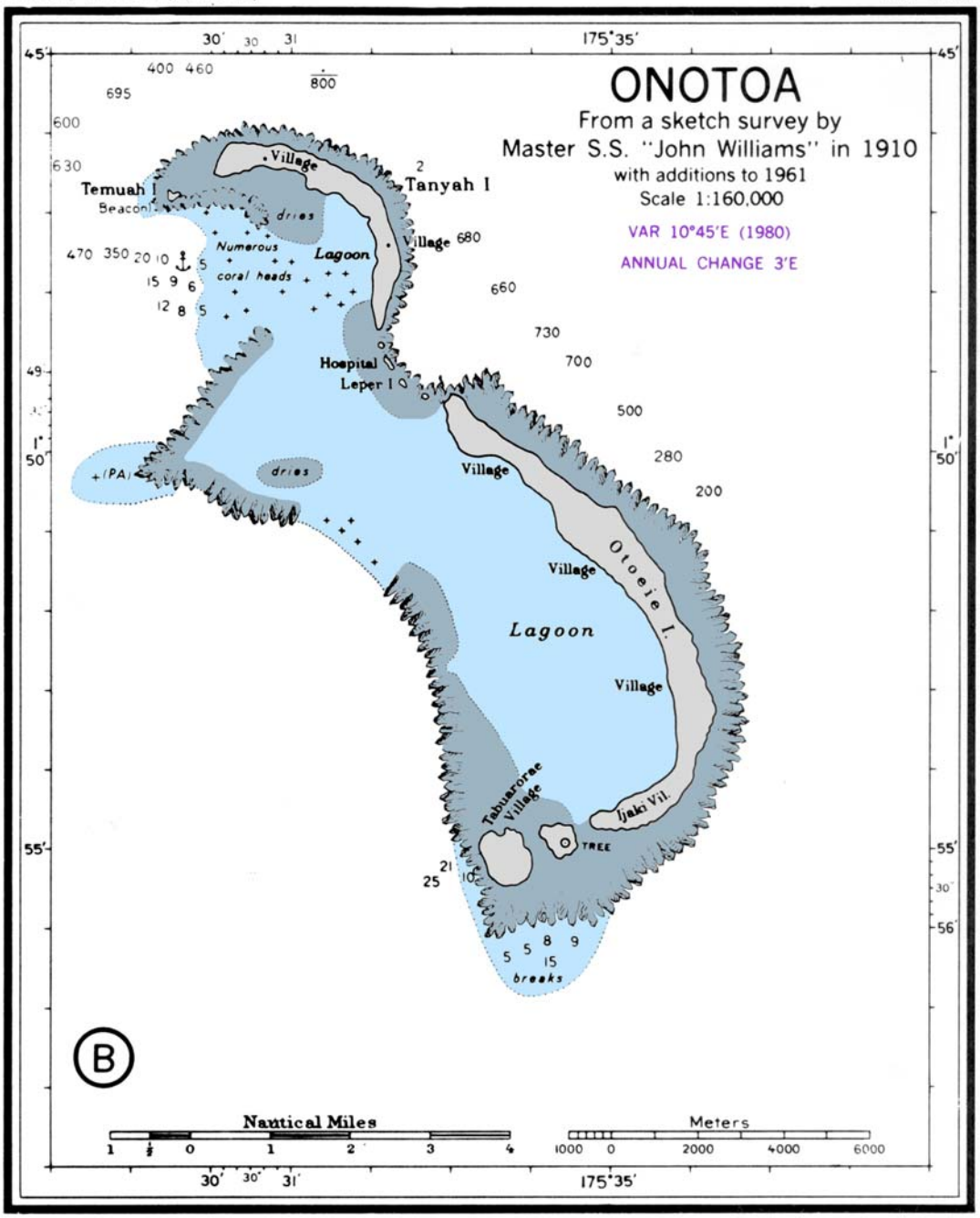
Graphics


BASILISK HARBOUR
UTUPUA
SCALE 1: 50,000
VAR 10°46' E (1990)
ANNUAL CHANGE 1' E
Ringdove Passage
SEE CAUTION
Coral Pinnacles
Hayter Point
Nembao
Apakho
Moresby Point
Limbe
Wooded
Mount Ponava
Mount Rautahnimba
Mouriyan Point
Bush Rock
Jones Point
Sabben Bay
Byron Bay
A

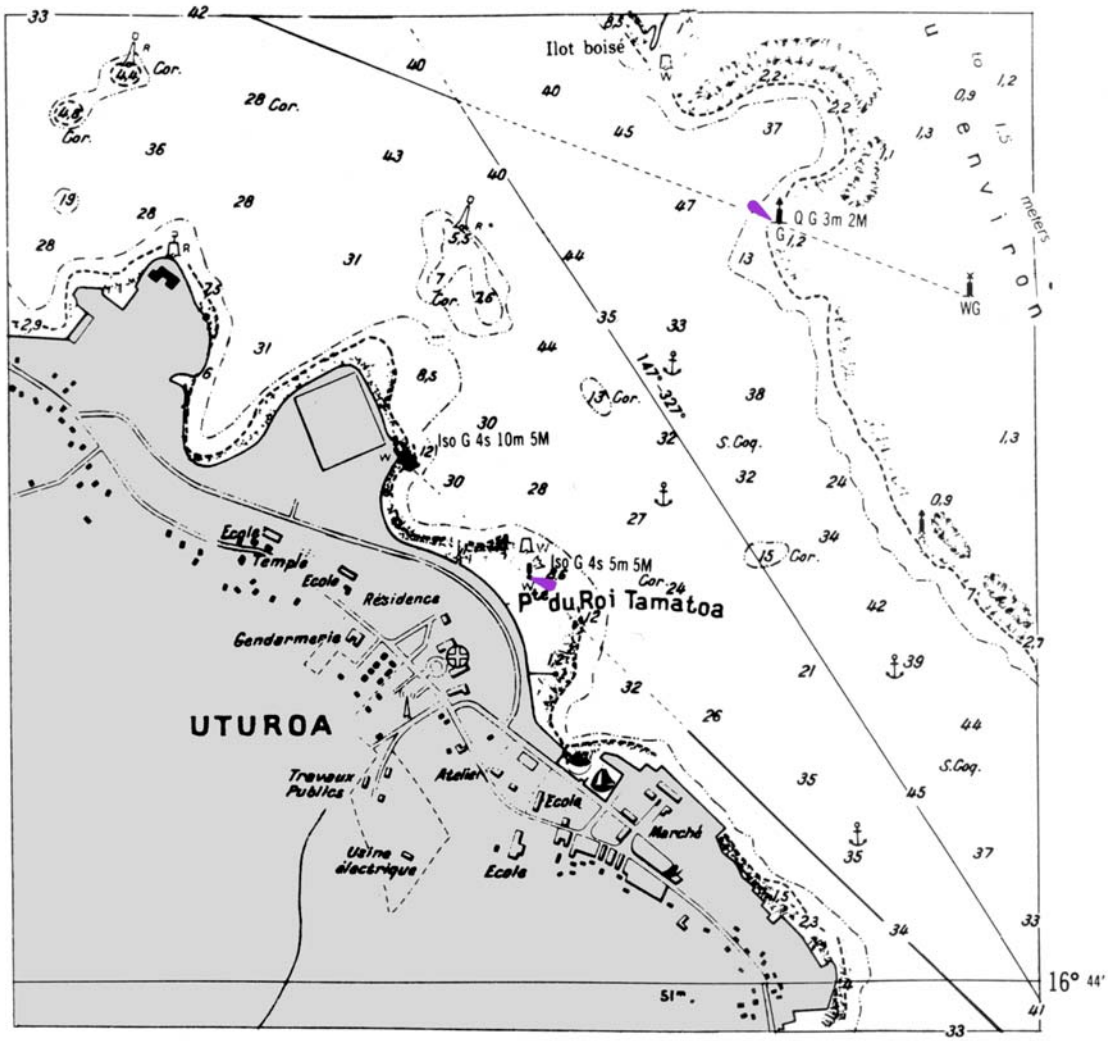
Graphics


175°58'
Coral Reef 2 ft above L W Sp
Coral Reef 2 feet above L W Sp
OBS SPOT
Small
Fishery Islet
(awash at H W Sp)
Boat passage at half tide
Boat passage at half tide
BERU
ESPIÈGLE ANCHORAGE
From British sketch survey in 1884
Scale 1:12,000
VAR 10°45'E (1980)
ANNUAL CHANGE 3'E
A
Yards
100 0 500 1000
Meters
100 0 500
175°58'

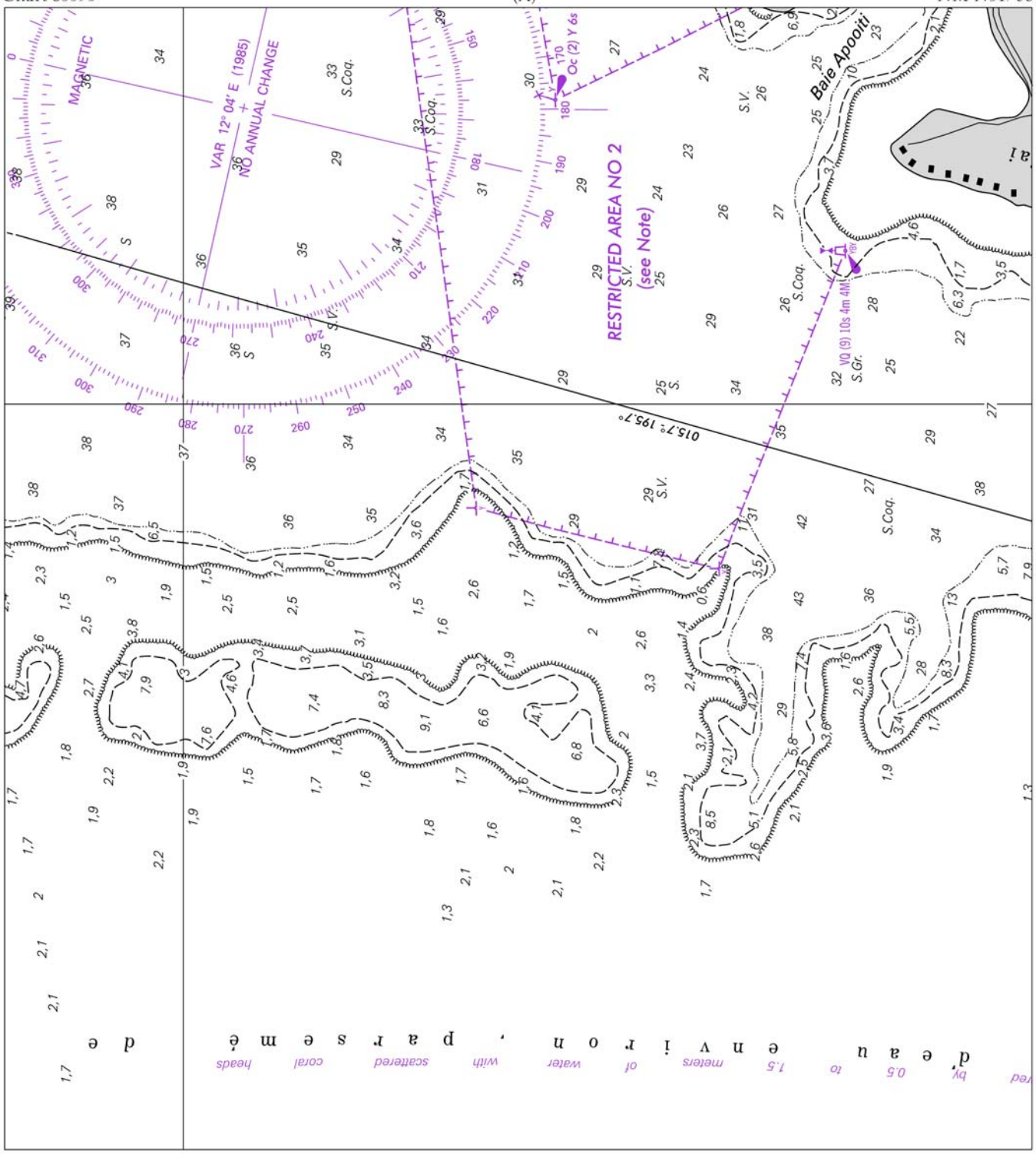
Graphics


ONOTOA
From a sketch survey by
Master S.S. "John Williams" in 1910
with additions to 1961
Scale 1:160,000
VAR 10°45'E (1980)
ANNUAL CHANGE 3'E
175°35'
Temuah I
Beacon
Tanyah I
Village
dries
Numerous
coral heads
Lagoon
Hospital
Leper I
(PA)
Otoele I.
Tabuarorae Village
Ijaki Vil.
TREE
breaks
B
Nautical Miles
Meters

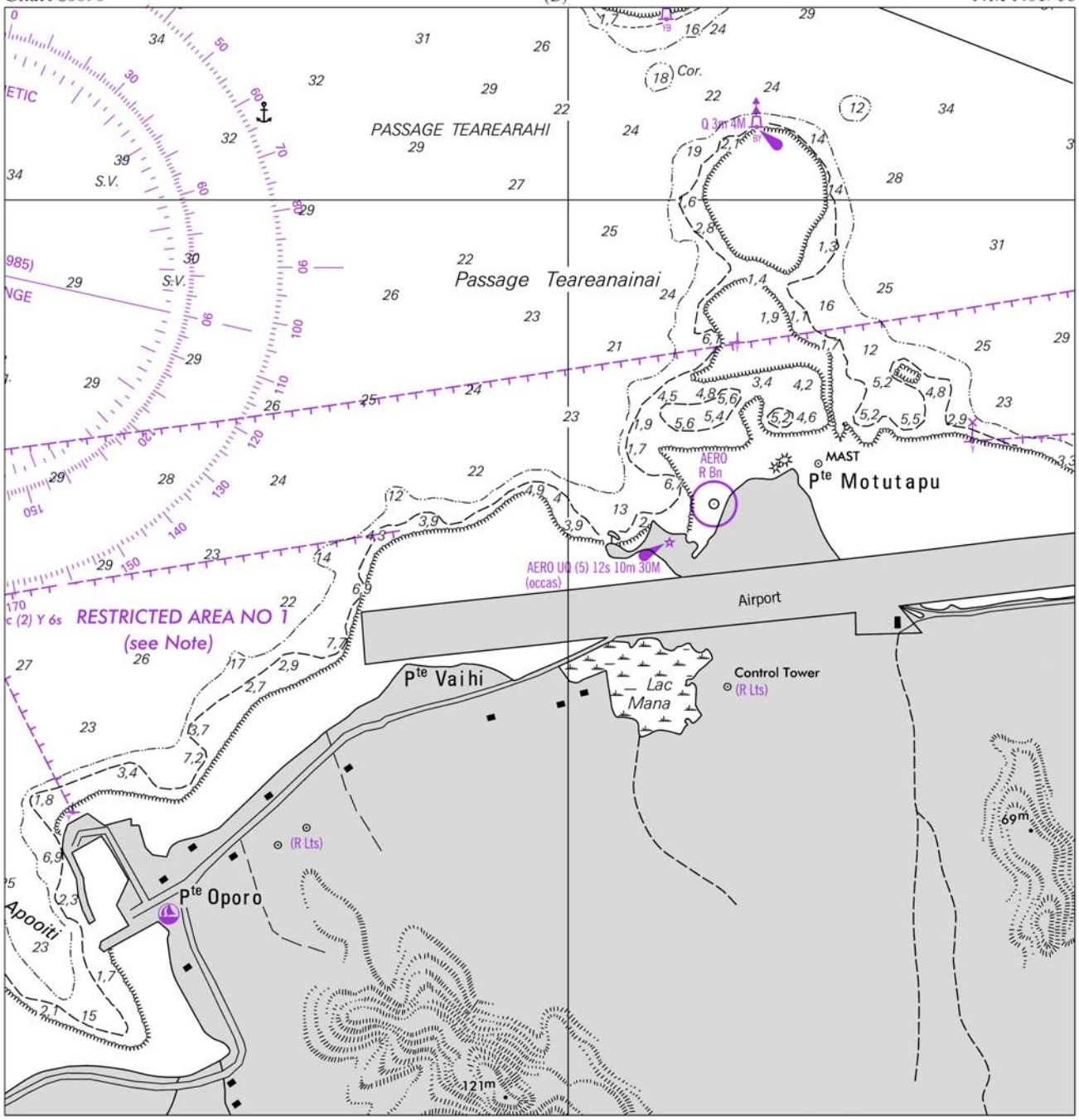
Graphics


Ilot boisé
Q G 3m 2M
WG
Iso G 4s 10m 5M
Iso G 4s 5m 5M
Pte du Roi Tamatoa
UTUROA
Ecole
Temple
Ecole
Résidence
Gendarmerie
Travaux Publics
Atelier
Ecole
Marché
Usine électrique
Ecole
S.Coq.
S.Coq.
Cor.
16° 44'
51m.

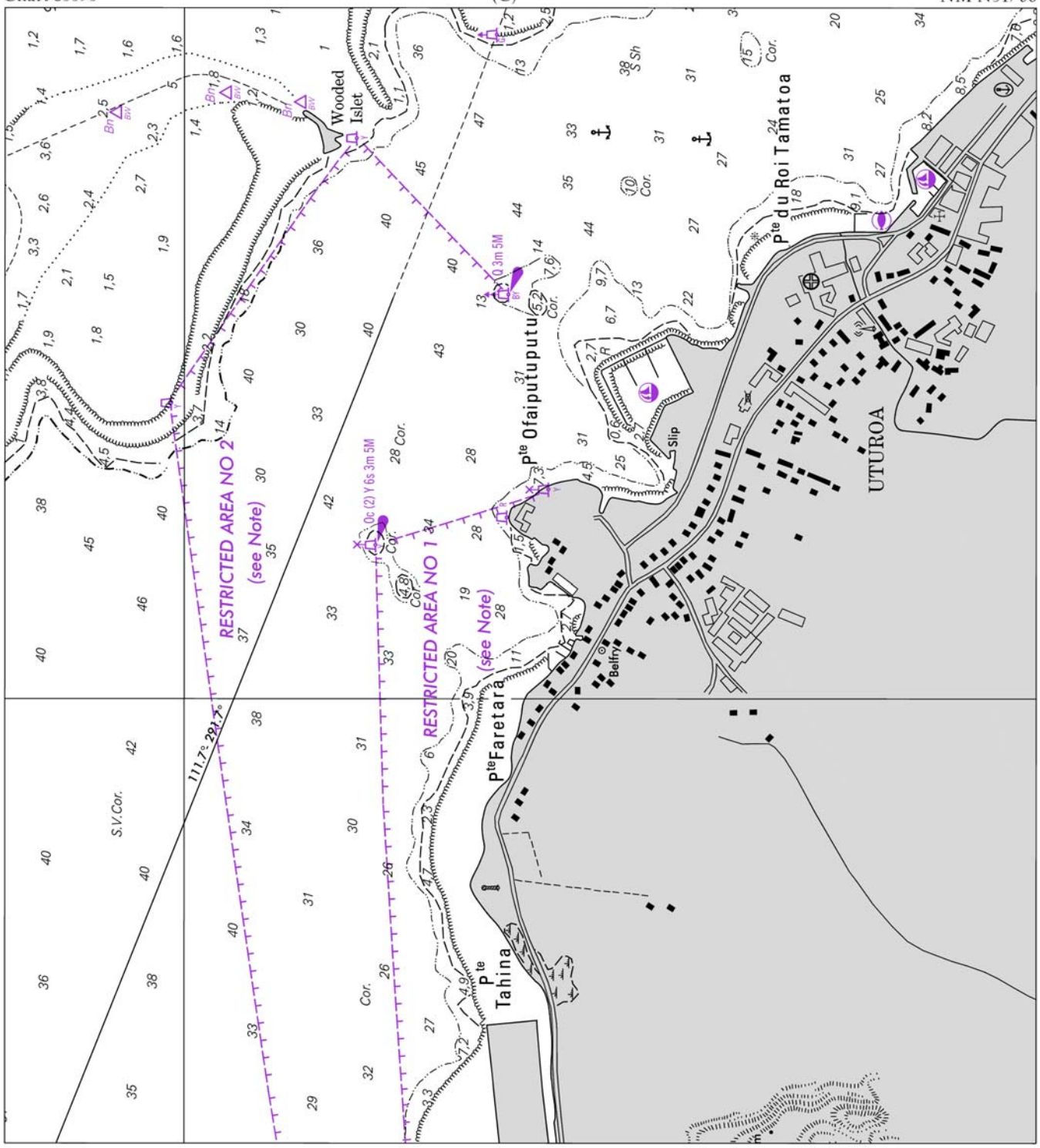
Graphics


MAGNETIC
VAR 12° 04' E (1985)
NO ANNUAL CHANGE
RESTRICTED AREA NO 2
(see Note)
Baie Apooiti
Oc (2) Y 6s
VQ (9) 10s 4m 4M
015.7° 195.7°
S.Coq.
S.V.
S.Gr.
d'eau by 0.5 to 1.5 meters of water with scattered coral heads
environnement, parsemé de

Graphics


PASSAGE TEAREARAHI
Passage Teareanainai
Q 3m 4M
AERO R Bn
MAST
Pte Motutapu
AERO UQ (5) 12s 10m 30M (occas)
Airport
RESTRICTED AREA NO 1
(see Note)
Pte Vaihi
Lac Mana
Control Tower
(R Lts)
Pte Oporo
Apooiti
69m
121m

Graphics


Wooded Islet
RESTRICTED AREA NO 2
(see Note)
RESTRICTED AREA NO 1
(see Note)
Pte Ofaiputuputu
Pte du Roi Tamatoa
UTUROA
Pte Faretara
Pte Tahina
Slip
Belfry
111.7°
291.7°
S.V.Cor.
Cor.
Sh
Oc (2) Y 6s 3m 5M
Q 3m 5M

Graphics

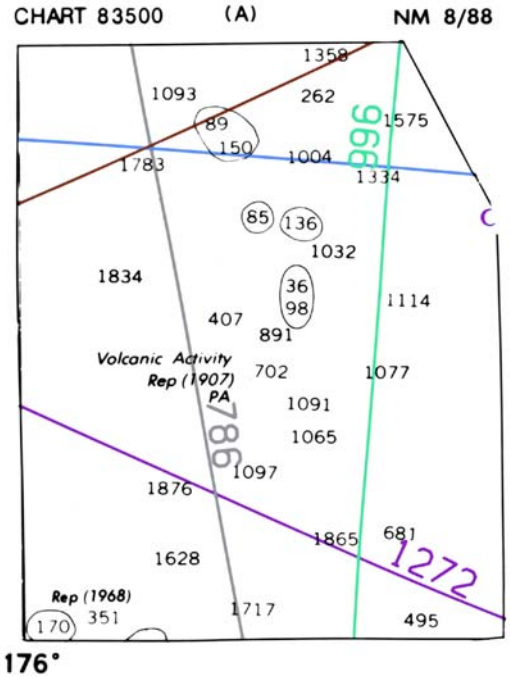


CHART 83500 (A)
NM 8/88
1358
1093
262
89
150
1575
1783
1004
1334
85
136
1032
1834
36
98
1114
407
891
Volcanic Activity
Rep (1907)
PA
702
1077
1091
1065
1097
1876
1865
681
1628
1272
Rep (1968)
351
1717
495
170
176°

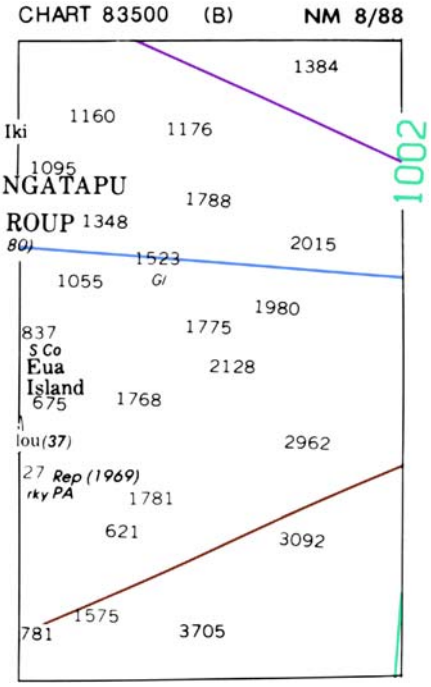


CHART 83500 (B)
NM 8/88
1384
1160
Iki
1176
1002
1095
NGATAPU
1788
ROUP
1348
2015
1523
1055
1980
1775
837
S Co
Eua
Island
2128
675
1768
2962
Rep (1969)
1781
621
3092
1575
781
3705

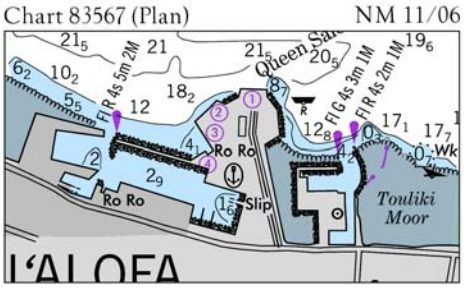
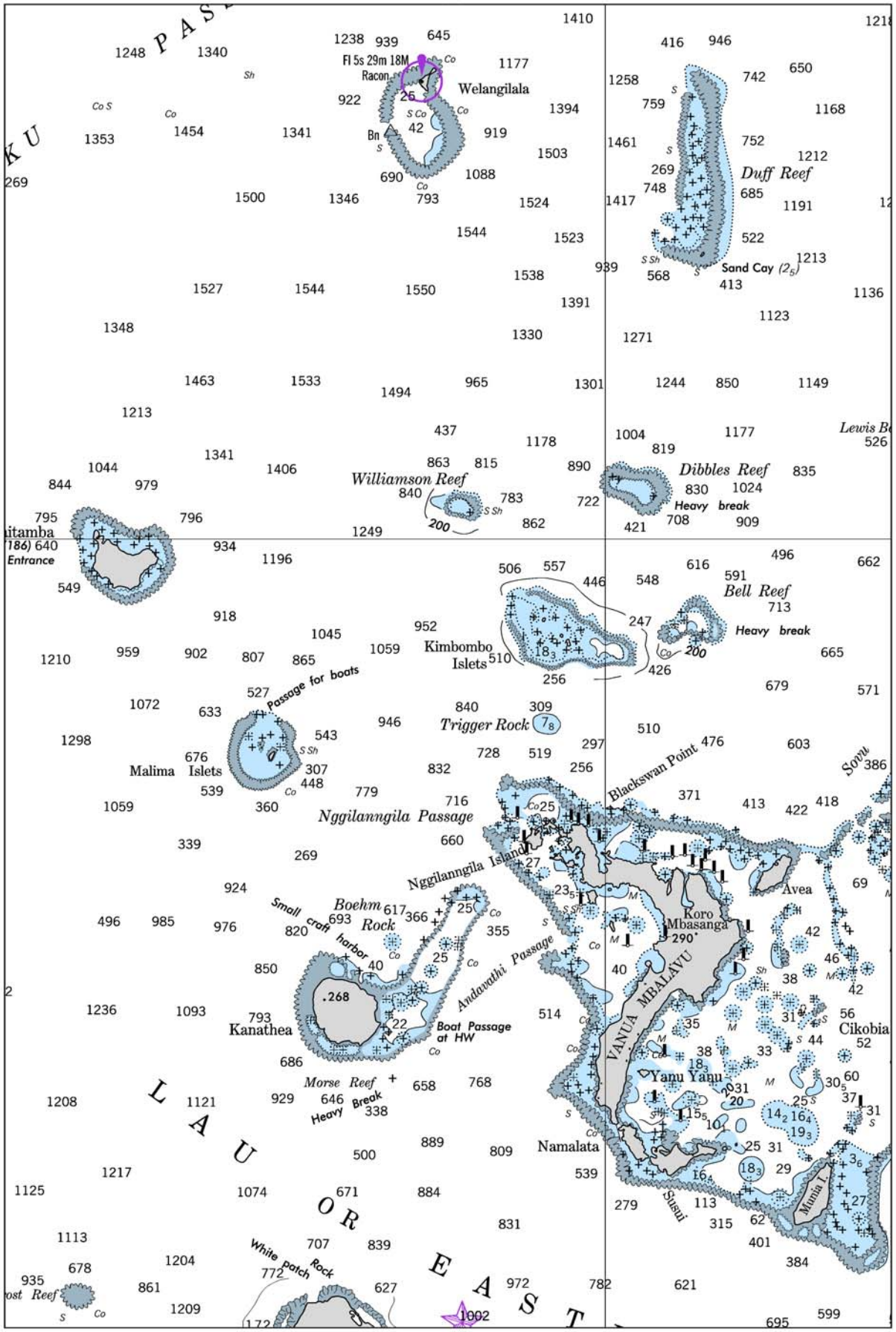
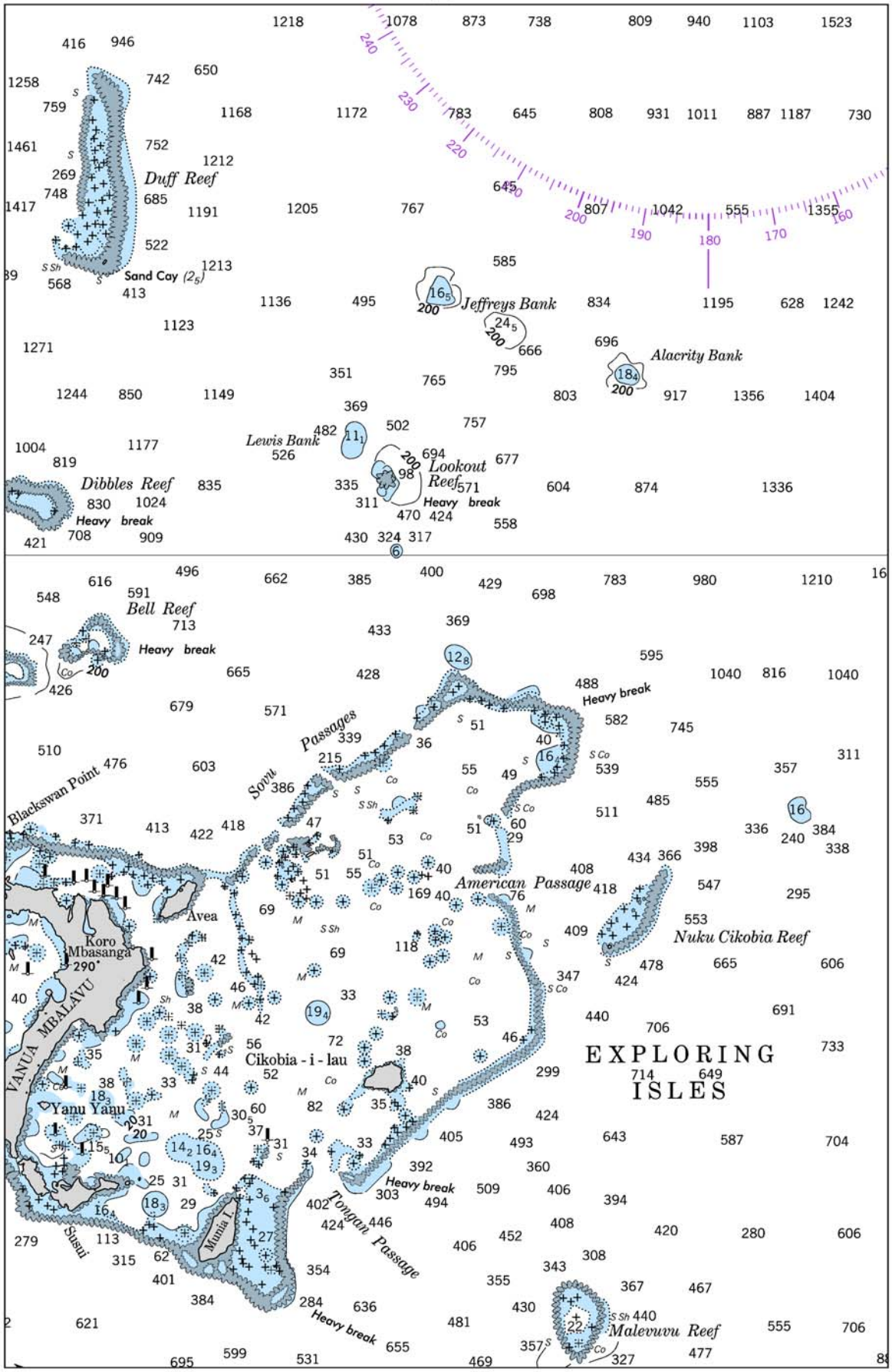


Chart 83567 (Plan)
NM 11/06
Queen Sa
Fl R 4s 5m 2M
Fl G 4s 3m 1M
Fl R 4s 2m 1M
Ro Ro
Ro Ro
Slip
Touliki
Moor
L'ALOFA

Graphics


Fl 5s 29m 18M
Racon
Welangilala
Duff Reef
Sand Cay
Williamson Reef
Dibbles Reef
Heavy break
Bell Reef
Heavy break
Kimbombo Islets
Passage for boats
Trigger Rock
Malima Islets
Nggilanngila Passage
Blackswan Point
Nggilanngila Island
Boehm Rock
Small craft harbor
Andowathi Passage
Boat Passage at HW
Kanathea
Morse Reef
Heavy Break
Koro Mbasanga
VANUA MBALAVU
Avea
Cikobia
Yanu Yanu
Namalata
Susui
Munia I.
White patch Rock
Entrance
LAU
OR
EAST

Graphics


Duff Reef
Sand Cay
Jeffreys Bank
Alacrity Bank
Lewis Bank
Lookout Reef
Dibbles Reef
Heavy break
Bell Reef
Sonu Passages
Blackswan Point
Avea
Koro Mbasanga
MBALAVU
YANUA
Yanu Yanu
Cikobia - i - lau
American Passage
Nuku Cikobia Reef
EXPLORING ISLES
Tongan Passage
Munia I.
Susui
Malevuvu Reef

Graphics

Chart 92006 NM 10/04

ASL-ARCHIPELAGIC SEA LANES

Archipelagic Sea Lanes as defined in UNCLOS have been designated in the area of this chart. Use of an ASL is not mandatory. However, vessels exercising archipelagic sea lanes passage shall not deviate more than 25 miles from the charted axis line. Where an island borders the sea lane, ships in the archipelagic sea lanes may not navigate closer to the shore than 10 per cent of the distance between the nearest point on the island and the axis line of the sea lane.

Where a traffic separation scheme exists, rules for the use of the traffic separation schemes still apply. It should be noted that the axis line of the ASL does not indicate the deepest water, any route or recommended track.

For further details, see Sailing Directions.

Chart 92030 NM 42/00

CAUTIONS

1. Detailed information, including minor navigational aids, has been omitted or generalized in the areas covered by larger scale charts.
2. Anchoring and fishing are prohibited in the vicinity of submarine cables.

Graphics

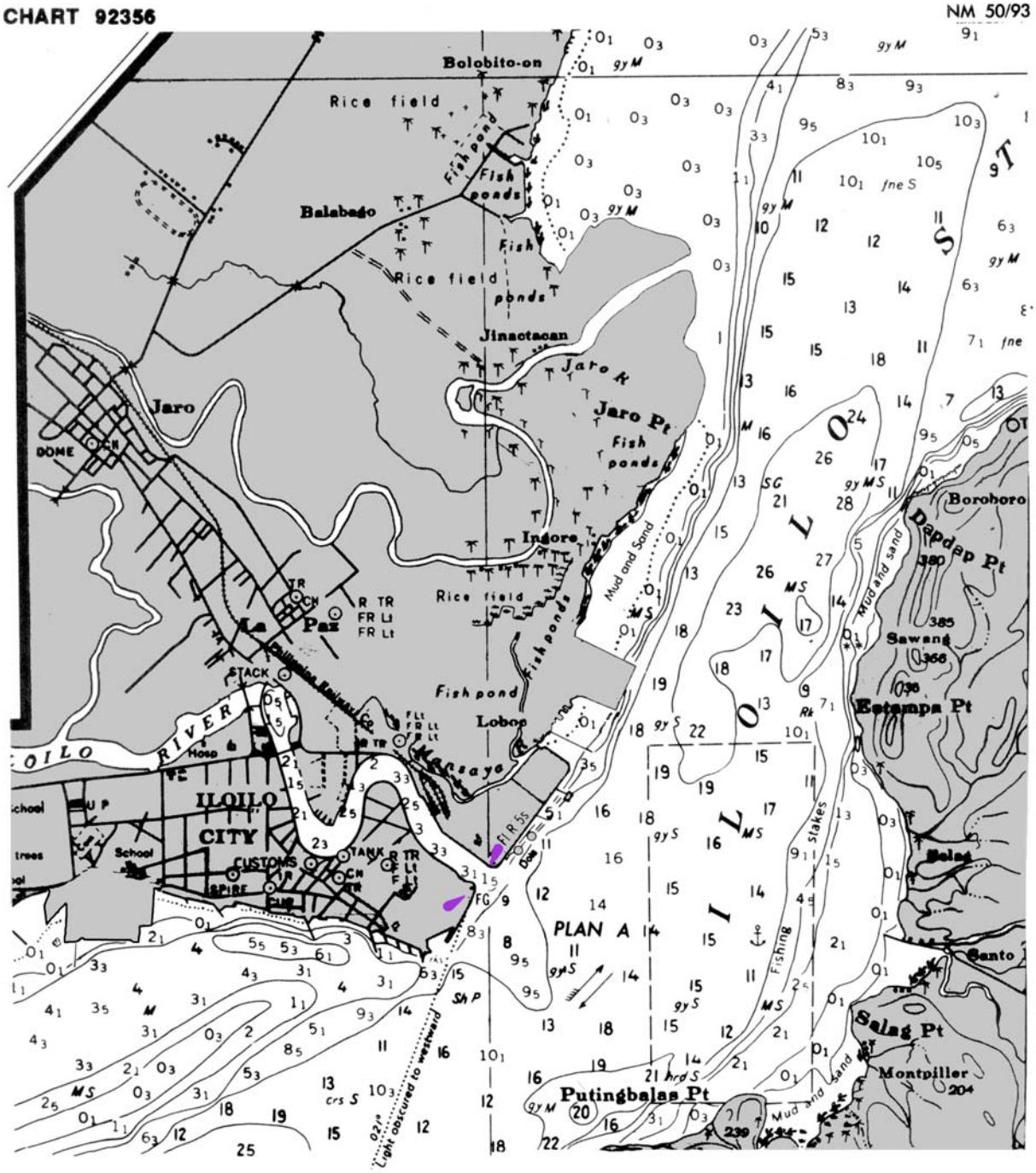
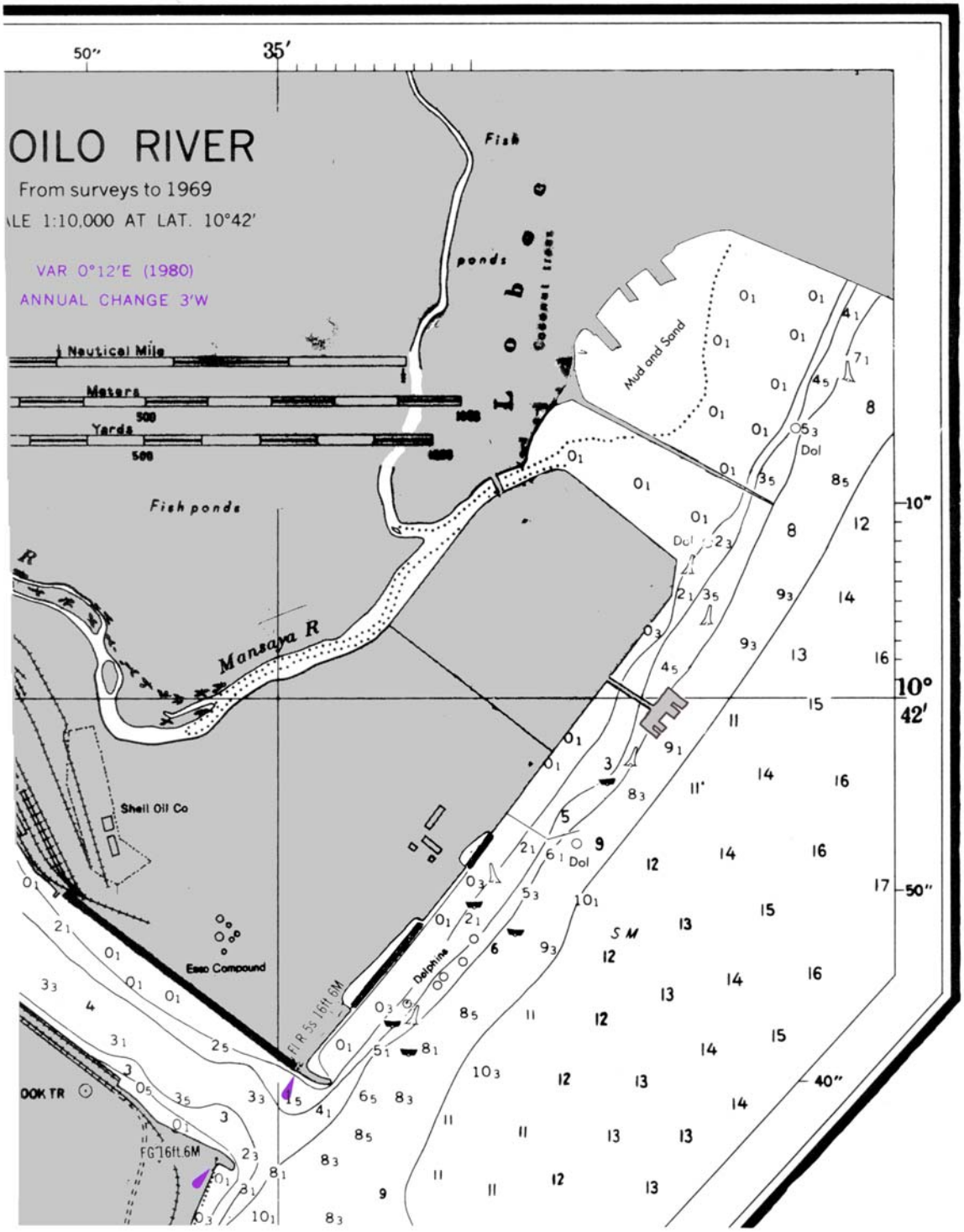
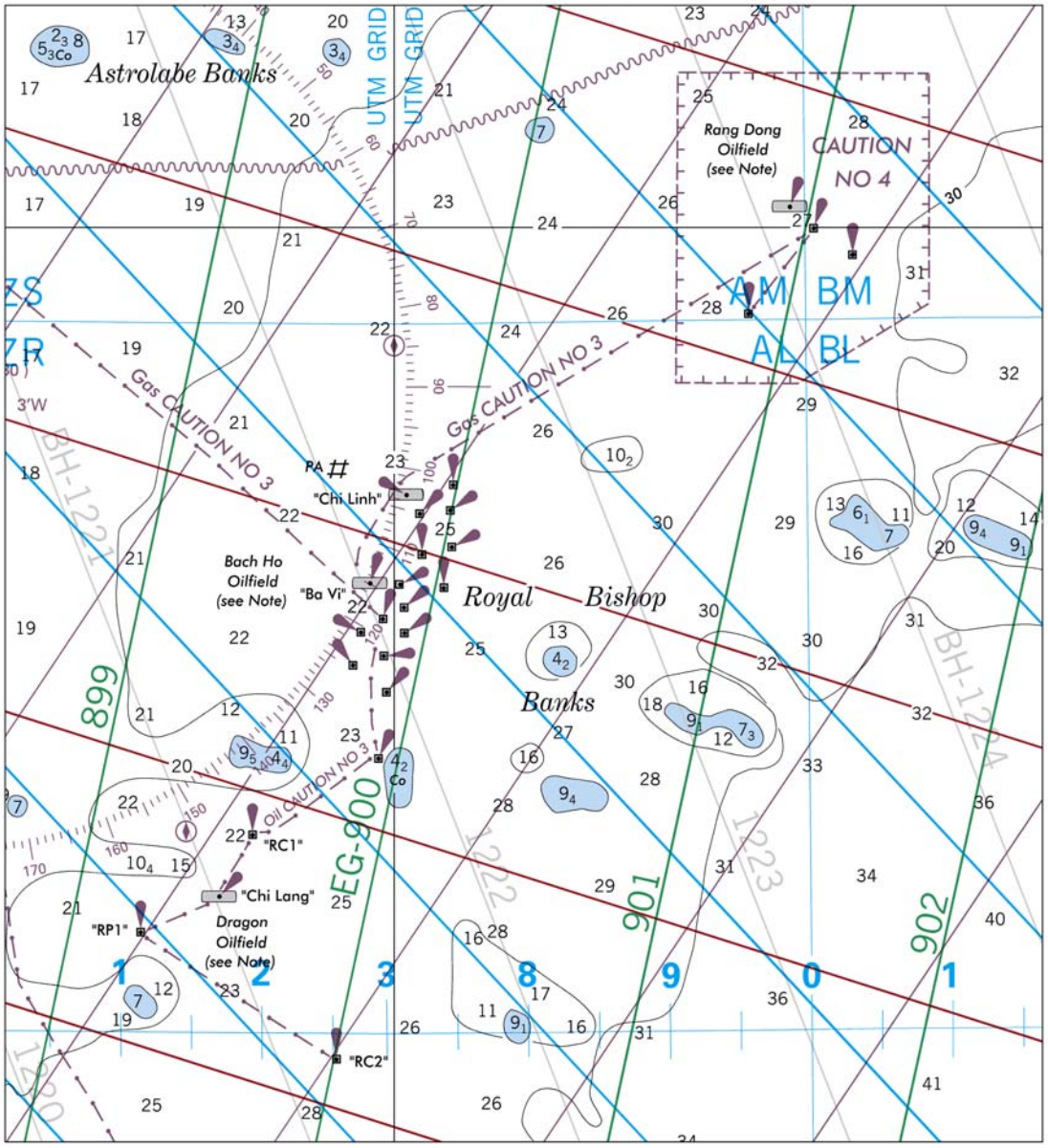


