SUMMARY OF CORRECTIONS

VOLUME 5

2008

PUBS

WORLD AND OCEAN BASIN CHARTS, U.S. COAST PILOTS, SAILING DIRECTIONS, FLEET GUIDES AND OTHER PUBLICATIONS

CORRECTIONS

THROUGH N.M. NO. 3/08 (19 JANUARY 2008)

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SUMMARY OF CORRECTIONS

This Volume contains a summary of chart corrections and navigation publication 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 Marine Safety Information Web site, users may contact:

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Maritime Division	(301) 227-3370	287-3370	(301) 227-4211
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Maritime Safety Web site	(301) 227-3120	287-3120	(301) 227-4211
Notice to Mariners	(301) 227-3146	287-3146	(301) 227-3175
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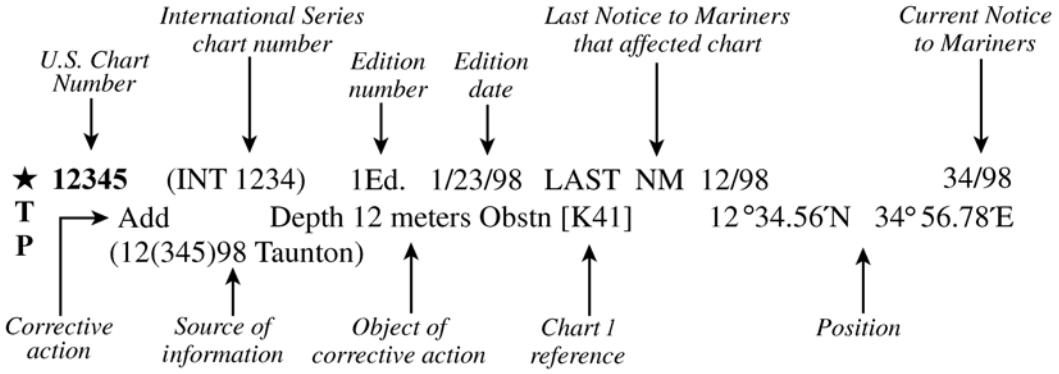
EXPLANATION OF CONTENTS

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

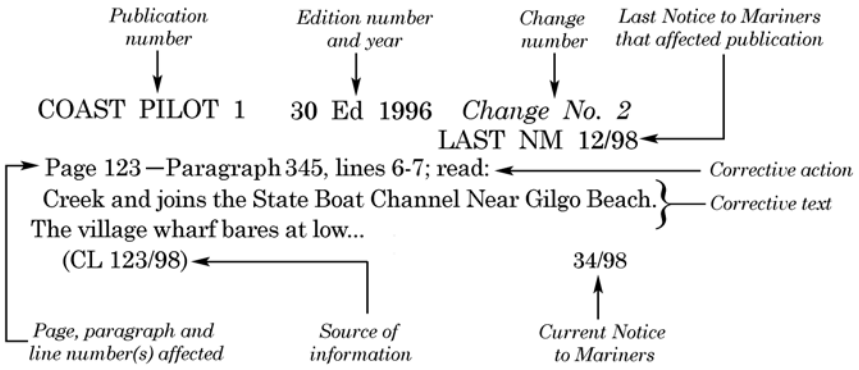
Charts are listed in ascending order by chart number. Each chart's corrections are listed in ascending order by the Notice to Mariners number in which they were originally issued. Corrections that were issued prior to the current edition date of a chart are not included. Charts that were listed as "CANCELED" 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:



Publications are arranged by type and are listed in ascending order by publication number. The U.S. Coast Pilot corrections are listed in ascending order by change number. The corrections to all other publications are listed in ascending order by the page numbers(s) affected. Publication graphics, insert pages and replacement pages are located immediately after the textual corrections to the publication type that they affect and are arranged in ascending order by publication number.

The components of a typical Coast Pilot correction are illustrated below:



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World Charts 1

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★**10** (INT 10) 2Ed. 5/11/96 NEW EDITION 28/96
(DMA)

10 (INT 10) 2Ed. 5/11/96 LAST NM 28/96 29/96
Add Dotted-line circle "Well" marked
close SE by buoy Y, spar 71°56′N 21°11′E
(BA CH 4100)

10 (INT 10) 2Ed. 5/11/96 LAST NM 29/96 17/98
Delete R Bn at light 57°45′N 10°36′E
55°33′N 8°05′E
(50(1393)97 Kobenhavn)

10 (INT 10) 2Ed. 5/11/96 LAST NM 17/98 19/98
Delete R Bn at light 65°30′N 24°31′W
(12(34)97 Reykjavik)

10 (INT 10) 2Ed. 5/11/96 LAST NM 19/98 5/99
Delete R Bn at light 54°07.0′N 0°05.0′W
58°30.0′N 6°15.0′W
57°42.0′N 2°00.0′W
54°17.0′N 10°05.0′W
(30/98 Trinity House; BA RA)

10 (INT 10) 2Ed. 5/11/96 LAST NM 5/99 18/99
Delete R Bn at light 59°01′N 10°30′E
59°18′N 4°53′E
58°04′N 8°03′E
60°08′N 5°01′E
61°02′N 4°30′E
62°20′N 5°16′E
64°11′N 9°25′E
65°12′N 11°00′E
67°18′N 13°30′E
67°25′N 11°52′E
70°15′N 19°30′E
71°06′N 23°59′E
71°05′N 28°13′E
70°23′N 31°09′E
(1(67)99 Stavanger)

10 (INT 10) 2Ed. 5/11/96 LAST NM 18/99 23/99
Delete R Bn at light 63°49′N 22°42′W
66°07′N 20°06′W
66°27′N 15°57′W

R Bn 63°31′N 17°58′W
(1(5)99 Reykjavik)

10 (INT 10) 2Ed. 5/11/96 LAST NM 23/99 40/05
Delete Depth 79 meters, blue tint and enclosing
depth contour in vicinity 71°51′N 41°40′E

Depth 62 meters 69°34′N 41°02′E
(NTM0033/2005)

★**11** (INT 11) 2Ed. 9/14/96 NEW EDITION 50/96
Delete RC at light 46°00′N 59°41′W
45°19′N 60°55′W

(Previously published 42/96)
(NIMA)

11 (INT 11) 2Ed. 9/14/96 LAST NM 50/96 28/97
Delete RC at light 28°27′N 80°32′W
(GIMM002/97)

11 (INT 11) 2Ed. 9/14/96 LAST NM 28/97 37/97
Delete Superbuoy LANBY 40°30′N 69°25′W
(31/97 CG1)

11 (INT 11) 2Ed. 9/14/96 LAST NM 37/97 12/98
Add Depth 27 meters 36°43′N 11°10′W
(14(142), 15(156)97 Lisboa)

11 (INT 11) 2Ed. 9/14/96 LAST NM 12/98 5/99
Delete RC at light 49°58.0′N 6°19.0′W
58°31.0′N 6°16.0′W
51°22.0′N 9°49.0′W
55°16.0′N 8°15.0′W
54°17.0′N 10°05.0′W
(30/98 Trinity House; BA RA)

11 (INT 11) 2Ed. 9/14/96 LAST NM 5/99 18/99
Delete RC at light 60°08′N 5°01′E
61°02′N 4°30′E
(1(67)99 Stavanger)

11 (INT 11) 2Ed. 9/14/96 LAST NM 18/99 23/99
Delete RC at light 63°48′N 22°42′W
RC 63°31′N 17°59′W
(1(5)99 Reykjavik)

11 (INT 11) 2Ed. 9/14/96 LAST NM 23/99 27/99
Delete RC at light. 63°48′N 16°38′W
(4(15)99 Reykjavik)

11 (INT 11) 2Ed. 9/14/96 LAST NM 27/99 11/00
Delete RC at light 43°55′N 60°01′W
(6(1137)99 Ottawa)

11 (INT 11) 2Ed. 9/14/96 LAST NM 11/00 16/00
Relocate Superbuoy ODAS "44142" from
42°29′N 64°12′W to 42°30′N 64°01′W
(6(1126)99 Ottawa)

11 (INT 11) 2Ed. 9/14/96 LAST NM 16/00 48/00
Delete RC at light 48°28′N 5°08′W
(3(13)00 Brest)

11 (INT 11) 2Ed. 9/14/96 LAST NM 48/00 34/01
Delete RC at light 37°01′N 9°00′W
(4(145)01 Lisboa; Por LL)

11 (INT 11) 2Ed. 9/14/96 LAST NM 34/01 38/01
Delete Superbuoy ODAS "44004" 38°19′N 70°42′W

Relocate Superbuoy ODAS "41002" from
32°18′N 75°20′W to 32°16′N 75°26′W

Add Superbuoy ODAS [Q58] "44004" Y,
Fl(4) Y 20s 38°30′N 70°28′W
(29/01 CG7; NTM0020/2001)

11 (INT 11) 2Ed. 9/14/96 LAST NM 38/01 42/04
Delete Depth 90 meters 54°00′N 13°10′W
(NTM0019/2004)

11 (INT 11) 2Ed. 9/14/96 LAST NM 42/04 8/06
Delete RC (AERO) 32°45′N 16°42′W
RC 28°09′N 15°25′W
RC at light 33°34′N 7°40′W
(28(294)05 Cadiz)

11 (INT 11) 2Ed. 9/14/96 LAST NM 8/06 20/06
Delete RC at light 35°48′N 5°54′W
RC at light 42°54′N 9°18′W
(40(400)05 Cadiz; Spn LL)

★**12** (INT 12) 1Ed. 9/25/82 NEW CHART 47/82
(DMAHTC)

12 (INT 12) 1Ed. 9/25/82 LAST NM 47/82 51/82
Add Legend "Rep exting (1982)" to light 13°30′N 16°40′W
(BA LL)

12 (INT 12) 1Ed. 9/25/82 LAST NM 51/82 3/83
Add Depth 542 meters 31°00′N 12°36′W
(45(2732)82 Taunton)

12 (INT 12) 1Ed. 9/25/82 LAST NM 3/83 8/83
Delete Depth 380 meters 38°20′N 30°00′W

Add Depths
104 meters 38°20′N 30°06′W
137 meters 38°45′N 29°08′W
(47(2888)82 Taunton)

12 (INT 12) 1Ed. 9/25/82 LAST NM 8/83 12/83
Delete Depths
22 meters "Rep (1979)" (PA) 18°30.0′N 63°08.0′W
18 meters 16°30.0′N 87°35.0′W

Substitute Depth 51 meters for 5 meters 14°10.0′N 79°55.0′W
(NVS6875/83)

12 (INT 12) 1Ed. 9/25/82 LAST NM 12/83 17/83
Add Danger circle "Unexploded Ordnance Rep (1983)" 29°37.5′N 79°44.6′W
(NVS/C0001/83)

12 (INT 12) 1Ed. 9/25/82 LAST NM 17/83 29/83
Relocate R Bn close NW to 34°41.9′N 76°41.0′W
(23/83 CG5)

12 (INT 12) 1Ed. 9/25/82 LAST NM 29/83 31/83
Substitute Depth 48 meters for 18 meters 3°26′S 35°03′W
(NVS6978/83)

12 (INT 12) 1Ed. 9/25/82 LAST NM 31/83 44/83
Delete Depths
139 meters 16°20′N 78°40′W
16 meters 17°10′N 79°23′W

Add Depths
586 meters 20°32′N 70°27′W
408 meters "Rep (1983)" (ED) 16°50′N 79°17′W
264 meters "Rep (1983)" (ED) 17°01′N 79°32′W

Legend "(PA)" to depth 532 meters "Rep (1982)" 16°00′N 78°25′W
(NVS7066, 7072/83)

12 (INT 12) 1Ed. 9/25/82 LAST NM 44/83 6/84
Add Depths
284 meters "Rep (1983)" 11°16′N 82°50′W
29 meters "Rep (1983)" 3°53′N 48°55′W
(NVS7173/84; 22(202)83 Rio de Janeiro)

12 (INT 12) 1Ed. 9/25/82 LAST NM 6/84 13/84
Add Depths
176 meters "Rep (1983)" (PA) 11°31′N 80°06′W
163 meters "Rep (1983)" (PA) 13°47′N 79°04′W
(NVS7214/84)

12 (INT 12) 1Ed. 9/25/82 LAST NM 13/84 15/84
Add Depths
503 meters "Rep (1983)" (PA) 14°11.8′N 78°04.0′W
370 meters "Rep (1983)" (PA) 14°43.4′N 77°48.3′W
446 meters "Rep (1983)" (PA) 14°55.6′N 77°45.4′W
362 meters "Rep (1983)" (PA) 17°36.0′N 79°53.7′W
261 meters "Rep (1983)" (PA) 12°24.1′N 79°39.0′W
(NVS7214/84)

12 (INT 12) 1Ed. 9/25/82 LAST NM 15/84 17/84
Add Depths
346 meters 36°26′N 33°51′W
282 meters "Rep (1983)" (PA) 13°48′N 81°15′W
392 meters "Rep (1983)" (PA) 12°47′N 82°18′W
(NVS7226/84; 10(605)84 Taunton)

12 (INT 12) 1Ed. 9/25/82 LAST NM 17/84 23/84
Delete Depth 256 meters 8°21′S 16°52′W

Add Depth 256 meters 8°28.8′S 17°04.6′W
(NVS7266/84)

12 (INT 12) 1Ed. 9/25/82 LAST NM 23/84 31/85
Add Depth 16 meters 15°20′N 80°15′W
(HNNM7507/85)

12 (INT 12) 1Ed. 9/25/82 LAST NM 31/85 38/85
Delete Depths
278 meters 37°07′N 31°23′W
1470 meters 37°29′N 26°27′W

Add Depths
512 meters 39°07′N 27°39′W
309 meters 38°44′N 26°32′W
446 meters 38°10′N 26°02′W
503 meters 37°45′N 26°18′W
533 meters 37°26′N 26°27′W
235 meters 37°08′N 31°24′W
(31(2038)85 Taunton)

12 (INT 12) 1Ed. 9/25/82 LAST NM 38/85 42/85
Delete Depth 476 meters 33°13′N 29°31′W

Add Depth 360 meters 33°13′N 29°52′W
(34(11)85 Brest)

12 (INT 12) 1Ed. 9/25/82 LAST NM 42/85 46/85
Delete Depth 60 meters 16°34′N 61°54′W

Change Legend "PA" to "ED" 17°40′N 63°50′W
(HNNM7601/85; NVS6056/80)

12 (INT 12) 1Ed. 9/25/82 LAST NM 46/85 27/86
Delete Depth 478 meters 9°20′N 21°19′W

Add Depth 215 meters "Rep (1986)" 9°15′N 21°20′W
(17(1277)86 Taunton)

12 (INT 12) 1Ed. 9/25/82 LAST NM 27/86 37/86
Add Depth 157 meters 36°50′N 7°28′W
(MCNM7802/86)

12 (INT 12) 1Ed. 9/25/82 LAST NM 37/86 47/86
Add Depth 1200 meters 20°25′N 53°28′W
(39(51)86 Brest)

12 (INT 12) 1Ed. 9/25/82 LAST NM 47/86 25/87
Substitute Depth 247 meters "Rep" for 254 meters "Rep (1977)" 25°22′N 19°28′W

Add Depth 164 meters "Rep" 25°20′N 19°20′W
(16(32)87 Brest)

12 (INT 12) 1Ed. 9/25/82 LAST NM 25/87 35/87
Delete Depth 31 meters 14°10′N 60°48′W
(6(81)87 Brest)

12 (INT 12) 1Ed. 9/25/82 LAST NM 35/87 26/88
Add Legend "(ED)" to depth 78 meters 6°30′N 52°16′W
(53(61)87 Brest)