CHART 92356
NM 50/93
Bolobito-on
Rice field
Fish pond
Fish ponds
Balabago
Rice field
Jinactacan
Jaro R
Jaro Pt
Jaro
DOME
Ingoro
Mud and Sand
La Paz
Rice field
Fish ponds
Fish pond
Lobos
Hawaya
ILOILO RIVER
ILOILO CITY
School
CUSTOMS
SPIRE
TANK
STACK
PLAN A
Putingbalas Pt
Light obscured to westward
Mud and Sand
Stakes
Fishing
Borohoro
Dapdap Pt
Sawang
Estampa Pt
Salag
Santo
Salag Pt
Montpiller
ILOILO STRAIT

Graphics


OILO RIVER
From surveys to 1969
LE 1:10,000 AT LAT. 10°42'
VAR 0°12'E (1980)
ANNUAL CHANGE 3'W
Nautical Mile
Meters
Yards
Fish ponds
Fish ponds
Mansaya R
Mud and Sand
Shell Oil Co
Esso Compound
Delphine
Fl.R.5s.16ft.6M
FG 16ft.6M
Dol
S M
10°
42'
35'
50"
40"

Graphics


Astrolabe Banks
UTM GRID
UTM GRID
Rang Dong Oilfield (see Note)
CAUTION NO 4
AM BM
AL BL
Gas CAUTION NO 3
Gas CAUTION NO 3
PA
"Chi Linh"
Bach Ho Oilfield (see Note)
"Ba Vi"
Royal Bishop Banks
Oil CAUTION NO 3
"RC1"
"Chi Lang"
"RP1"
Dragon Oilfield (see Note)
"RC2"
BH-1221
BH-1224
EG-900
899
901
902
1222
1223
1230

Graphics

Chart 93022 NM 13/08

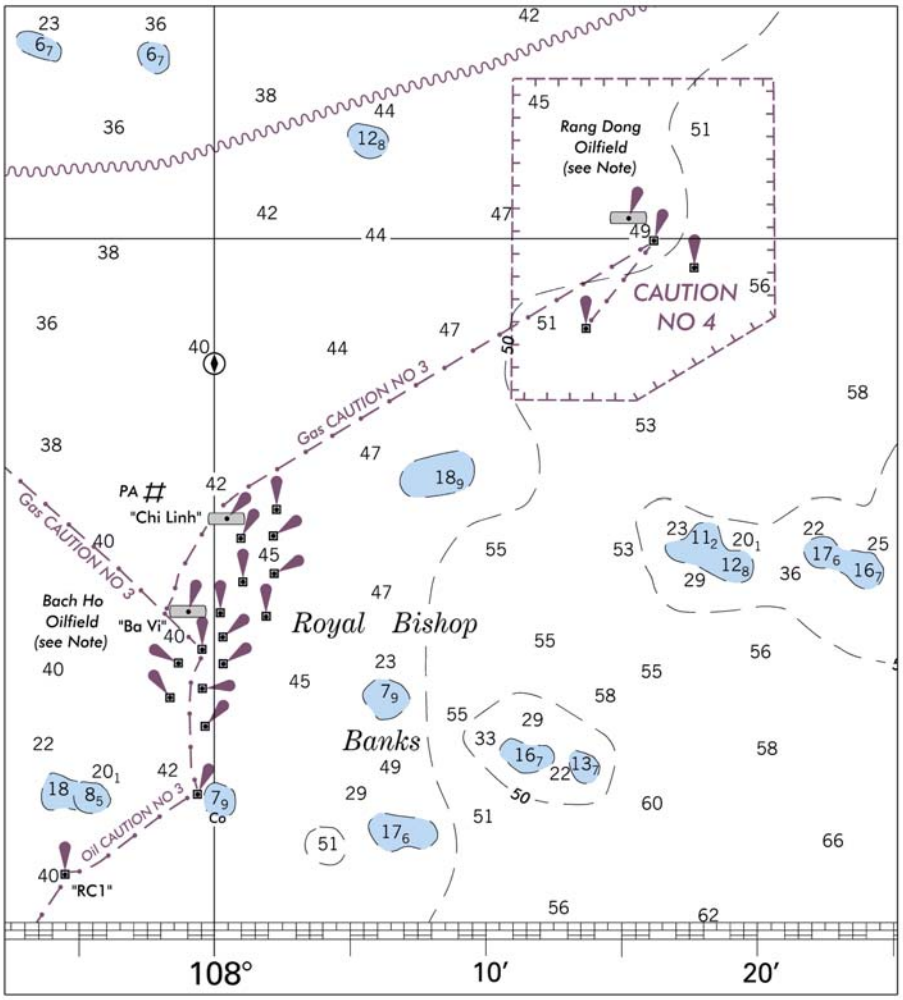


Chart 93025 NM 10/13

Submarine Cables

Mariners are advised not to anchor, trawl or fish in the vicinity of submarine cables.

Chart 93036 (A) NM N25/13

SUBMARINE CABLES

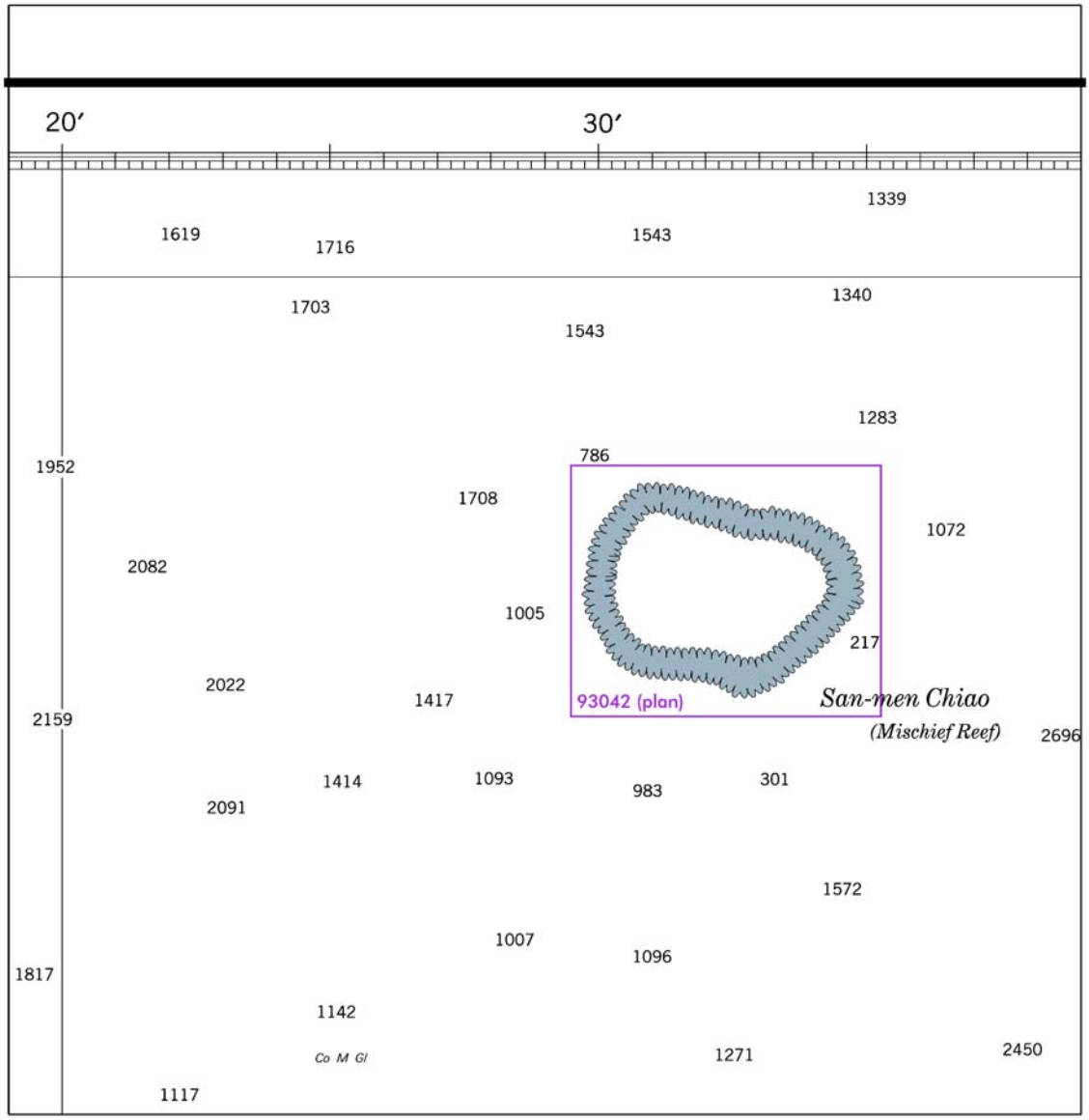
Mariners are advised not to anchor, trawl or fish in the vicinity of submarine cables.

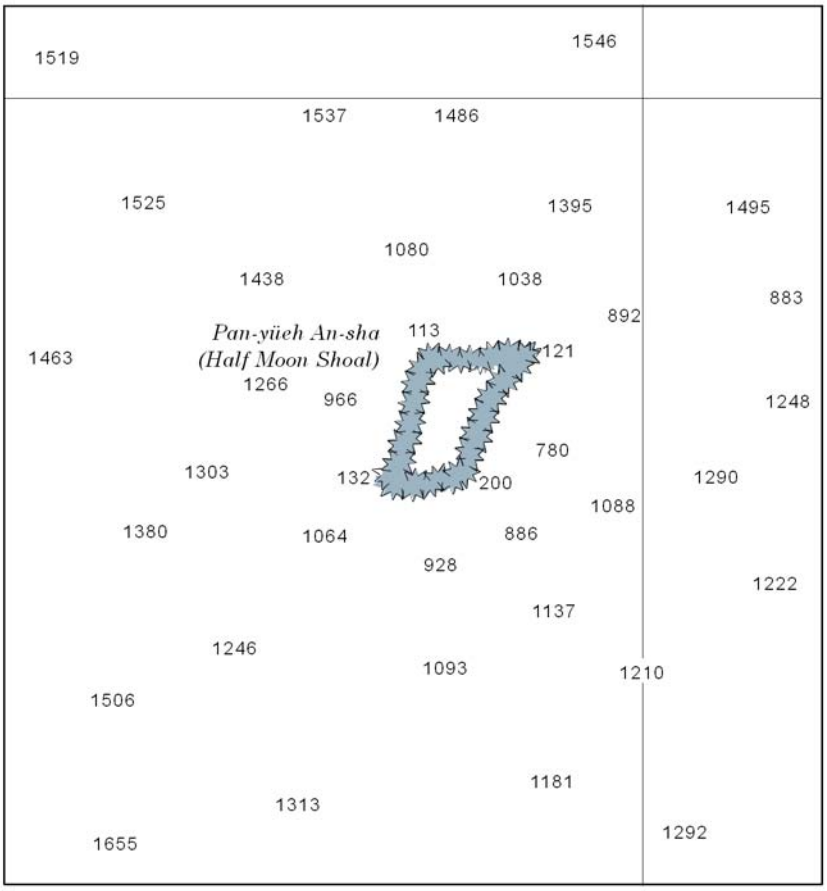
Chart 93036 (B) NM N25/13

OIL AND GAS PIPELINES

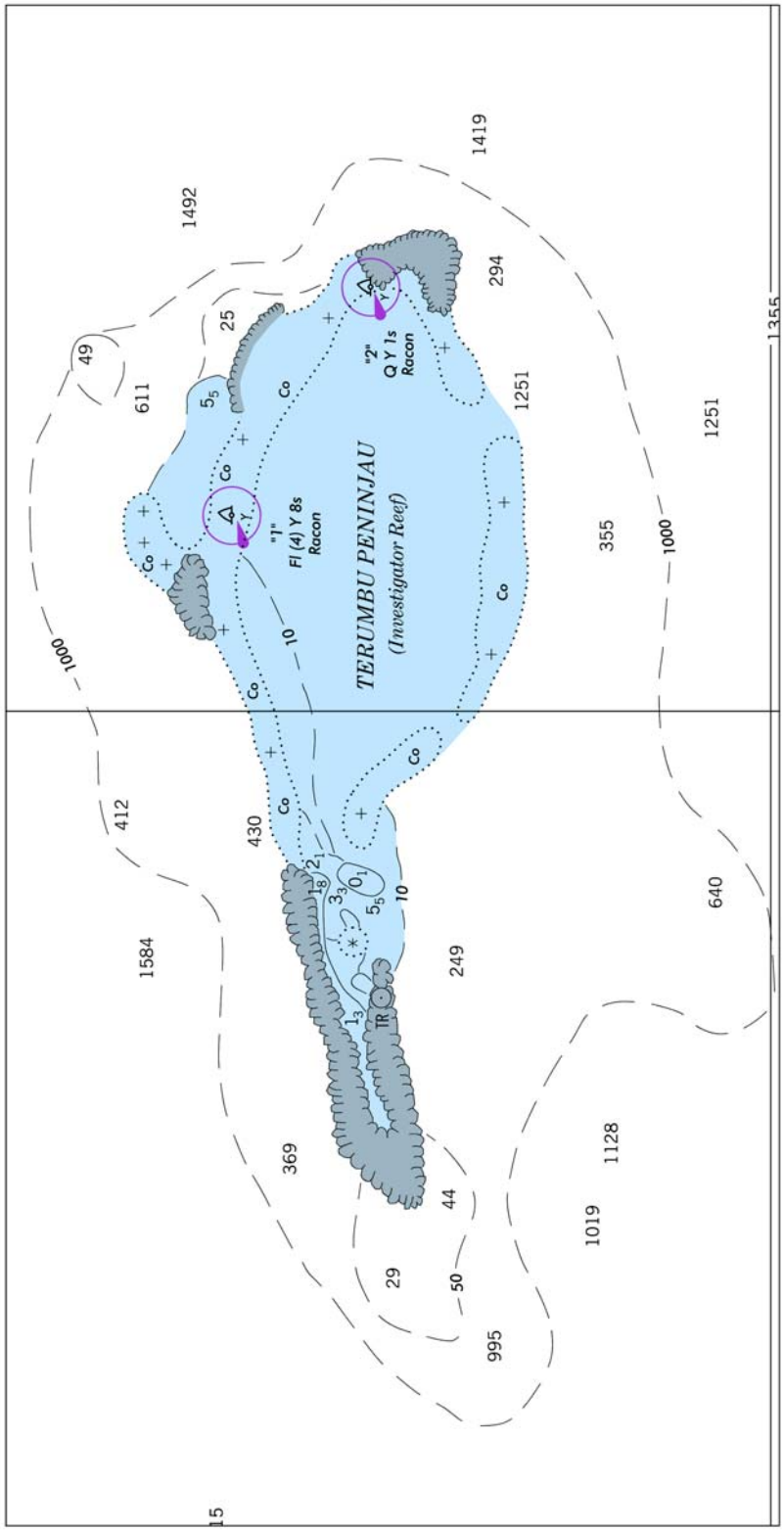
Mariners are advised not to anchor or trawl in the vicinity of pipelines. Gas from a damaged pipeline could cause an explosion, loss of a vessel's buoyancy or some other serious hazard. Pipelines are not always buried and their presence may effectively reduce the charted depth.

Graphics

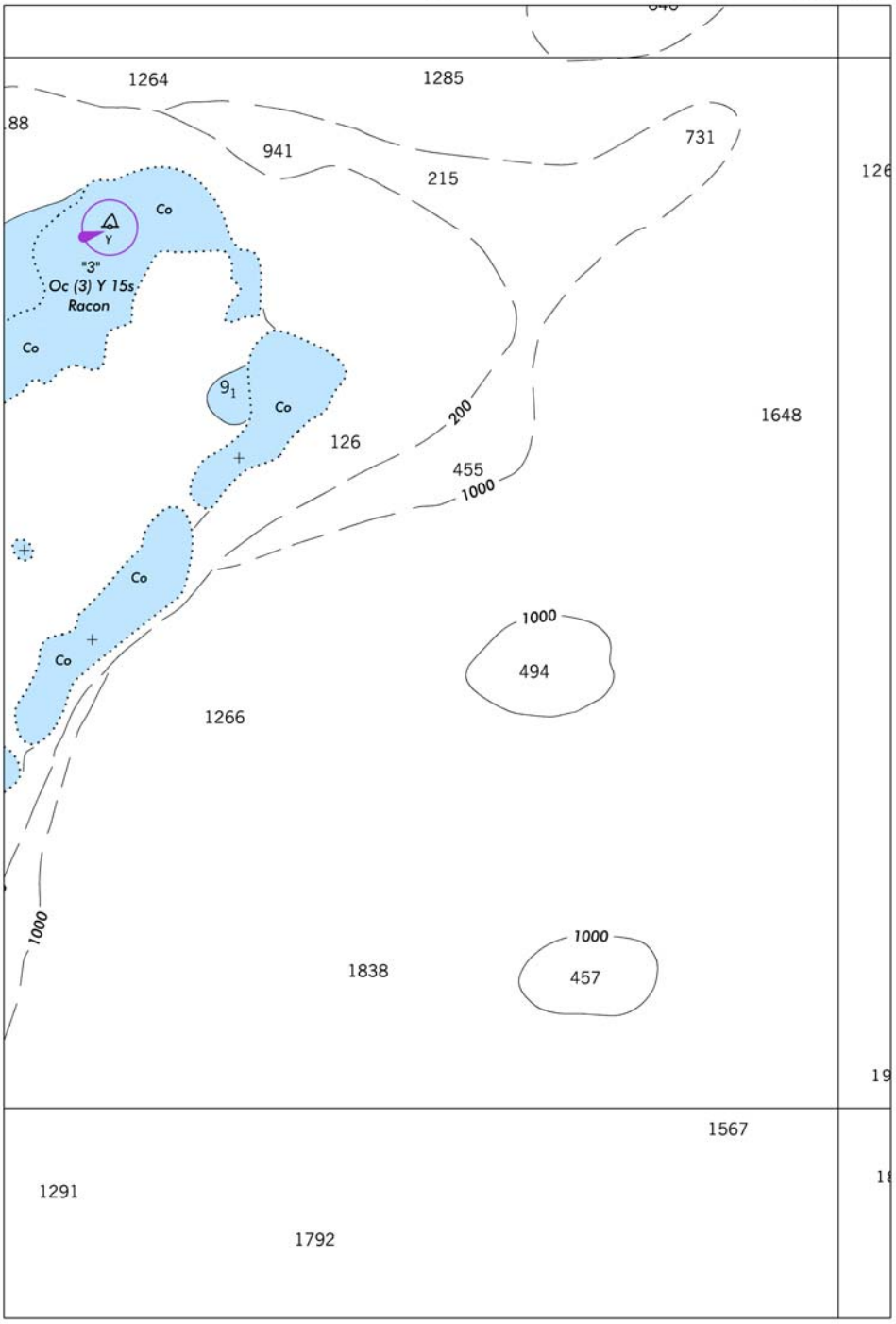

20′
30′
1339
1619
1716
1543
1340
1703
1543
1283
786
1952
1708
1072
2082
1005
217
2022
1417
93042 (plan)
San-men Chiao
(Mischief Reef)
2159
2696
1414
1093
983
301
2091
1572
1007
1096
1817
1142
Co M Gl
1271
2450
1117


1519
1546
1537
1486
1525
1395
1495
1080
1438
1038
883
892
Pan-yüeh An-sha
(Half Moon Shoal)
113
121
1463
1266
966
1248
780
1303
132
200
1290
1088
1380
1064
886
928
1222
1137
1246
1093
1210
1506
1181
1313
1292
1655

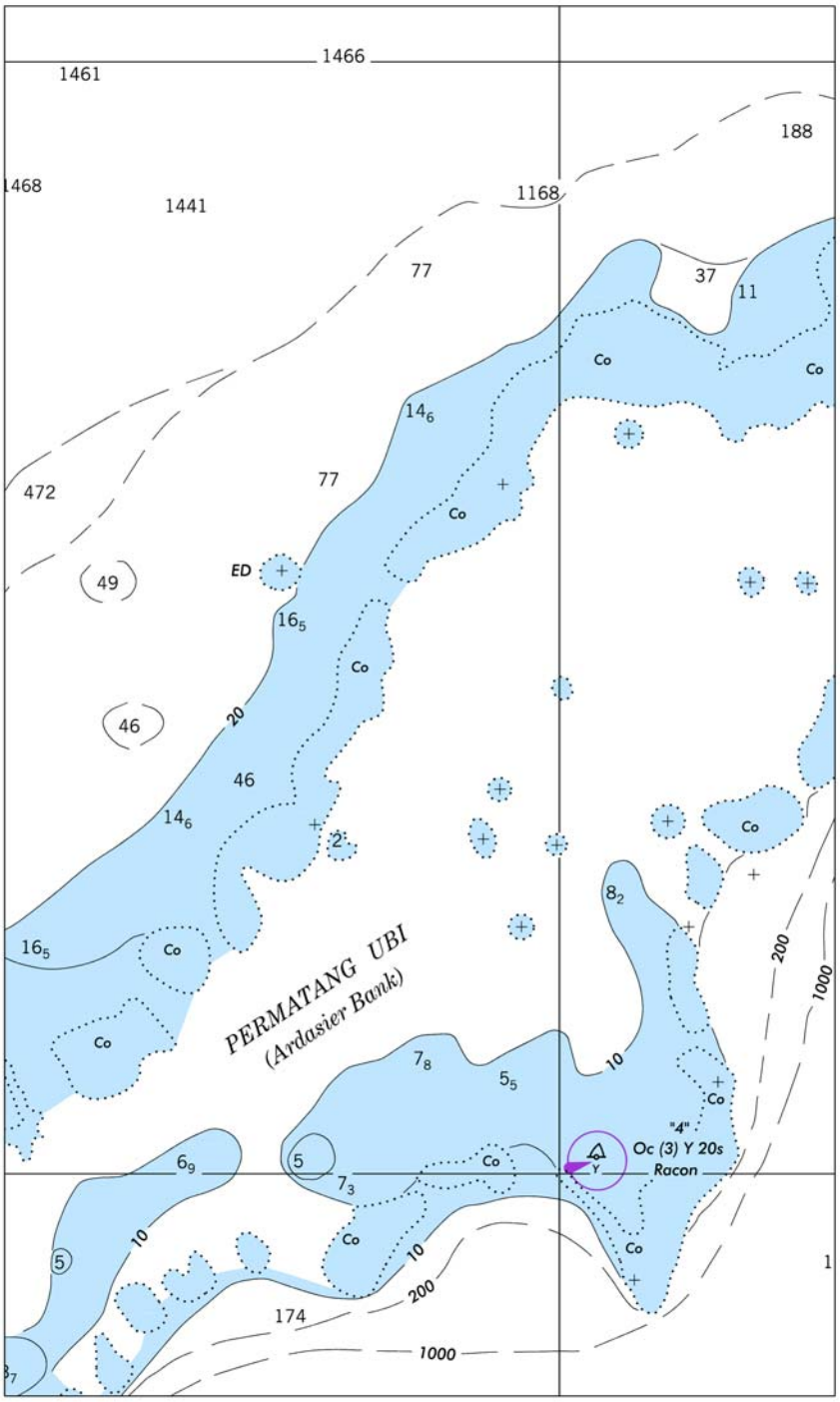
Graphics


TERUMBU PENINJAU
(Investigator Reef)
"1"
Fl (4) Y 8s
Racon
"2"
Q Y 1s
Racon
TR
1419
1492
294
25
49
611
1251
355
1000
1355
412
430
1584
249
640
369
1128
44
1019
29
50
995
10
15

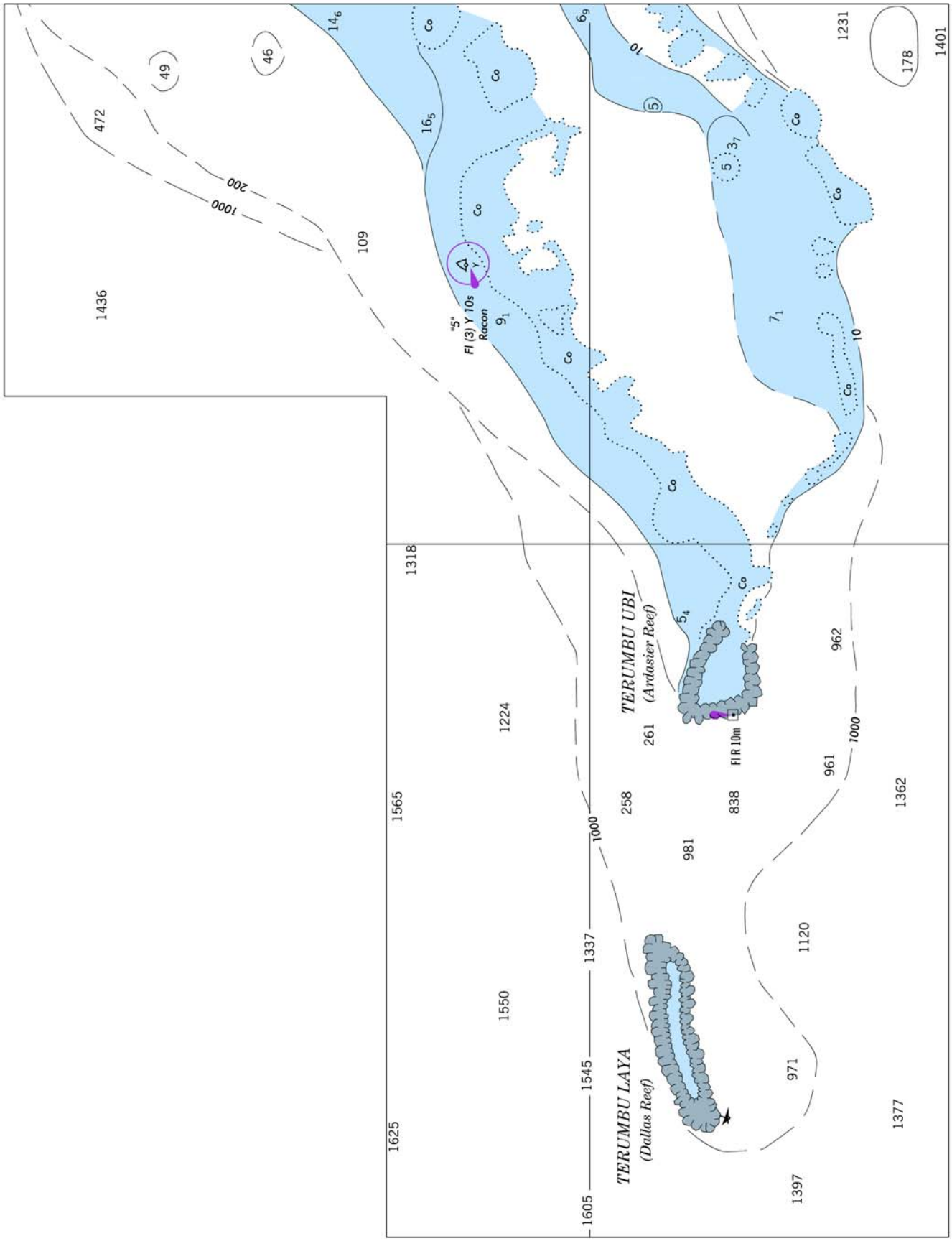
Graphics


1264
1285
88
941
731
215
126
Co
Y
"3"
Oc (3) Y 15s
Racon
Co
9
1
Co
200
1648
126
455
1000
Co
1000
494
Co
1266
1000
1000
1838
457
19
1567
1291
1792

Graphics


1466
1461
188
1468
1441
1168
77
37
11
Co
Co
14 6
77
472
Co
ED
49
16 5
Co
46
20
46
14 6
2
Co
8 2
16 5
Co
PERMATANG UBI
(Ardasier Bank)
200
1000
Co
7 8
5 5
10
Co
"4"
Oc (3) Y 20s
Racon
6 9
5
7 3
Co
Co
10
10
Co
5
200
174
1000
1

Graphics


TERUMBU UBI
(Ardasier Reef)
TERUMBU LAYA
(Dallas Reef)
"5"
Fl (3) Y 10s
Racon
Fl R 10m
1000
200
1318
1565
1625
1605
1545
1337
1224
1550
1436
472
109
49
46
14
16
9
7
5
3
10
1231
178
1401
962
961
1120
971
1397
1377
1362
838
981
258
261

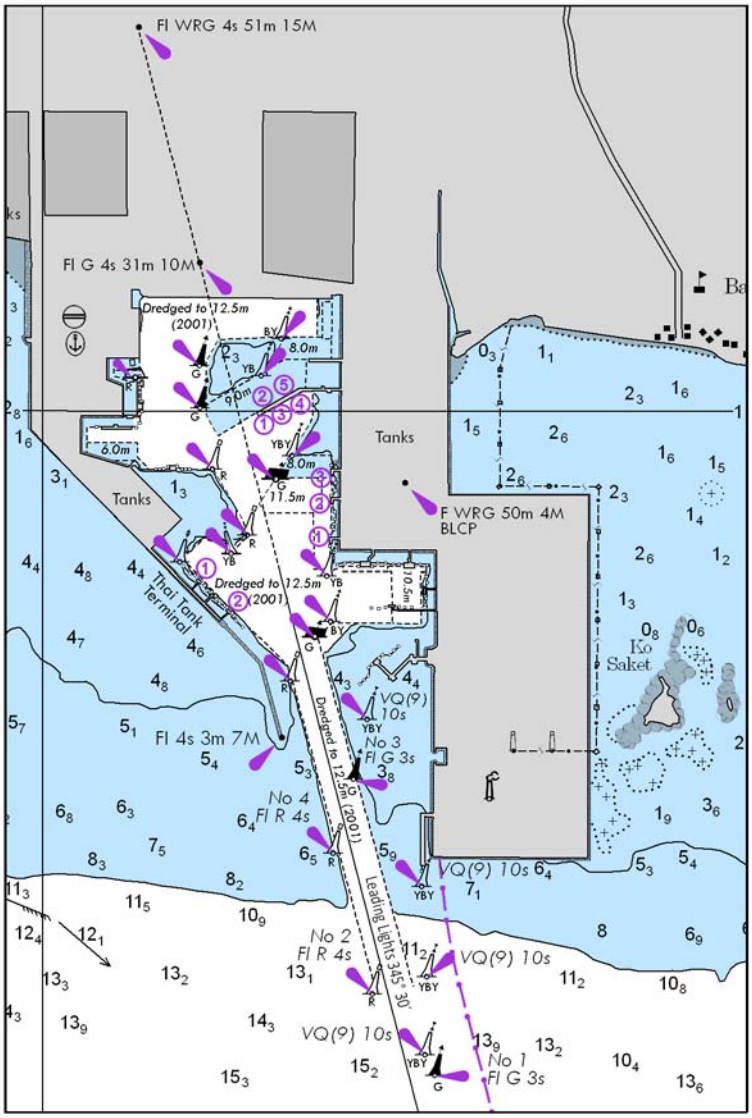
Graphics

Chart 93048 **NM 42/13**

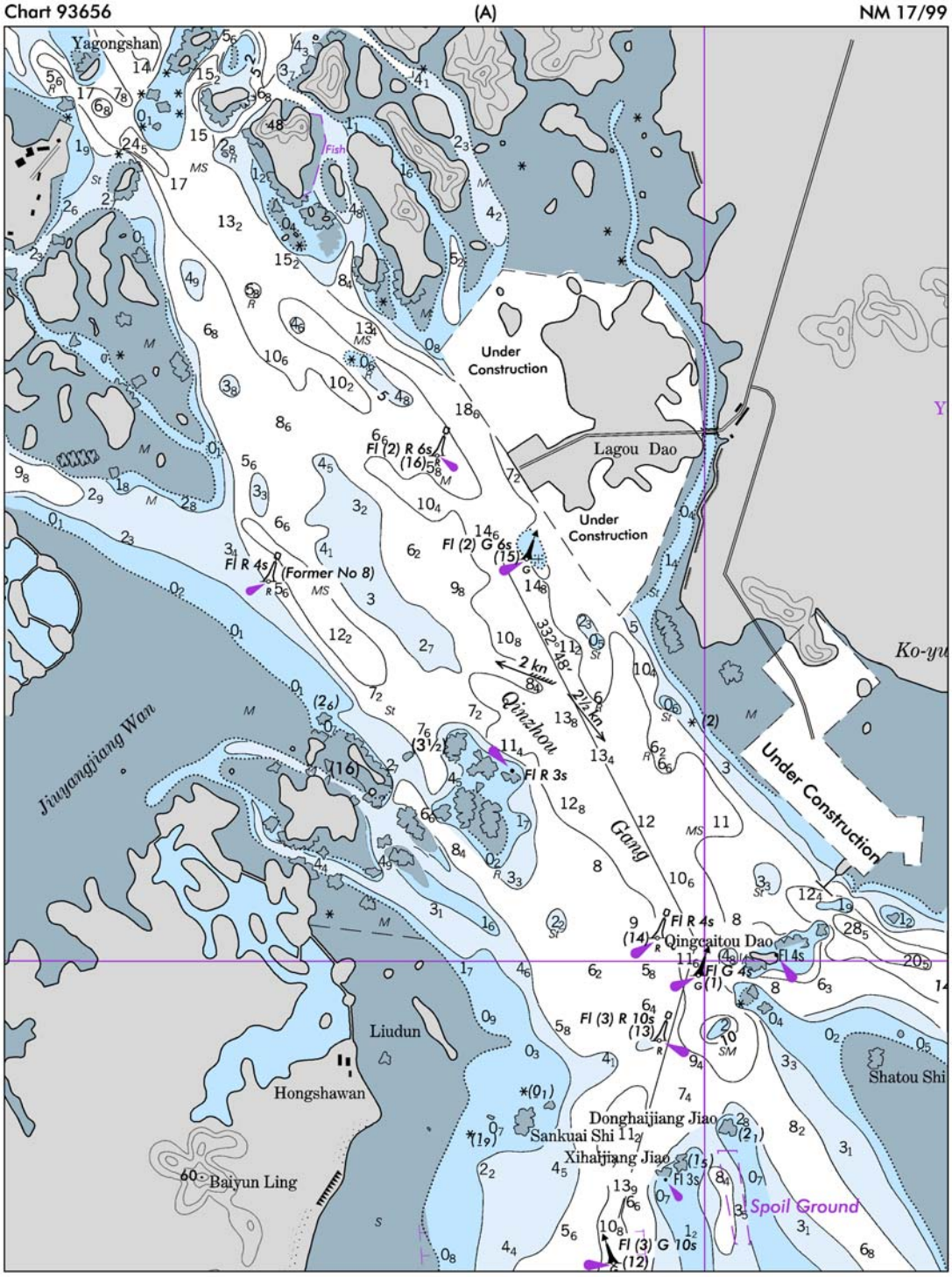
OIL AND GAS PIPELINES

Mariners are advised not to anchor or trawl in the vicinity of pipelines. Gas from a damaged pipeline could cause an explosion, loss of a vessel's buoyancy or some other serious hazard. Pipelines are not always buried and their presence may effectively reduce the charted depth.