12 (INT 12) 1Ed. 9/25/82 LAST NM 26/88 43/88
Substitute Depth 24 meters for 28 meters 17°12′N 75°24′W
(MCNM8078/88)

12 (INT 12) 1Ed. 9/25/82 LAST NM 43/88 48/88
Delete Depths
7 meters 18°31′N 84°12′W
24 meters 18°40′N 83°21′W

Add Depths
15 meters 18°21′N 84°19′W
28 meters 18°49′N 83°15′W
(MCNM8169/88)

12 (INT 12) 1Ed. 9/25/82 LAST NM 48/88 34/89
Add Depth 96 meters 38°45′N 30°01′W
(MCNM7551/85)

12 (INT 12) 1Ed. 9/25/82 LAST NM 34/89 38/89
Add Depth 16 meters 21°50′N 76°19′W
(MCNM1102/89)

12 (INT 12) 1Ed. 9/25/82 LAST NM 38/89 51/89
Delete Depths
327 meters 31°23′N 13°19′W
44 meters 30°00′N 13°01′W

(continued on next page)

12 (Continued) 51/89
Substitute Depths
155 meters for 157 meters 30°00′N 12°42′W
77 meters for 86 meters 31°10′N 13°37′W

Add Depth 228 meters 31°39′N 13°07′W
(RS004188, 004196/74)

12 (INT 12) 1Ed. 9/25/82 LAST NM 51/89 23/90
Add Depth 18 meters 18°47′N 83°14′W
(25(58)89 Brest)

12 (INT 12) 1Ed. 9/25/82 LAST NM 23/90 28/90
Delete Depth 143 meters
and enclosing depth contour 7°46.0′N 56°49.0′W
(MCNM1032/90)

12 (INT 12) 1Ed. 9/25/82 LAST NM 28/90 39/90
Delete Depth 9 meters "Rep (1980)" (PA) 3°58′S 35°50′W
(27(1940)90 Taunton)

12 (INT 12) 1Ed. 9/25/82 LAST NM 39/90 51/91
Delete Depth 130 meters 37°31′N 30°24′W
(38(27)91 Brest)

12 (INT 12) 1Ed. 9/25/82 LAST NM 51/91 22/92
Delete R Bn at lights 35°09′N 75°18′W
33°29′N 77°35′W
(17/92 CG5)

12 (INT 12) 1Ed. 9/25/82 LAST NM 22/92 26/92
Delete Depth 165 meters 12°00′N 17°30′W
(16(43)92 Brest)

12 (INT 12) 1Ed. 9/25/82 LAST NM 26/92 49/93
Delete R Bn at light 32°12′N 64°50′W
(40(3377)93 Taunton)

12 (INT 12) 1Ed. 9/25/82 LAST NM 49/93 51/93
Add Depth 29 meters enclosed by
depth contour (30-meter) 17°47′N 75°52′W
(33(533)93 Hamburg)

12 (INT 12) 1Ed. 9/25/82 LAST NM 51/93 4/94
Delete R Bn at light 24°39′N 82°54′W
(46/93 CG7)

12 (INT 12) 1Ed. 9/25/82 LAST NM 4/94 32/94
Delete R Bn at light 21°51′N 84°53′W

Add Light symbol 22°14′N 83°34′W
(1(18), 2(36)94 Habana)

12 (INT 12) 1Ed. 9/25/82 LAST NM 32/94 34/94
Add Wreck (PA) 39°54′N 69°46′W
(22/94 CG1)

12 (INT 12) 1Ed. 9/25/82 LAST NM 34/94 53/94
Delete R Bn at light 40°38′N 73°12′W
(23/94 CG1)

12 (INT 12) 1Ed. 9/25/82 LAST NM 53/94 1/95
Delete R Bn at light 26°04′N 97°10′W
26°52′N 80°05′W
(47/94 CG7; 47/94 CG8)

12 (INT 12) 1Ed. 9/25/82 LAST NM 1/95 2/95
Delete R Bn at light 30°20′N 81°25′W
(49/94 CG7)

12 (INT 12) 1Ed. 9/25/82 LAST NM 2/95 10/95
Delete R Bn at light 33°55′N 78°02′W

R Bn 35°44′N 75°30′W

R Bn and light symbol 38°45′N 74°35′W

Add R Bn 38°48′N 75°05′W
(2/95 CG5; USCG LL)

12 (INT 12) 1Ed. 9/25/82 LAST NM 10/95 11/95
Delete R Bn at light 41°08′N 71°32′W
40°24′N 73°50′W
(4, 5/95 CG1)

12 (INT 12) 1Ed. 9/25/82 LAST NM 11/95 15/95
Delete Depth 137 meters 37°45′N 29°08′W
(7(24)95 Brest)

12 (INT 12) 1Ed. 9/25/82 LAST NM 15/95 29/95
Add Depth 587 meters 6°21′N 32°58′W
(14(56)95 Brest)

12 (INT 12) 1Ed. 9/25/82 LAST NM 29/95 45/95
Delete R Bn 29°19′N 94°44′W
(USCG LL)

12 (INT 12) 1Ed. 9/25/82 LAST NM 45/95 1/96
Add Light symbol 6°03′S 35°07′W
(20(217P)95 Rio de Janeiro)

12 (INT 12) 1Ed. 9/25/82 LAST NM 1/96 11/96
Add Light symbol 2°23′S 43°16′W
(22(243)95 Rio de Janeiro)

12 (INT 12) 1Ed. 9/25/82 LAST NM 11/96 12/96
Delete R Bn at light 22°01′N 80°25′W
(5(103)95 Habana)

12 (INT 12) 1Ed. 9/25/82 LAST NM 12/96 13/96
Delete Light symbol 29°40′N 85°20′W
Note: R Bn remains
(5/96 CG8)

12 (INT 12) 1Ed. 9/25/82 LAST NM 13/96 14/96
Delete R Bn at light 36°52′N 75°42′W

R Bn 38°48′N 75°05′W
34°42′N 76°41′W
(8/96 CG5; SMEA009/96)

12 (INT 12) 1Ed. 9/25/82 LAST NM 14/96 17/96
Delete Depth 104 meters 38°20′N 30°06′W
(4(33)96 Brest)

12 (INT 12) 1Ed. 9/25/82 LAST NM 17/96 29/96
Delete Depth 1600 meters 6°03′N 24°57′W

Add Depth
234 meters 6°19′N 22°37′W
762 meters 6°10′N 24°52′W
(23(1907)96 Taunton)

12 (INT 12) 1Ed. 9/25/82 LAST NM 29/96 36/96
Delete R Bn 29°40′N 85°21′W
(SMEA006/96)

12 (INT 12) 1Ed. 9/25/82 LAST NM 36/96 41/96
Delete R Bn at light 28°59′N 89°08′W
28°54′N 89°25′W

R Bn 29°47′N 93°21′W
29°43′N 93°52′W
(SMEA009/96)

12 (INT 12) 1Ed. 9/25/82 LAST NM 41/96 42/96
Delete R Bn at light 27°50′N 97°03′W
(SMEA009/96)

12 (INT 12) 1Ed. 9/25/82 LAST NM 42/96 51/96
Delete R Bn at light 27°35′N 82°40′W
(GIMM050/96)

12 (INT 12) 1Ed. 9/25/82 LAST NM 51/96 6/97
Delete R Bn at light 30°14′N 88°01′W
(GIMM002/97)

12 (INT 12) 1Ed. 9/25/82 LAST NM 6/97 23/97
Delete Purple circle at light 22°41′N 78°53′W
(9(222)96 Habana)

12 (INT 12) 1Ed. 9/25/82 LAST NM 23/97 28/97
Delete R Bn at light 28°23′N 80°32′W
(GIMM002/97)

12 (INT 12) 1Ed. 9/25/82 LAST NM 28/97 32/97
Delete R Bn at light 1°22′S 45°00′W
(12(99)97 Rio de Janeiro)

12 (INT 12) 1Ed. 9/25/82 LAST NM 32/97 37/97
Delete Light symbol and R Bn 40°30′N 69°25′W
(31/97 CG1)

12 (INT 12) 1Ed. 9/25/82 LAST NM 37/97 12/98
Add Depth 27 meters 36°43′N 11°10′W
(14(142), 15(156)97 Lisboa)

12 (INT 12) 1Ed. 9/25/82 LAST NM 12/98 16/00
Delete Light 27°49′N 97°04′W
(49/99 CG8)

12 (INT 12) 1Ed. 9/25/82 LAST NM 16/00 34/01
Delete R Bn at light 37°00′N 8°58′W
(4(145)01 Lisboa; Por LL)

12 (INT 12) 1Ed. 9/25/82 LAST NM 34/01 45/02
Delete R Bn 20°28′N 86°58′W

Add Light symbol [P1] 20°30′N 86°58′W
(Mex LL; NTM0007/2002)

12 (INT 12) 1Ed. 9/25/82 LAST NM 45/02 27/04
Substitute Depth 26 meters for 8 meters 16°54′N 83°20′W
(NTM0012/2004)

12 (INT 12) 1Ed. 9/25/82 LAST NM 27/04 26/05
Add Depth 1116 meters "Rep (2005)" 27°26′N 76°35′W
(NTM0024/2005)

12 (INT 12) 1Ed. 9/25/82 LAST NM 26/05 8/06
Delete R Bn at light 33°34′N 7°41′W
(28(294)05 Cadiz)

12 (INT 12) 1Ed. 9/25/82 LAST NM 8/06 20/06
Delete R Bn at light 35°47′N 5°57′W
(40(400)05 Cadiz)

★**13** (INT 13) 1Ed. 9/25/82 NEW CHART 47/82
(DMAHTC)

13 (INT 13) 1Ed. 9/25/82 LAST NM 47/82 8/83
Add Depth 104 meters 38°20′N 30°06′W
(47(2888)82 Taunton)

13 (INT 13) 1Ed. 9/25/82 LAST NM 8/83 12/83
Delete Depth 22 meters "Rep (1979)" (PA) 18°30.0′N 63°08.0′W

Substitute Depth 51 meters for 5 meters 14°10.0′N 79°55.0′W
(NVS6875/83)

13 (INT 13) 1Ed. 9/25/82 LAST NM 12/83 17/83
Add Danger circle "Unexploded Ordnance
Rep (1983)" 29°37.5′N 79°44.6′W
(NVS/C0001/83)

13 (INT 13) 1Ed. 9/25/82 LAST NM 17/83 29/83
Relocate R Bn close NW to 34°41.9′N 76°41.0′W
(23/83 CG5)

13 (INT 13) 1Ed. 9/25/82 LAST NM 29/83 31/83
Substitute Depth 48 meters for 18 meters 3°26′S 35°03′W
(NVS6978/83)

13 (INT 13) 1Ed. 9/25/82 LAST NM 31/83 36/83
Add Depth 37 meters "Rep (1982)" (PA) 45°53′N 47°40′W
(NVS7009/83)

13 (INT 13) 1Ed. 9/25/82 LAST NM 36/83 44/83
Delete Depths
139 meters 16°20′N 78°40′W
16 meters 17°10′N 79°23′W

Add Depths
586 meters 20°32′N 70°27′W
408 meters "Rep (1983)" (ED) 16°50′N 79°17′W
264 meters "Rep (1983)" (ED) 17°01′N 79°32′W

Legend "(PA)" to
depth 532 meters "Rep (1982)" 16°00′N 78°25′W
(NVS7066, 7072/83)

13 (INT 13) 1Ed. 9/25/82 LAST NM 44/83 6/84
Add Depths
284 meters "Rep (1983)" 11°16′N 82°50′W
29 meters "Rep (1983)" 3°53′N 48°55′W
(NVS7173/84; 22(202)83 Rio de Janeiro)

13 (INT 13) 1Ed. 9/25/82 LAST NM 6/84 13/84
Add Depths
176 meters "Rep (1983)" (PA) 11°31′N 80°06′W
163 meters "Rep (1983)" (PA) 13°47′N 79°04′W
(NVS7214/84)

13 (INT 13) 1Ed. 9/25/82 LAST NM 13/84 15/84
Add Depths
503 meters "Rep (1983)" (PA) 14°11.8′N 78°04.0′W
370 meters "Rep (1983)" (PA) 14°43.4′N 77°48.3′W
446 meters "Rep (1983)" (PA) 14°55.6′N 77°45.4′W
362 meters "Rep (1983)" (PA) 17°36.0′N 79°53.7′W
261 meters "Rep (1983)" (PA) 12°24.1′N 79°39.0′W
(NVS7214/84)

13 (INT 13) 1Ed. 9/25/82 LAST NM 15/84 17/84
Add Depths
346 meters 36°26′N 33°51′W
282 meters "Rep (1983)" (PA) 13°48′N 81°15′W
392 meters "Rep (1983)" (PA) 12°47′N 82°18′W
(NVS7226/84; 10(605)84 Taunton)

13 (INT 13) 1Ed. 9/25/82 LAST NM 17/84 42/84
Delete R Bns 53°31′N 55°45′W
54°28′N 56°56′W
55°13′N 59°08′W
(27(601,608,614)84 Ottawa)

13 (INT 13) 1Ed. 9/25/82 LAST NM 42/84 31/85
Add Depth 16 meters (ED) 15°20′N 80°15′W
(HNNM7507/85)

13 (INT 13) 1Ed. 9/25/82 LAST NM 31/85 32/85
Delete Depth 14 meters 15°20′N 80°24′W
(NVS6998/85)

13 (INT 13) 1Ed. 9/25/82 LAST NM 32/85 46/85
Delete Depth 60 meters 16°34′N 61°54′W

Change Legend "PA" to "ED" 17°50′N 63°30′W
(HNNM7601/85; NVS6056/80)

13 (INT 13) 1Ed. 9/25/82 LAST NM 46/85 10/86
Delete Depths
14 meters 13°54′N 78°20′W
6 meters 13°32′N 81°47′W
(HNNM7695/86)

13 (INT 13) 1Ed. 9/25/82 LAST NM 10/86 39/86
Delete Depth 118 meters (PD) 4°15′S 34°50′W
(17(1276)86 Taunton)

13 (INT 13) 1Ed. 9/25/82 LAST NM 39/86 44/86
Add Submarine cable
joining 8°09.5′S 34°54.0′W
8°12.8′S 34°48.5′W
8°09.0′S 34°24.0′W
8°06.3′S 34°05.3′W
7°24.0′S 34°25.0′W

joining 8°08.3′S 34°54.2′W
8°11.6′S 34°18.5′W
8°08.0′S 33°54.0′W
7°47.5′S 33°03.4′W
(17(E253)86 Rio de Janeiro)

13 (INT 13) 1Ed. 9/25/82 LAST NM 44/86 47/86
Add Depth 1200 meters 20°25′N 53°28′W
(39(51)86 Brest)

13 (INT 13) 1Ed. 9/25/82 LAST NM 47/86 33/87
Delete R Bns 52°00′N 55°18′W
49°59′N 55°21′W
(23(385, 387)87 Ottawa)

13 (INT 13) 1Ed. 9/25/82 LAST NM 33/87 35/87
Delete Depth 31 meters 14°10′N 60°50′W
(6(81)87 Brest)

13 (INT 13) 1Ed. 9/25/82 LAST NM 35/87 48/88
Delete Depths
7 meters 18°31′N 84°12′W
24 meters 18°40′N 83°21′W

Add Depths
15 meters 18°21′N 84°19′W
28 meters 18°49′N 83°15′W
(MCNM8169/88)

13 (INT 13) 1Ed. 9/25/82 LAST NM 48/88 28/89
Add Depth 292 meters 55°08′N 34°55′W
(20(1536)89 Taunton)

13 (INT 13) 1Ed. 9/25/82 LAST NM 28/89 38/89
Delete R Bn at light 43°40′N 65°13′W
(31(662)89 Ottawa)