Chart 93261 **NM 41/13**



Graphics


Yagongshan
Under Construction
Lagou Dao
Under Construction
Fl (2) R 6s
(16)
Fl (2) G 6s
(15)
Fl R 4s
(Former No 8)
2 kn
2½ kn
Qinzhou Gang
Fl R 3s
Jiuyangjiang Wan
Under Construction
Ko-yu
Fl R 4s
(14)
Qingcaitou Dao
Fl 4s
Fl G 4s
(1)
Fl (3) R 10s
(13)
Liudun
Hongshawan
Shatou Shi
Donghaijiang Jiao
Sankuai Shi
Xihaijiang Jiao
Fl 3s
Baiyun Ling
Spoil Ground
Fl (3) G 10s
(12)

Graphics

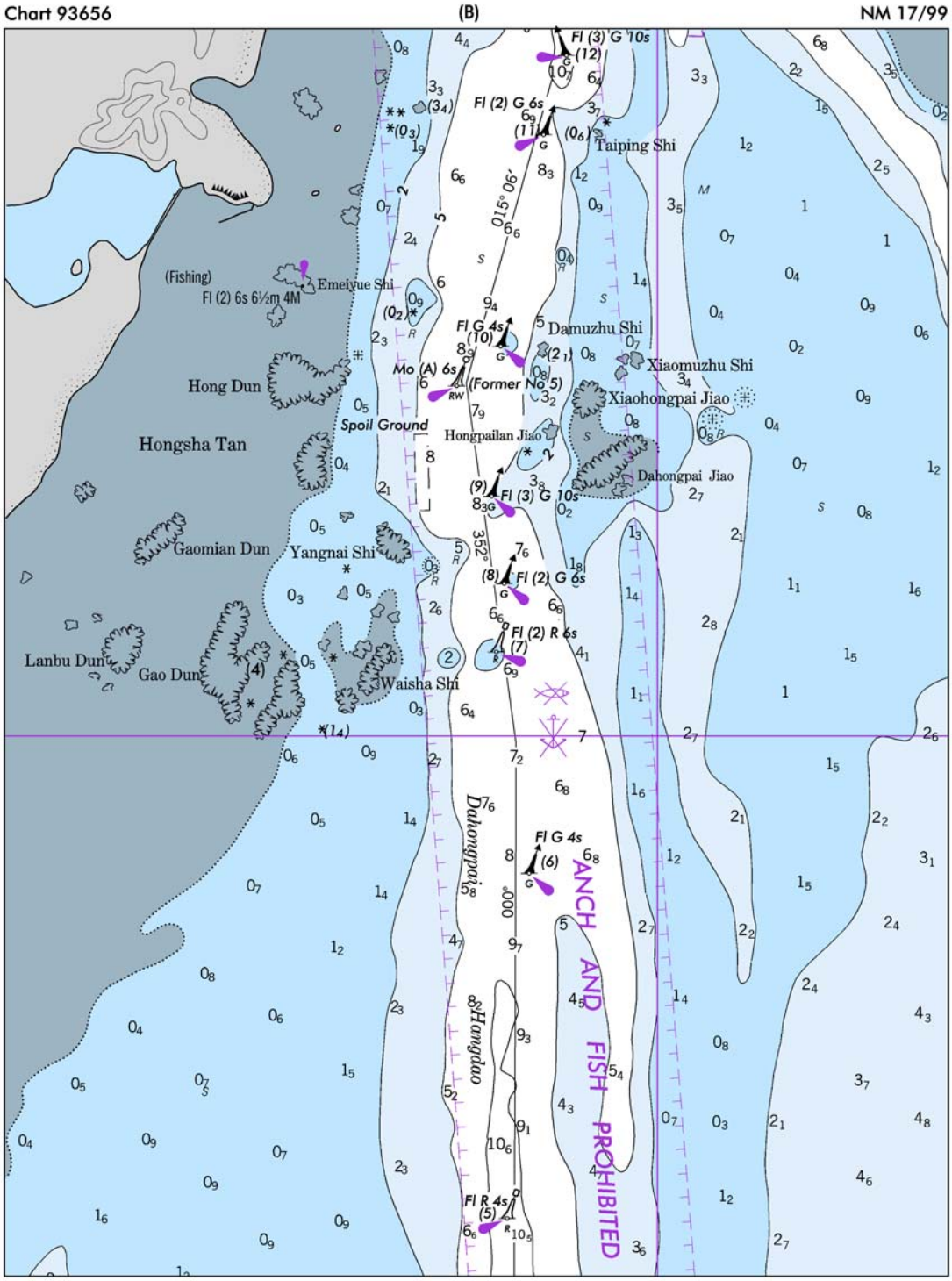


Chart 93656
(B)
NM 17/99
Fl (3) G 10s
(12)
Fl (2) G 6s
(11)
(0₆)
Taiping Shi
015° 06'
(Fishing)
Emeiyue Shi
Fl (2) 6s 6½m 4M
(0₂)
Fl G 4s
(10)
Damuzhu Shi
Mo (A) 6s
(Former No 5)
Xiaomuzhu Shi
Xiaohongpai Jiao
Hong Dun
Spoil Ground
Hongpailan Jiao
Hongsha Tan
Dahongpai Jiao
(9)
Fl (3) G 10s
Gaomian Dun
Yangnai Shi
352°
(8)
Fl (2) G 6s
Fl (2) R 6s
(7)
Lanbu Dun
Gao Dun
(4)
Waisha Shi
(1₄)
Dahongpai
Fl G 4s
(6)
ANCH
AND
FISH
PROHIBITED
000°
Hangdao
Fl R 4s
(5)

Graphics

Chart 93656 (C) NM 17/99

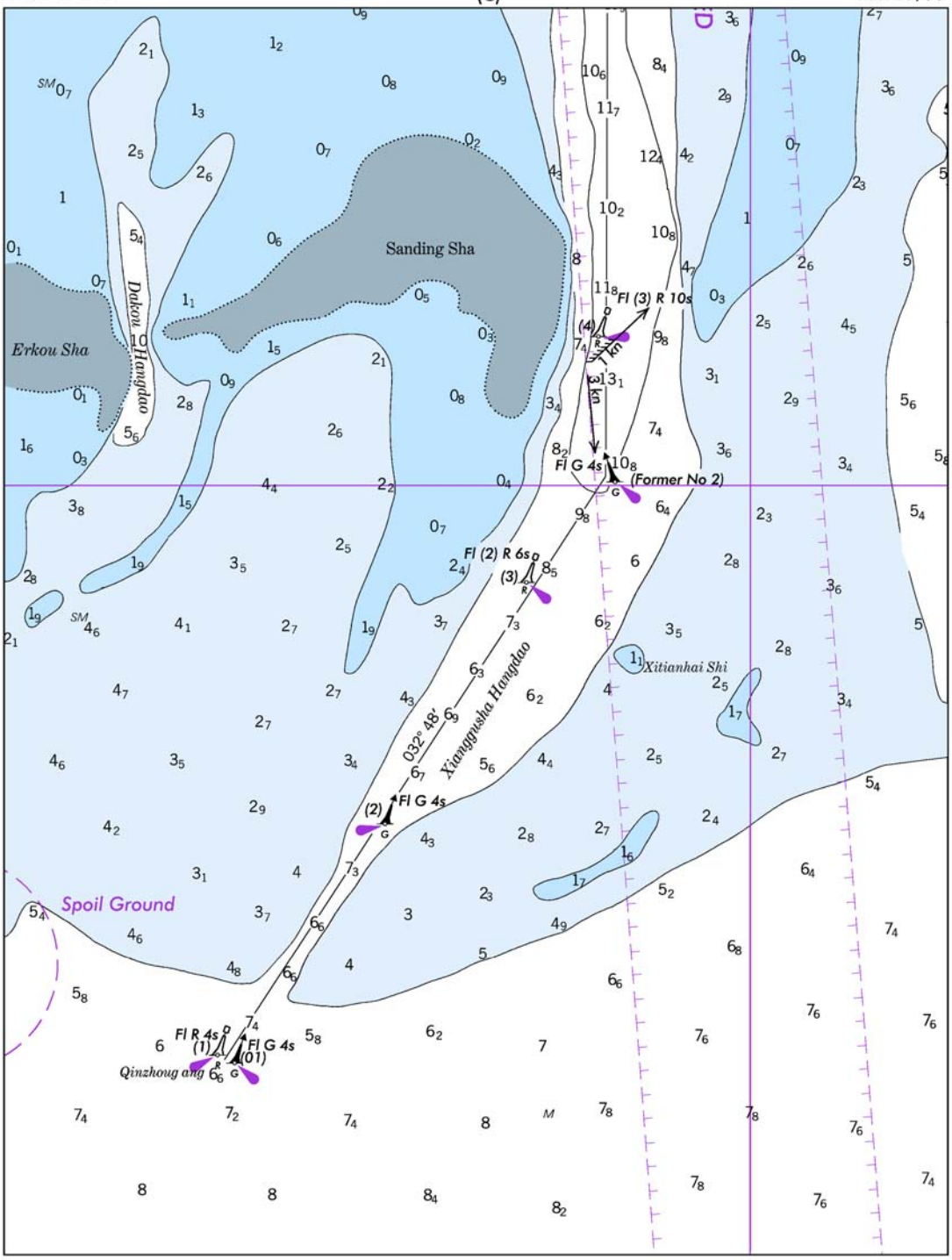


Chart 93680 NM 10/13

Submarine Cables

Mariners are advised not to anchor, trawl or fish in the vicinity of submarine cables.

Chart 93695 NM N10/13

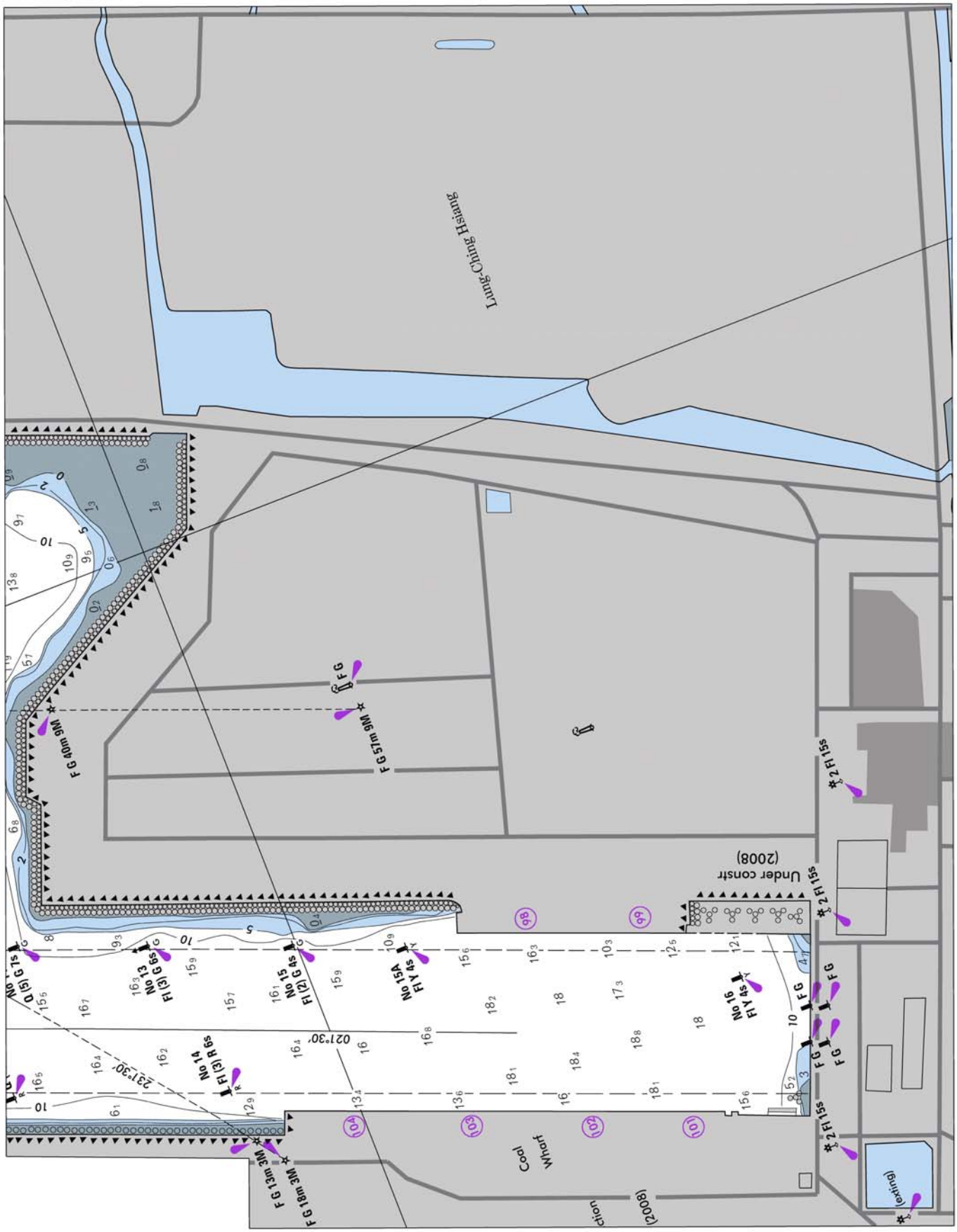
Submarine Cables

Mariners are advised not to anchor, trawl or fish in the vicinity of submarine cables.

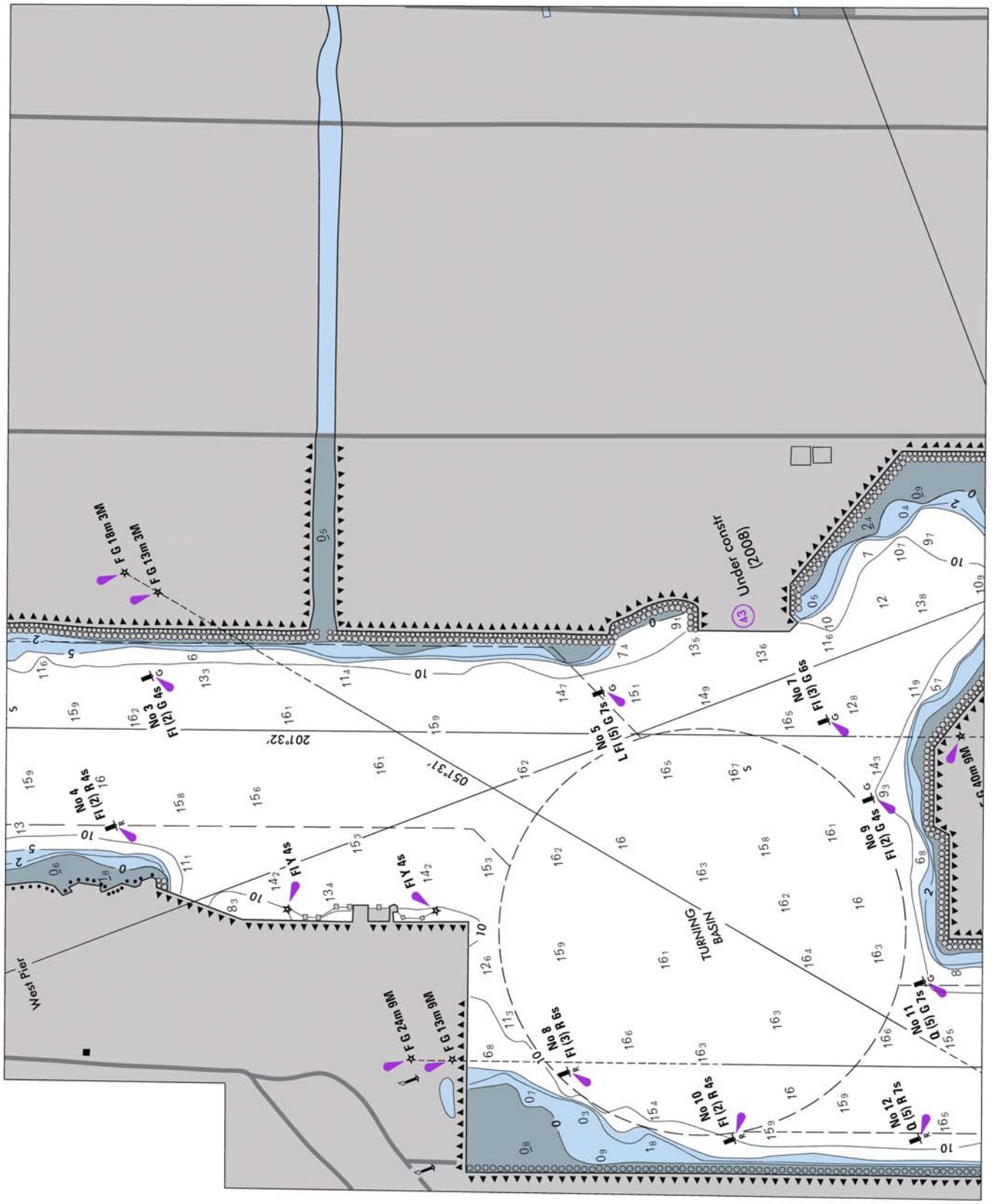
Graphics

Submarine Cables

Mariners are advised not to anchor, trawl or fish in the vicinity of submarine cables.


Lung-Ching Hsiang
F G 40m 9M
F G 57m 9M
F G
No 13
Fl (3) G 6s
No 15
Fl (2) G 4s
No 15A
Fl Y 4s
No 16
Fl Y 4s
No 14
Fl (3) R 6s
No (5) G 1s
023°30'
231°30'
Under constr
(2008)
2 Fl 15s
F G
F G 13m 3M
F G 18m 3M
Coal
Wharf
(2008)
(exting)

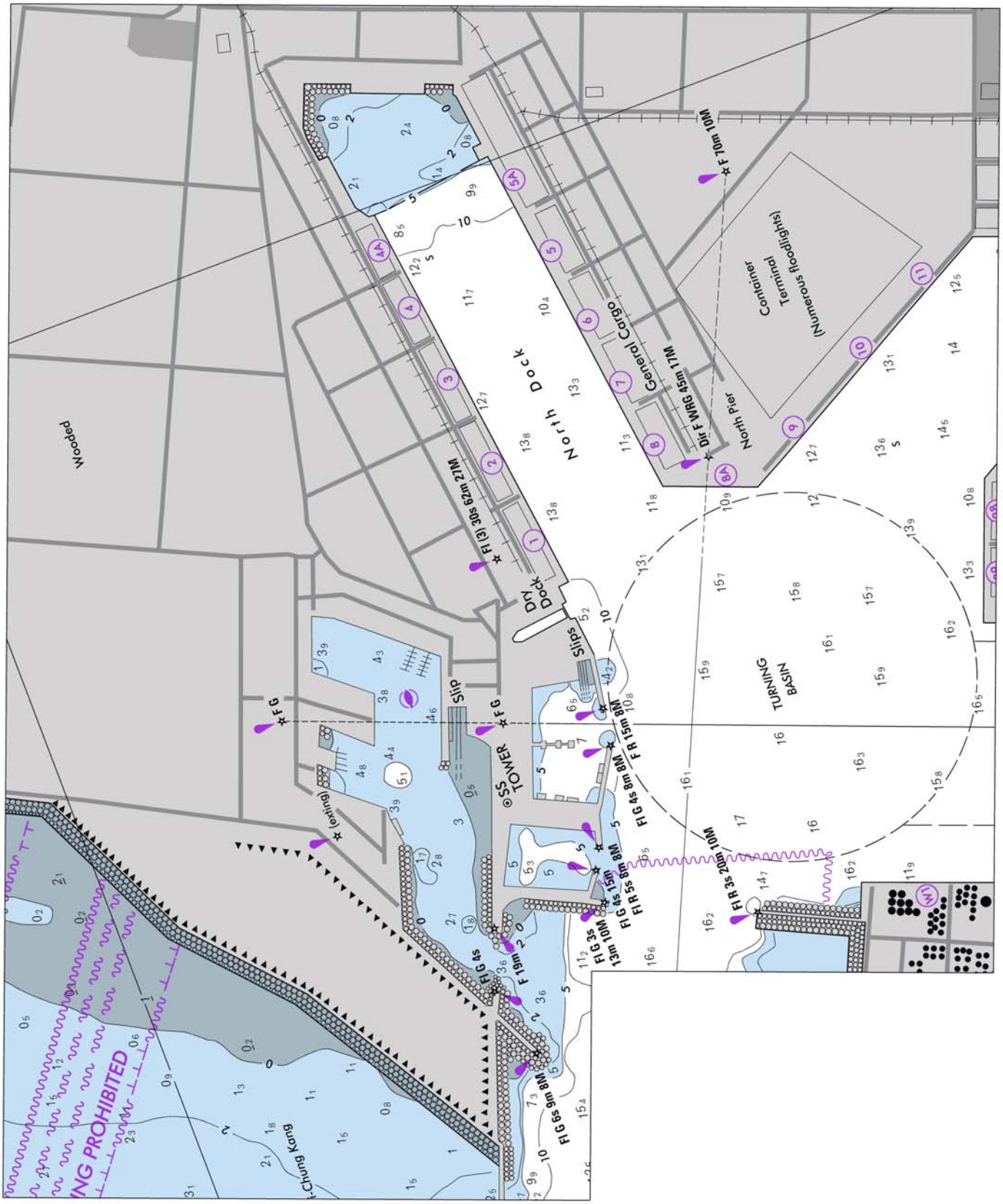
Graphics


F G 18m 3M
F G 13m 3M
Under constr
(2008)
A3
No 3
Fl (2) G 4s
No 5
L Fl (5) G 7s
No 7
Fl (3) G 6s
201°32'
051°31'
No 4
Fl (2) R 4s
Fl Y 4s
Fl Y 4s
TURNING
BASIN
No 9
Fl (2) G 4s
West Pier
F G 24m 9M
F G 13m 9M
No 8
Fl (3) R 6s
No 11
Q (5) G 7s
No 10
Fl (2) R 4s
No 12
Q (5) R 7s

Graphics

Central Dock
Under constr (2008)
Fl R 4s
Fl R 4s
Central Pier
Container Terminal
COMMERCIAL HARBOR
Collier Channel
No 1 Fl (3) G 6s
No 2 Fl (3) R 6s
Oil Terminal
West Pier

Graphics


Wooded
Fl (3) 30s 62m 27M
North Dock
Dry Dock
Slips
Slip
SS TOWER
F G
(extng)
Fl G 4s
F 19m
Fl G 6s 9m 8M
Fl G 3s 13m 10M
Fl G 4s 15m
Fl R 5s 8m 8M
Fl G 4s 8m 8M
F R 15m 8M
TURNING BASIN
Fl R 3s 20m 10M
Dir F WRG 45m 17M
General Cargo
North Pier
Container Terminal (Numerous floodlights)
F 70m 10M
NG PROHIBITED
Chung Kang

Graphics

Chart 94063 **NM 5/12**

OIL AND GAS PIPELINES

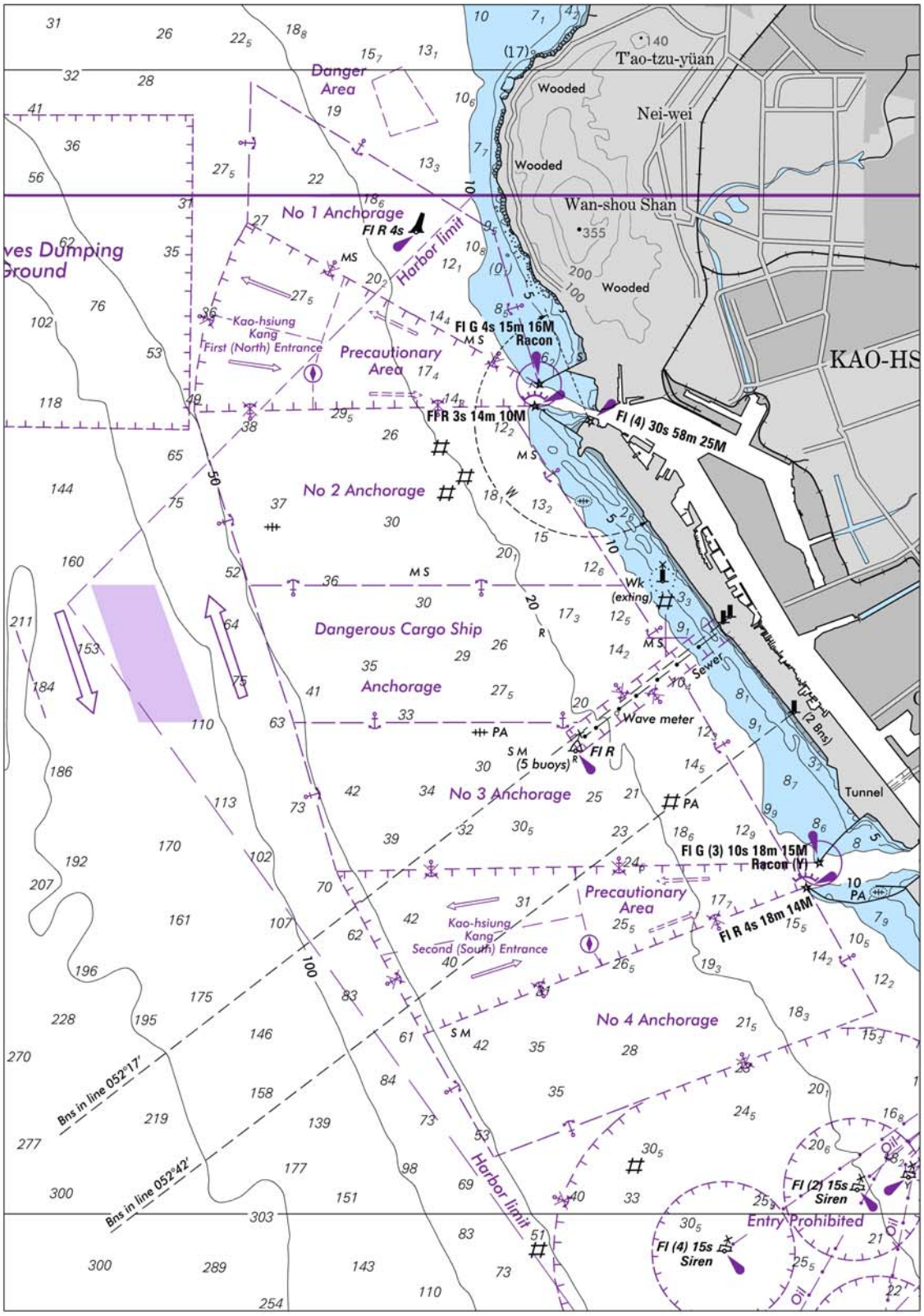
Mariners are advised not to anchor or trawl in the vicinity of pipelines. Gas from a damaged pipeline could cause an explosion, loss of a vessel's buoyancy or some other serious hazard. Pipelines are not always buried and their presence may effectively reduce the charted depth.

Chart 94067 **NM 51/08**

NOTE

The Traffic Separation Scheme(s) on this chart is not adopted by the International Maritime Organization.

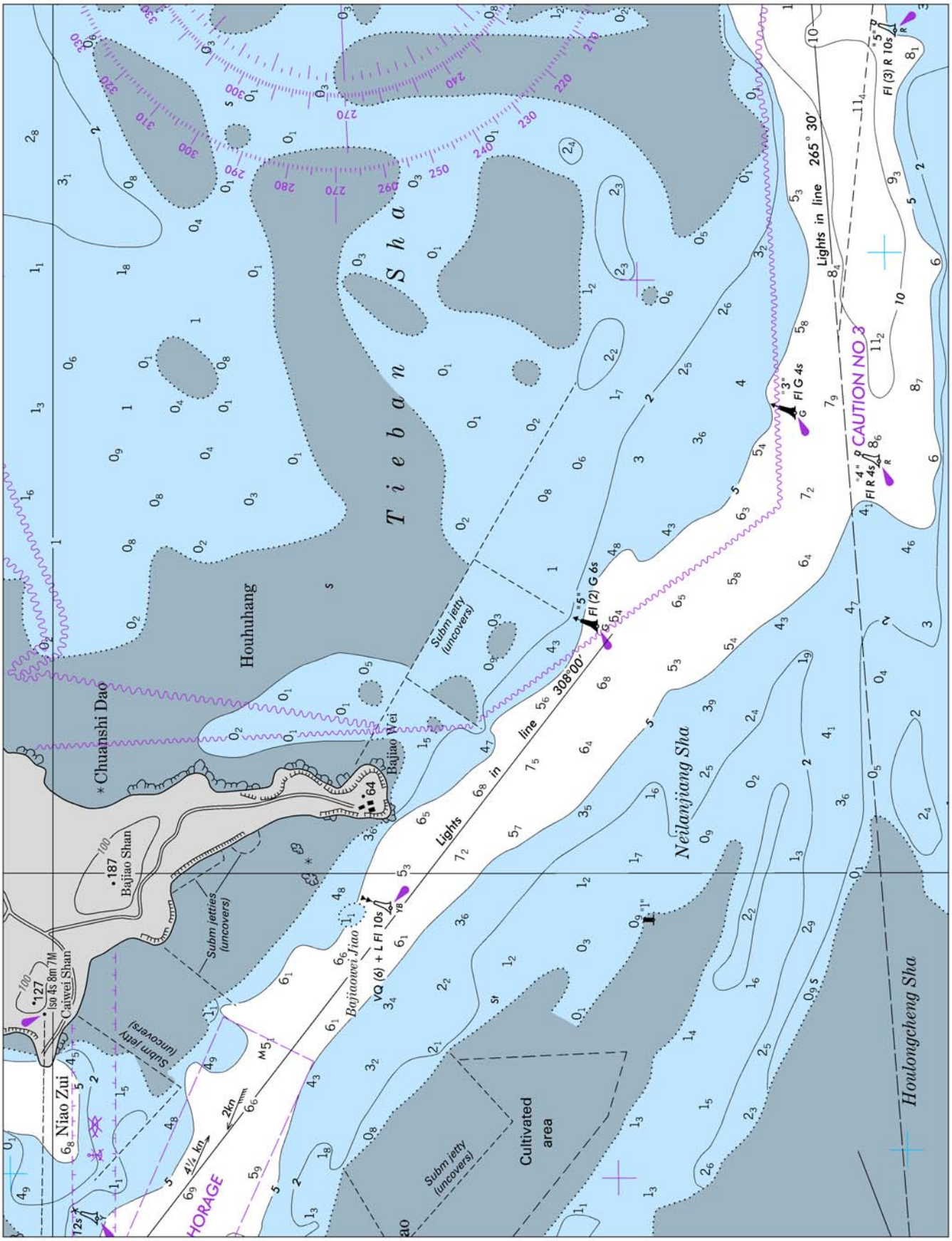
Graphics


Danger Area
T'ao-tzu-yüan
Wooded
Nei-wei
Wooded
Wan-shou Shan
Wooded
No 1 Anchorage
Fl R 4s
Harbor limit
ves Dumping Ground
Kao-hsiung Kang First (North) Entrance
Fl G 4s 15m 16M Racon
Precautionary Area
FFR 3s 14m 10M
Fl (4) 30s 58m 25M
KAO-HS
No 2 Anchorage
Wk (exting)
Dangerous Cargo Ship Anchorage
Sewer
Wave meter
Fl R (5 buoys)
(2 Bns)
Tunnel
No 3 Anchorage
Fl G (3) 10s 18m 15M Racon (Y)
Precautionary Area
Fl R 4s 18m 14M
Kao-hsiung Kang Second (South) Entrance
No 4 Anchorage
Bns in line 052°17'
Bns in line 052°42'
Harbor limit
Fl (2) 15s Siren
Entry Prohibited
Fl (4) 15s Siren

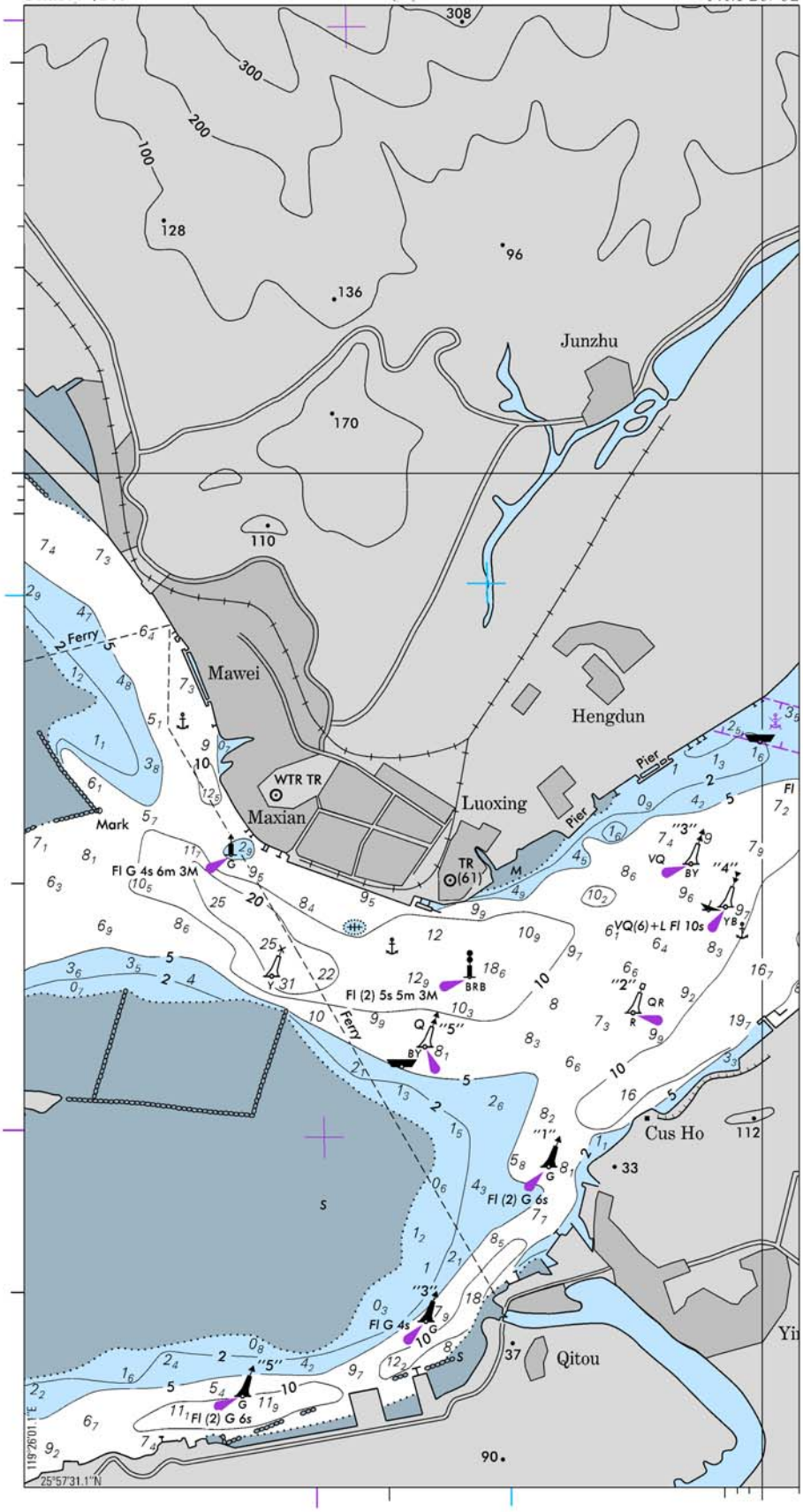
Graphics

NOTE

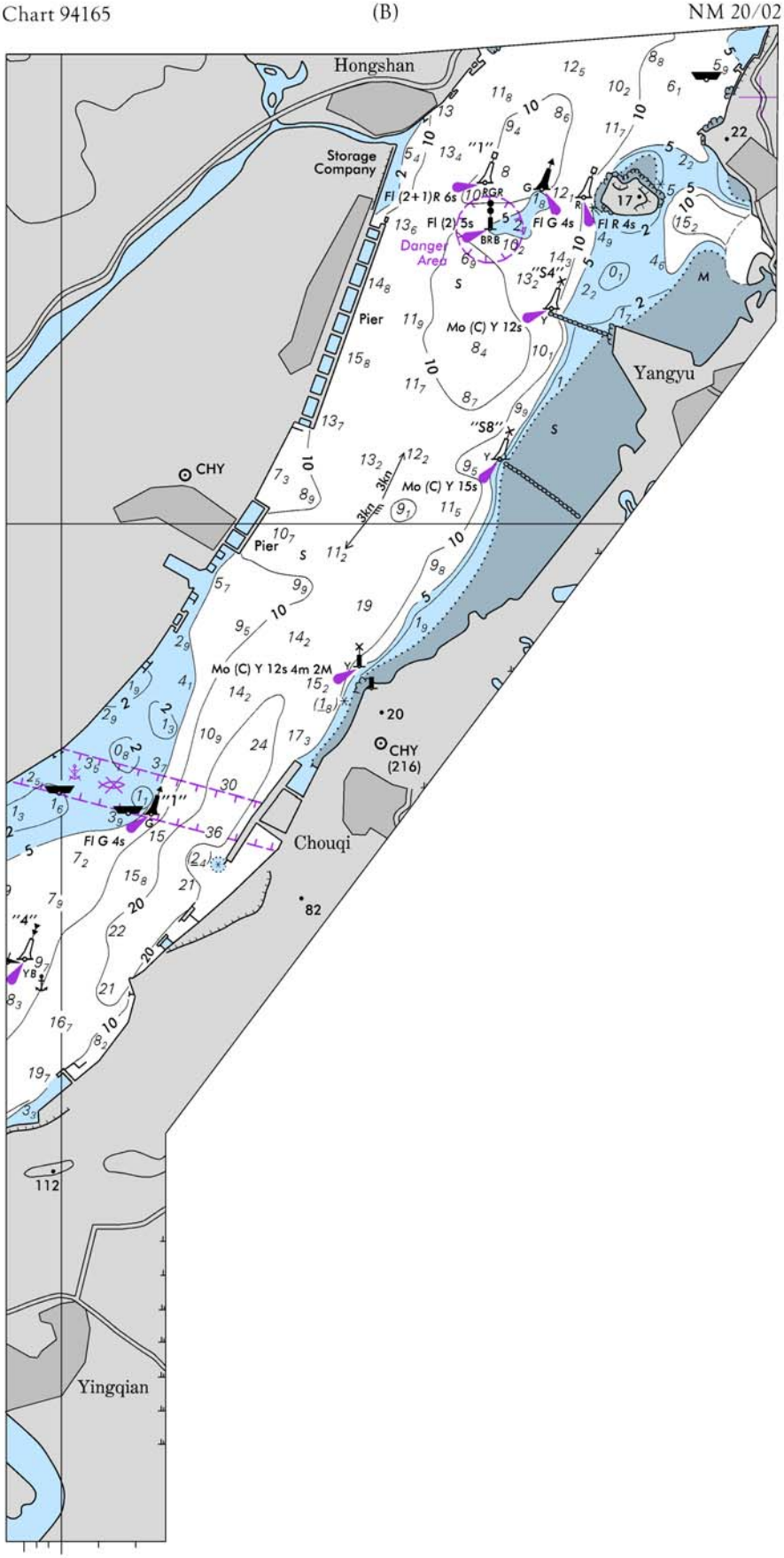
The Traffic Separation Scheme(s) on this chart is not adopted by the International Maritime Organization.


Tieban Sha
Houhuhang
Chuanshi Dao
Bajiao Wei
Bajiao Shan
187
64
127
Iso 4s 8m 7M
Caiwei Shan
Niao Zui
Subm jetty (uncovers)
Subm jetties (uncovers)
Bajiaowei Jiao
VQ (6) + L Fl 10s
Lights in line 308°00'
Lights in line 265° 30'
Fl (2) G 6s
Fl G 4s
Fl R 4s
Fl (3) R 10s
CAUTION NO 3
Neilanjiang Sha
Houlongcheng Sha
Cultivated area
4½ kn
2kn

Graphics


308
300
200
100
128
96
136
Junzhu
170
110
Mawei
Hengdun
Ferry
WTR TR
Maxian
Luoxing
Pier
Mark
Fl G 4s 6m 3M
TR
(61)
VQ
BY
YB
VQ(6)+L Fl 10s
BRB
Fl (2) 5s 5m 3M
QR
R
Q
Fl (2) G 6s
Cus Ho
112
33
Fl G 4s
37
Qitou
Yi
90
119°26'01.1"E
25°57'31.1"N

Graphics


Hongshan
Storage Company
Fl (2+1)R 6s
Fl (2) 5s
Fl G 4s
Fl R 4s
Danger Area
Pier
Mo (C) Y 12s
Yangyu
CHY
Mo (C) Y 15s
Pier
Mo (C) Y 12s 4m 2M
CHY (216)
Fl G 4s
Chouqi
Yingqian

Graphics

Chart 94283 NM N8/13

TSS NO 1

Vessels entering or leaving TSS NO 1 should keep the virtual aid to navigation (V-AIS) on their port side.

Chart 95016 NM 23/11

CAUTIONS

1. Area temporarily dangerous to navigation or anchorage and is under the direct control of naval authorites at Vladivostok. For further details, contact the local maritime authority.
2. Area No. 9 is a former mined area which has been swept and is now considered safe for navigation. For further details, see Sailing Directions.
3. Anchoring, fishing, underwater and dredging operations, trawling and underwater explosions also proceeding with anchor and chain walked out are prohibited.
4. Coastal waters of Korea are mined. Mariners must not enter these waters without obtaining route instructions from the authorities of the Democratic Peoples Republic of Korea.
5. Lights on the coast of North Korea are unreliable, being frequently extinguished.
6. Mariners are warned of many set nets that have been placed along the coast of Korea.
7. This chart is intended for offshore navigation only. Detailed navigational information has been omitted within the 20 meter depth curve contiguous to land areas. Notice to Mariners affecting this chart will only be issued for corrections to wrecks, obstructions, offshore hydrography, principal navigational aids and electronic navigational information.
8. Only the principal lights are shown on this chart. For details of these and other lights, the larger scale charts and List of Lights should be consulted.

Chart 95016 NM 24/11

SUBMARINE CABLES

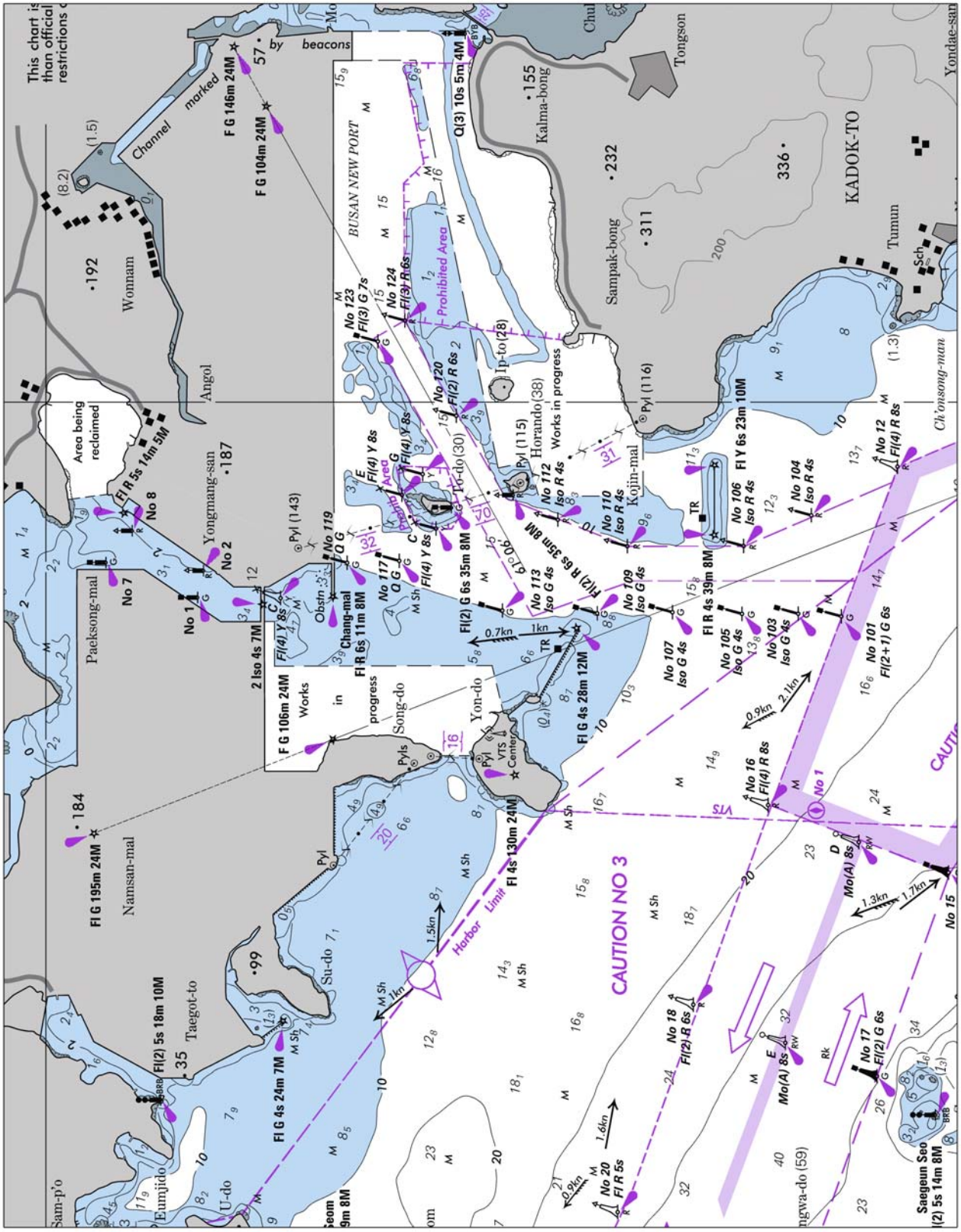
Mariners are advised not to anchor, trawl or fish in the vicinity of submarine cables.