13 (INT 13) 1Ed. 9/25/82 LAST NM 38/89 23/90
Add Depth 18 meters 18°47′N 83°14′W
(25(58)89 Brest)

13 (INT 13) 1Ed. 9/25/82 LAST NM 23/90 28/90
Delete Depth 143 meters
and enclosing depth contour 7°46.0′N 56°49.0′W
(MCNM1032/90)

13 (INT 13) 1Ed. 9/25/82 LAST NM 28/90 39/90
Delete Depth 9 meters "Rep (1980)" (PA) 3°58′S 35°50′W
(27(1940)90 Taunton)

13 (INT 13) 1Ed. 9/25/82 LAST NM 39/90 51/91
Delete Depth 130 meters 37°31′N 30°24′W
(38(27)91 Brest)

13 (INT 13) 1Ed. 9/25/82 LAST NM 51/91 22/92
Delete R Bn at lights 35°09′N 75°18′W
33°29′N 77°35′W
(17/92 CG5)

13 (INT 13) 1Ed. 9/25/82 LAST NM 22/92 49/93
Delete R Bn at light 32°12′N 64°50′W
(40(3377)93 Taunton)

13 (INT 13) 1Ed. 9/25/82 LAST NM 49/93 50/93
Delete R Bn at light 42°02′N 70°02′W
(44/93 CG1)

13 (INT 13) 1Ed. 9/25/82 LAST NM 50/93 51/93
Add Depth 29 meters enclosed by
depth contour (30-meter) 17°47′N 75°52′W
(33(533)93 Hamburg)

13 (INT 13) 1Ed. 9/25/82 LAST NM 51/93 4/94
Delete R Bn at light 24°40′N 82°54′W
(46/93 CG7)

13 (INT 13) 1Ed. 9/25/82 LAST NM 4/94 12/94
Delete R Bn at light 47°17′N 60°08′W
(2(66)94 Ottawa)

13 (INT 13) 1Ed. 9/25/82 LAST NM 12/94 32/94
Delete R Bn at light 21°52′N 84°57′W

Add Light symbol 22°14′N 83°34′W
(1(18), 2(36)94 Habana)

13 (INT 13) 1Ed. 9/25/82 LAST NM 32/94 34/94
Add Wreck (PA) 39°54′N 69°46′W
(22/94 CG1)

13 (INT 13) 1Ed. 9/25/82 LAST NM 34/94 53/94
Delete R Bn at light 40°38′N 73°12′W
(23/94 CG1)

13 (INT 13) 1Ed. 9/25/82 LAST NM 53/94 1/95
Delete R Bn at light 26°55′N 80°07′W
(47/94 CG7)

13 (INT 13) 1Ed. 9/25/82 LAST NM 1/95 2/95
Delete R Bn at light 30°22′N 81°23′W
(49/94 CG7)

13 (INT 13) 1Ed. 9/25/82 LAST NM 2/95 10/95
Delete R Bn at light 33°55′N 78°02′W
35°50′N 75°31′W

R Bn and light symbol 38°49′N 74°35′W

Add R Bn 38°48′N 75°05′W
(2/95 CG5; USCG LL)

13 (INT 13) 1Ed. 9/25/82 LAST NM 10/95 11/95
Delete R Bn at light 41°09′N 71°35′W
40°25′N 73°50′W
(4, 5/95 CG1)

13 (INT 13) 1Ed. 9/25/82 LAST NM 11/95 29/95
Add Depth 587 meters 6°21′N 32°58′W
(14(56)95 Brest)

13 (INT 13) 1Ed. 9/25/82 LAST NM 29/95 1/96
Add Light symbol 6°03′S 35°07′W
(20(217P)95 Rio de Janeiro)

13 (INT 13) 1Ed. 9/25/82 LAST NM 1/96 11/96
Add Light symbol 2°23′S 43°16′W
(22(243)95 Rio de Janeiro)

13 (INT 13) 1Ed. 9/25/82 LAST NM 11/96 12/96
Delete R Bn at light 22°01′N 80°25′W
(5(103)95 Habana)

13 (INT 13) 1Ed. 9/25/82 LAST NM 12/96 14/96
Delete R Bn at light 36°52′N 75°42′W

R Bn 38°48′N 75°05′W
34°42′N 76°41′W
(8/96 CG5; SMEA009/96)

13 (INT 13) 1Ed. 9/25/82 LAST NM 14/96 17/96
Delete Depth 104 meters 38°20′N 30°06′W
(4(33)96 Brest)

13 (INT 13) 1Ed. 9/25/82 LAST NM 17/96 36/96
Delete R Bn at light 49°05′N 61°40′W
(7(373)96 Ottawa)

13 (INT 13) 1Ed. 9/25/82 LAST NM 36/96 42/96
Delete R Bn at light 46°03′N 59°40′W
45°21′N 60°55′W
(8(426, 430)96 Ottawa)

13 (INT 13) 1Ed. 9/25/82 LAST NM 42/96 51/96
Delete R Bn at light 27°35′N 82°40′W
(GIMM050/96)

13 (INT 13) 1Ed. 9/25/82 LAST NM 51/96 23/97
Delete Purple circle at light 22°41′N 78°53′W
(9(222)96 Habana)

13 (INT 13) 1Ed. 9/25/82 LAST NM 23/97 28/97
Delete R Bn at light 28°25′N 80°32′W
(GIMM002/97)

13 (INT 13) 1Ed. 9/25/82 LAST NM 28/97 32/97
Delete R Bn at light 1°22′S 45°00′W
(12(99)97 Rio de Janeiro)

13 (INT 13) 1Ed. 9/25/82 LAST NM 32/97 37/97
Delete Light symbol and R Bn 40°30′N 69°25′W
(31/97 CG1)

13 (INT 13) 1Ed. 9/25/82 LAST NM 37/97 11/00
Delete R Bn at light 43°58′N 60°04′W
(6(1137)99 Ottawa)

13 (INT 13) 1Ed. 9/25/82 LAST NM 11/00 27/04
Substitute Depth 26 meters for 8 meters 16°54′N 83°20′W
(NTM0012/2004)

13 (INT 13) 1Ed. 9/25/82 LAST NM 27/04 26/05
Add Depth 1116 meters "Rep (2005)" 27°26′N 76°35′W
(NTM0024/2005)

★14 (INT 14) 4Ed. 9/7/96 NEW EDITION 48/96
(NIMA)

14 (INT 14) 4Ed. 9/7/96 LAST NM 48/96 12/98
Add Depth 27 meters 36°43′N 11°10′W
(14(142), 15(156)97 Lisboa)

14 (INT 14) 4Ed. 9/7/96 LAST NM 12/98 5/99
Delete RC at light 49°58.0′N 6°25.0′W
58°31.0′N 6°15.0′W
51°22.0′N 9°49.0′W
55°19.0′N 8°15.0′W
54°15.0′N 10°05.0′W
(30/98 Trinity House; BA RA)

14 (INT 14) 4Ed. 9/7/96 LAST NM 5/99 18/99
Delete RC at light 60°08′N 5°01′E
61°02′N 4°30′E
(1(67)99 Stavanger)

14 (INT 14) 4Ed. 9/7/96 LAST NM 18/99 48/00
Delete RC at light 48°28′N 5°08′W
(3(13)00 Brest)

14 (INT 14) 4Ed. 9/7/96 LAST NM 48/00 34/01
Delete RC at light 37°01′N 9°00′W
(4(145)00 Lisboa; Por LL)

14 (INT 14) 4Ed. 9/7/96 LAST NM 34/01 42/04
Delete Depth 90 meters 54°00′N 13°10′W
(NTM0019/2004)

14 (INT 14) 4Ed. 9/7/96 LAST NM 42/04 8/06
Delete RC at light 33°35′N 7°40′W
RC (AERO) 33°05′N 16°22′W
(28(294)05 Cadiz)

14 (INT 14) 4Ed. 9/7/96 LAST NM 8/06 20/06
Delete RC at light 35°48′N 5°56′W
RC at light 42°54′N 9°12′W
RC (AERO) 41°20′N 8°40′W
(40(400)05 Cadiz; Spn LL)

★17 43Ed. 10/28/44 NEW EDITION 44/44
(USHO)

17 43Ed. 10/28/44 LAST NM 44/44 8/87
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)

★20 (INT 20) 3Ed. 5/10/97 NEW EDITION 28/97
(NIMA)

20 (INT 20) 3Ed. 5/10/97 LAST NM 28/97 32/97
Delete R Bn at light 1°17′S 44°54′W
(12(99)97 Rio de Janeiro)

20 (INT 20) 3Ed. 5/10/97 LAST NM 32/97 46/97
Substitute Depth 359 meters for 424 meters 55°57′S 27°42′W

Add Depth 146 meters 53°56′S 35°34′W
(30(2705)97 Taunton)

20 (INT 20) 3Ed. 5/10/97 LAST NM 46/97 2/98
Add Depth
231 meters 53°56′S 52°29′W
614 meters 54°03′S 51°34′W
(47(4223)97 Taunton)

20 (INT 20) 3Ed. 5/10/97 LAST NM 2/98 11/98
Delete R Bn (AERO) at light 11°00′S 37°04′W
(GIMM002/98)

20 (INT 20) 3Ed. 5/10/97 LAST NM 11/98 45/99
Add Depth [I10] 728 meters 47°23′S 12°57′W
(6(64)99 Cape Town)

20 (INT 20) 3Ed. 5/10/97 LAST NM 45/99 9/00
Delete Depth 13 meters 17°00′S 37°40′W

Depth 12 meters and enclosing dotted-line circle centered 17°00′S 37°00′W
(24(188)99 Rio de Janeiro)

20 (INT 20) 3Ed. 5/10/97 LAST NM 9/00 18/03
Delete R Bn (AERO) 4°50′N 52°22′W
(7(56)00 Brest)

20 (INT 20) 3Ed. 5/10/97 LAST NM 18/03 25/07
Add Depth 1589 meters enclosed by depth contour (2000-meter) 38°53′S 15°30′W
Depth 1350 meters enclosed by depth contour (2000-meter) 35°07′S 15°21′W
Depth 1706 meters enclosed by depth contour (2000-meter) 29°41′S 14°05′W
Depth 1542 meters enclosed by depth contour (2000-meter) 31°10′S 13°42′W
Depth 1528 meters enclosed by depth contour (2000-meter) 32°10′S 13°00′W
Depth 1337 meters enclosed by depth contour (2000-meter) 32°30′S 14°06′W
Depth 1271 meters enclosed by depth contour (2000-meter) 33°42′S 14°19′W

Depth 870 meters enclosed by dashed-line circle 34°38′S 15°18′W
(NTM0011/2007)

20 (INT 20) 3Ed. 5/10/97 LAST NM 25/07 40/07
Add Depth 512 meters 53°29′S 44°46′W

(continued on next page)

20 (Continued) 40/07
Depth 1615 meters 53°12′S 48°16′W
Depth 929 meters 53°04′S 46°35′W
Depth 443 meters 54°20′S 40°02′W
Depth 1882 meters 55°38′S 43°11′W

Depth 110 meters, blue tint and enclosing depth contour (200-meter) centered 53°24′S 44°44′W
(NTM0011/2007)

★**21** (INT 21) 4Ed. 3/30/96 NEW EDITION 22/96
Delete R Bn (AERO) 5°40′N 0°10′W
5°53′S 12°20′E

R Bn (AERO) at light 2°47′S 10°01′E
(DMA; BA RA)

21 (INT 21) 4Ed. 3/30/96 LAST NM 22/96 29/96
Substitute Depth
234 meters for 303 meters 6°19′N 22°37′W
762 meters for 1460 meters 6°10′N 24°52′W
(23(1907)96 Taunton)

21 (INT 21) 4Ed. 3/30/96 LAST NM 29/96 7/98
Delete Depth 73 meters 30°55′S 15°04′E
(39(3484)97 Taunton)

21 (INT 21) 4Ed. 3/30/96 LAST NM 7/98 35/98
Add Depth 1240 meters "Rep (1997)" 53°01′S 19°21′E
(36(5401)98 St. Petersburg)

21 (INT 21) 4Ed. 3/30/96 LAST NM 35/98 44/98
Substitute Depth 7 meters for 11 meters 31°41.0′S 8°22.0′E
(6(462)98 Taunton)

21 (INT 21) 4Ed. 3/30/96 LAST NM 44/98 45/99
Delete R Bn at light 22°54′S 14°26′E

Add Depth [I10] 728 meters 47°23′S 12°57′W
Depth [I10] 546 meters 47°04′S 8°30′W
Depth [I10] 584 meters 51°38′S 1°10′W
Depth [I10] 498 meters 54°25′S 4°40′E
Depth [I10] 746 meters 53°46′S 6°32′E
Depth [I10] 568 meters 50°03′S 4°57′E
Depth [I10] 761 meters 53°15′S 9°59′E
Depth [I10] 530 meters 53°19′S 22°10′E
(5(53), 6(64)99 Cape Town)

21 (INT 21) 4Ed. 3/30/96 LAST NM 45/99 52/99
Delete Depth 49 meters 33°54′S 26°47′E
(5(58)99 Cape Town)

21 (INT 21) 4Ed. 3/30/96 LAST NM 52/99 34/00
Delete R Bn at light 26°40′S 15°05′E
R Bn at light 34°21′S 18°29′E
R Bn at light 34°50′S 20°01′E
R Bn at light 34°01′S 25°42′E
R Bn (AERO) at light 33°02′S 27°54′E
(3(36), 4(50)00 Cape Town)

21 (INT 21) 4Ed. 3/30/96 LAST NM 34/00 34/01
Delete Light 19°23′S 12°43′E
Light 20°03′S 13°03′E
(2(34)01 Cape Town)

21 (INT 21) 4Ed. 3/30/96 LAST NM 34/01 4/04
Delete Depth 95 meters and enclosing danger circle centered 33°15′S 16°39′E
(11-12(75)03 Cape Town)

21 (INT 21) 4Ed. 3/30/96 LAST NM 4/04 13/07
Add Depth 232 meters enclosed by dotted-line circle 33°58′S 02°24′W

Depth 768 meters 33°04′S 02°43′W
(NTM0014/2006)

21 (INT 21) 4Ed. 3/30/96 LAST NM 13/07 25/07
Substitute Depth 990 meters for 1360 meters 35°37′S 11°16′W

Add Depth 1589 meters enclosed by depth contour (2000-meter) 38°53′S 15°30′W
Depth 1350 meters enclosed by depth contour (2000-meter) 35°07′S 15°21′W
(NTM0011/2007)

21 (INT 21) 4Ed. 3/30/96 LAST NM 13/07 26/07
Substitute Depth 1271 meters for 1854 meters 33°42′S 14°19′W

Add Depth 1706 meters enclosed by dashed-line circle 29°41′S 14°05′W
Depth 1542 meters enclosed by dashed-line circle 31°10′S 13°42′W
Depth 1528 meters enclosed by dashed-line circle 32°10′S 13°00′W
Depth 1337 meters enclosed by dashed-line circle 32°30′S 14°06′W
Depth 870 meters enclosed by dashed-line circle 34°38′S 15°18′W
(NTM0011/2007)

21 (INT 21) 4Ed. 3/30/96 LAST NM 26/07 41/07
Add Depth 1091 meters 46°53′S 7°44′E
Depth 950 meters 54°15′S 1°38′E
Depth 1327 meters 55°06′S 3°45′E
Depth 1286 meters 55°25′S 6°05′E
(NTM0011/2007)

★**22** (INT 22) 1Ed. 11/14/81 NEW CHART 2/82
Add Depth 638 meters 31°46′S 2°12′E
(DMAHTC; 44(2598)81 Taunton)

22 (INT 22) 1Ed. 11/14/81 LAST NM 2/82 13/82
Add Depth 230 meters 26°12′S 6°15′E
(1(15)82 Cape Town)