Chart 95100 NM 22/12

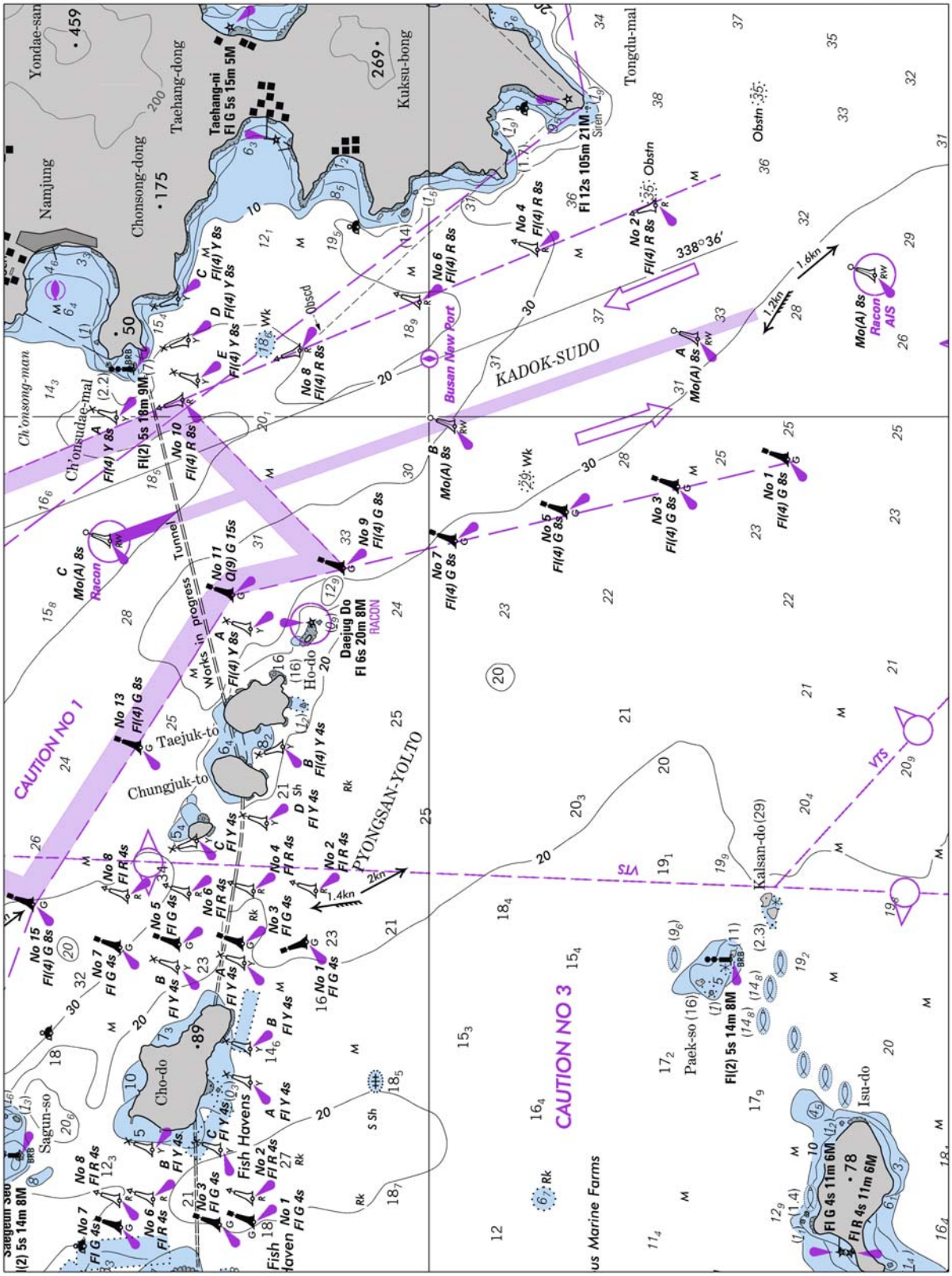
GILL NET AREAS

Vessels are requested to navigate with caution in gill net areas.

Graphics


This chart is
than official
restrictions
Channel marked by beacons
F G 146m 24M
F G 104m 24M
Q(3) 10s 5m 4M
BUSAN NEW PORT
Prohibited Area
Kalma-bong
Tongson
KADOK-TO
Tumun
Sampak-bong
Wonnam
Angol
Area being reclaimed
Fl R 5s 14m 5M
No 8
Yongmang-san
No 2
No 1
Paeksong-mal
No 7
2 Iso 4s 7M
Obstn
No 119
Pyl (143)
Chang-mal
Fl R 6s 11m 8M
No 117
F G 106m 24M
Works in progress
Song-do
Yon-do
Pyls
VTS Center
Fl G 4s 28m 12M
Fl G 195m 24M
Namsan-mal
Fl G 4s 130m 24M
Harbor Limit
CAUTION NO 3
Fl(2) 5s 18m 10M
Taegot-to
Su-do
Fl G 4s 24m 7M
U-do
Eumjido
Sam-p'o
Fl(2) G 6s 35m 8M
Fl(2) R 6s 35m 8M
Fl R 4s 39m 8M
Fl Y 6s 23m 10M
Horando(38)
Pyl (115)
Works in progress
Ip-to(28)
To-do(30)
Kojin-mal
Pyl (116)
Ch'ongsong-man
Saegeun Seo
ngwa-do (59)
No 15
No 16
No 17
No 18
No 20
No 101
No 103
No 104
No 105
No 106
No 107
No 109
No 110
No 112
No 113
No 120
No 123
No 124
No 12
VTS
0.7kn
1kn
1.5kn
1.6kn
0.9kn
2.1kn
1.3kn
1.7kn

Graphics


Yondae-san
Namjung
Chonsong-dong
Taehang-dong
Taehang-ni
Fl G 5s 15m 5M
Kuksu-bong
Tongdu-mal
Ch'onsong-man
Ch'onsudae-mal
Fl(2) 5s 18m 9M
Tunnel
Works in progress
Mo(A) 8s
Racon
CAUTION NO 1
Taejuk-to
Chungjuk-to
Ho-do
Daejug Do
Fl 6s 20m 8M
RACON
Busan New Port
KADOK-SUDO
338°36'
1.6kn
1.2kn
Mo(A) 8s
Racon
AIS
Fl 12s 105m 21M
Siren
Obstn
PYONGSAN-YOLTO
2kn
1.4kn
VTS
Kalsan-do(29)
CAUTION NO 3
Paek-so (16)
Fl(2) 5s 14m 8M
Isu-do
Fl G 4s 11m 6M
Fl R 4s 11m 6M
Cho-do
Sagun-so
Fish Havens
Saegeum Seo
Fl(2) 5s 14m 8M

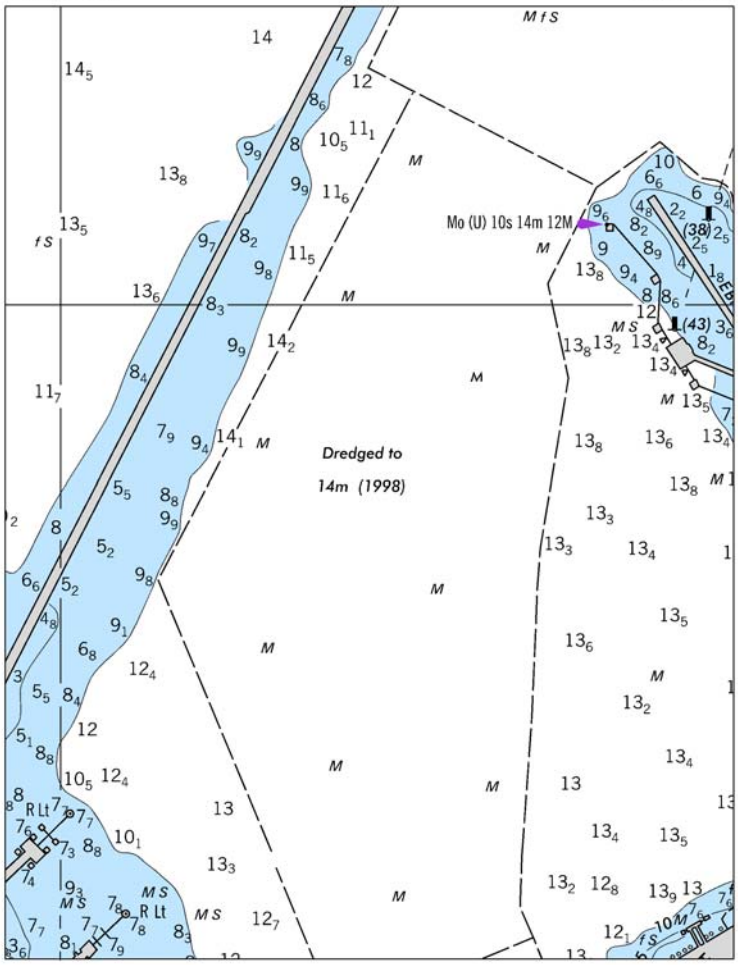
Graphics

Chart 95160 NM 18/10

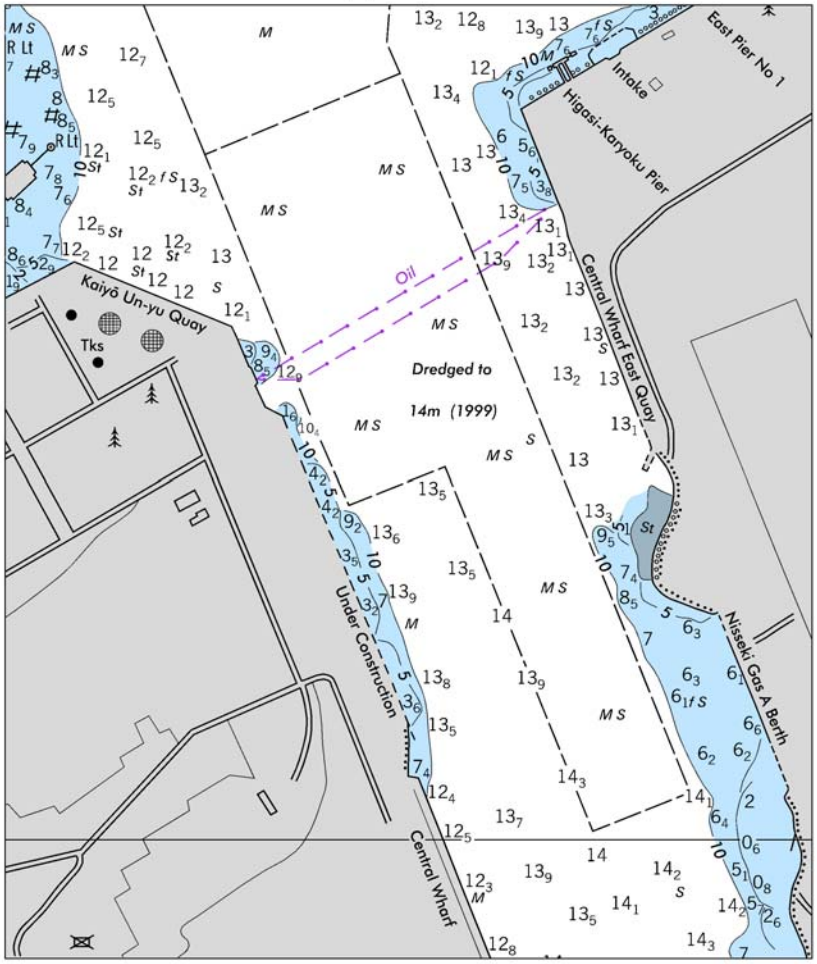
FISH HAVENS

Numerous fish havens and fish traps exist in shallow waters along the coast of Korea, but do not present a danger to offshore navigation. Such areas will no longer be maintained on this chart.

Chart 95255 (A) NM 34/00



Graphics


East Pier No 1
Intake
Higasi-Karyoku Pier
Central Wharf East Quay
Kaiyô Un-yu Quay
Tks
Oil
Dredged to
14m (1999)
Under Construction
Central Wharf
Nisseki Gas A Berth

Graphics

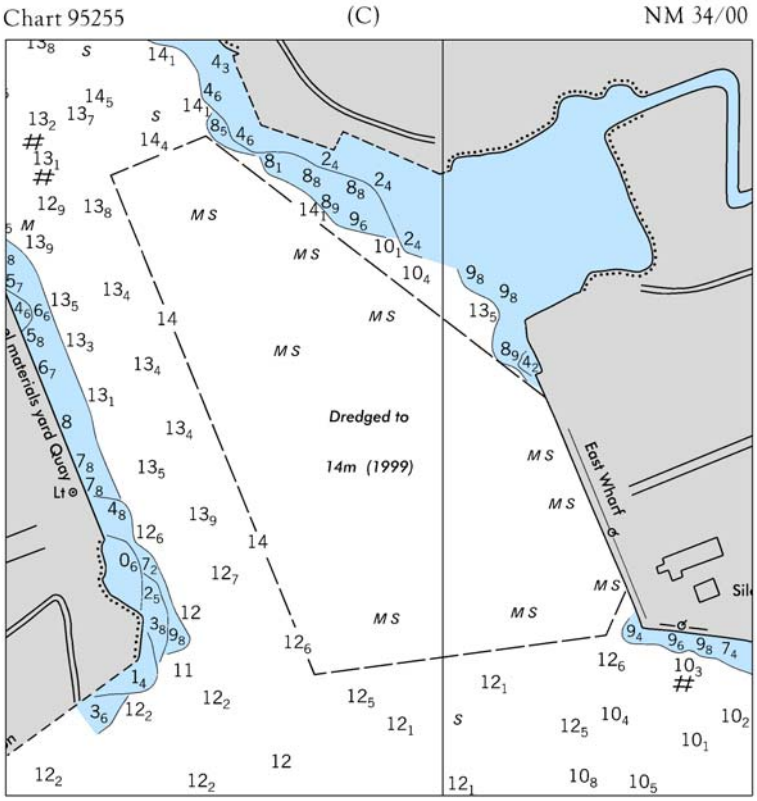


Chart 95255
(C)
NM 34/00
Dredged to
14m (1999)
East Wharf
Materials yard Quay
Lt

Graphics

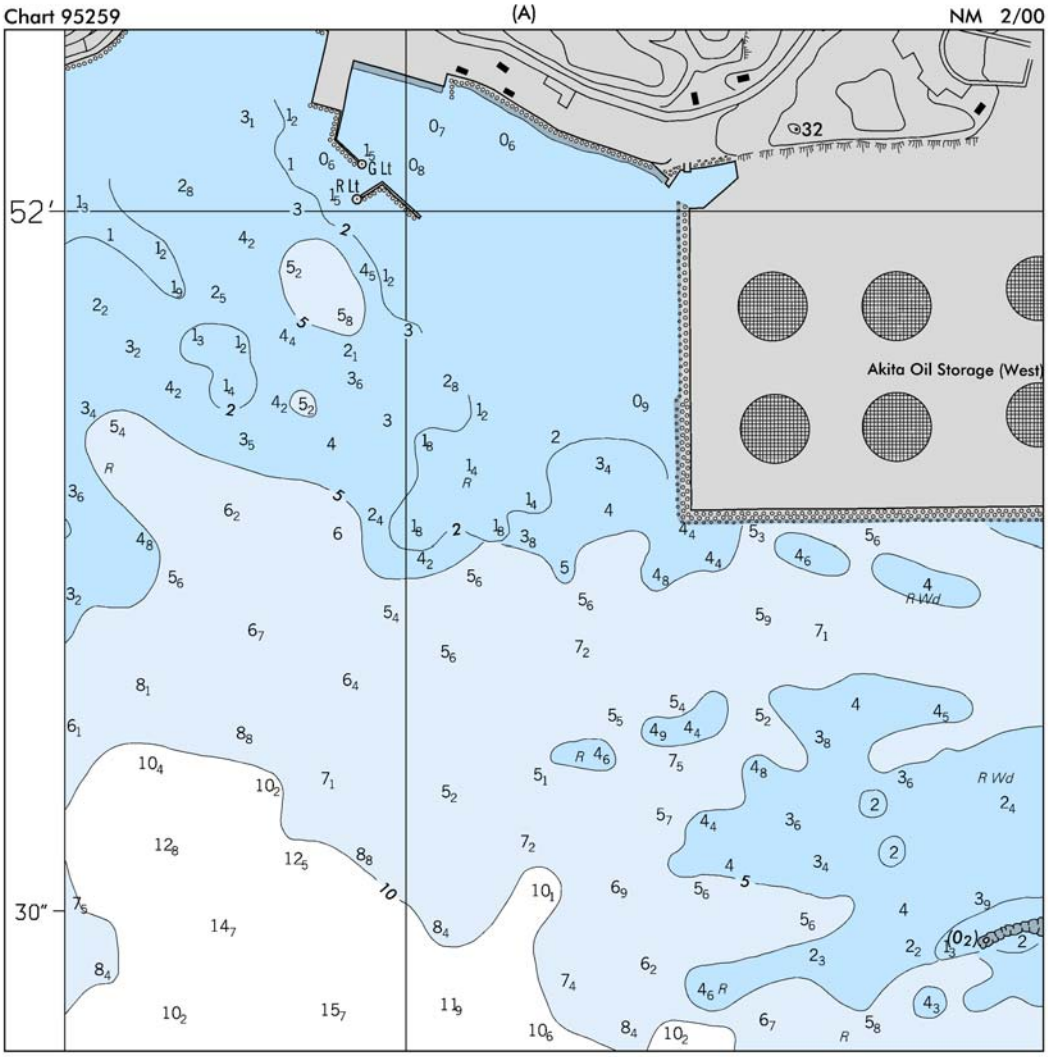
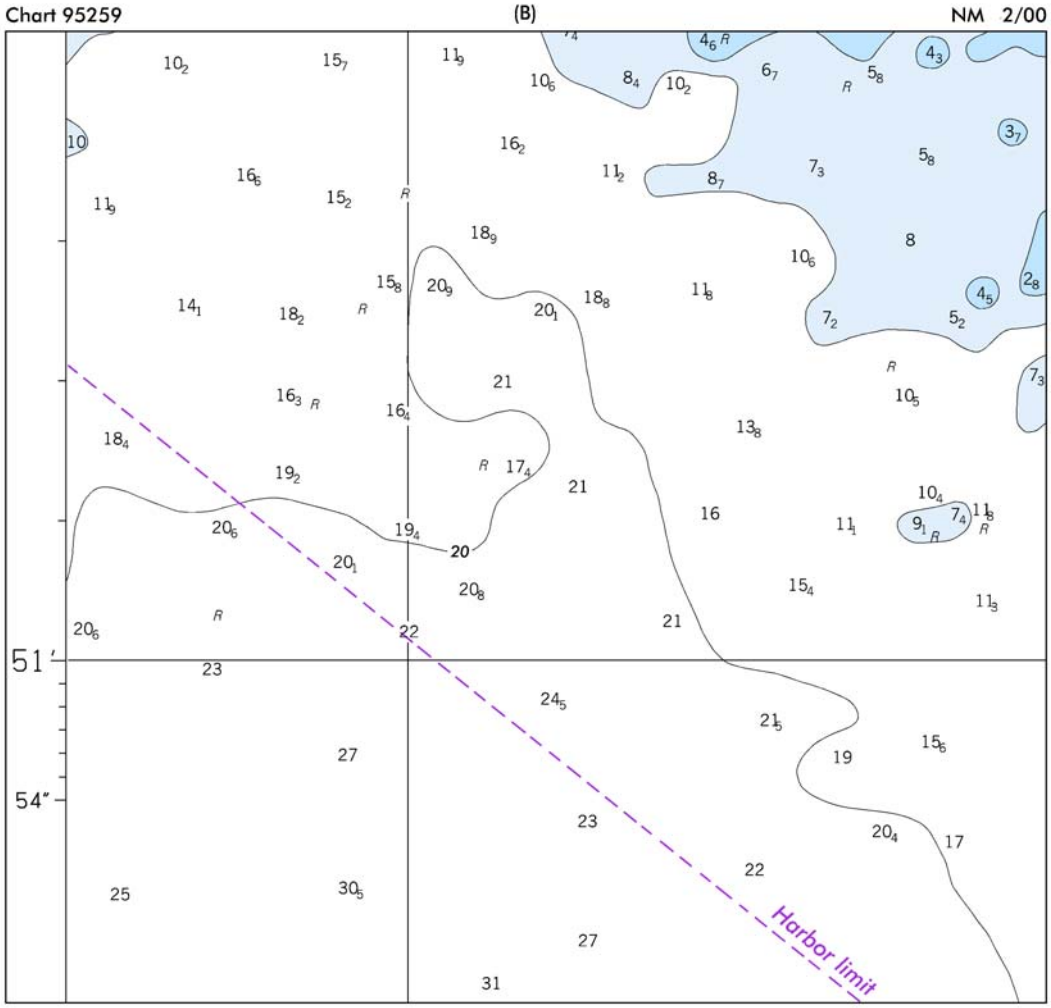
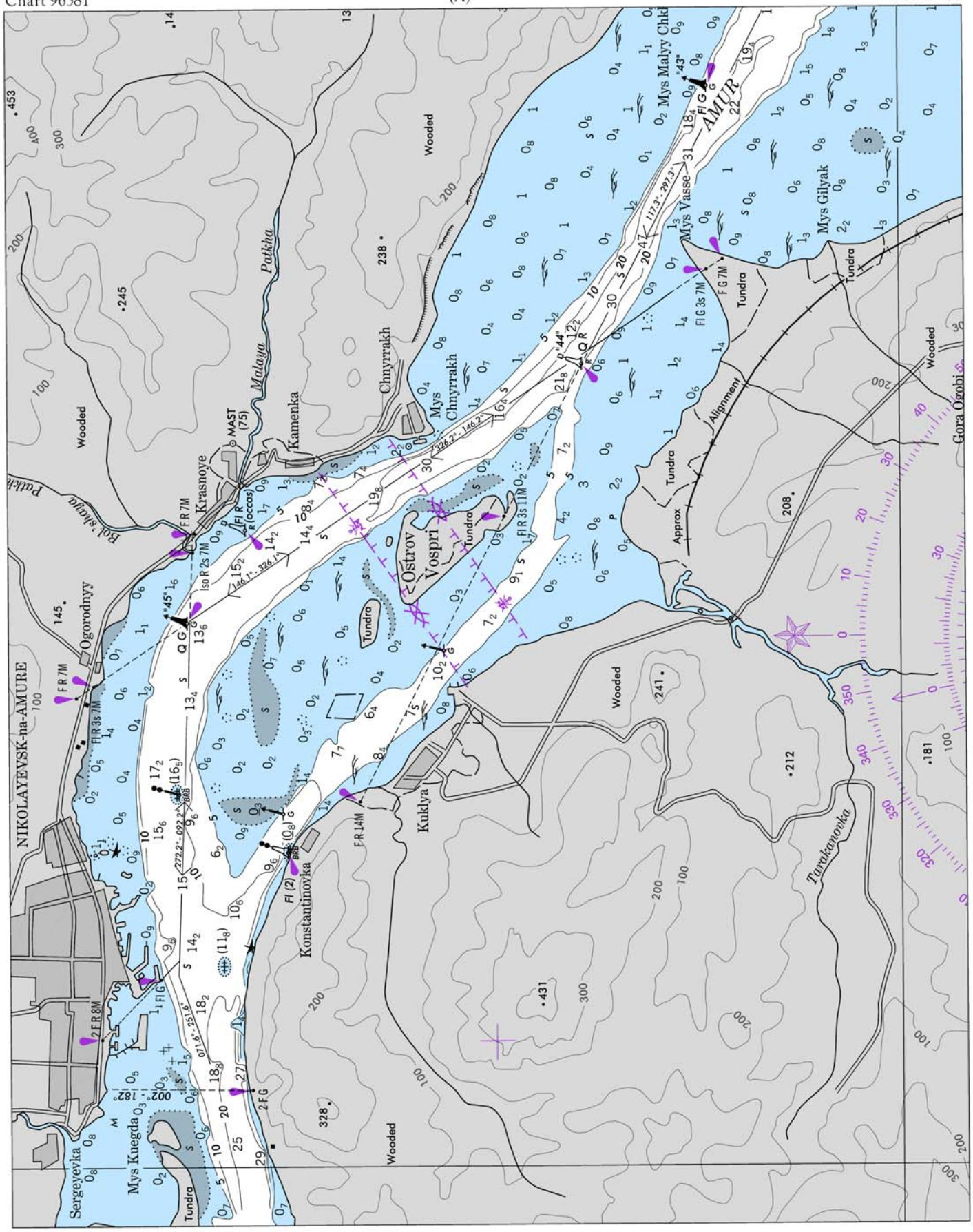


Chart 95259
(A)
NM 2/00
52′
30″
G Lt
R Lt
32
Akita Oil Storage (West)
R Wd

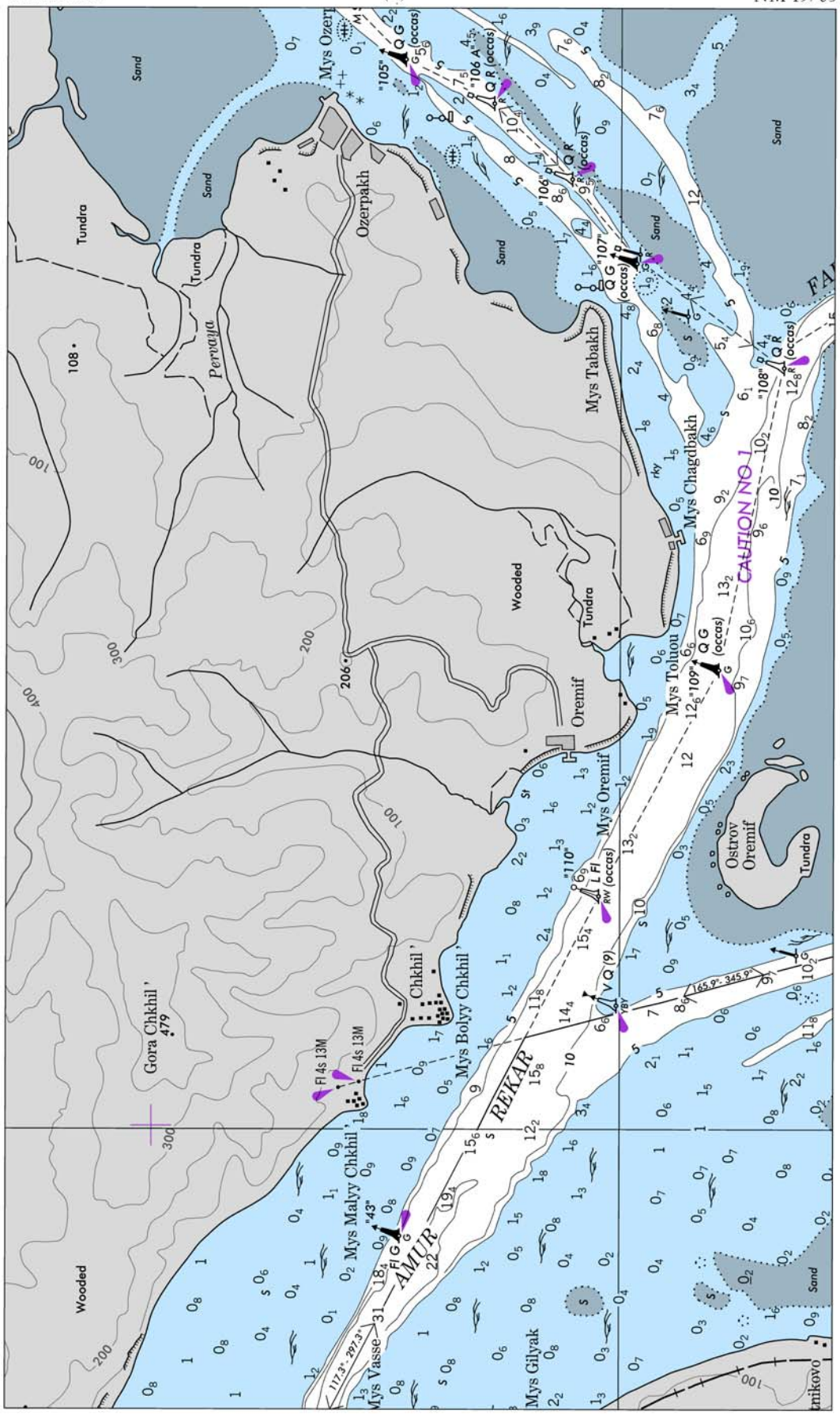
Graphics



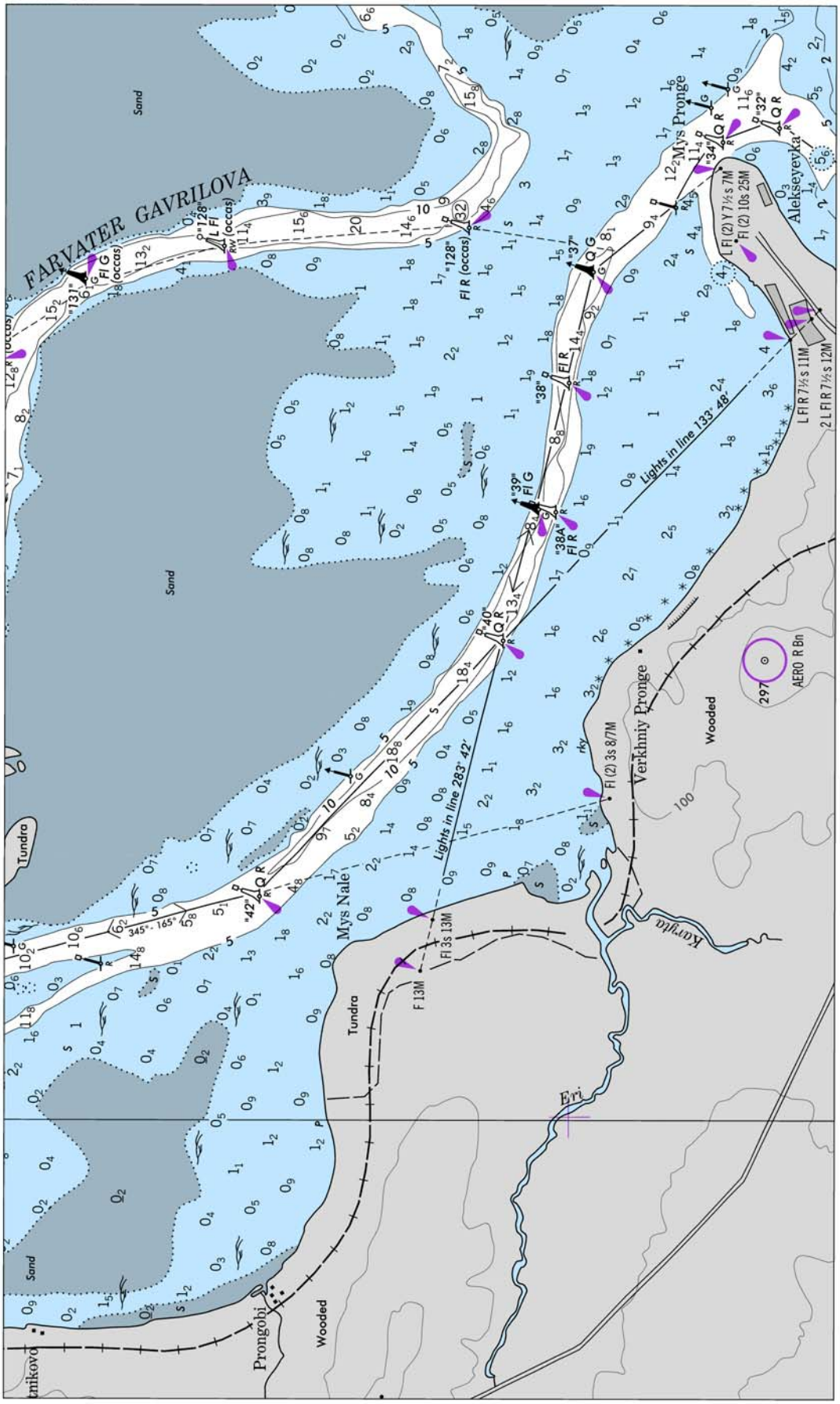
Graphics


NIKOLAYEVSK-na-AMURE
Ogorodnyy
Bol'shoyu Pakha
Krasnoye
Malaya Pakha
Kamenka
Chnyrrakh
Mys Chnyrrakh
Ostrov Vospri
Kuklya
Konstantinovka
Sergeyevka
Mys Kuegda
Mys Malyy Chk
Mys Vasse
Mys Gilyak
AMUR
Tarakanovka
Gora Ogobi
Wooded
Tundra
Approx Alignment
MAST (75)
F R 7M
Iso R 2s 7M
Fl R (occas)
Fl R 3s 7M
2 F R 8M
Fl G
2 F G
F R 14M
Fl (2)
Fl R 3s 11M
Fl G 3s 7M
F G 7M
Q G
Q R
453
400
300
200
100
245
145
238
208
241
212
181
328
431

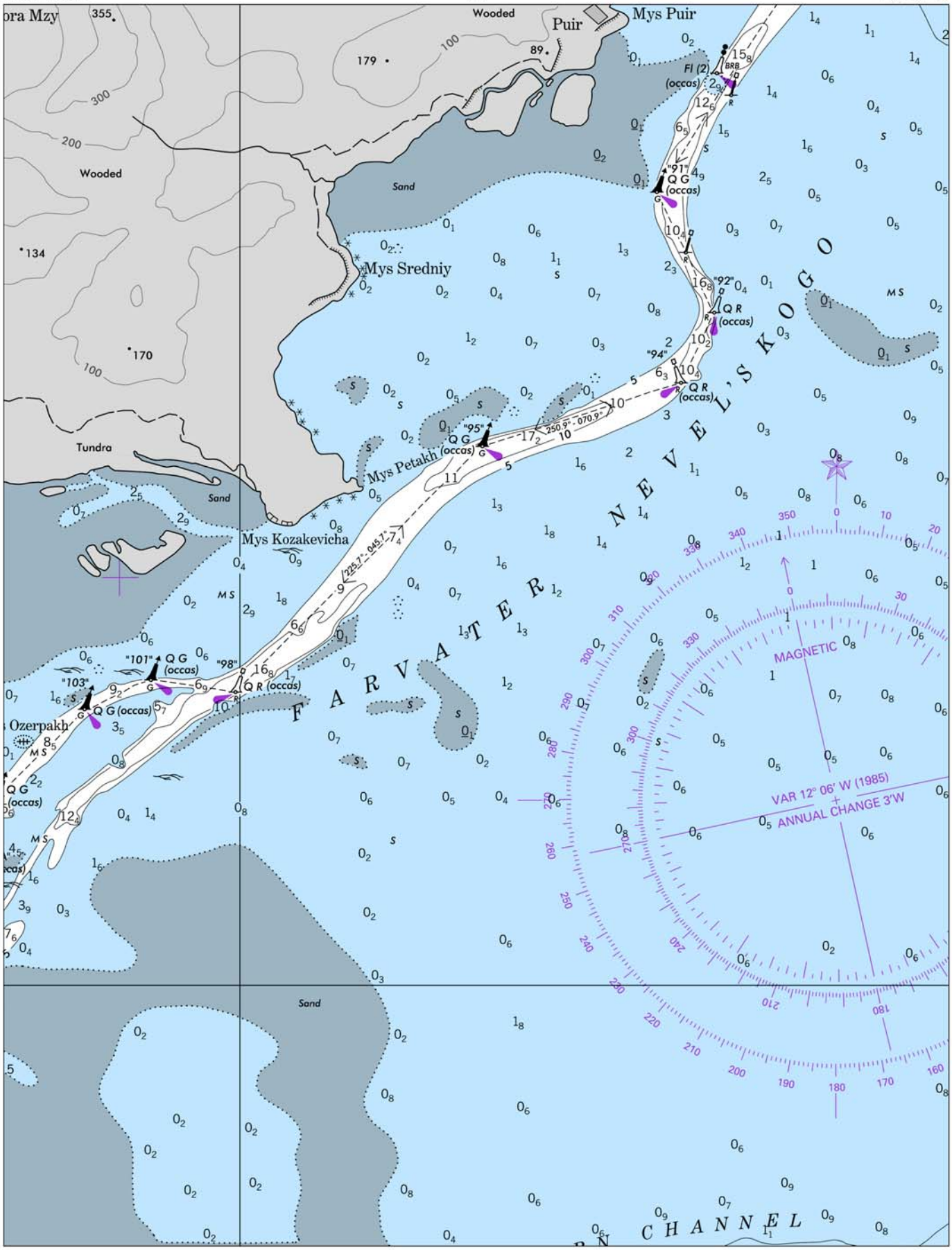
Graphics


Mys Ozern
Ozerpakh
Tundra
Sand
Pervaja
Mys Tabakh
Mys Chagdbakh
Wooded
Oremif
Mys Oremif
Mys Tolnou
Ostrov Oremif
CAUTION NO 1
Gora Chkhil'
479
Chkhil'
Mys Bolyy Chkhil'
Mys Malyy Chkhil'
REKAR
AMUR
Mys Vasse
Mys Gilyak
"105"
"106 A"
"106"
"107"
"108"
"109"
"110"
"43"
Fl 4s 13M
Q G (occas)
Q R (occas)
L Fl
RW (occas)
V Q (9)
165.9°-345.9°
117.3°-297.3°

Graphics


FARVATER GAVRILOVA
Sand
Tundra
Wooded
Mys Nale
Mys Pronge
Aleksejevka
Verkhniy Pronge
Prongobi
Eri
Kamula
Lights in line 283° 42'
Lights in line 133° 48'
345°-165°
"13"
"128"
"32"
"34"
"37"
"38"
"38A"
"39"
"40"
"42"
Fl G
Fl R
Q R
Q G
L Fl
Fl R (occas)
Fl (2) Y 7½ s 7M
Fl (2) 10s 25M
L Fl R 7½ s 11M
2 L Fl R 7½ s 12M
Fl (2) 3s 8/7M
Fl 3s 13M
F 13M
AERO R Bn
297
100

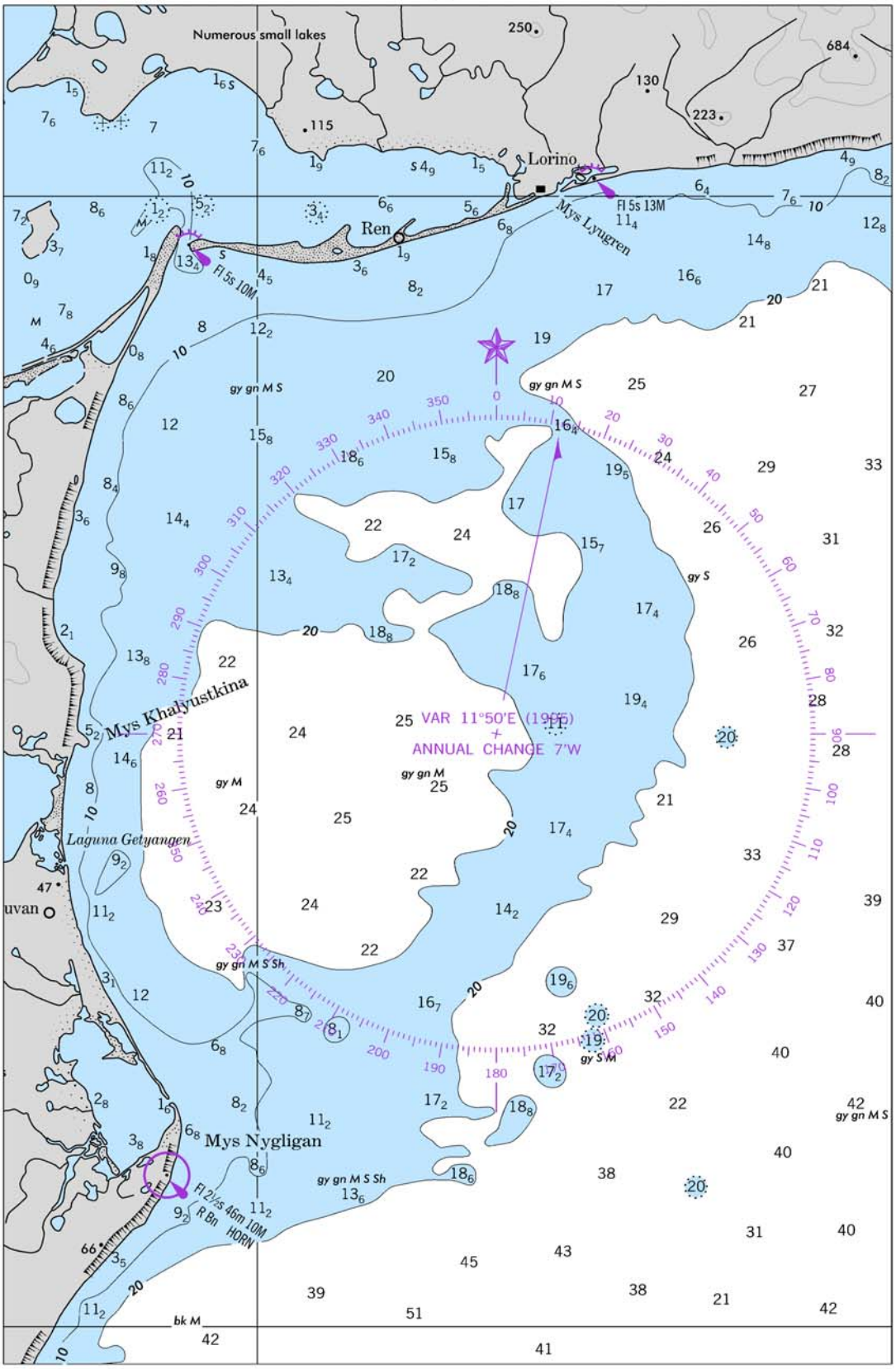
Graphics


Mys Puir
Wooded
Puir
Wooded
Sand
Mys Sredniy
Tundra
Sand
Mys Petakh
Mys Kozakevicha
Ozerpakh
Sand
F A R V A T E R N E V E L'S K O
C H A N N E L
"91" Q G (occas)
"92" Q R (occas)
"94" Q R (occas)
"95" Q G (occas)
"98" Q R (occas)
"101" Q G (occas)
"103" Q G (occas)
Fl (2) (occas)
MAGNETIC
VAR 12° 06' W (1985)
ANNUAL CHANGE 3'W

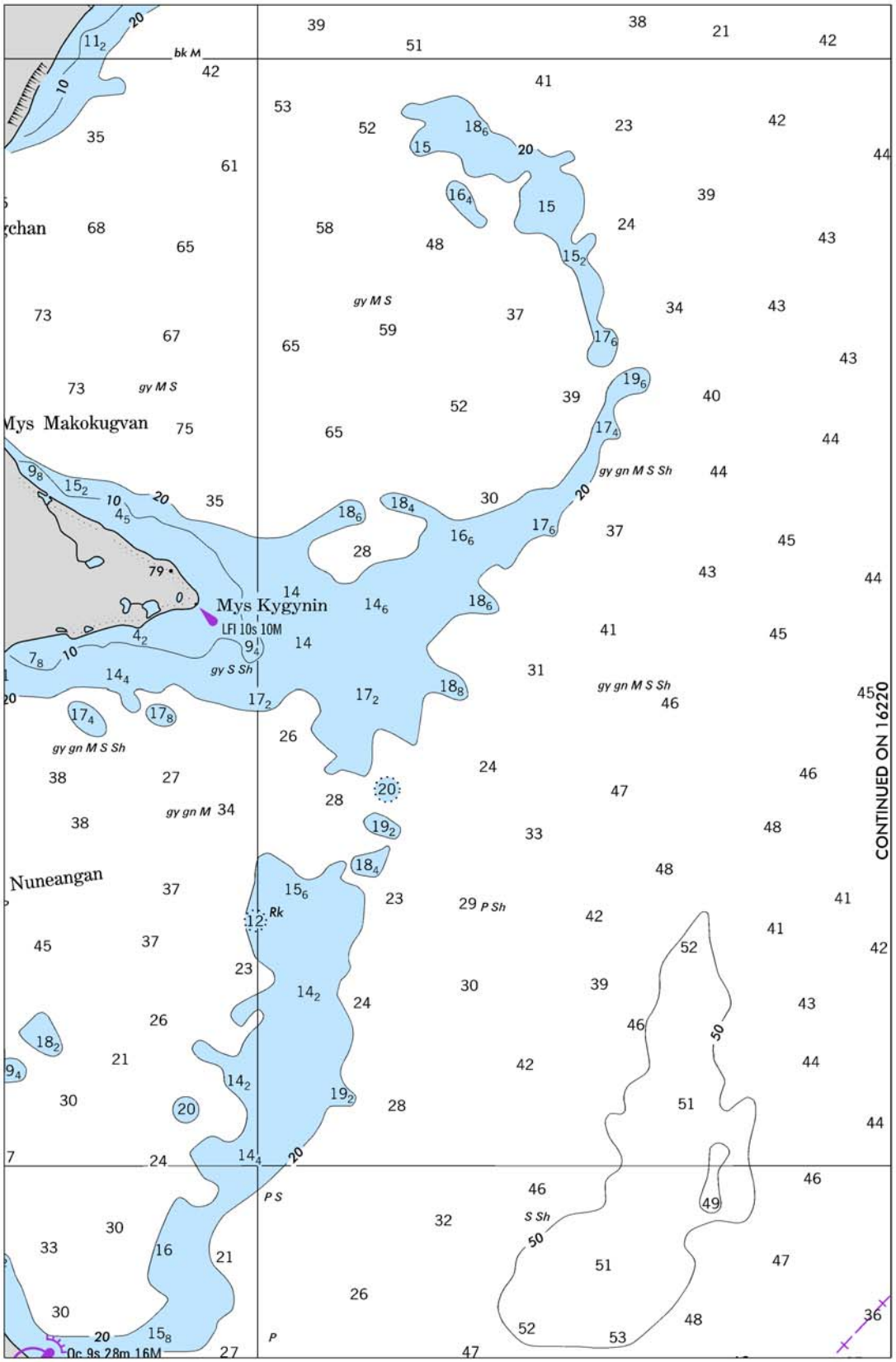
Graphics

CAUTIONS

1. See Sailing Directions (Planning Guide) for regulations pertaining to navigation within the waters of the Russian Federation
2. Mariners are warned to exercise caution within the area indicated. The detail of these areas has not been derived from adequate hydrographic surveys and uncharted dangers may exist.
3. Southward of 60-02 N on the Govena Peninsula, the area to six miles offshore is the Koryakskiy State Nature Reserve.