22 (INT 22) 1Ed. 11/14/81 LAST NM 13/82 21/82
Delete Depth 272 meters 1°10′N 30°19′W

Add Depths
275 meters 3°38′S 36°43′W
1680 meters 1°23′N 30°25′W
(15(132)81; 1(18)82 Rio de Janeiro)

22 (INT 22) 1Ed. 11/14/81 LAST NM 21/82 22/82
Substitute Depth 49 meters for 19 meters 0°07′N 45°30′W
(15(133)81 Rio de Janeiro)

22 (INT 22) 1Ed. 11/14/81 LAST NM 22/82 32/82
Substitute Depth 23 meters for 27 meters 17°50′S 35°58′W
(22(222)81 Rio de Janeiro)

22 (INT 22) 1Ed. 11/14/81 LAST NM 32/82 45/82
Delete Danger circles "ED" 17°10′S 35°42′W
17°35′S 35°15′W
(12(114)82 Rio de Janeiro)

22 (INT 22) 1Ed. 11/14/81 LAST NM 45/82 46/82
Substitute Depth 70 meters for 95 meters 9°43.9′S 12°48.3′W
(28(1714)82 Taunton)

22 (INT 22) 1Ed. 11/14/81 LAST NM 46/82 47/82
Delete Light 0°43′S 8°41′E
(BA LL)

22 (INT 22) 1Ed. 11/14/81 LAST NM 47/82 24/83
Add Light symbol 0°43′S 8°41′E
(Supersedes 47/82-22)
(9(41)83 Brest)

22 (INT 22) 1Ed. 11/14/81 LAST NM 24/83 30/83
Delete Depth 22 meters 33°50′S 3°10′W
(5(40)83 Cape Town)

22 (INT 22) 1Ed. 11/14/81 LAST NM 30/83 31/83
Substitute Depth 48 meters for 18 meters 3°26′S 35°03′W

Add Depth 27 meters 20°32′S 38°07′W
(NVS6978/83)

22 (INT 22) 1Ed. 11/14/81 LAST NM 31/83 37/83
Add Depth 598 meters 30°40′S 35°27′W
(29(1876)83 Taunton)

22 (INT 22) 1Ed. 11/14/81 LAST NM 37/83 43/83
Relocate R Bn (AERO) close NNE to 8°02′S 34°57′W
(14(119)83 Rio de Janeiro)

22 (INT 22) 1Ed. 11/14/81 LAST NM 43/83 6/84
Add Depth 29 meters "Rep (1983)" 3°53′N 48°50′W
(22(202)83 Rio de Janeiro)

22 (INT 22) 1Ed. 11/14/81 LAST NM 6/84 23/84
Delete Depth 256 meters 8°20′S 16°53′W

Add Depth 256 meters 8°28.8′S 17°04.6′W
(NVS7266/84)

22 (INT 22) 1Ed. 11/14/81 LAST NM 23/84 24/84
Add Depth 146 meters 4°29′N 9°18′W
(BA CH 1365)

22 (INT 22) 1Ed. 11/14/81 LAST NM 24/84 27/84
Change Legend "Kitona Base" to "Banana" 6°10′S 13°10′E
(17(1103)84 Taunton)

22 (INT 22) 1Ed. 11/14/81 LAST NM 27/84 35/84
Delete Depth 214 meters 39°28′S 6°37′W

Add Depths
240 meters 39°27′S 7°58′W
176 meters 39°32′S 6°37′W
(28(1822)84 Taunton)

22 (INT 22) 1Ed. 11/14/81 LAST NM 35/84 47/84
Add R Bn (AERO) (PA) 15°56′S 5°43′W
(30(1968)84 Taunton)

22 (INT 22) 1Ed. 11/14/81 LAST NM 47/84 7/85
Add Depth 11 meters "Rep (1984)" 3°16′N 48°20′W
(NVS7387/85)

22 (INT 22) 1Ed. 11/14/81 LAST NM 7/85 9/85
Delete Depths
124 meters 15°41.5′S 6°59.0′W
655 meters 42°29.0′S 1°29.0′W

Add Depths
105 meters 15°38.5′S 6°57.5′W
326 meters 42°33.0′S 1°31.0′W
(2(129)84 Taunton; 10(96)84 Cape Town)

22 (INT 22) 1Ed. 11/14/81 LAST NM 9/85 17/85
Add Depths
22 meters 33°50.0′S 3°09.0′W
232 meters 33°58.0′S 2°25.0′W
(12(150)84 Rio de Janeiro)

22 (INT 22) 1Ed. 11/14/81 LAST NM 17/85 33/85
Add Depth 35 meters 16°35.1′S 38°29.0′W
(7(69)85 Rio de Janeiro)

22 (INT 22) 1Ed. 11/14/81 LAST NM 33/85 40/85
Add Depth
12 meters "Rep (1966)" (PA) 21°25.0′S 40°13.0′W
10 meters "Rep (1985)" (PA) 3°24.0′N 48°12.9′W
(HNNM7581, 7572/85)

22 (INT 22) 1Ed. 11/14/81 LAST NM 40/85 42/85
Add R Bn with light flare symbol 20°30′S 29°20′W
(35(2351)85 Taunton)

22 (INT 22) 1Ed. 11/14/81 LAST NM 42/85 15/86
Substitute Depth 143 meters for 150 meters 40°10′S 8°34′W
(2(24)86 Cape Town)

22 (INT 22) 1Ed. 11/14/81 LAST NM 15/86 35/86
Substitute Depth 10 meters (PA) for 16 meters 3°19.0′N 48°08.0′W
(12(159)86 Rio de Janeiro)

22 (INT 22) 1Ed. 11/14/81 LAST NM 35/86 39/86
Delete Depth 118 meters (PD) 4°15′S 34°55′W
(17(1276)86 Taunton)

22 (INT 22) 1Ed. 11/14/81 LAST NM 39/86 45/86
Add Depth 1699 meters 37°41′S 16°03′E
(9(85)86 Cape Town)

22 (INT 22) 1Ed. 11/14/81 LAST NM 45/86 28/87
Add Depth 153 meters "Rep (1987)" 27°17′S 39°03′W
(8(650)87 Taunton)

22 (INT 22) 1Ed. 11/14/81 LAST NM 28/87 45/87
Add Light symbol, R Bn with legend
"Doringbaai" 31°49′S 18°14′E
(8(54)87 Cape Town)

22 (INT 22) 1Ed. 11/14/81 LAST NM 45/87 6/88
Delete Depth 35 meters 5°32′N 10°08′W
(MCNM8046/88)

22 (INT 22) 1Ed. 11/14/81 LAST NM 6/88 26/88
Add Legend "(ED)" to depth 78 meters 6°30′N 52°16′W
(53(61)87 Brest)

22 (INT 22) 1Ed. 11/14/81 LAST NM 26/88 36/88
Add Depth 159 meters 3°29′S 37°30′W
(MCNM8136/88)

22 (INT 22) 1Ed. 11/14/81 LAST NM 36/88 38/88
Add Depth 22 meters enclosed by
danger circle (PA) 4°53′S 35°01′W
(12(N183)88 Rio de Janeiro)

22 (INT 22) 1Ed. 11/14/81 LAST NM 38/88 20/89
Add Depth 104 meters enclosed by
danger circle "Rep (1988)" (PA) 20°43′S 32°15′W
(20(E310)88 Rio de Janeiro)

22 (INT 22) 1Ed. 11/14/81 LAST NM 20/89 21/89
Add Depth 90 meters 40°06′S 9°07′W
(14(1105)89 Taunton)

22 (INT 22) 1Ed. 11/14/81 LAST NM 21/89 33/89
Add Depth 213 meters 9°45′S 12°05′W
(25(1880)89 Taunton)

22 (INT 22) 1Ed. 11/14/81 LAST NM 33/89 40/89
Delete R Bns (AERO) 1°23′S 48°28′W
5°10′S 37°21′W
8°02′S 34°57′W
(10(G152)89 Rio de Janeiro)