Numerous small lakes
Lorino
Ren
Mys Lyugren
Fl 5s 13M
Fl 5s 10M
Mys Khalyustkina
Laguna Getyangen
VAR 11°50'E (1995)
ANNUAL CHANGE 7'W
Mys Nygligan
Fl 2½s 46m 10M
R Bn
HORN

Graphics


Mys Makokugvan
Mys Kygynin
LFl 10s 10M
Nuneangan
gy M S
gy gn M S Sh
gy S Sh
gy gn M
P Sh
S Sh
Rk
P S
P
Oc 9s 28m 16M
CONTINUED ON 16220

Graphics

Chart 96720 (Plan) NM 31/00

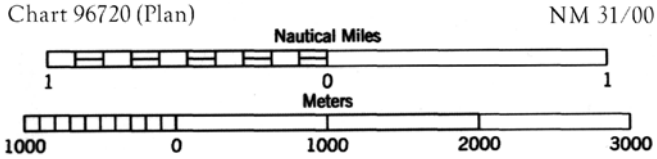


Chart 96763 NM 46/00

CAUTION

Depths of up to 0.6 meter less than charted may exist in the area.

Chart 96763 NM 32/03

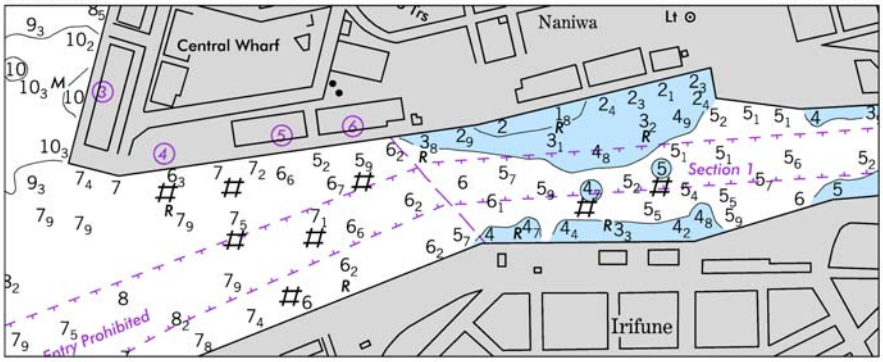
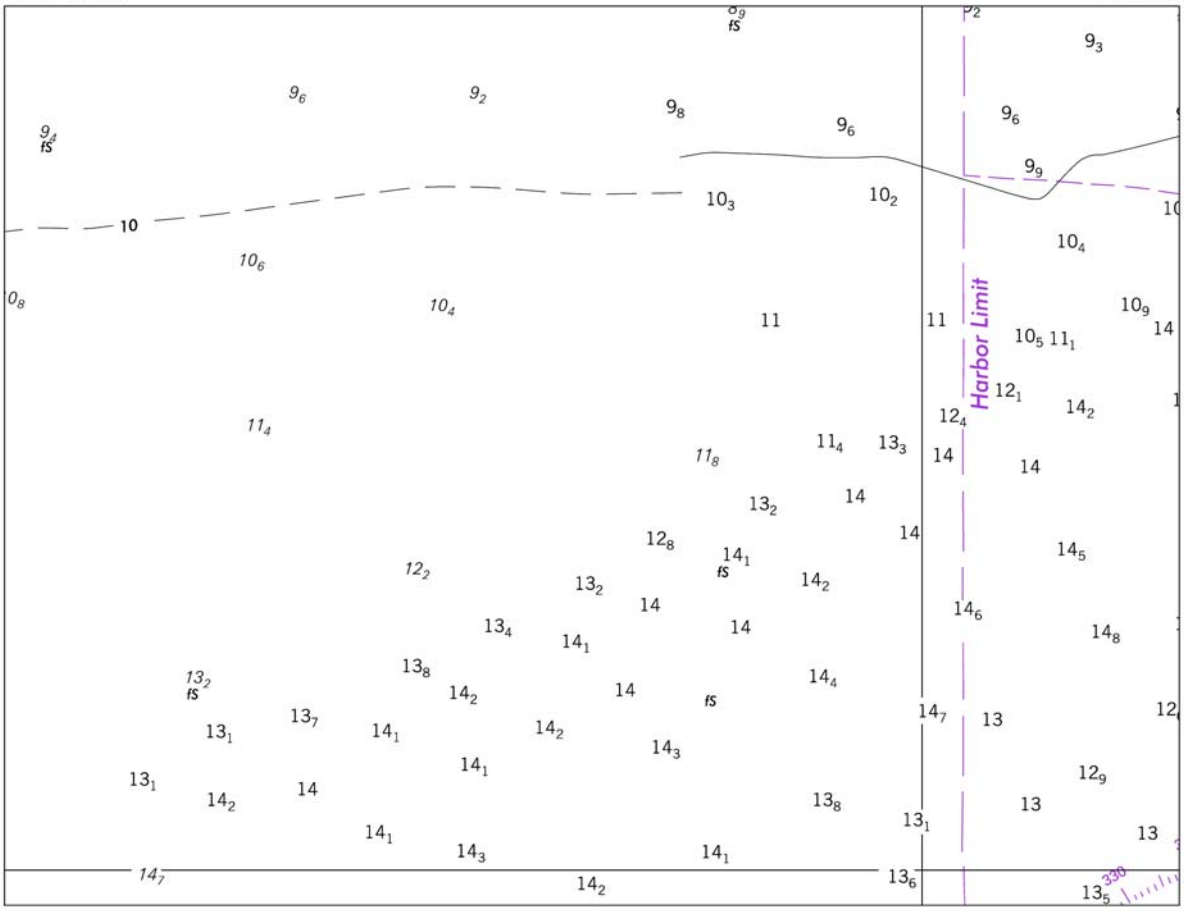


Chart 96763 NM 6/04



Graphics

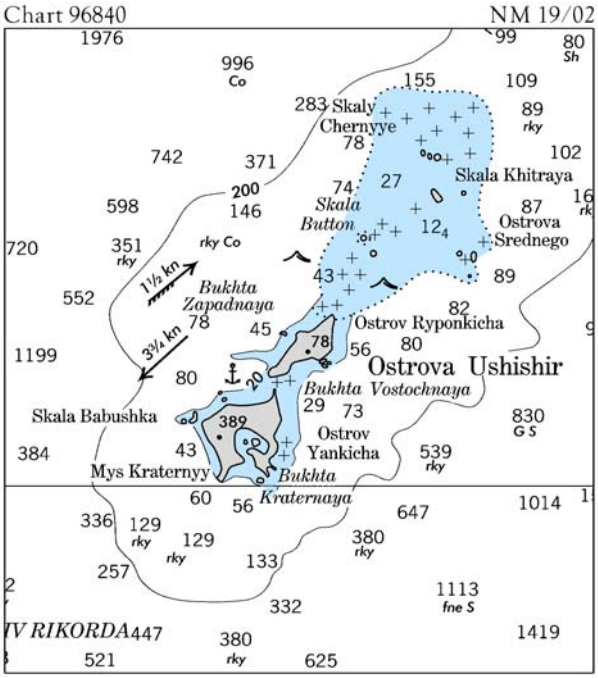


Chart 96840
NM 19/02
Skaly Chernyye
Skala Khitraya
Skala Button
Ostrova Srednego
Bukhta Zapadnaya
Ostrov Ryponkicha
Ostrova Ushishir
Bukhta Vostochnaya
Skala Babushka
Ostrov Yankicha
Mys Kraternyy
Bukhta Kraternaya
1½ kn
3¾ kn

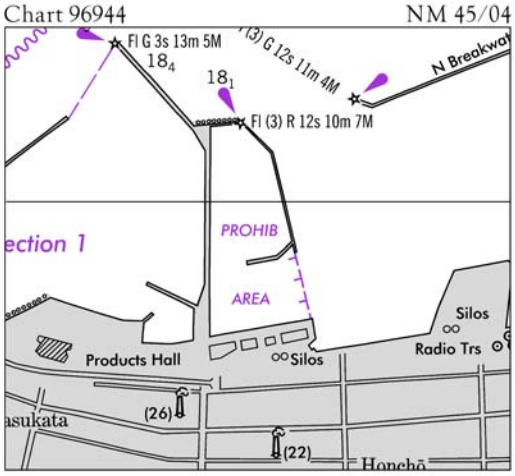


Chart 96944
NM 45/04
Fl G 3s 13m 5M
Fl (3) G 12s 11m 4M
Fl (3) R 12s 10m 7M
N Breakwa
PROHIB
AREA
Products Hall
Silos
Radio Trs

Graphics

Chart 96944 (Plan) NM 45/04

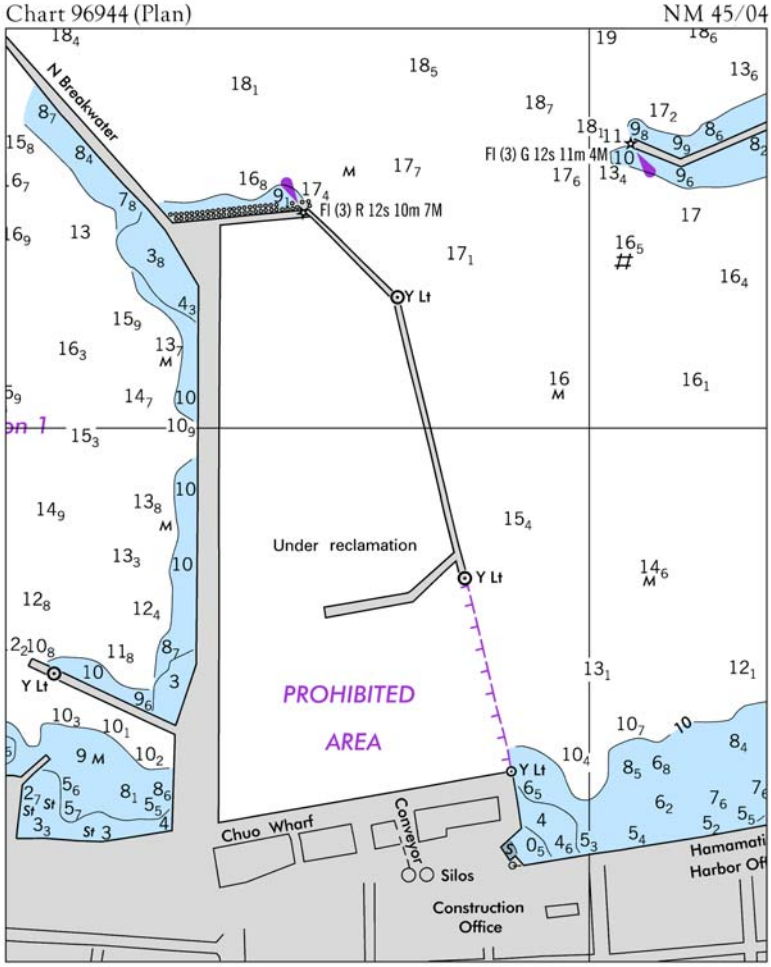
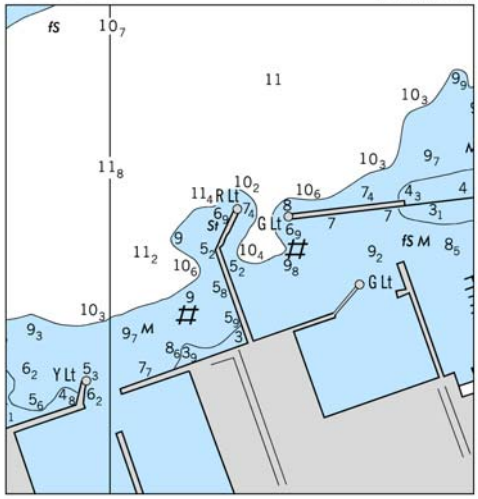


Chart 96949 NM 8/06



Graphics

Chart 97021 NM 23/11

CAUTIONS

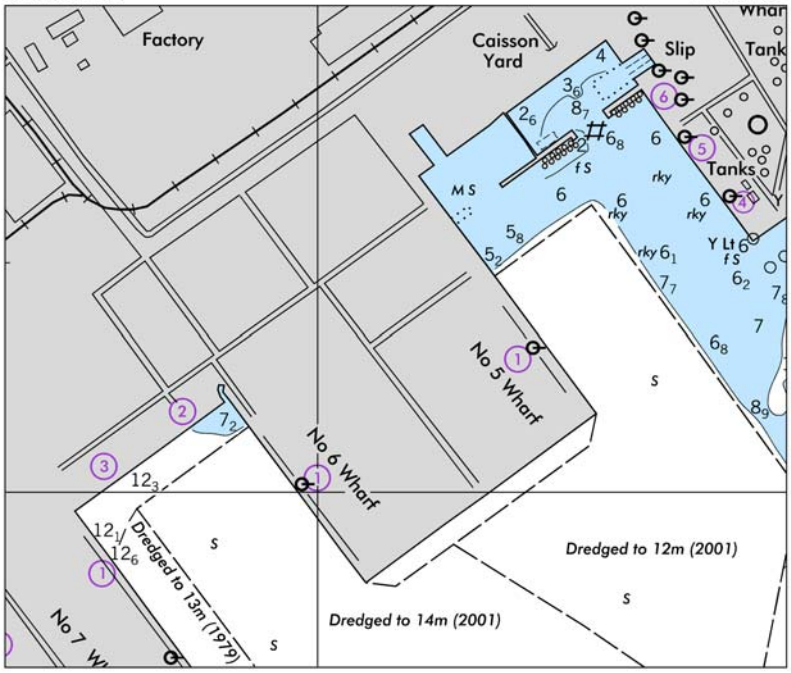
1. This chart is intended for offshore navigation only. Detailed navigational information has been omitted within the 20 meter depth curve contiguous to land areas. Notice to Mariners affecting this chart will only be issued for corrections to wrecks, obstructions, offshore hydrography, principal navigational aids and electronic navigational information.
2. Only the principal lights are shown on this chart. For details of these and other lights, the larger scale charts and List of Lights should be consulted.

Chart 97021 NM 24/11

SUBMARINE CABLES

Mariners are advised not to anchor, trawl or fish in the vicinity of submarine cables.

Chart 97104 NM 7/07



Graphics

Chart 97135 NM N2/11

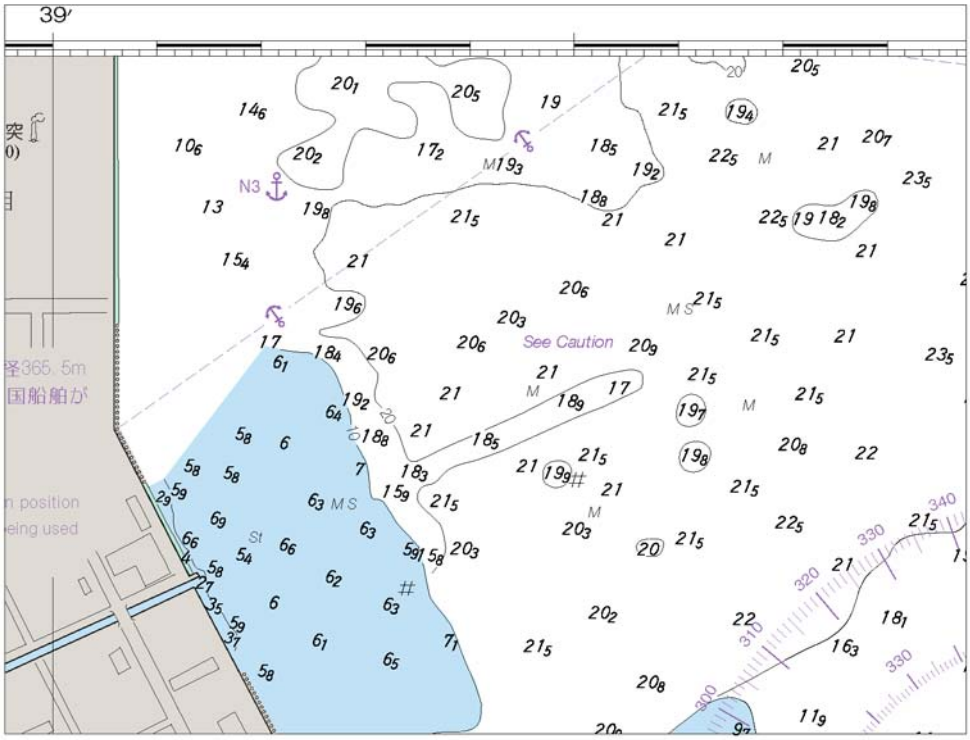
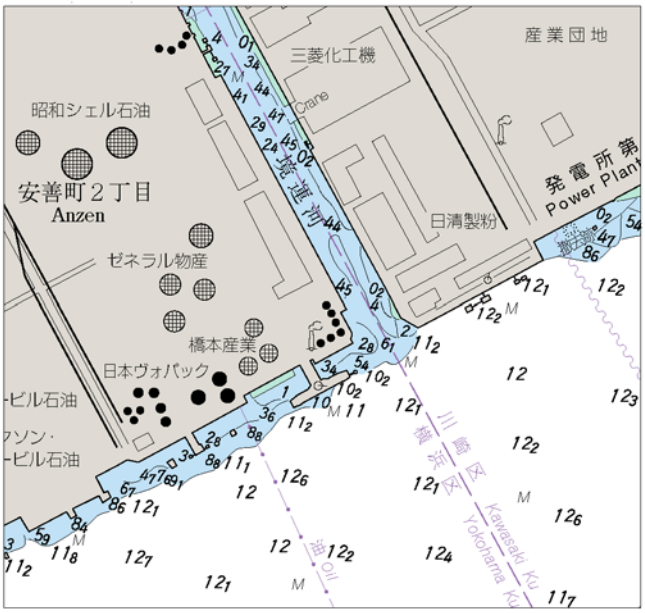


Chart 97139 (A) NM N50/10



Graphics

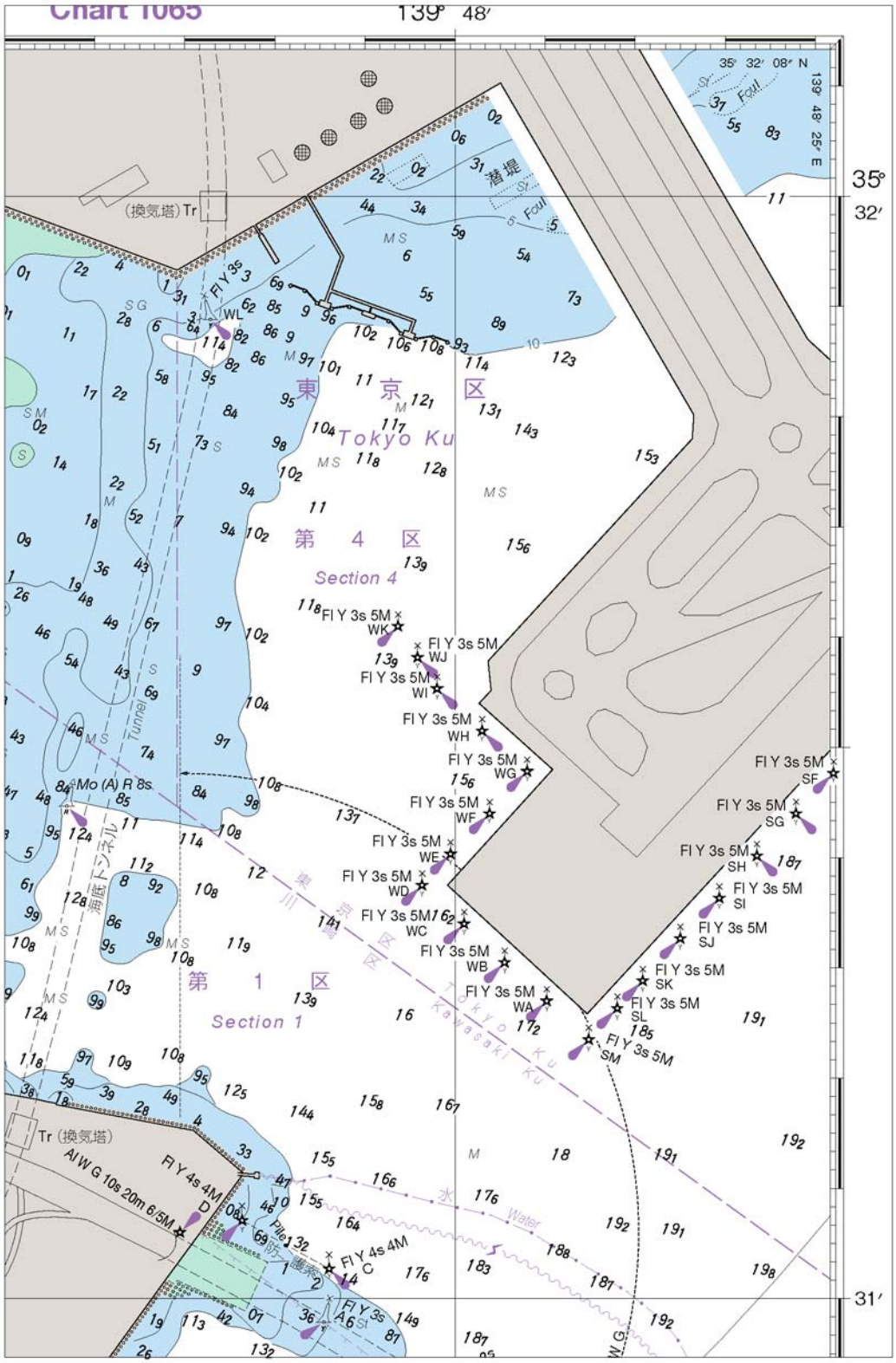


Chart 1065
139° 48′
35° 32′ 08″ N
139° 48′ 25″ E
35°
32′
31′
(換気塔) Tr
Tr (換気塔)
東 京 区
Tokyo Ku
第 4 区
Section 4
第 1 区
Section 1
Tunnel
海底トンネル
東 京 川 崎 区
Tokyo Kawasaki Ku
水 Water
防 護 Pile
Fl Y 3s 5M WK
Fl Y 3s 5M WJ
Fl Y 3s 5M WI
Fl Y 3s 5M WH
Fl Y 3s 5M WG
Fl Y 3s 5M WF
Fl Y 3s 5M WE
Fl Y 3s 5M WD
Fl Y 3s 5M WC
Fl Y 3s 5M WB
Fl Y 3s 5M WA
Fl Y 3s 5M SF
Fl Y 3s 5M SG
Fl Y 3s 5M SH
Fl Y 3s 5M SI
Fl Y 3s 5M SJ
Fl Y 3s 5M SK
Fl Y 3s 5M SL
Fl Y 3s 5M SM
Mo (A) R 8s
Fl Y 4s 4M D
Al W G 10s 20m 6/5M
Fl Y 4s 4M C
Fl Y 3s A6

Graphics

Chart 97139 NM N50/10

航 行 安 全 情 報

1．東京国際空港Ｄ滑走路周辺海域における航行方法

（1）水面上の高さが２８．４メートル以上の船舶は、Ｄ滑走路船舶高基準面内航路側傍海域に侵入しないこと。

（2）水面上の高さが２８．４メートル未満の船舶は、東京国際空港Ｄ滑走路東方灯標の北東側を航行すること。

2．Ｄ滑走路島周辺に設置された黄色標識よりも空港側の海域は、空港長の承認を受けた船舶を除き、立ち入りを禁止する。

Navigational Safety

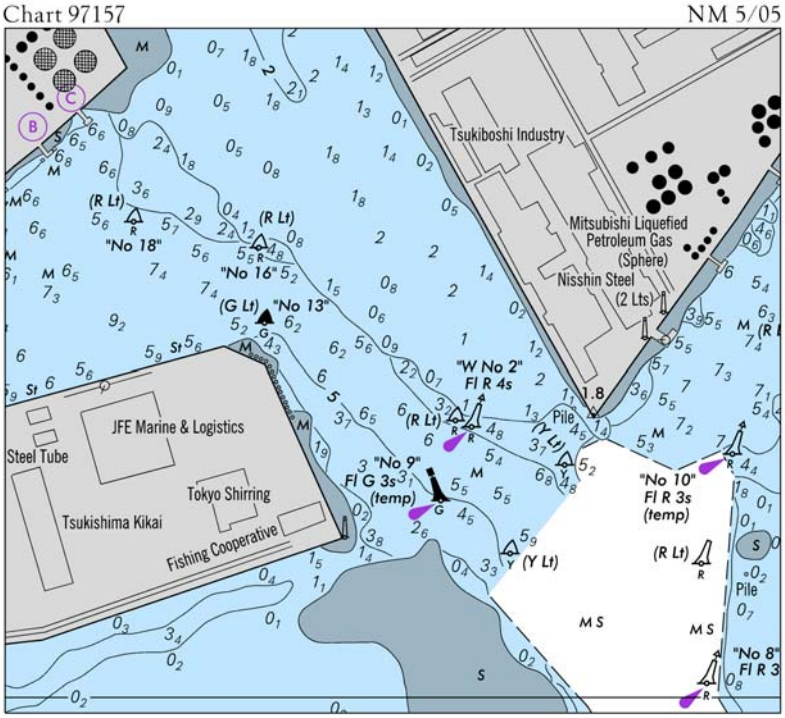
1. Navigation in the vicinity of Tokyo International Airport, Runway D.
   (1) Vessels with a height of 28.4m or more above sea level shall not enter the sea area adjacent to the passage route within the Runway D height base level.
   (2) Vessels with a height of 28.4m or less above sea level shall navigate the north-east side of Runway D of Tokyo International Aiport East Light Beacon.
2. Vessels, excluding those approved by the airport authorities, must not enter the sea area adjacent to the airport designated by yellow light-buoys installed around Runway D island.

Chart 97157 NM 1/05

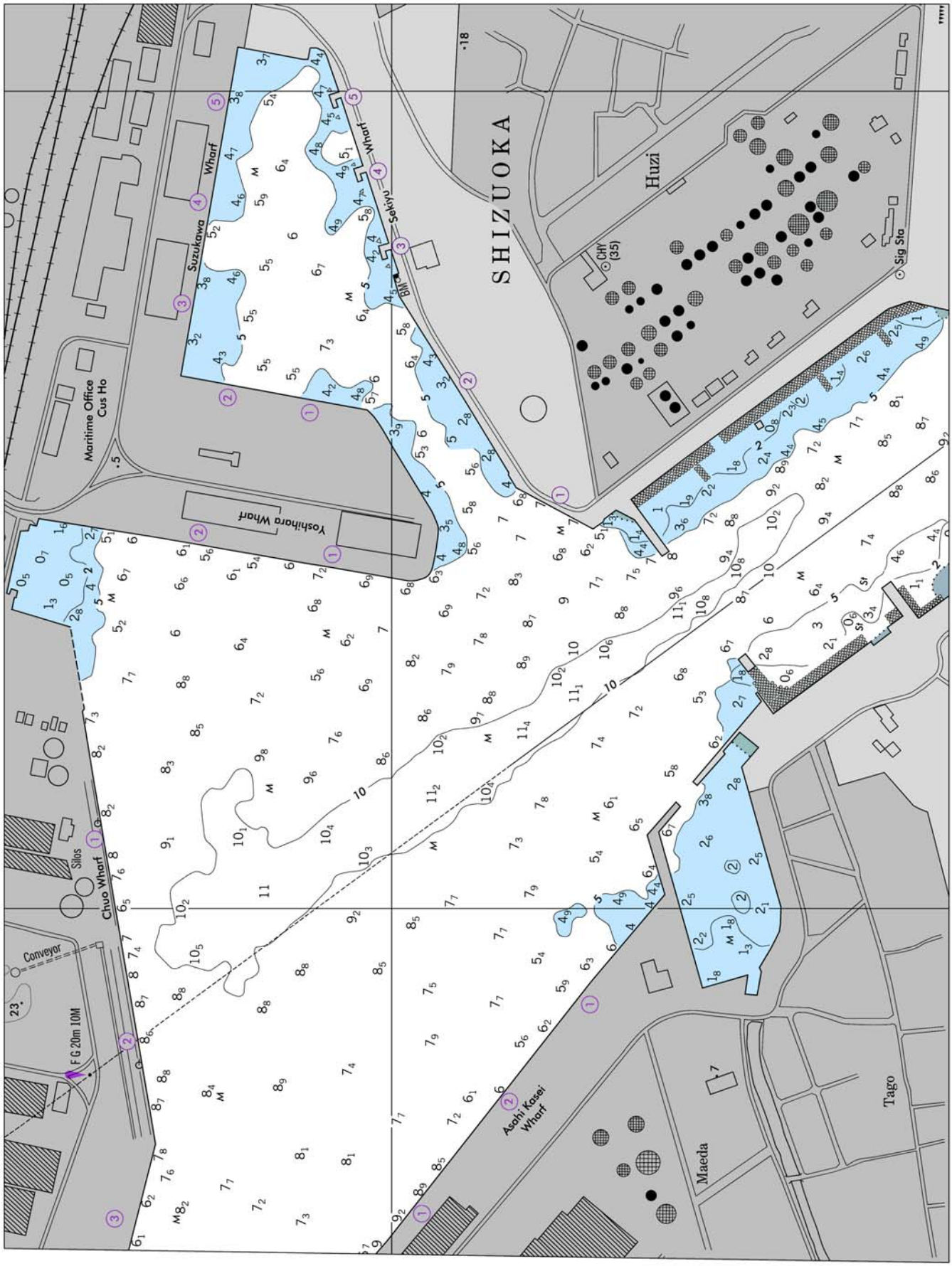
CAUTIONS

1. Undiscovered shoals may exist around charted shoals, mariners are advised to exercise caution.
2. Depths of up to 1.5 meters less than charted may exist in the area.
3. Depths of up to 2.5 meters less than charted may exist in the area.

Chart 97157 NM 5/05

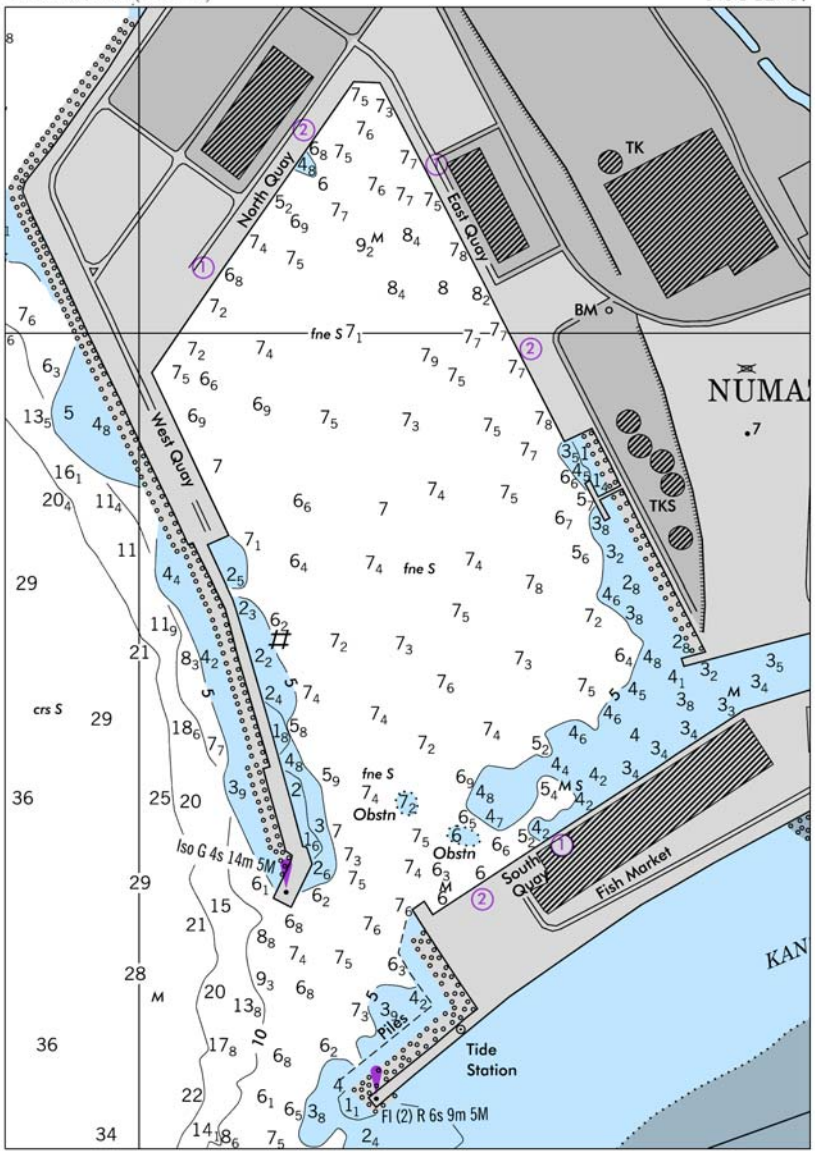


Graphics

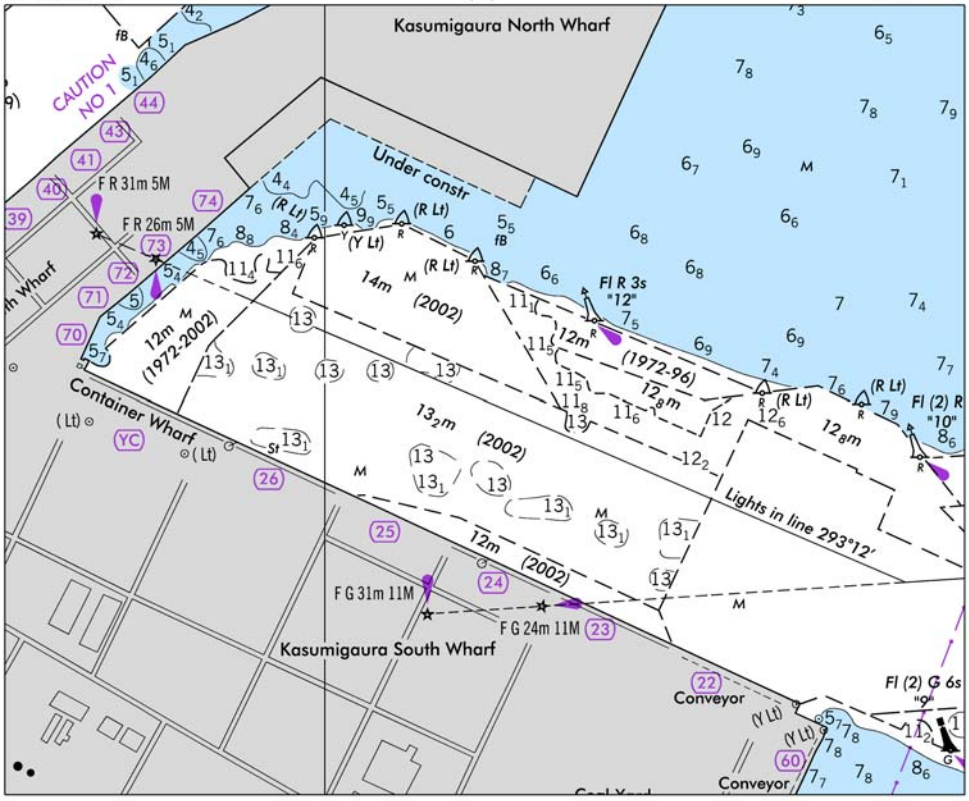

SHIZUOKA
Huzi
Suzukawa Wharf
Sekiyu Wharf
Maritime Office
Cus Ho
Yoshihara Wharf
Chuo Wharf
Silos
Conveyor
F G 20m 10M
Asahi Kasei Wharf
Maeda
Tago
CHY (35)
Sig Sta

Graphics

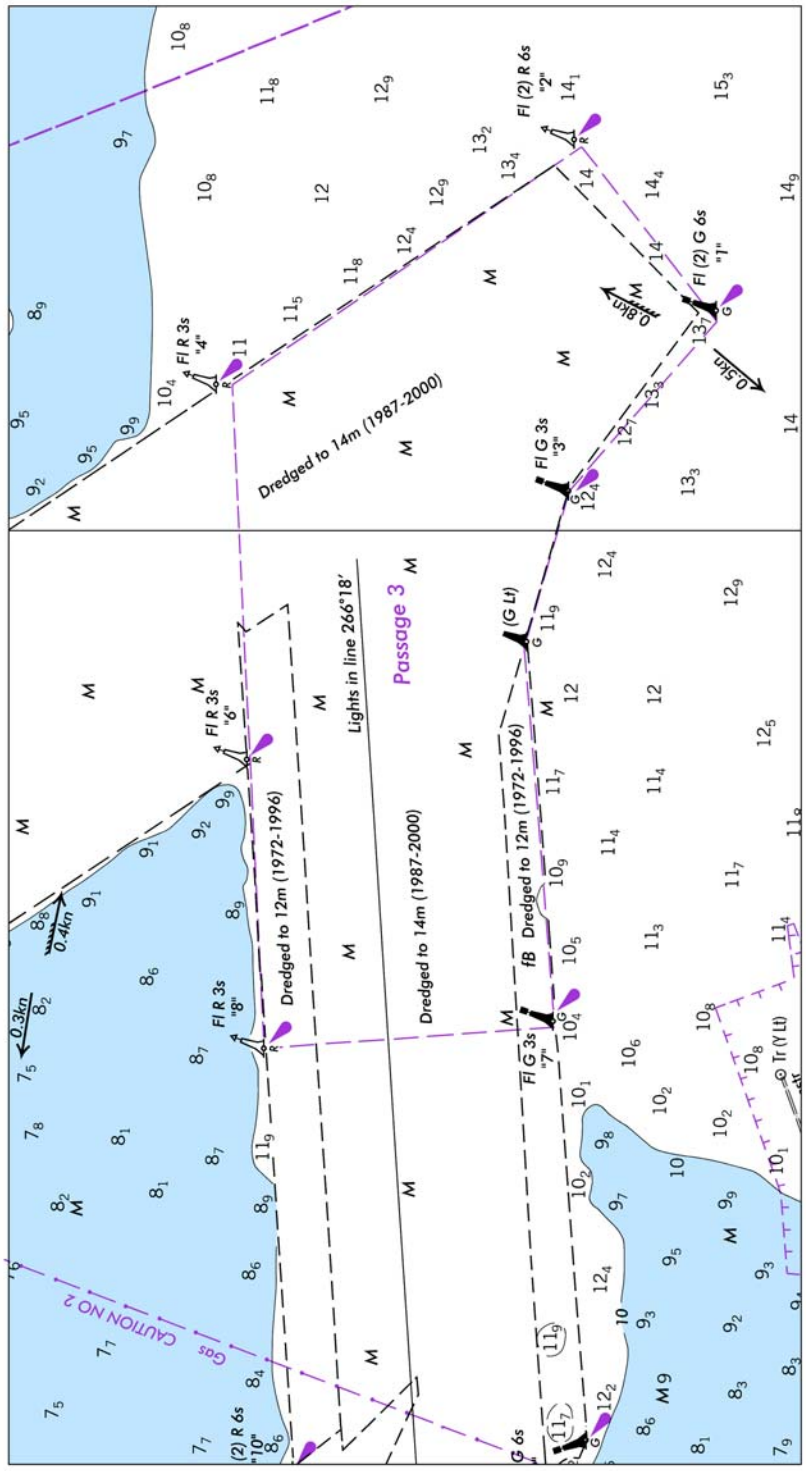
Chart 97165 (Plan B) NM 12/07



Graphics


Kasumigaura North Wharf
CAUTION NO 1
Under constr
F R 31m 5M
F R 26m 5M
(R Lt)
(Y Lt)
14m
(2002)
12m
(1972-2002)
Fl R 3s
"12"
12m
(1972-96)
12m
(R Lt)
Fl (2) R
"10"
Container Wharf
(Lt)
YC
13m
(2002)
Lights in line 293°12′
12m
(2002)
F G 31m 11M
F G 24m 11M
Kasumigaura South Wharf
Conveyor
Fl (2) G 6s
"G"
(Y Lt)
Conveyor

Graphics


Fl R 3s "4"
Dredged to 14m (1987-2000)
Fl G 3s "3"
Fl (2) G 6s "1"
Fl (2) R 6s "2"
0.8kn
0.5kn
Fl R 3s "6"
Dredged to 12m (1972-1996)
Lights in line 266°18′
Passage 3
(G Lt)
Dredged to 12m (1972-1996)
Dredged to 14m (1987-2000)
fB
Fl R 3s "8"
Fl G 3s "7"
0.4kn
0.3kn
Tr (Y Lt)
Gas CAUTION NO 2
(2) R 6s "10"
G 6s

Graphics

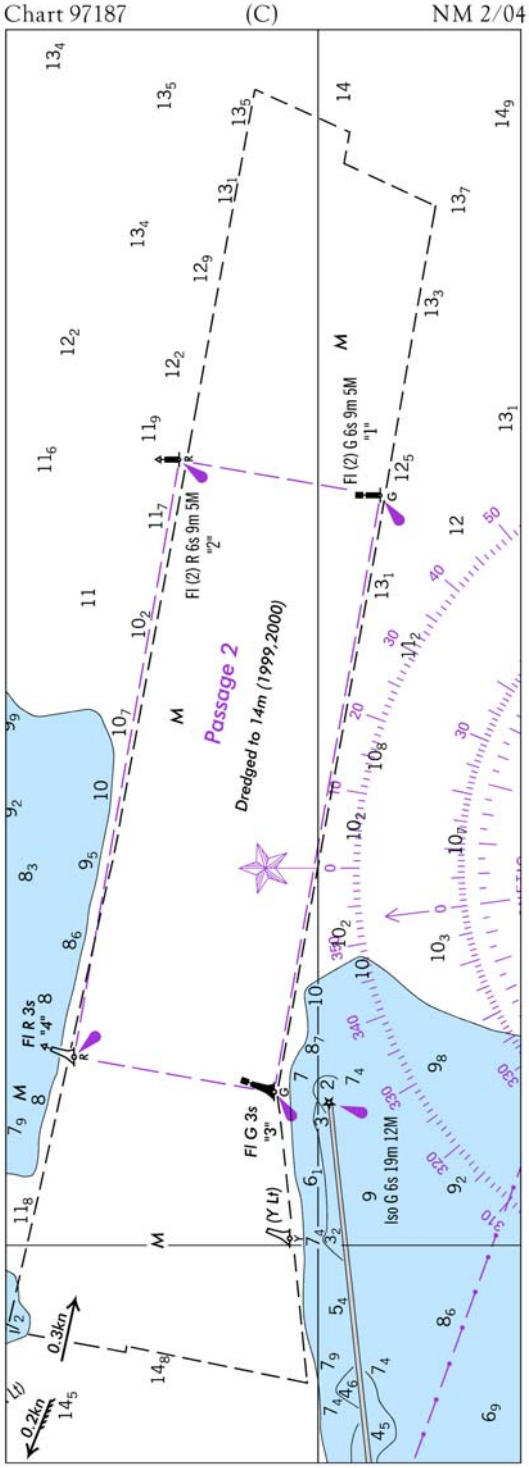
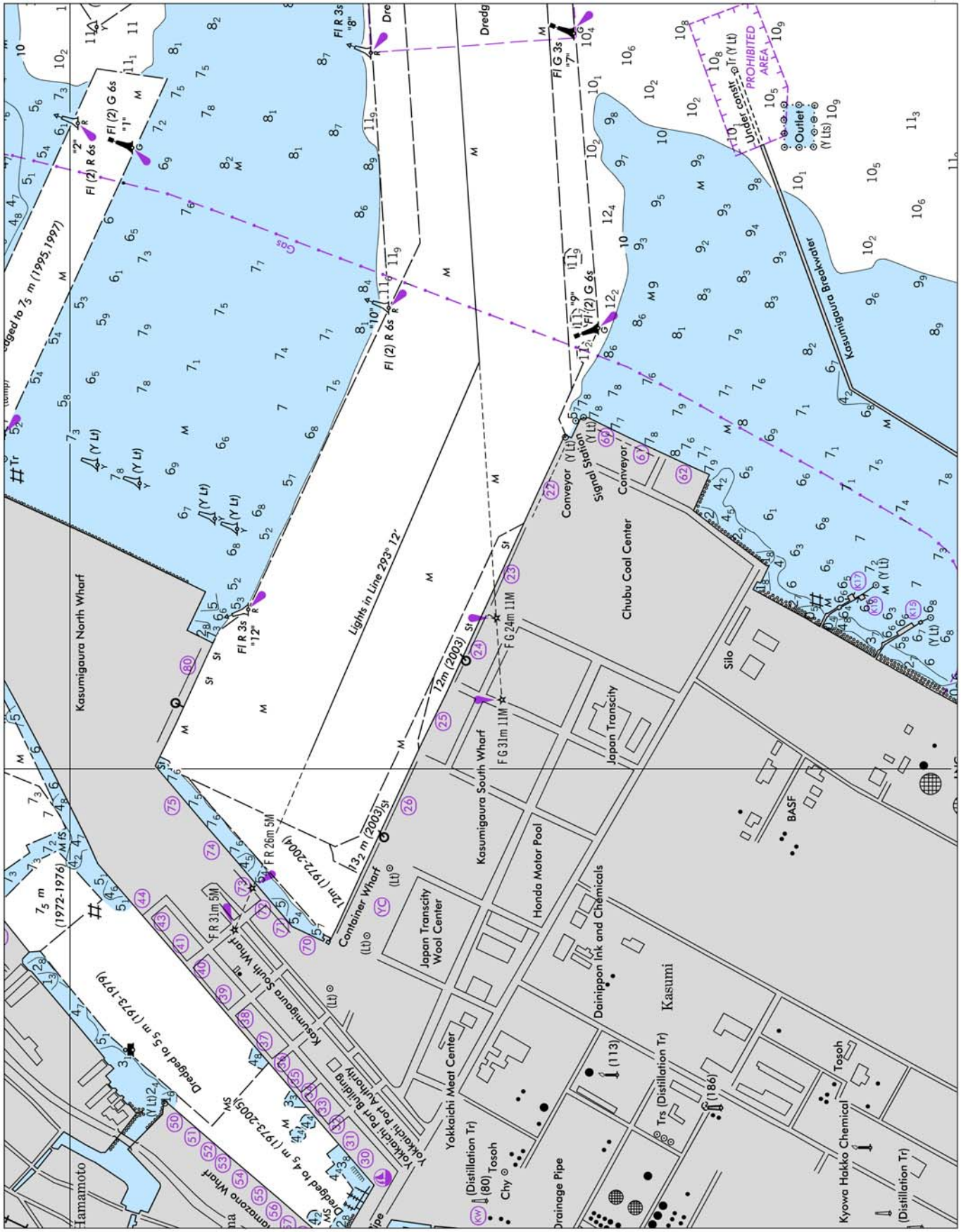
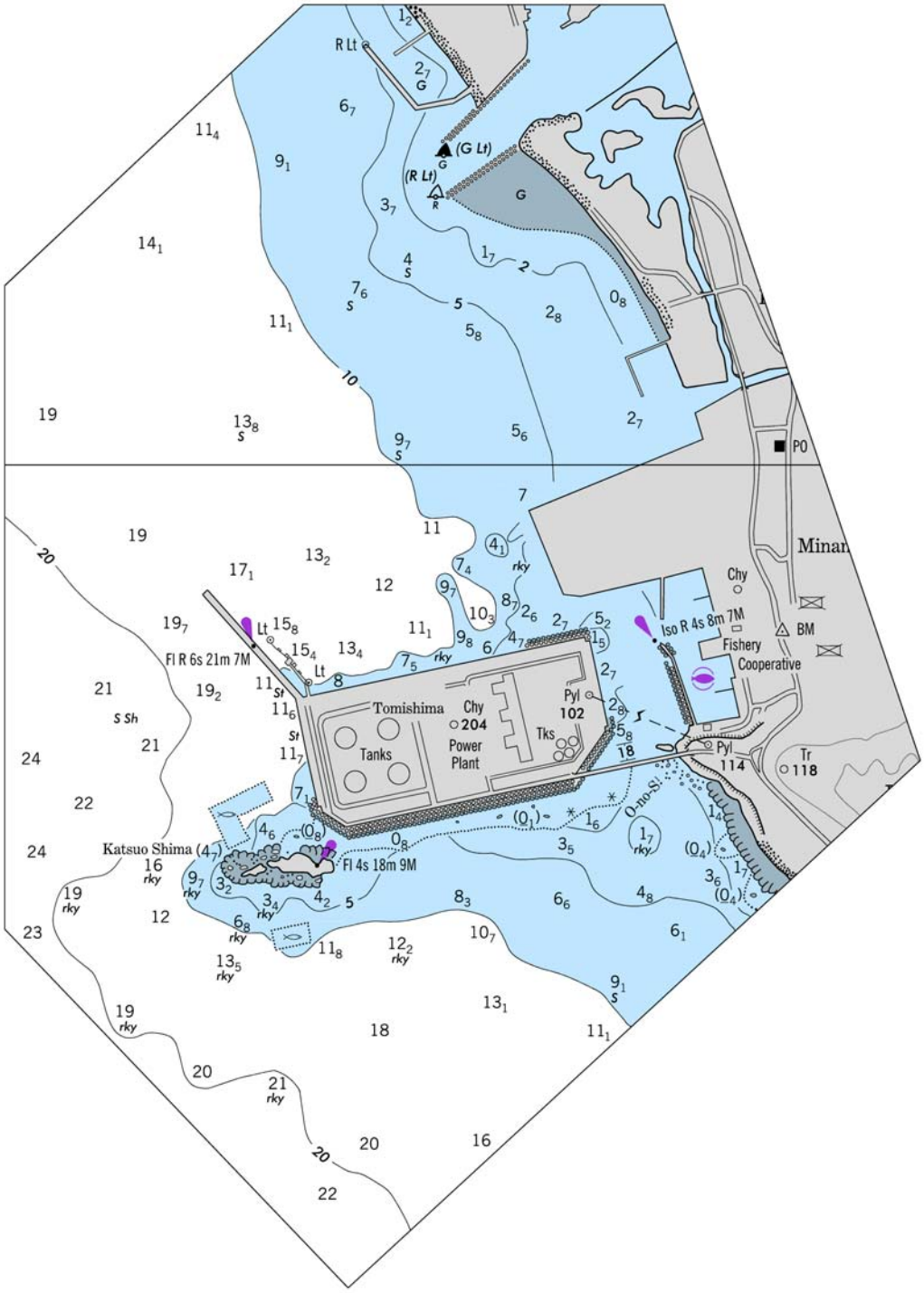


Chart 97187
(C)
NM 2/04
Passage 2
Dredged to 14m (1999,2000)
Fl (2) R 6s 9m 5M
"2"
Fl (2) G 6s 9m 5M
"1"
Fl R 3s
"4"
Fl G 3s
"3"
(Y Lt)
Iso G 6s 19m 12M
0.3kn
0.2kn

Graphics


Kasumigaura North Wharf
Lights in Line 293° 12'
Fl R 3s "12"
Fl (2) R 6s "10"
Fl (2) G 6s "9"
Fl G 3s "7"
Fl R 3s "8"
Fl (2) G 6s "1"
Fl (2) R 6s "2"
Dredged to 7.5 m (1995.1997)
Dredged to 5.5 m (1973-1979)
Dredged to 4.5 m (1973-2005)
7.5 m (1972-1976)
12m (1972-2004)
12m (2003)
13.2 m (2003)
F R 26m 5M
F R 3.1m 5M
F G 31m 11M
F G 24m 11M
Kasumigaura South Wharf
Container Wharf
Japan Transcity Wool Center
Honda Motor Pool
Japan Transcity
Chubu Coal Center
Silo
BASF
Dainippon Ink and Chemicals
Kasumi
Yokkaichi Meat Center
Yokkaichi Port Building
Yokkaichi Port Authority
Kasumigaura South Wharf
Tamozono Wharf
Hamamoto
Drainage Pipe
Kyowa Hakko Chemical
Tosoh
Signal Station
Conveyor
Kasumigaura Breakwater
Under const.
PROHIBITED AREA
Outlet
Gas

Graphics


R Lt
(G Lt)
(R Lt)
PO
Minan
Chy
BM
Iso R 4s 8m 7M
Fishery
Cooperative
Fl R 6s 21m 7M
Lt
Tomishima
Tanks
Chy
204
Power
Plant
Tks
Pyl
102
Pyl
114
Tr
118
O-no-Sl
Katsuo Shima
Fl 4s 18m 9M

Graphics

Chart 97219 NM 4/06

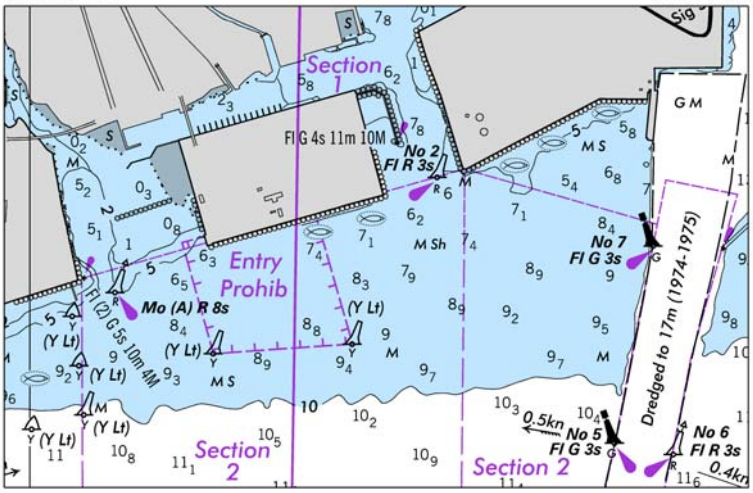
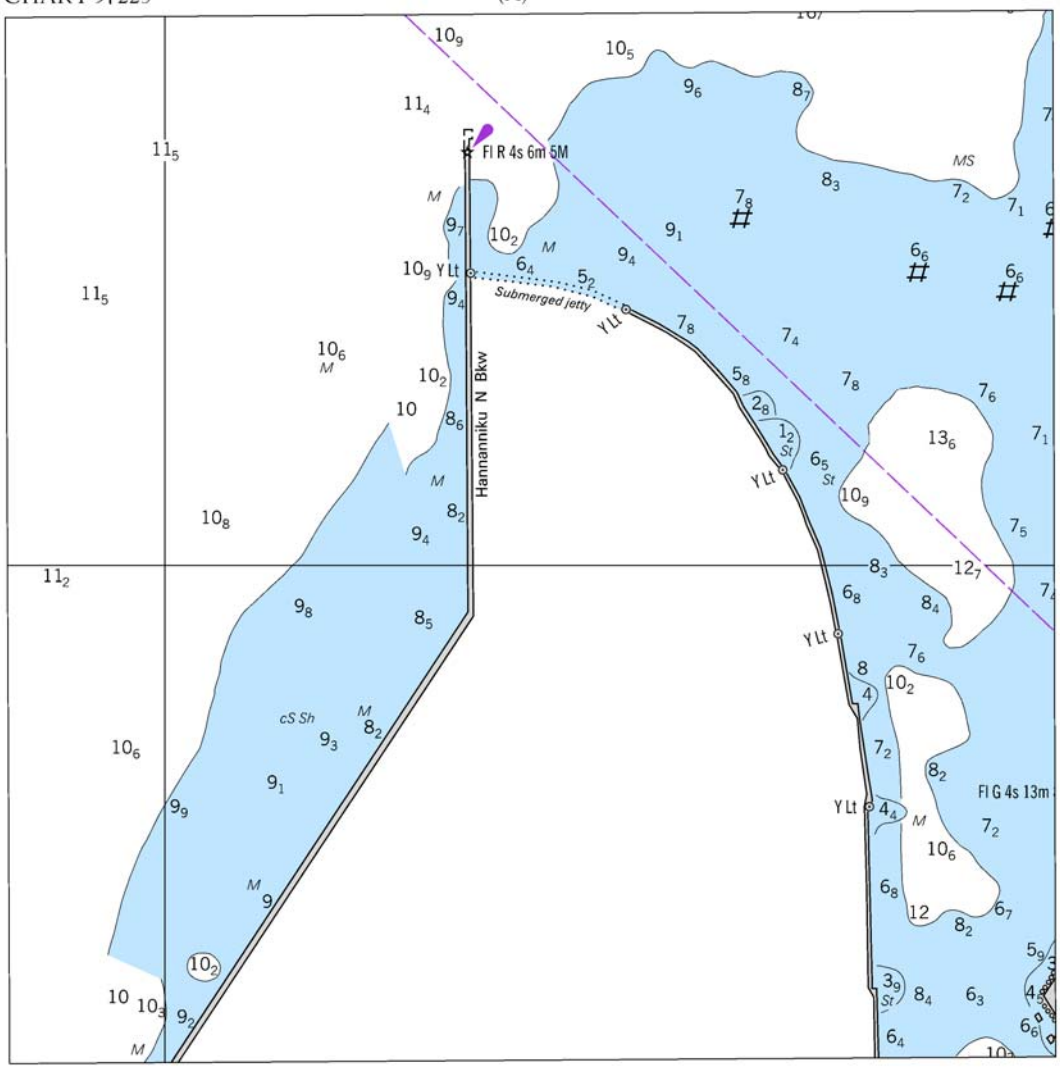
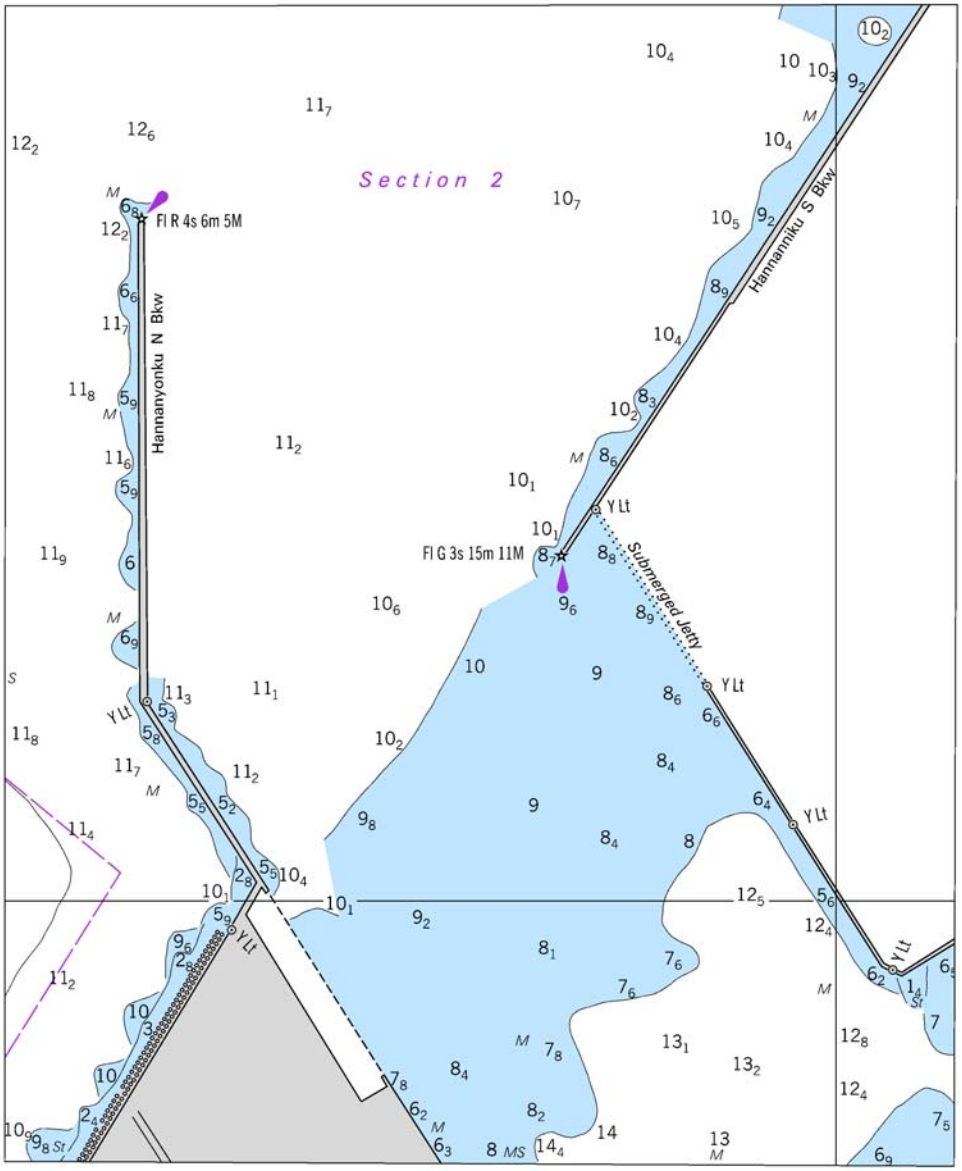


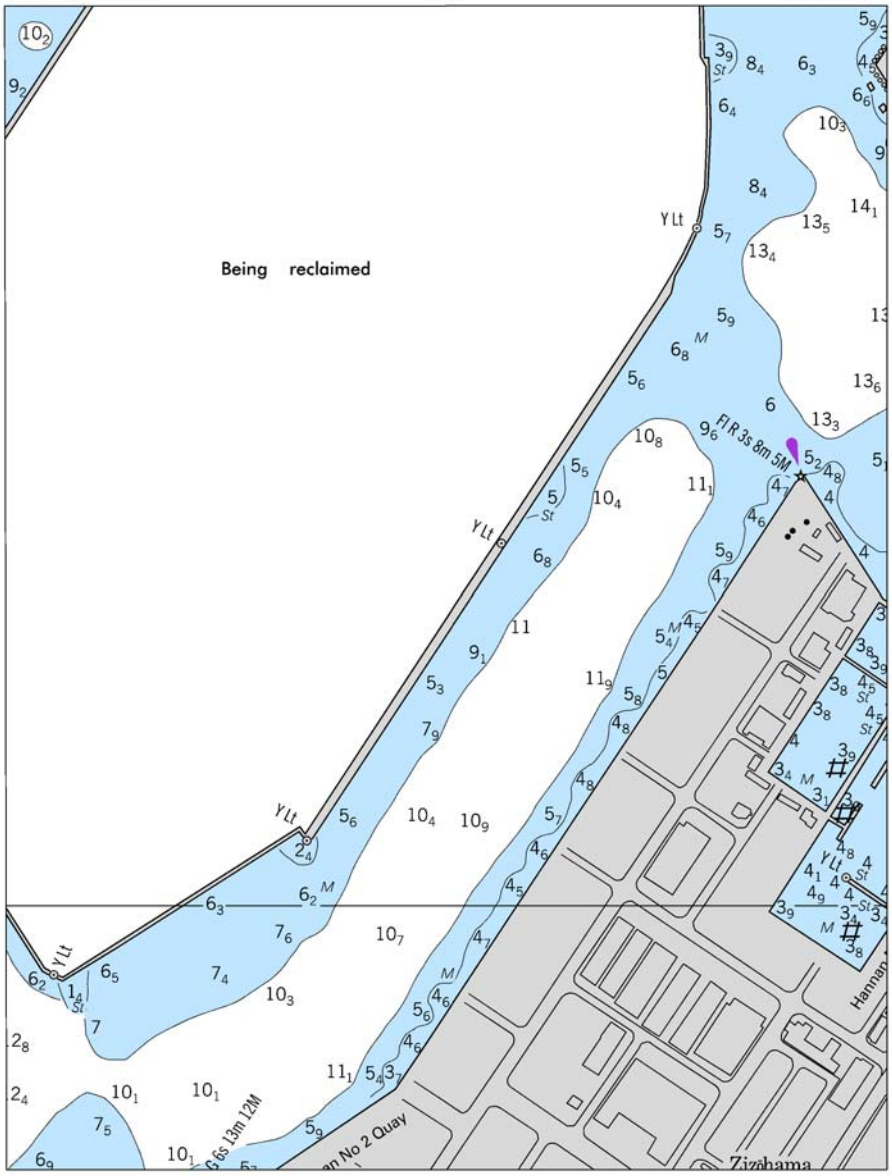
CHART 97223 (A) NM 28/00



Graphics


Section 2
Fl R 4s 6m 5M
Hannanyonku N Bkw
Hannanniku S Bkw
Fl G 3s 15m 11M
Submerged Jetty
Y Lt

Graphics



Graphics

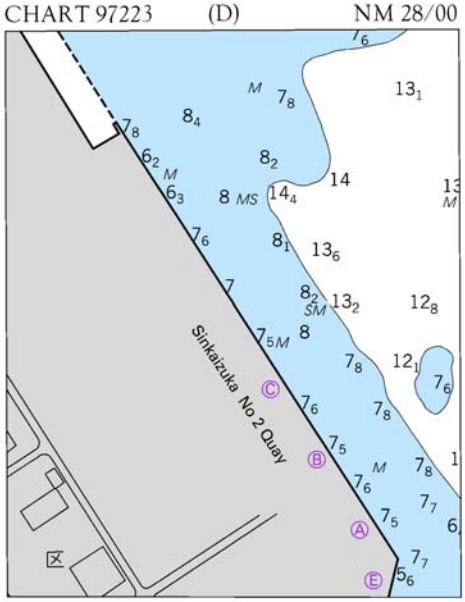


CHART 97223
(D)
NM 28/00
Sinkaizuka No 2 Quay

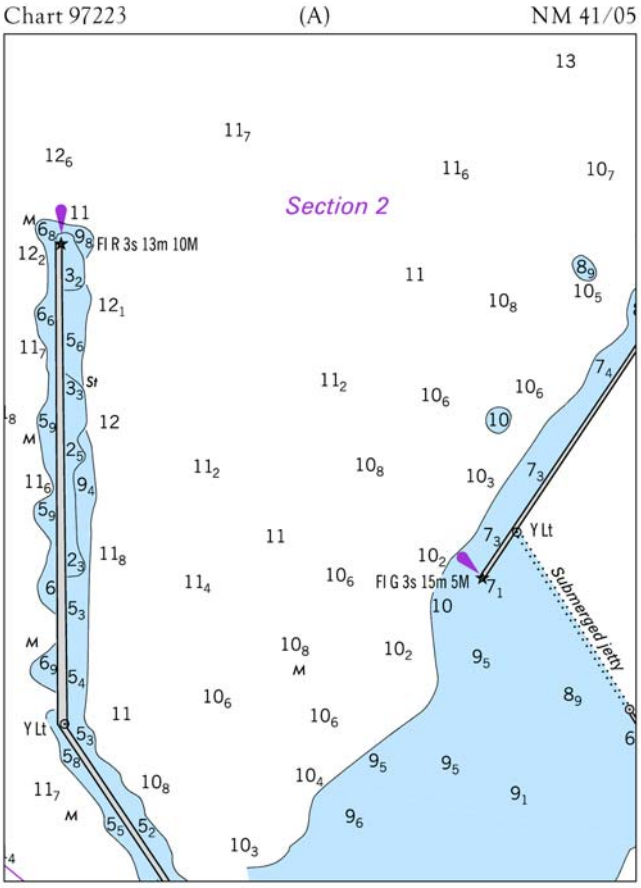
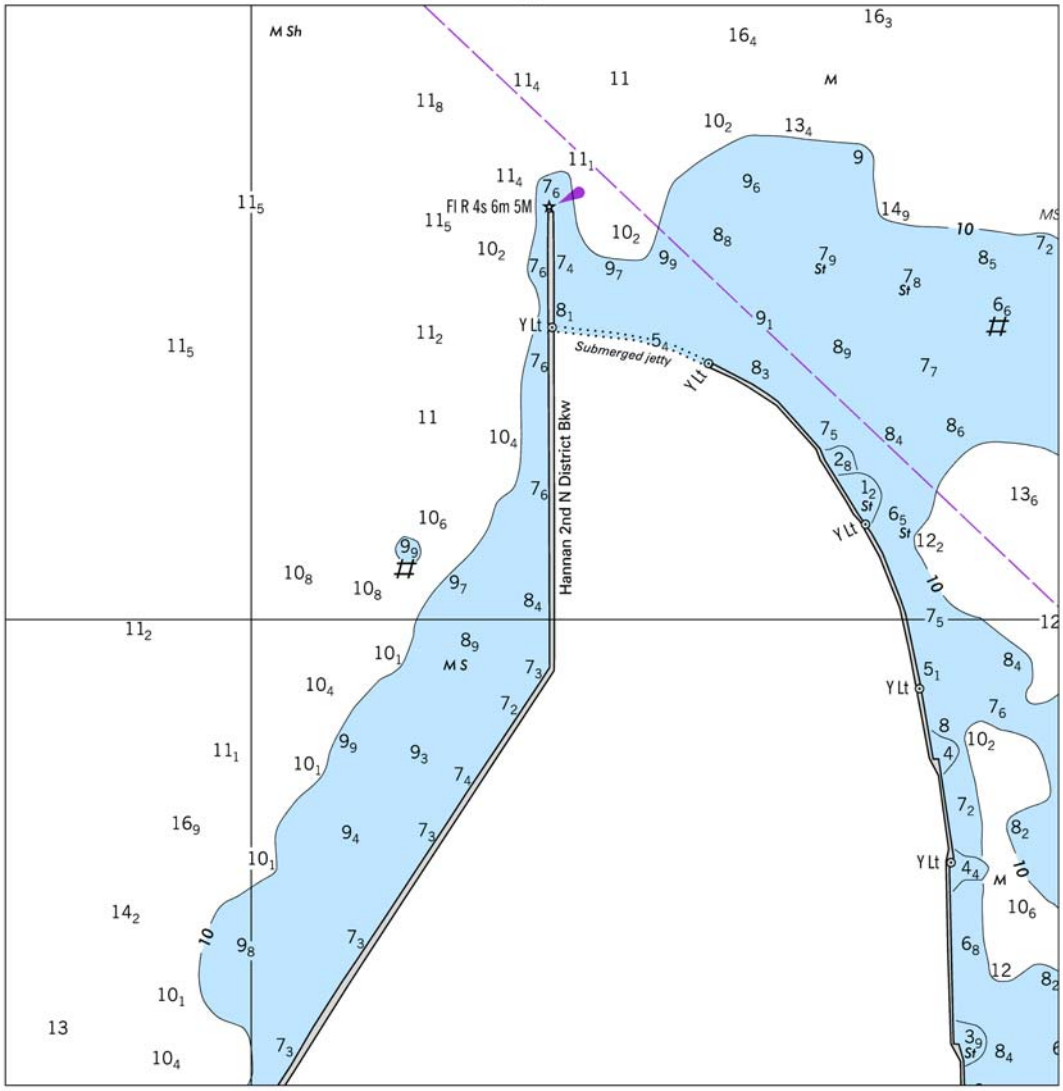


Chart 97223
(A)
NM 41/05
Section 2
Fl R 3s 13m 10M
Fl G 3s 15m 5M
Y Lt
Submerged Jetty


M Sh
Fl R 4s 6m 5M
Y Lt
Submerged jetty
Hannan 2nd N District Bkw
M S
M
St

Graphics

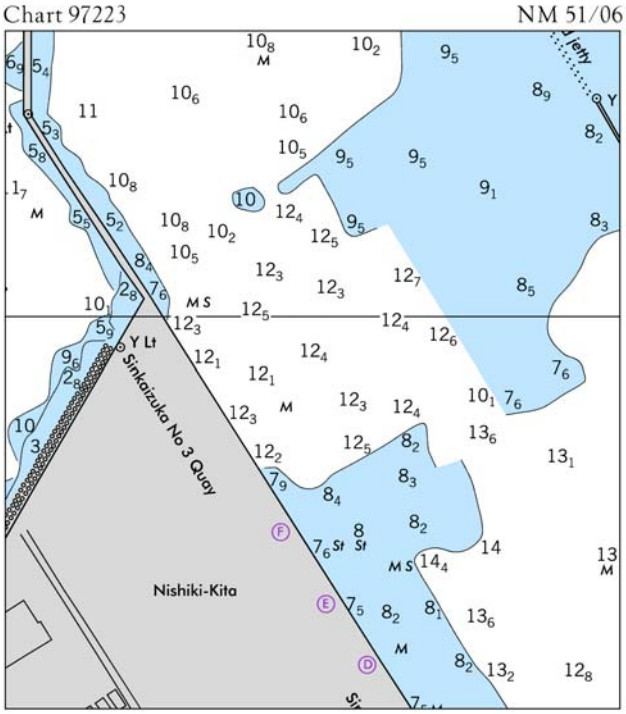
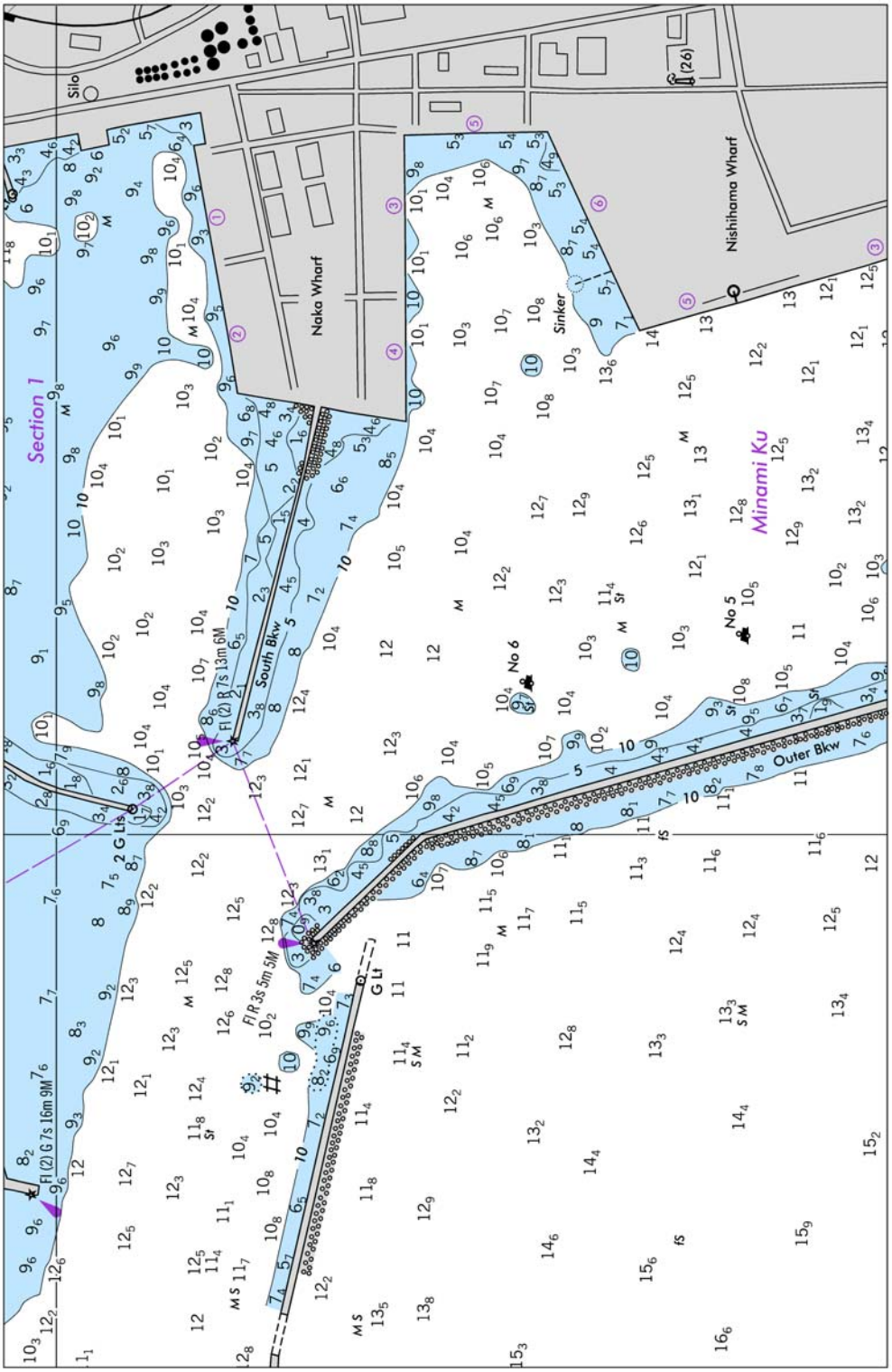
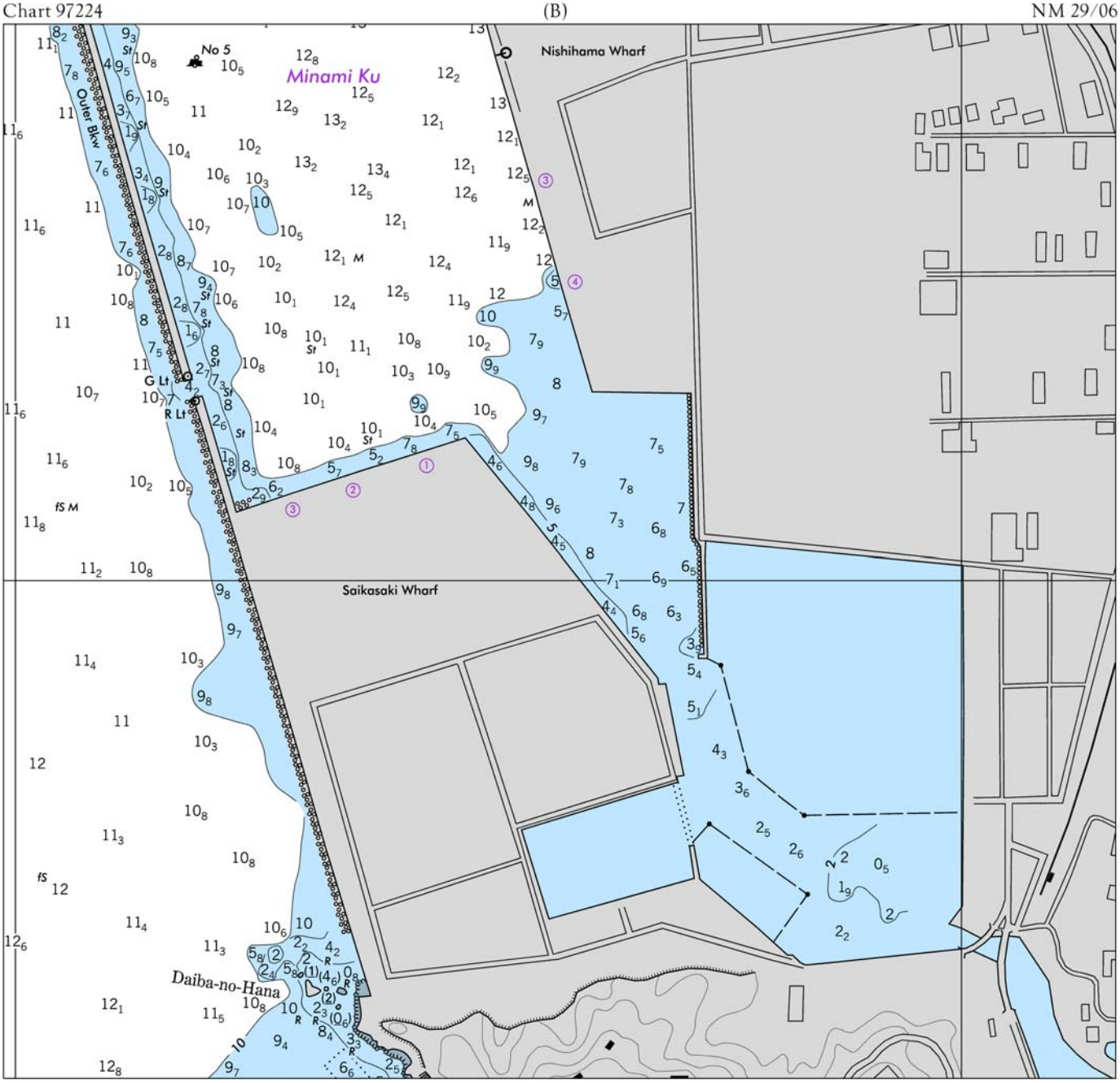


Chart 97223
NM 51/06
Jetty
Y
Y Lt
Sinkaizuka No 3 Quay
Nishiki-Kita

Graphics


Silo
Section 1
Naka Wharf
Nishihama Wharf
Sinker
Minami Ku
South Bkw
Outer Bkw
No 5
No 6
Fl (2) G 7s 16m 9M
Fl (2) R 7s 13m 6M
Fl R 3s 5m 5M
2 G Lts
G Lt
(26)

Graphics


Minami Ku
Nishihama Wharf
Saikasaki Wharf
Daiba-no-Hana
Outer Bkw
No 5
G Lt
R Lt

Graphics

Chart 97224 (C) NM 29/06

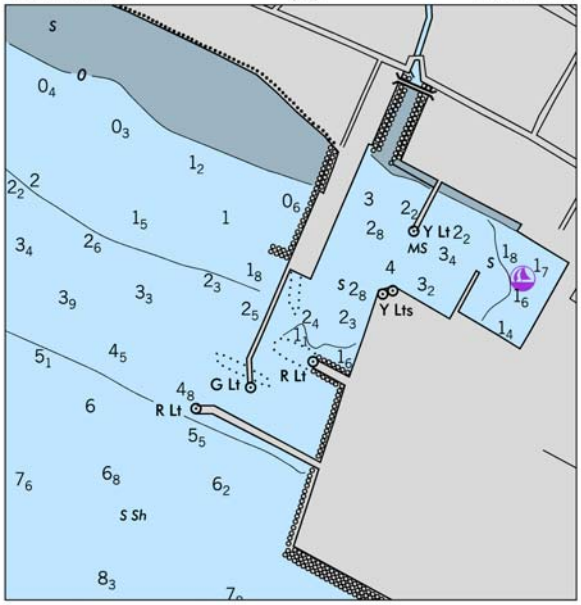
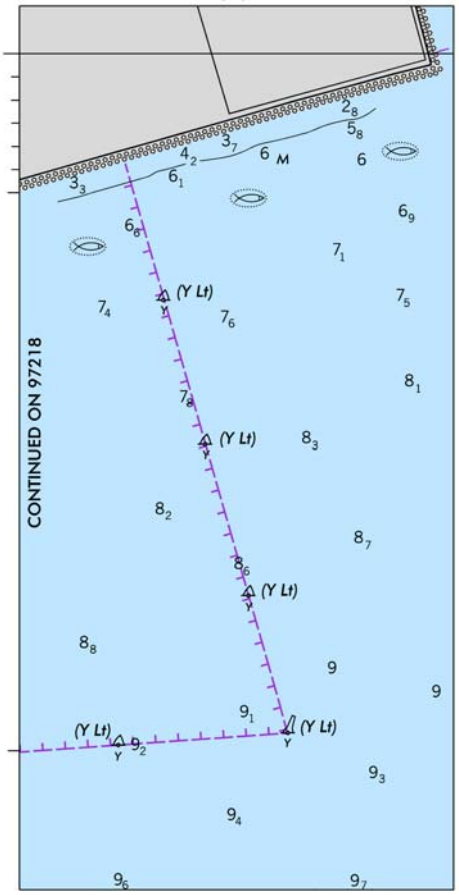
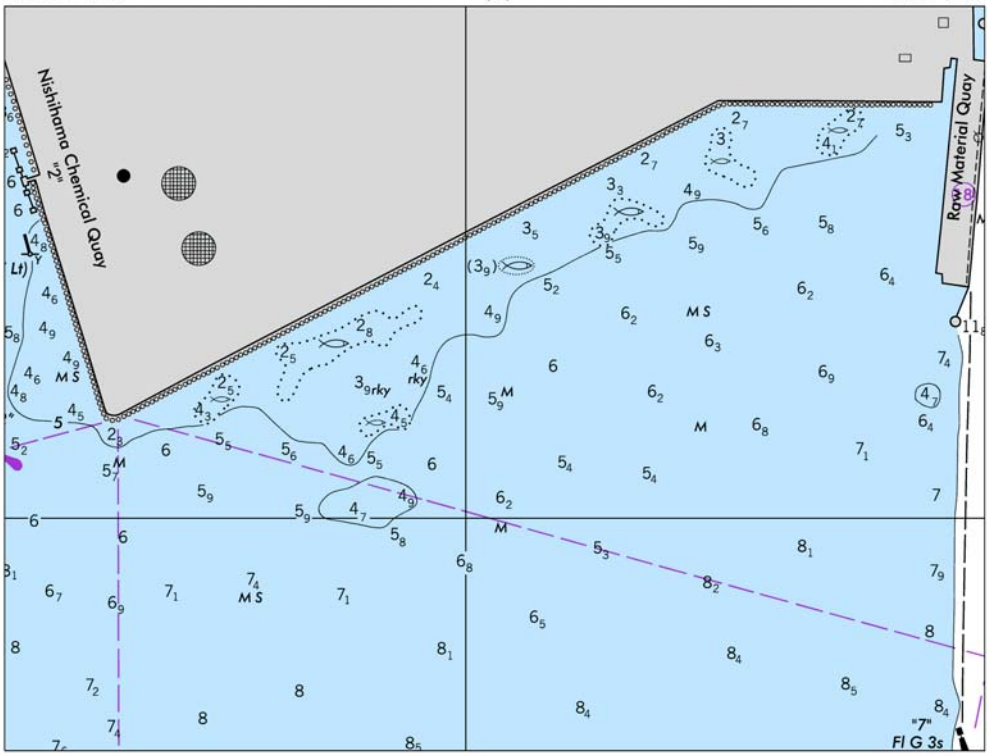


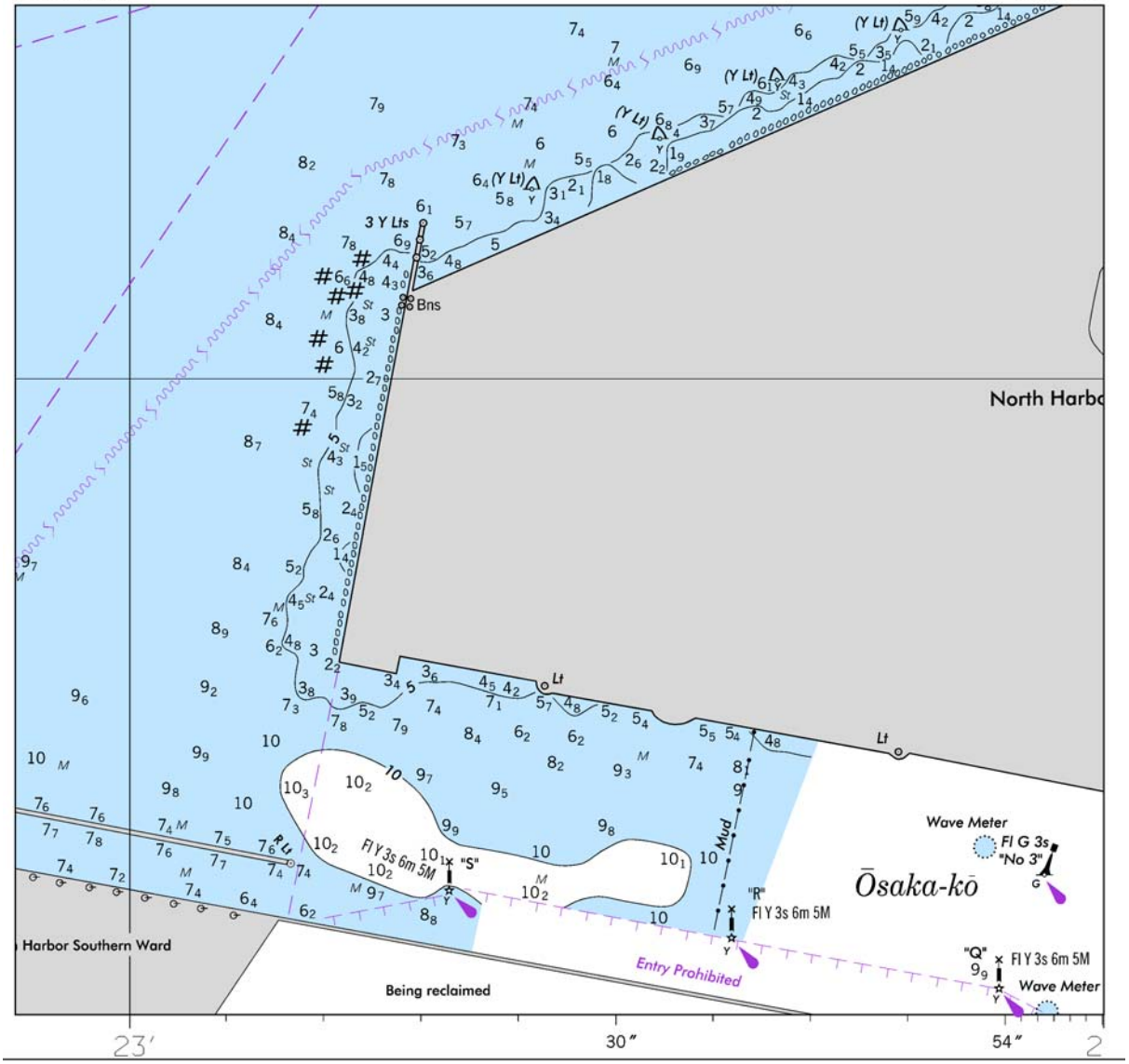
Chart 97231 (A) NM 4/06



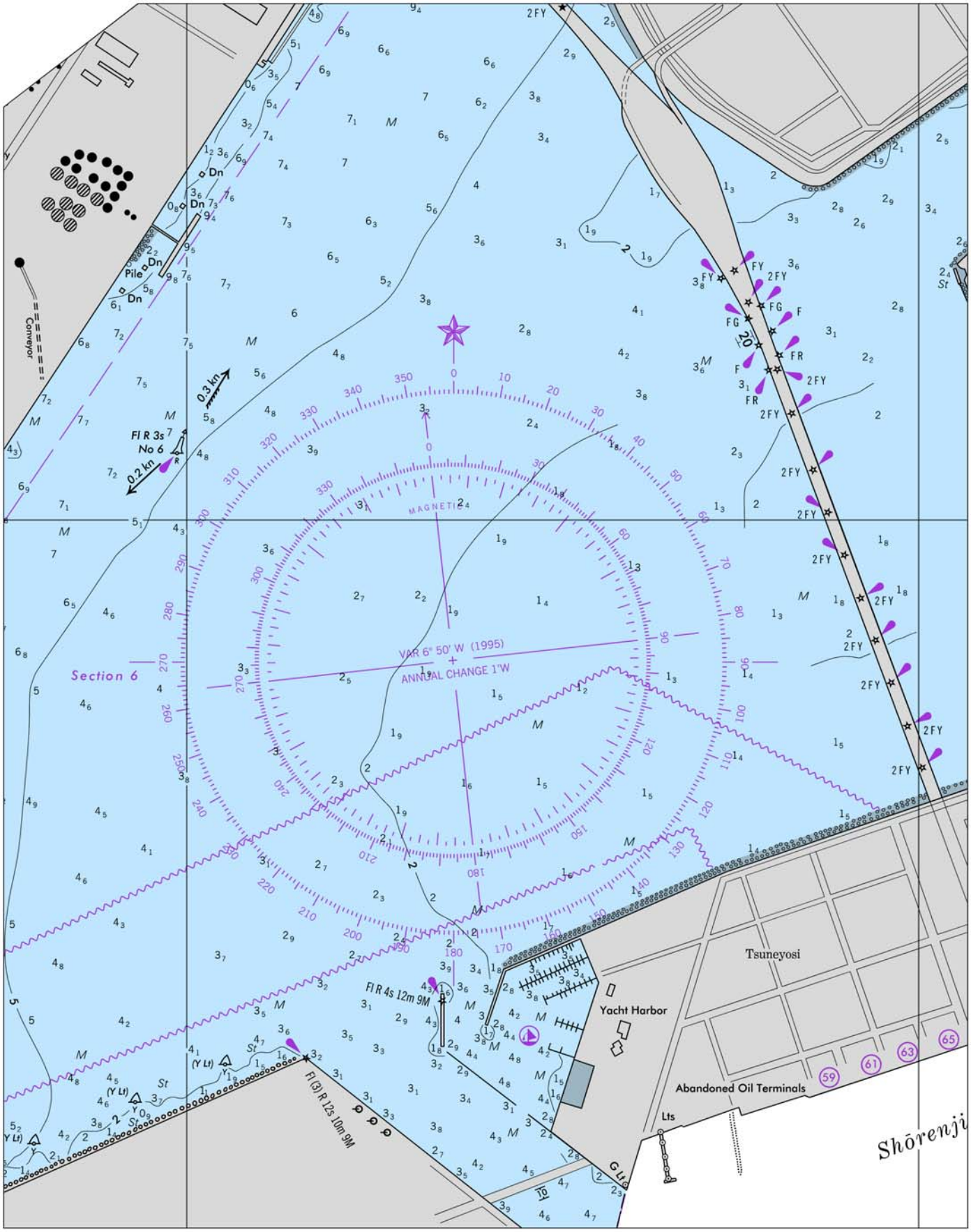
Graphics



Graphics


North Harbo
3 Y Lts
Bns
Lt
Lt
Wave Meter
Fl G 3s
"No 3"
Ōsaka-kō
"R"
Fl Y 3s 6m 5M
"S"
Fl Y 3s 6m 5M
Mud
Entry Prohibited
"Q"
Fl Y 3s 6m 5M
Wave Meter
Harbor Southern Ward
Being reclaimed
23′
30″
54″
2

Graphics


Section 6
VAR 6° 50' W (1995)
ANNUAL CHANGE 1'W
MAGNETIC
Fl R 3s
No 6
0.3 kn
0.2 kn
Fl R 4s 12m 9M
Fl (3) R 12s 10m 9M
Yacht Harbor
Tsuneyosi
Abandoned Oil Terminals
Lts
Shōrenji
Conveyor
Pile
Dn
2FY
FY
FG
FR
F
(Y Lt)
G Lt

Graphics

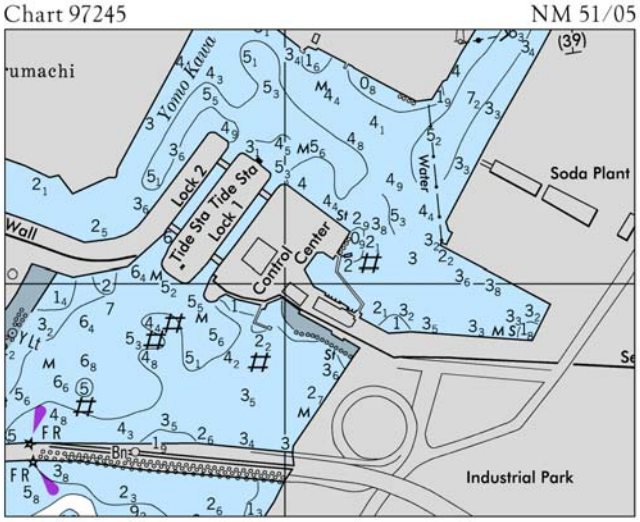
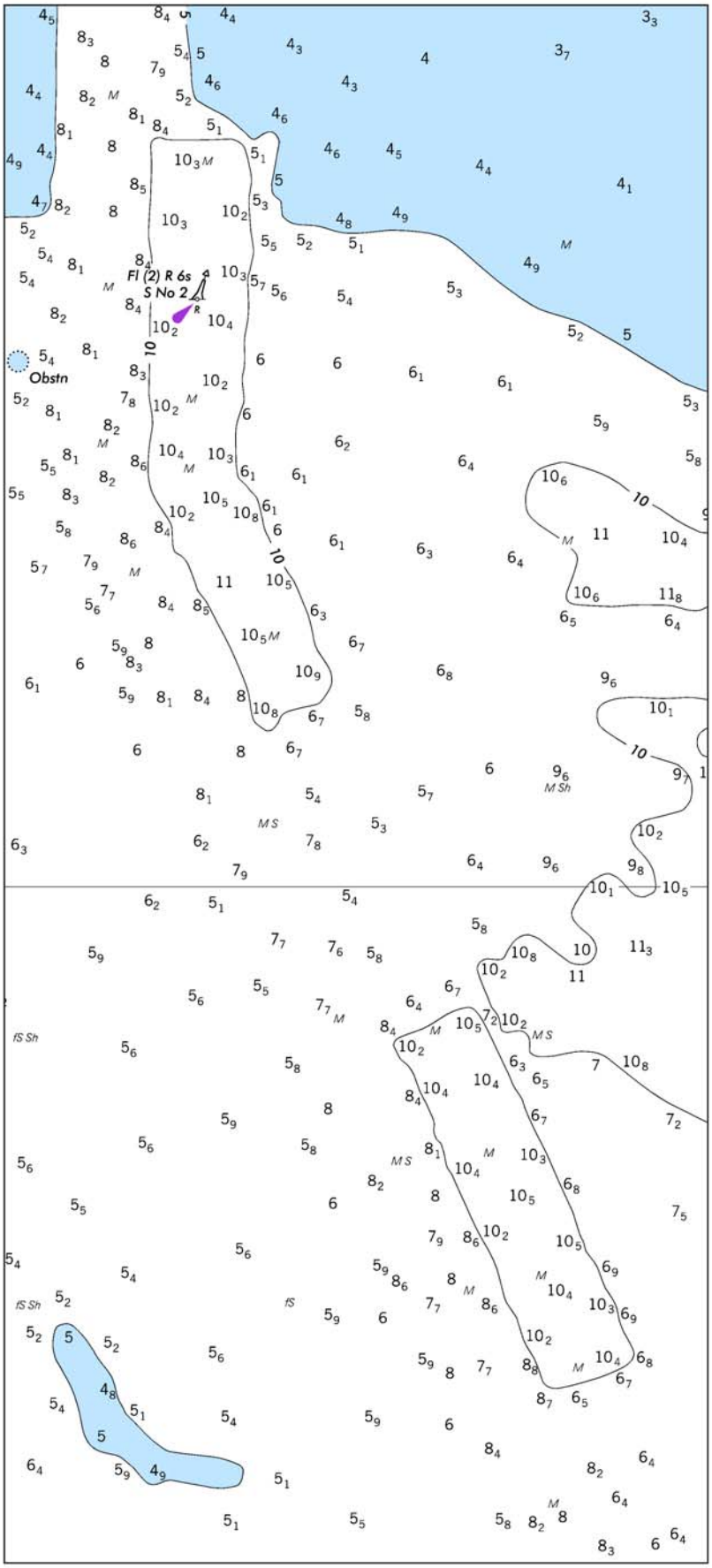
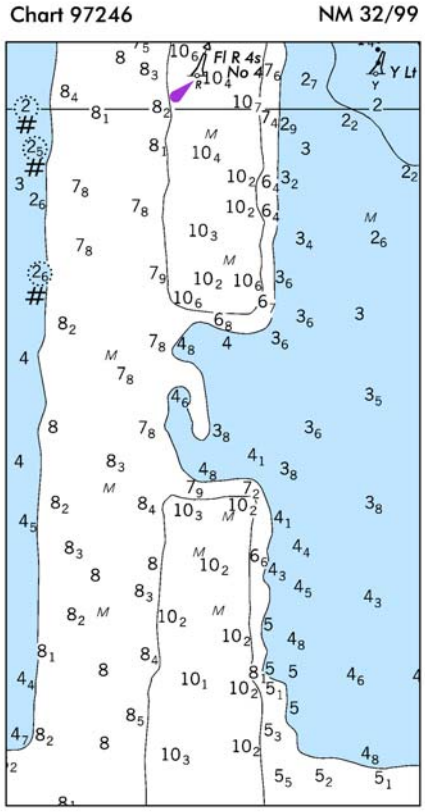


Chart 97245
NM 51/05
Yono Kawa
Lock 2
Tide Sta
Tide Sta
Lock 1
Control Center
Water
Soda Plant
Wall
Industrial Park
FR
Bn

Graphics



Graphics



Graphics

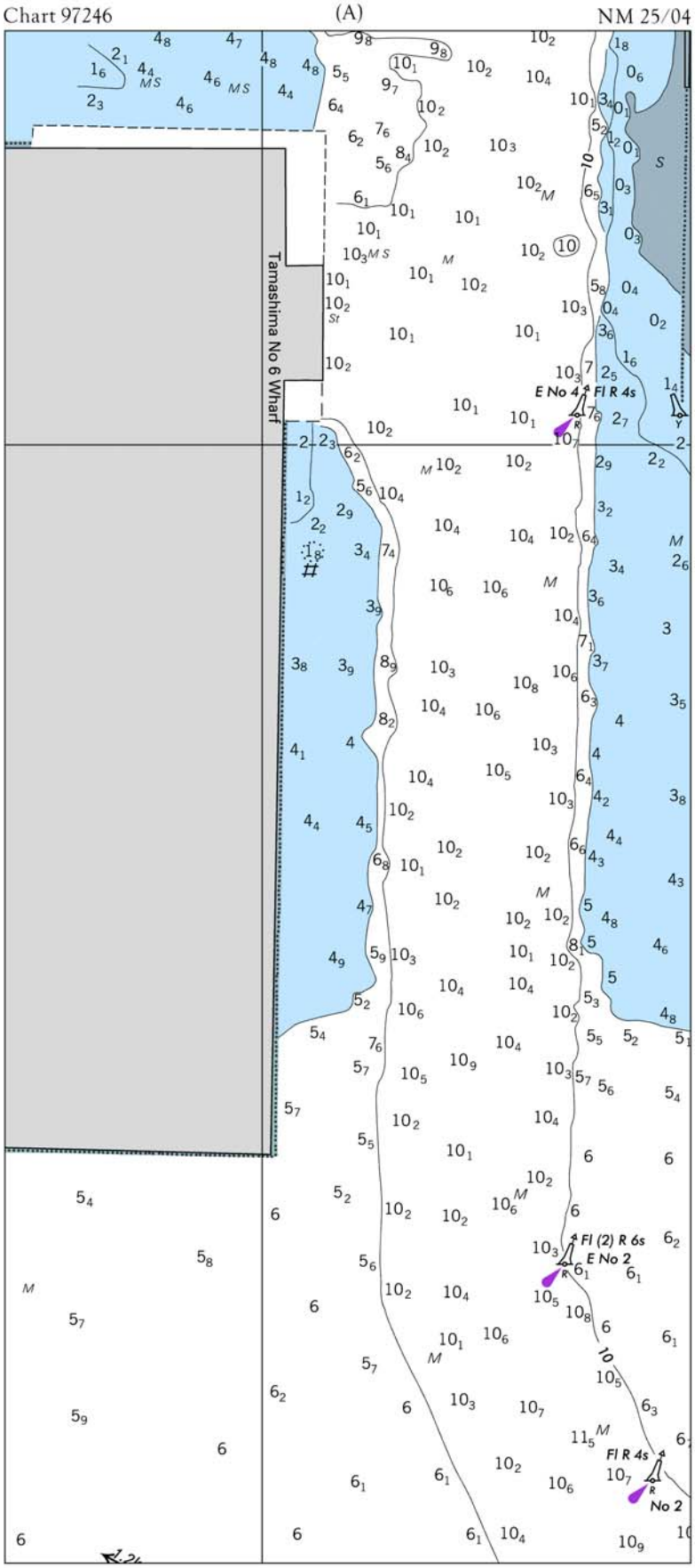
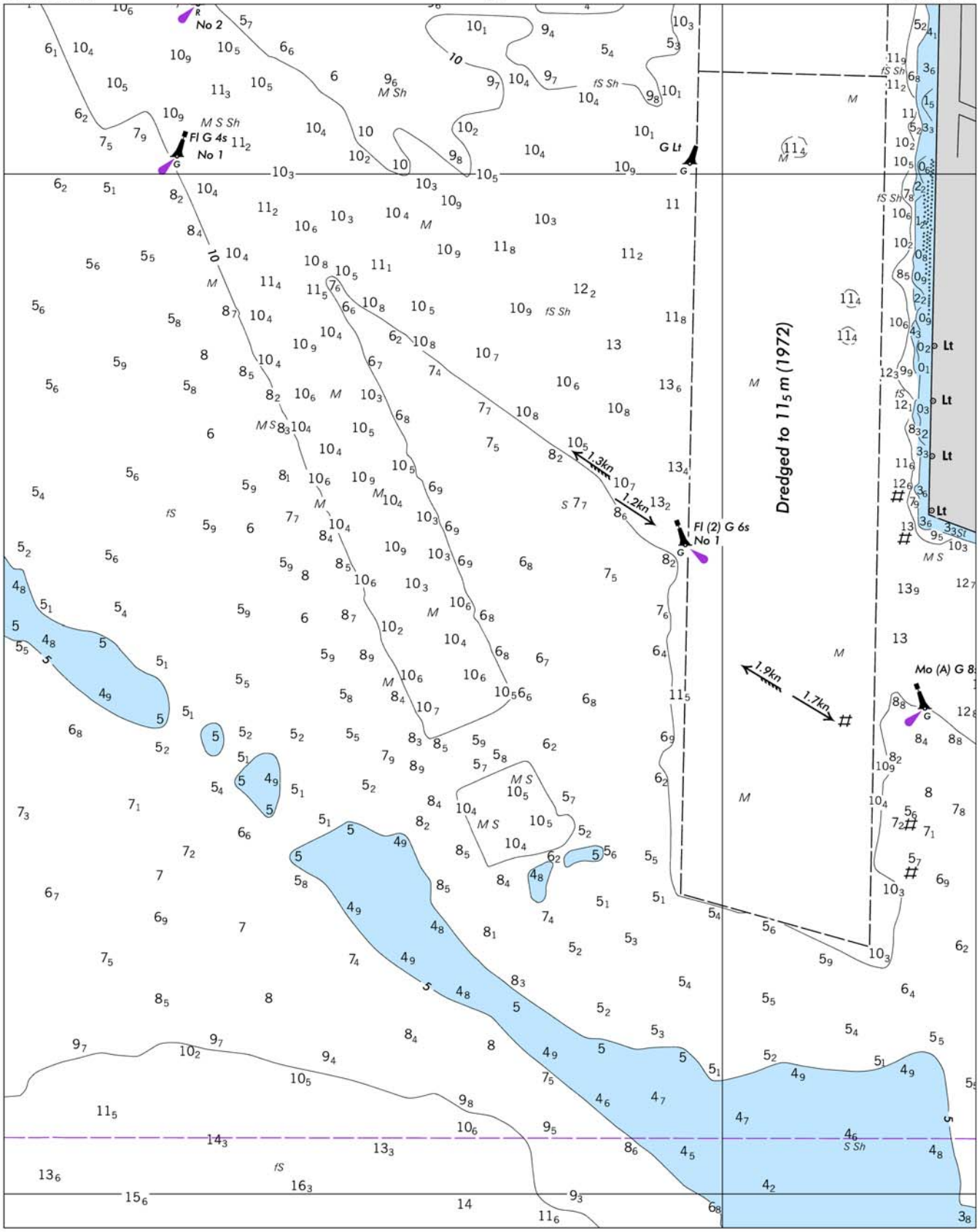


Chart 97246
(A)
NM 25/04
Tamashima No 6 Wharf
E No 4
Fl R 4s
Fl (2) R 6s
E No 2
Fl R 4s
No 2

Graphics


No 2
Fl G 4s
No 1
G Lt
Dredged to 11 5 m (1972)
Fl (2) G 6s
No 1
Mo (A) G 8
1.3kn
1.2kn
1.9kn
1.7kn
Lt
Lt
Lt
Lt

Graphics

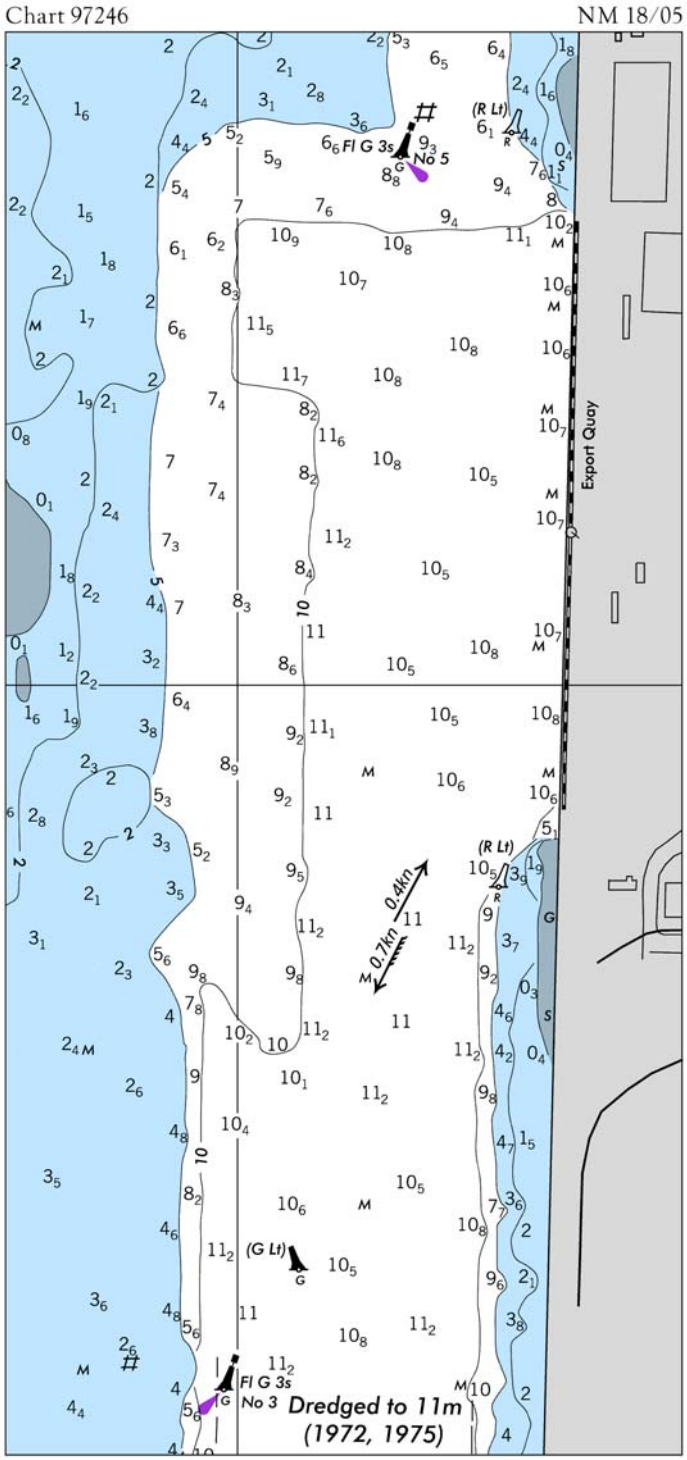
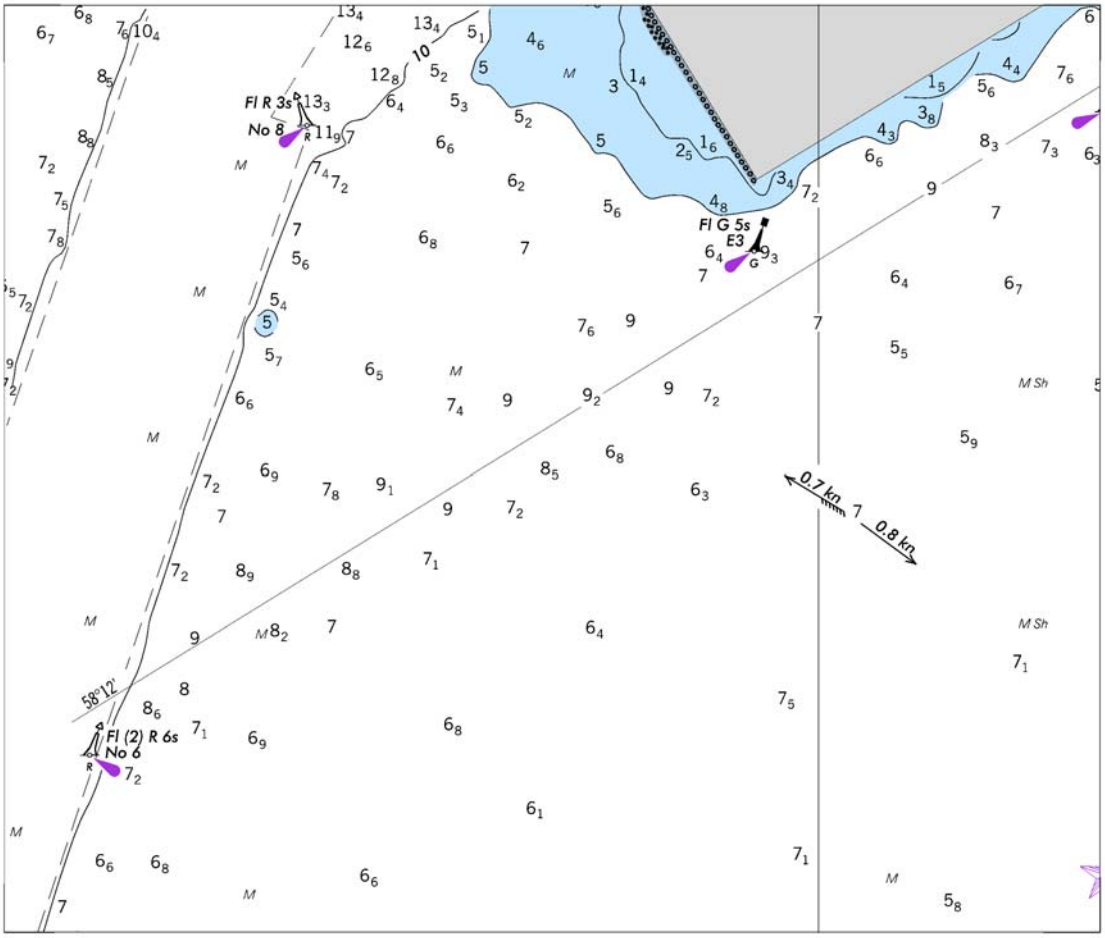


Chart 97246
NM 18/05
Fl G 3s
No 5
(R Lt)
Export Quay
0.4kn
0.7kn
(G Lt)
Fl G 3s
No 3
Dredged to 11m
(1972, 1975)

Graphics

Chart 97251 (A) NM 32/99



Graphics

Chart 97251 (B) NM 32/99

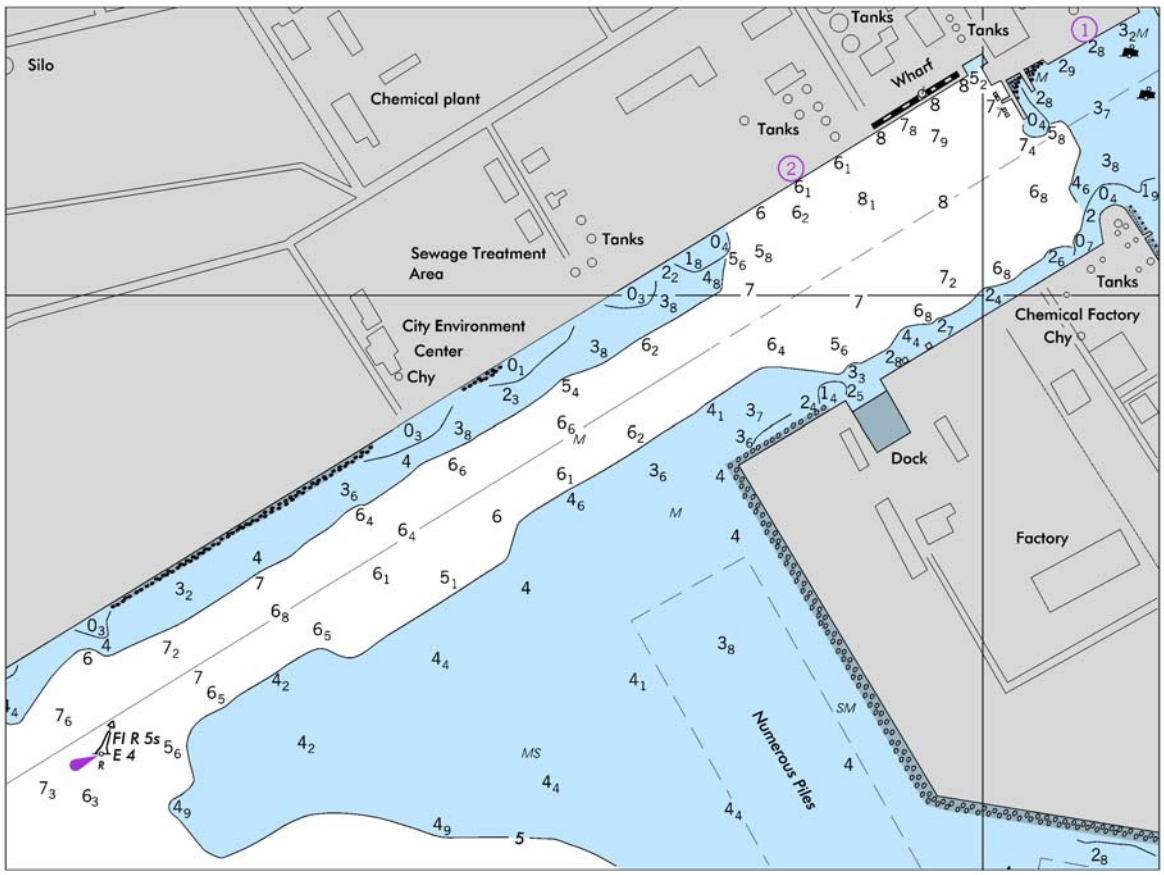


Chart 97251 (C) NM 32/99

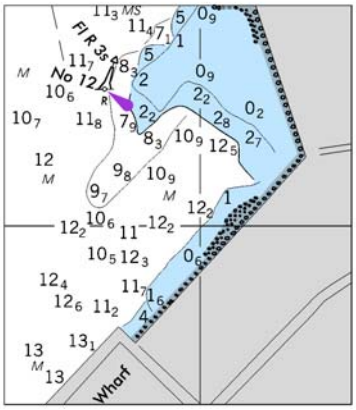


Chart 97251 NM 6/00

CAUTION

Depths of up to 0.8 meter less than charted may exist in the area.

Graphics

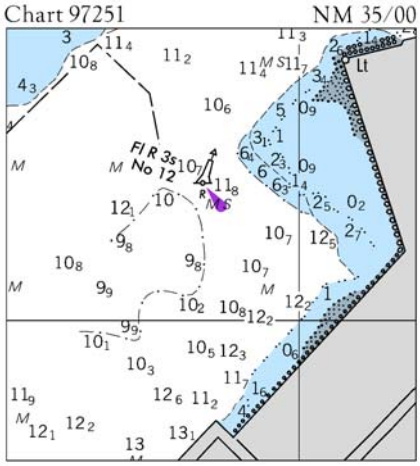


Chart 97251
NM 35/00
Fl R 3s
No 12
Lt

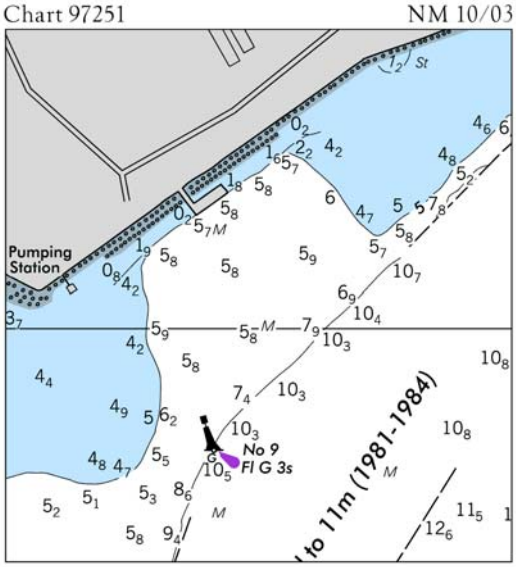


Chart 97251
NM 10/03
Pumping Station
No 9
Fl G 3s
to 11m (1981-1984)

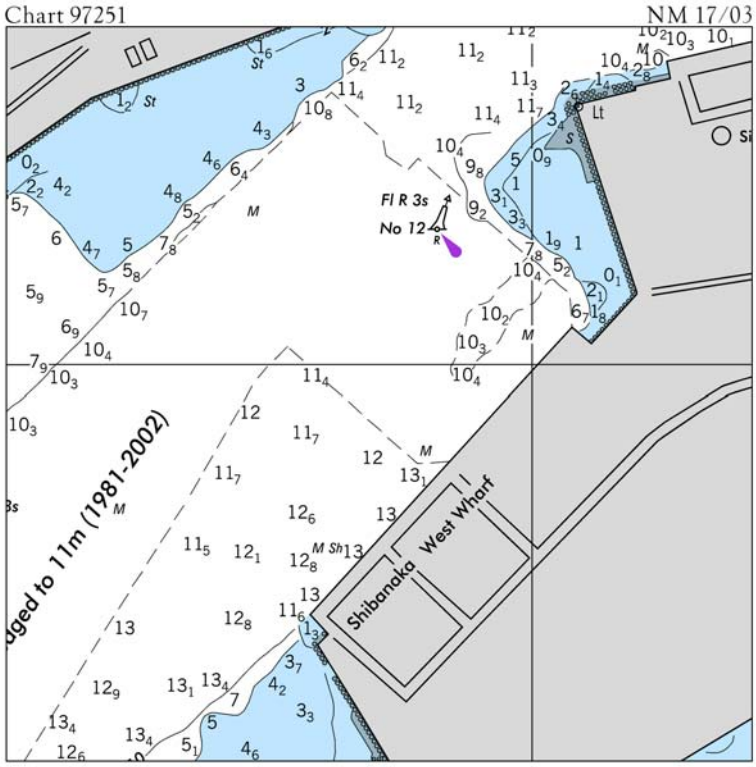


Chart 97251
NM 17/03
Fl R 3s
No 12
Shibanaka West Wharf
ged to 11m (1981-2002)

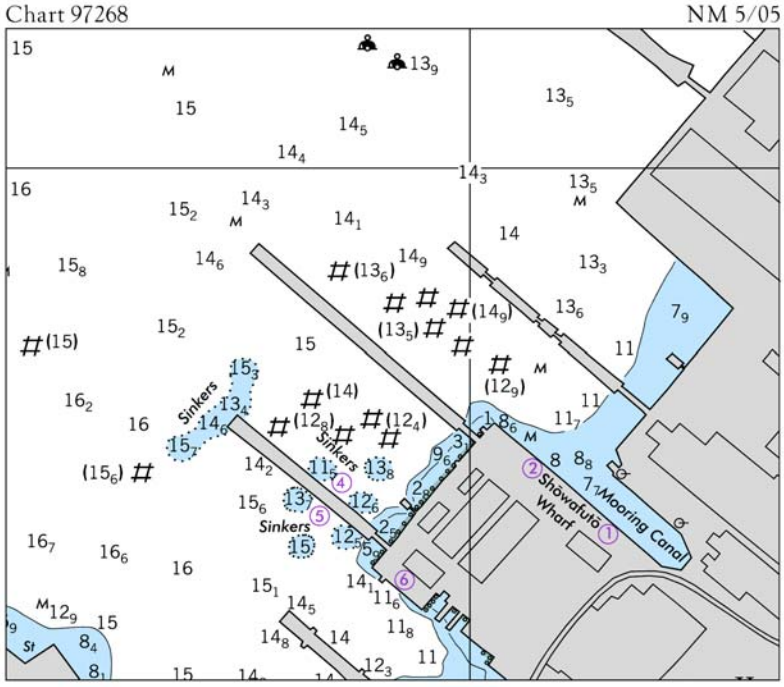
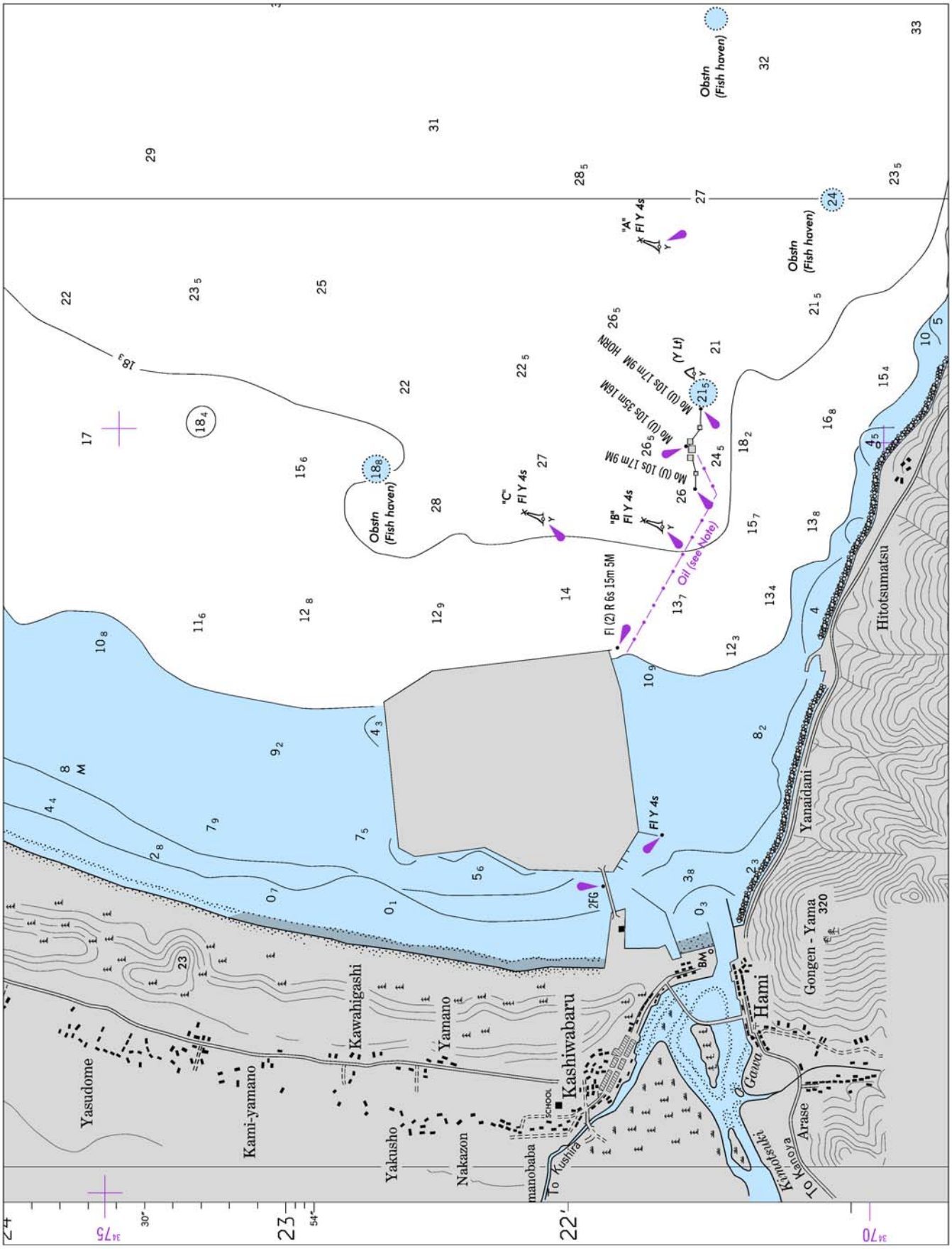
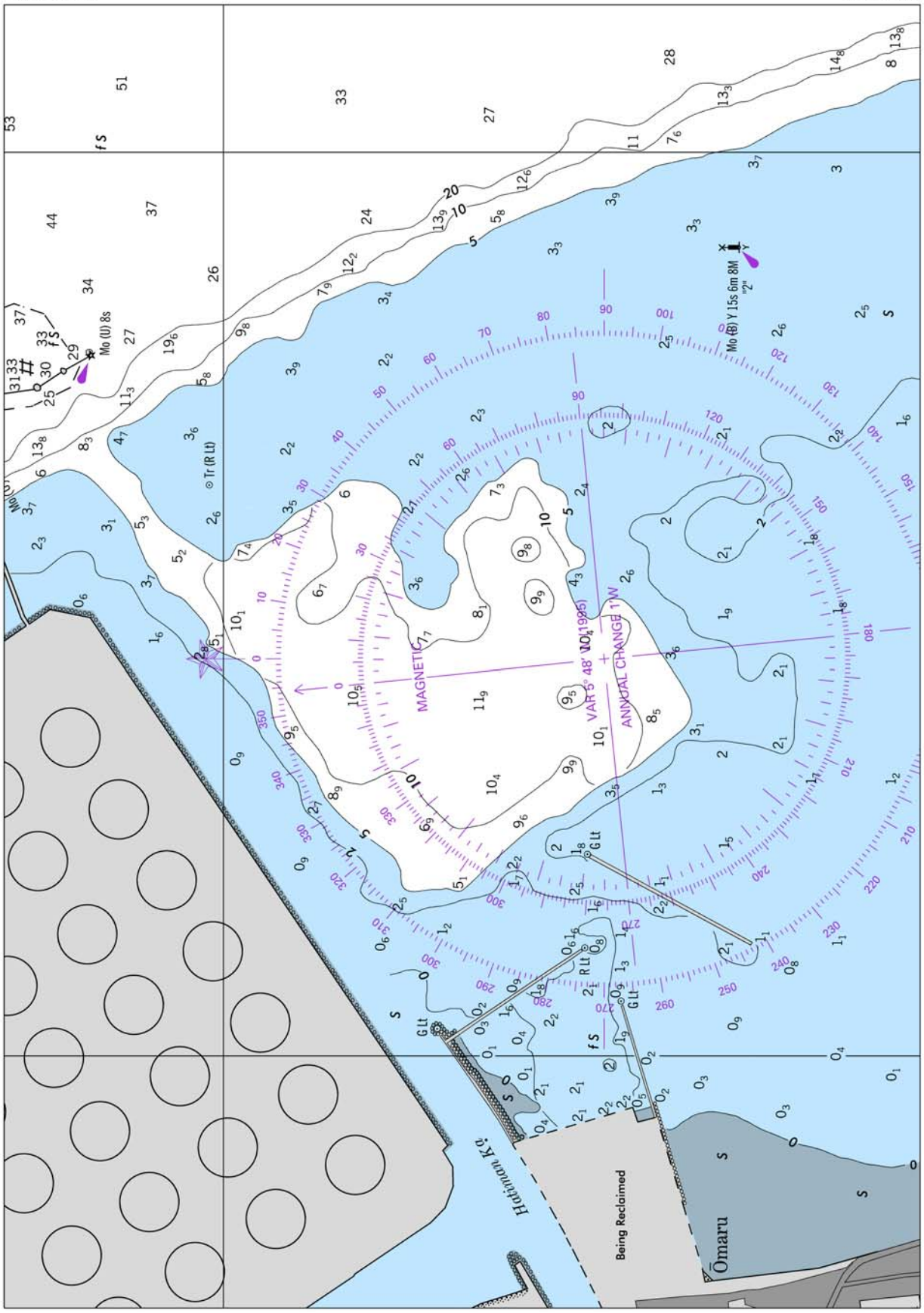


Chart 97268
NM 5/05
Sinkers
Sinkers
Sinkers
Shōwafuto Wharf
Mooring Canal

Graphics


Obstn (Fish haven)
"A" Fl Y 4s
"B" Fl Y 4s
"C" Fl Y 4s
Mo (U) 10s 17m 9M HORN
Mo (U) 10s 3m 1M
Mo (U) 10s 17m 9M
Fl (2) R 6s 15m 5M
Fl Y 4s
Oil (see Note)
Yasudome
Kami-yamano
Kawahigashi
Yamano
Yakusho
Nakazon
Kashiwabaru
To Kushira
Hami
Gongen - Yama
320
Yanaidani
Hitotsumatsu
Arase
To Kanoya
Kimotsuki
Gawa

Graphics


Mo (U) 8s
Tr (R Lt)
Mo (FB) Y 15s 6m 8M
"2"
MAGNETIC
VAR 5° 48' E (1995)
ANNUAL CHANGE 1' W
GLt
RLt
Hutchinson Ave
Being Reclaimed
Ōmaru

Graphics

Chart 97409 NM 33/05

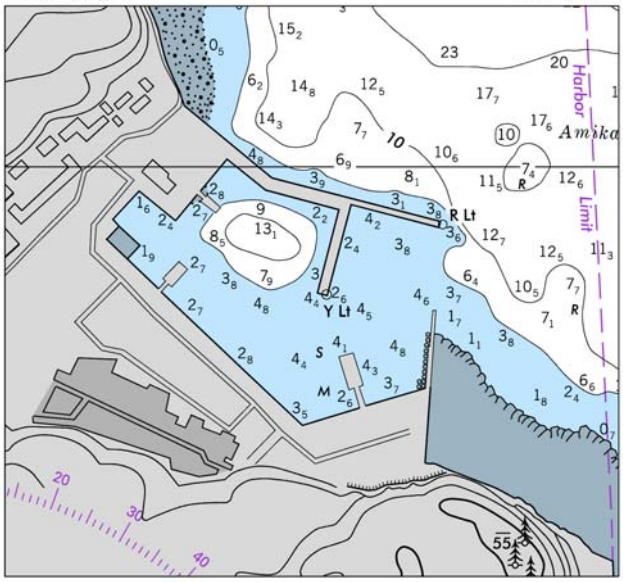
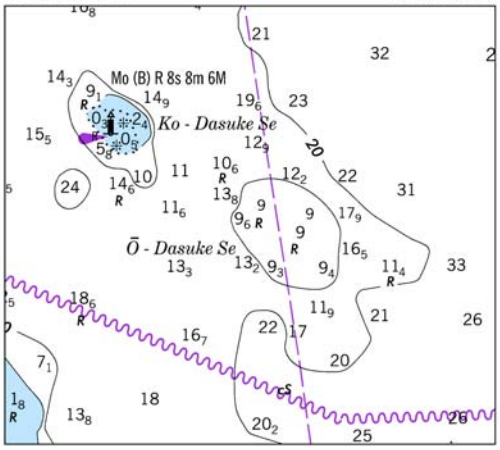
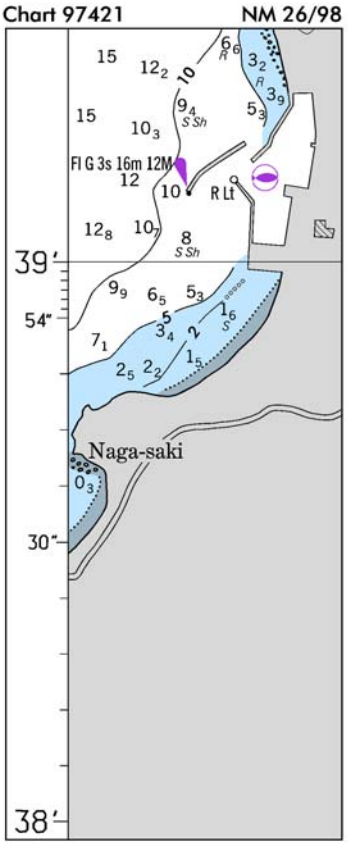


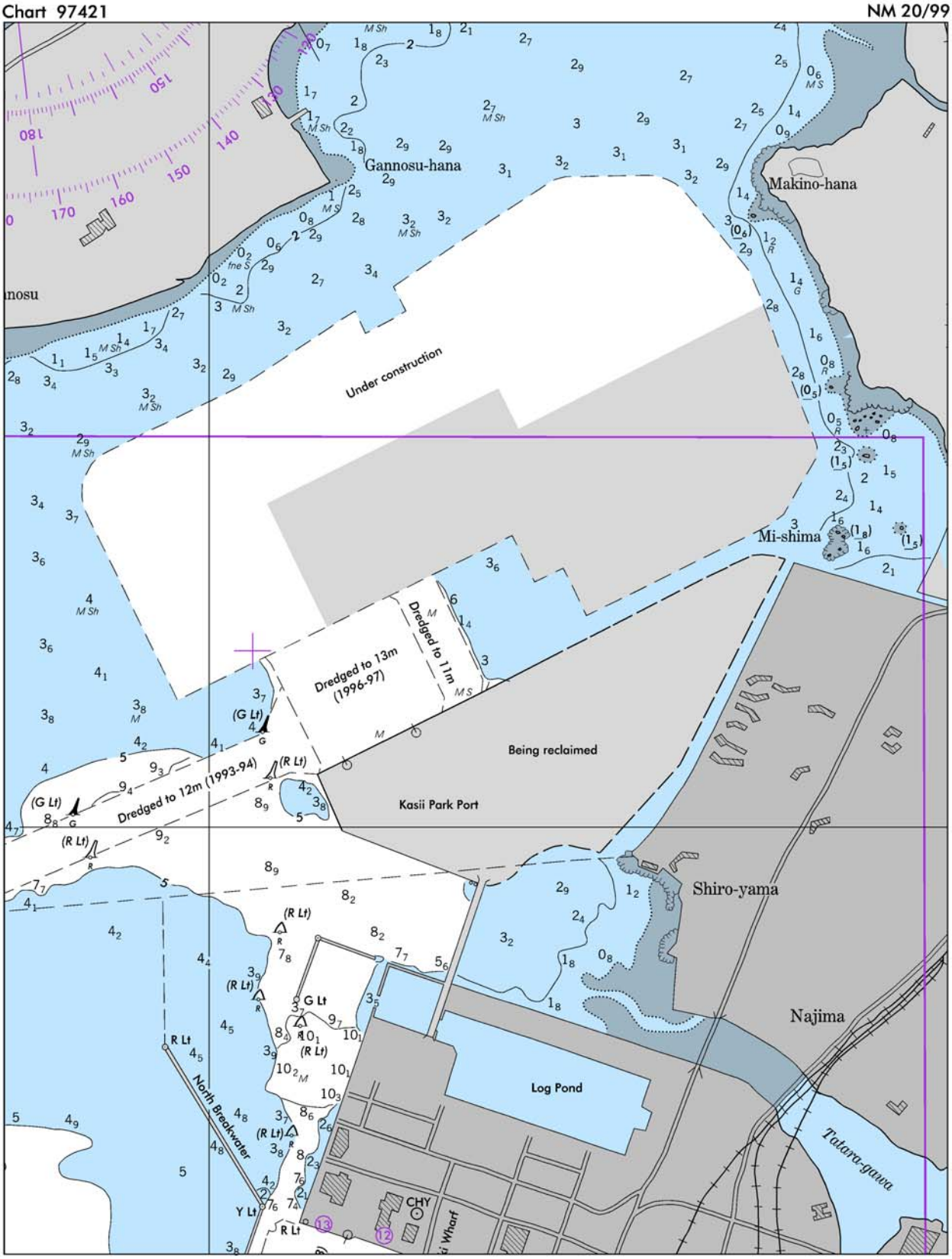
Chart 97409 NM 11/06



Graphics



Graphics


Gannosu-hana
Makino-hana
Under construction
Mi-shima
Dredged to 13m (1996-97)
Dredged to 11m
Being reclaimed
Kasii Park Port
Dredged to 12m (1993-94)
Shiro-yama
Najima
Log Pond
Tatara-gawa
North Breakwater
(G Lt)
(R Lt)
G Lt
R Lt
Y Lt
CHY

Graphics

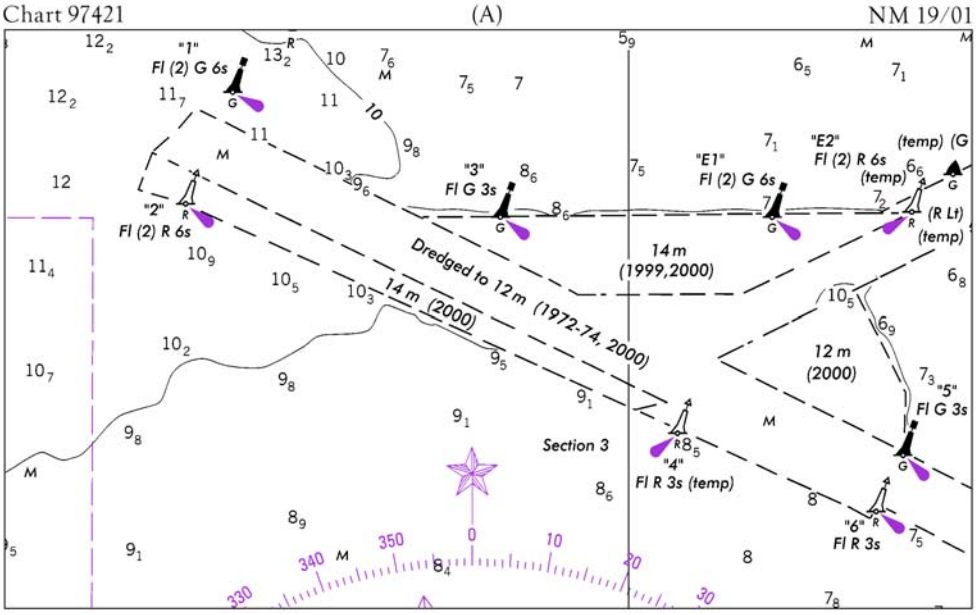
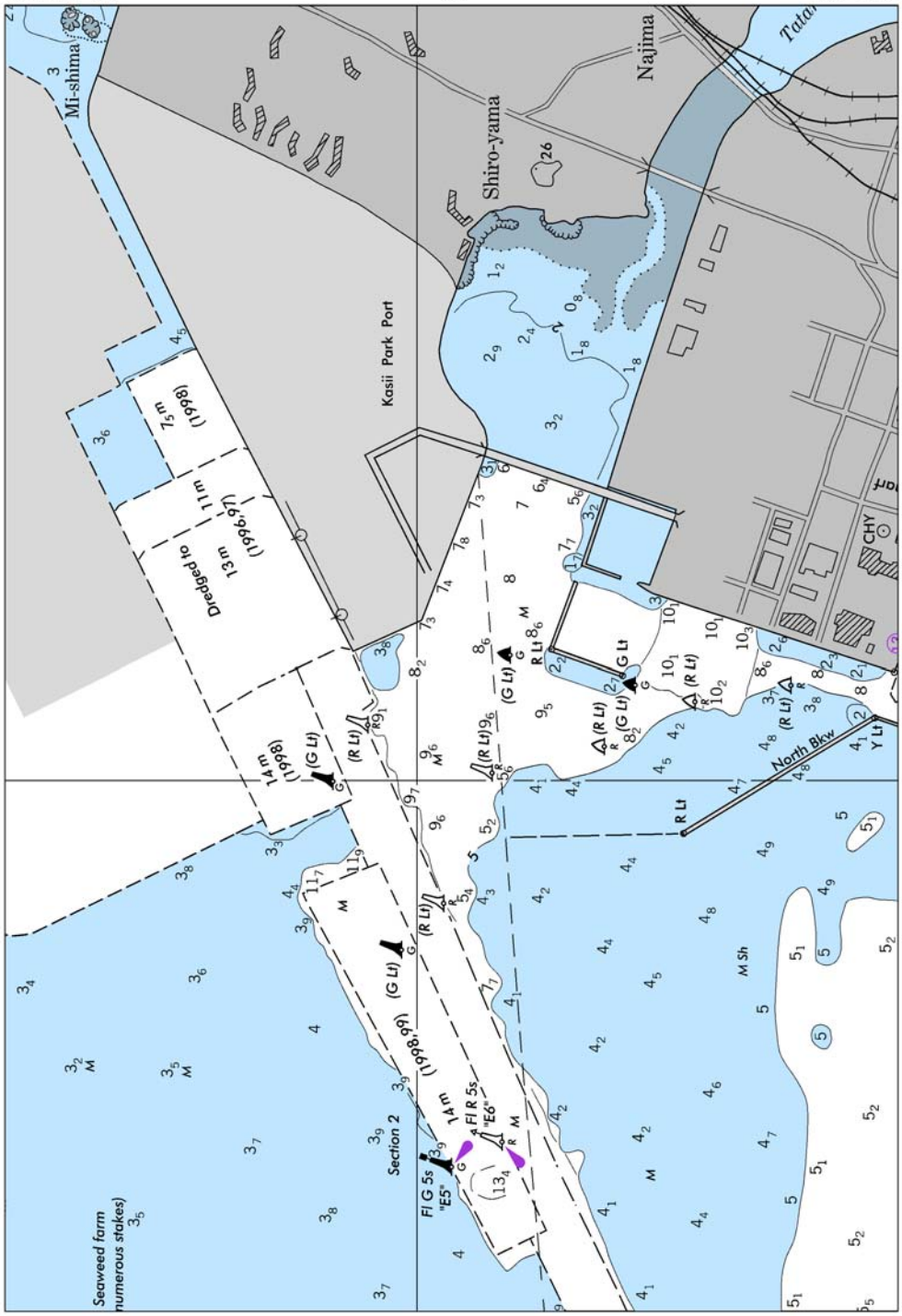


Chart 97421
(A)
NM 19/01
"1"
Fl (2) G 6s
"2"
Fl (2) R 6s
"3"
Fl G 3s
"E1"
Fl (2) G 6s
"E2"
Fl (2) R 6s
(temp)
(temp) (G
(R Lt)
(temp)
"4"
Fl R 3s (temp)
"5"
Fl G 3s
"6"
Fl R 3s
Dredged to 12 m (1972-74, 2000)
14 m (2000)
14 m
(1999,2000)
12 m
(2000)
Section 3

Graphics


Mi-shima
Kasii Park Port
Shiro-yama
Najima
Dredged to
7.5 m (1998)
11 m (1998,99)
13 m (1998,99)
14 m (1998)
(G Lt)
(R Lt)
R Lt
G Lt
North Bkw
Section 2
Fl G 5s "E5"
Fl R 5s "E6"
14 m (1998,99)
Seaweed farm numerous stakes)
M Sh
CHY

Graphics

Chart 97421 (A) NM 36/03

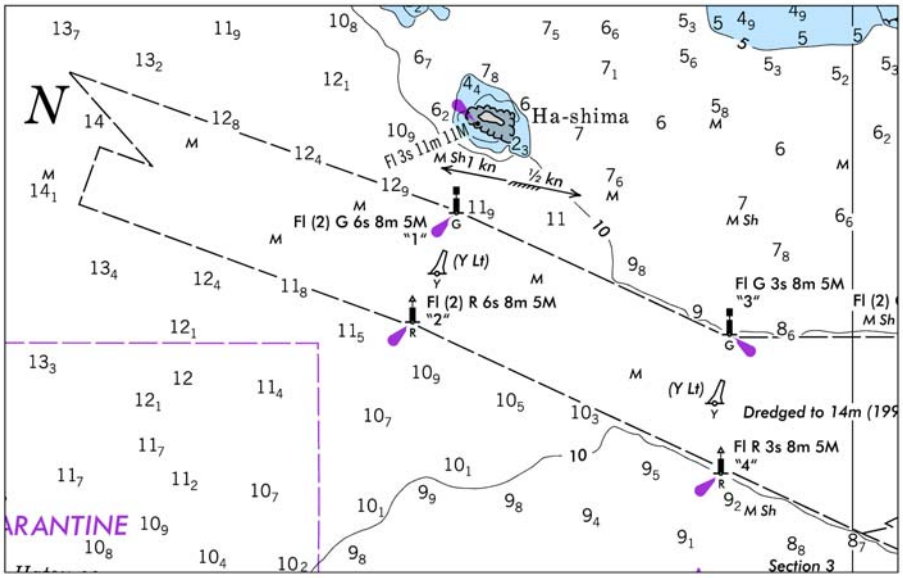
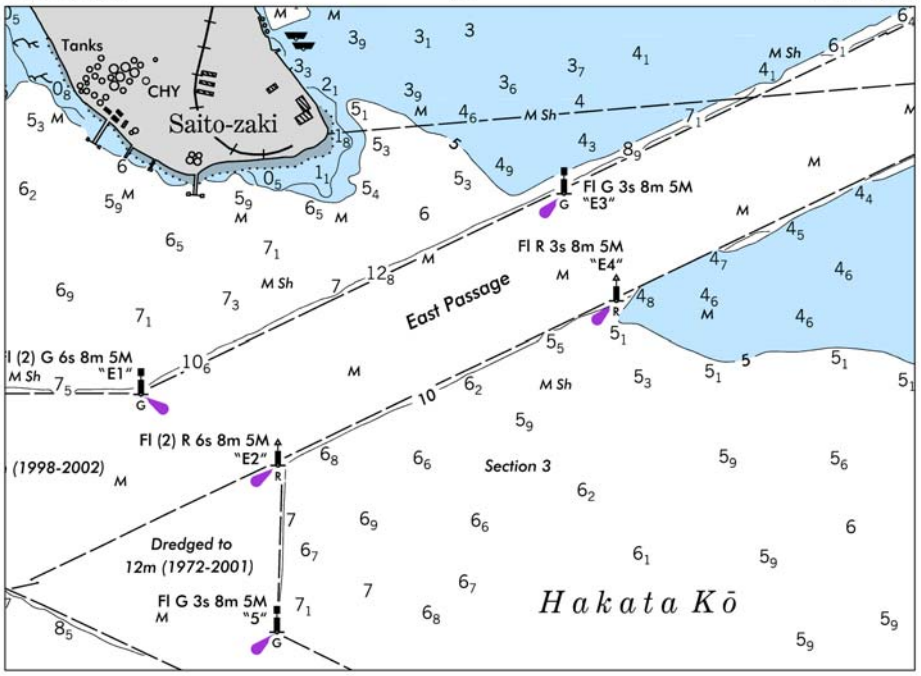


Chart 97421 (B) NM 36/03



Graphics

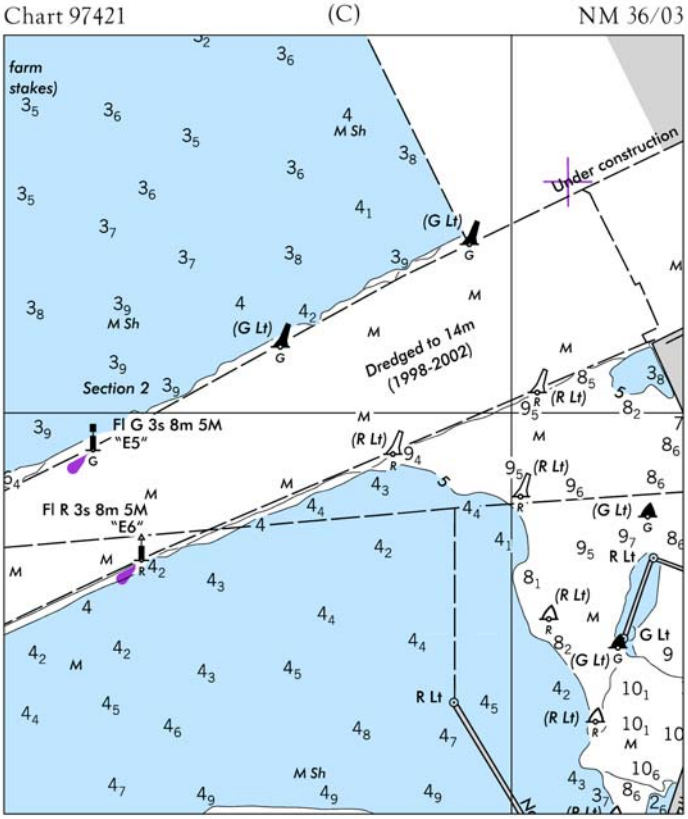
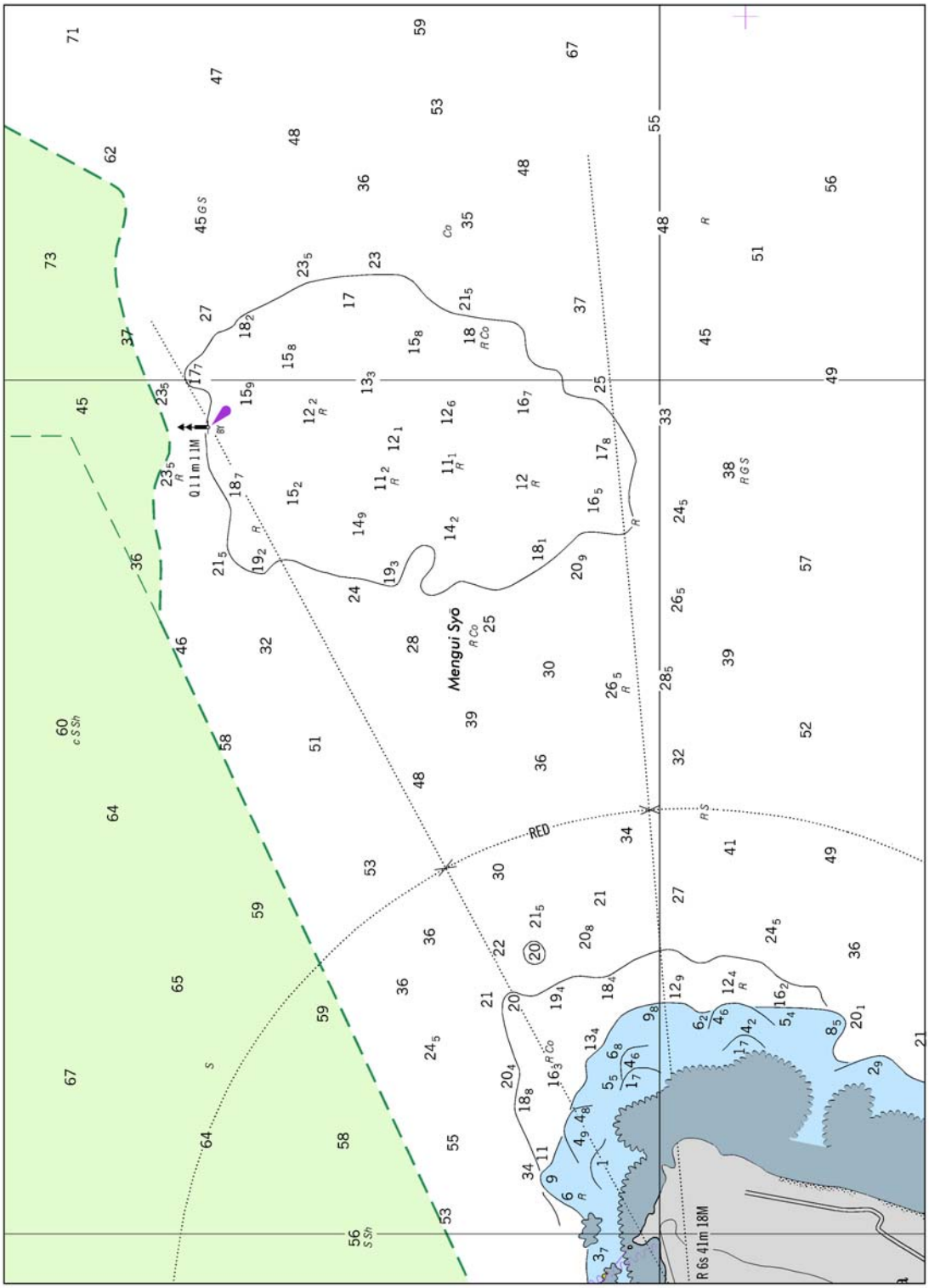


Chart 97421
(C)
NM 36/03
farm
stakes)
Under construction
(G Lt)
Dredged to 14m
(1998-2002)
Section 2
Fl G 3s 8m 5M
"E5"
Fl R 3s 8m 5M
"E6"
(R Lt)
R Lt
G Lt
M Sh

Graphics



Graphics

Chart 97472 NM 50/99

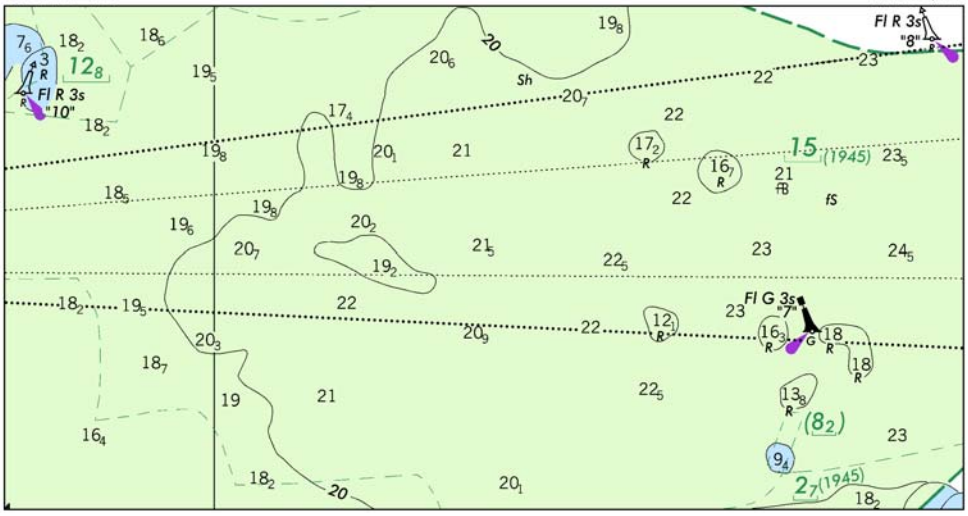
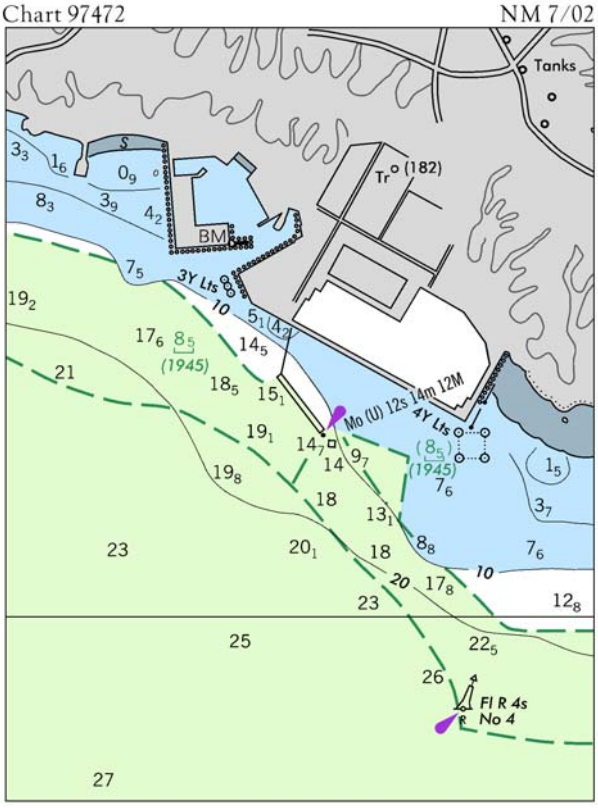


Chart 97472 NM 7/02



Graphics

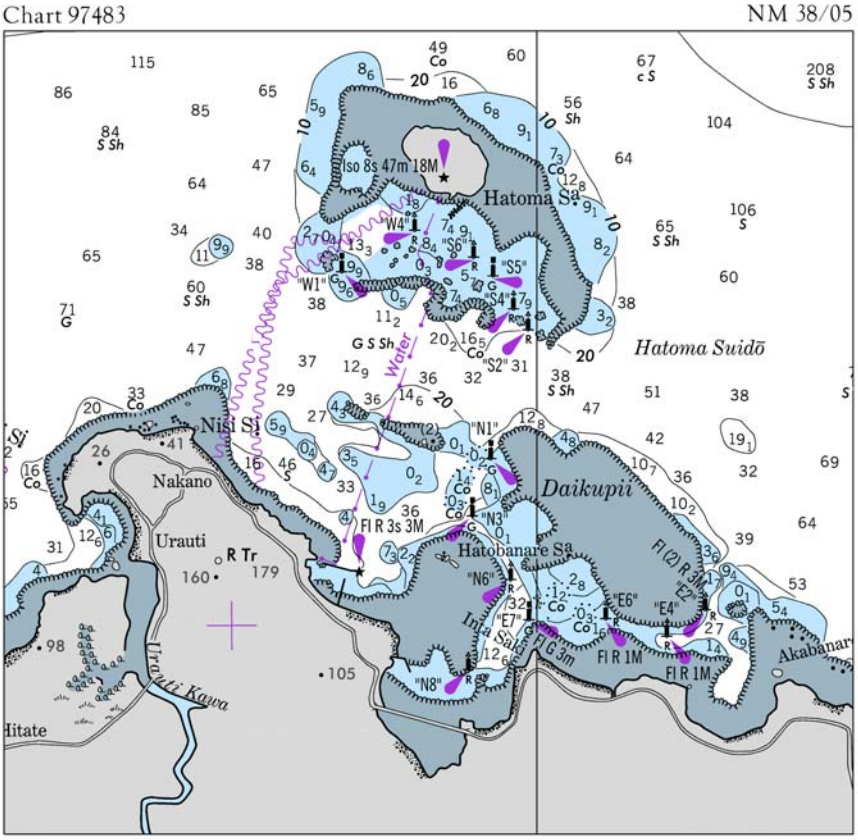
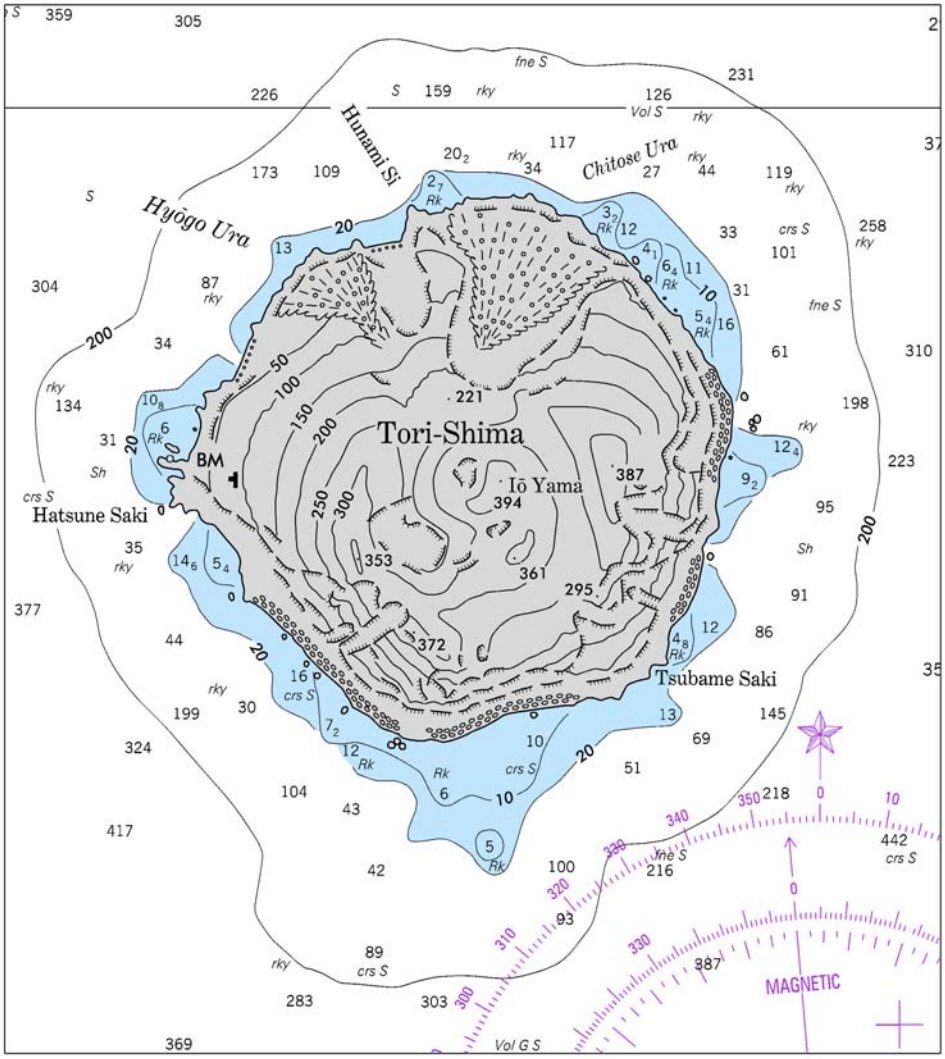


Chart 97483
NM 38/05
Hatoma Sa
Hatoma Suidō
Nisi Sa
Nakano
Urauti
Daikupii
Hatobanare Sa
Iso 8s 47m 18M
Fl R 3s 3M
Fl R 1M
Fl G 3m
Water
Urauti Kawa
Akabanar
Hitate

Graphics


Tori-Shima
Iō Yama
Hatsune Saki
Tsubame Saki
Hyōgo Ura
Hunami Si
Chitose Ura
BM
MAGNETIC

Graphics