22 (INT 22) 1Ed. 11/14/81 LAST NM 40/89 8/90
Delete R Bn (AERO) at light 4°15′N 7°43′W
(44(3315)89 Taunton)

22 (INT 22) 1Ed. 11/14/81 LAST NM 8/90 26/90
Delete R Bn (AERO) 5°40′N 0°04′E
(MCNM1027/90)

22 (INT 22) 1Ed. 11/14/81 LAST NM 26/90 28/90
Delete Depth 143 meters
and enclosing depth contour 7°46.0′N 56°49.0′W
(MCNM1032/90)

22 (INT 22) 1Ed. 11/14/81 LAST NM 28/90 31/90
Add Depth 7 meters 17°10′S 37°01′W
(15(1181)90 Taunton)

22 (INT 22) 1Ed. 11/14/81 LAST NM 31/90 39/90
Delete Depth 9 meters "P.A." 4°00′S 36°04′W
(27(1940)90 Taunton)

22 (INT 22) 1Ed. 11/14/81 LAST NM 39/90 47/90
Substitute Depth 26 meters for 29 meters 35°02′S 19°56′E
(26(1851)90 Taunton)

22 (INT 22) 1Ed. 11/14/81 LAST NM 47/90 51/90
Delete Depth 18 meters 5°29′N 0°36′E
(34(2403)90 Taunton)

22 (INT 22) 1Ed. 11/14/81 LAST NM 51/90 16/91
Add Legend "Volcanic Activity Rep (1989)"
to depth 90 meters 40°06′S 9°07′W
(MCNM1046/90)

22 (INT 22) 1Ed. 11/14/81 LAST NM 16/91 17/91
Add Depth 677 meters 43°00′S 2°31′W
(MCNM1079/91)

22 (INT 22) 1Ed. 11/14/81 LAST NM 17/91 18/91
Add Depths
701 meters 6°28′S 1°12′E
661 meters 9°30′S 0°28′W
(7(499)91 Taunton)

22 (INT 22) 1Ed. 11/14/81 LAST NM 18/91 29/91
Substitute Depth 1300 meters for 1800 meters 42°45′S 7°46′W
(5(31)91 Cape Town)

22 (INT 22) 1Ed. 11/14/81 LAST NM 29/91 50/91
Delete Depth 152 meters 36°15′S 20°50′E

Add Depth 112 meters 36°29′S 20°54′E
(27(1951)91 Taunton)

22 (INT 22) 1Ed. 11/14/81 LAST NM 50/91 4/92
Add Depth 576 meters 19°26′S 10°07′E
(34(2452)91 Taunton)

22 (INT 22) 1Ed. 11/14/81 LAST NM 4/92 29/93
Delete Light 0°38′S 8°42′E
(BA LL)

22 (INT 22) 1Ed. 11/14/81 LAST NM 29/93 36/93
Delete R Bn (AERO) 0°23′N 6°42′E

Add Depth 269 meters 38°45′S 11°42′W
(6(49)93 Cape Town; BA RA)

22 (INT 22) 1Ed. 11/14/81 LAST NM 36/93 51/93
Delete R Bn 0°46′N 50°07′W
(19(165)93 Rio de Janeiro)

22 (INT 22) 1Ed. 11/14/81 LAST NM 51/93 30/94
Add Depth 2.4 meters enclosed by
danger circle 20°03.5′S 37°07.5′W
(9(83)94 Rio de Janeiro)

22 (INT 22) 1Ed. 11/14/81 LAST NM 30/94 43/94
Delete Depth 2.4 meters and enclosing
danger circle 20°03.5′S 37°07.5′W
(Cancels 30/94-22)
(9(83)94 Rio de Janeiro)

22 (INT 22) 1Ed. 11/14/81 LAST NM 43/94 29/95
Add Depth 587 meters 6°21′N 32°58′W
(14(56)95 Brest)

22 (INT 22) 1Ed. 11/14/81 LAST NM 29/95 1/96
Add Light symbol 6°03′S 35°07′W
(20(217P)95 Rio de Janeiro)

22 (INT 22) 1Ed. 11/14/81 LAST NM 1/96 8/96
Add Light symbol 31°53′S 51°46′W
(11(132)95 Rio de Janeiro)

22 (INT 22) 1Ed. 11/14/81 LAST NM 8/96 11/96
Add Light symbol 2°23′S 43°16′W
(22(243)95 Rio de Janeiro)

22 (INT 22) 1Ed. 11/14/81 LAST NM 11/96 29/96
Add Depth
234 meters 6°19′N 22°37′W
762 meters 6°10′N 24°52′W
(23(1907)96 Taunton)

22 (INT 22) 1Ed. 11/14/81 LAST NM 29/96 32/97
Delete R Bn at light 1°17′S 44°54′W
(12(99)97 Rio de Janeiro)

22 (INT 22) 1Ed. 11/14/81 LAST NM 32/97 7/98
Delete Depth 73 meters 30°55′S 15°08′E
(39(3484)97 Taunton)

22 (INT 22) 1Ed. 11/14/81 LAST NM 7/98 11/98
Delete R Bn (AERO) at light 11°00′S 37°04′W
(GIMM002/98)

22 (INT 22) 1Ed. 11/14/81 LAST NM 11/98 44/98
Substitute Depth 7 meters for 11 meters 31°41.0′S 8°22.0′E
(6(462)98 Taunton)

22 (INT 22) 1Ed. 11/14/81 LAST NM 44/98 45/99
Delete R Bn at light 22°54′S 14°26′E
(5(53)99 Cape Town)

22 (INT 22) 1Ed. 11/14/81 LAST NM 45/99 9/00
Delete Depth 13 meters 16°59′S 37°40′W

Depth 12 meters and enclosing
dotted-line circle centered 17°00′S 37°00′W
(24(188)99 Rio de Janeiro)

22 (INT 22) 1Ed. 11/14/81 LAST NM 9/00 34/00
Delete R Bn at light 26°40′S 15°05′E
R Bn at light 31°49′S 18°20′E
R Bn at light 34°21′S 18°29′E
R Bn at light 34°50′S 20°01′E
R Bn at light 34°13′S 24°50′E
R Bn at light 34°02′S 25°42′E
R Bn at light 33°02′S 27°54′E
R Bn 34°25′S 20°50′E
R Bn (AERO) 34°11′S 22°09′E
(3(36), 4(50)00 Cape Town)

22 (INT 22) 1Ed. 11/14/81 LAST NM 34/00 18/03
Delete R Bn (AERO) 4°50′N 52°22′W
(7(56)00 Brest)

22 (INT 22) 1Ed. 11/14/81 LAST NM 18/03 4/04
Delete Depth 95 meters and enclosing danger circle
centered 33°12′S 16°39′E
(11-12(75)03 Cape Town)

22 (INT 22) 1Ed. 11/14/81 LAST NM 4/04 11/06
Add Depth 380 meters 30°48′S 35°18′W
Depth 549 meters 33°35′S 31°12′W
Depth 996 meters 33°40′S 30°56′W
(NTM0014/2006)

22 (INT 22) 1Ed. 11/14/81 LAST NM 11/06 13/07
Delete Depth 22 meters 33°50′S 4°09′W
Depth 887 meters 33°42′S 3°40′W

Add Depth 1620 meters 33°33′S 0°52′W
Depth 1284 meters 34°08′S 1°52′W
Depth 1087 meters 34°40′S 4°27′W
Depth 918 meters 34°33′S 3°47′W
Depth 775 meters 33°52′S 3°34′W
Depth 768 meters 33°04′S 2°43′W
Depth 1567 meters 32°58′S 5°08′W
Depth 2648 meters 31°17′S 0°37′W
(NTM0014/2006)

★24 20Ed. 12/6/20 NEW EDITION 49/20
(USHO)

24 20Ed. 12/6/20 LAST NM 49/20 8/87
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)

★**50** (INT 50) 6Ed. 6/03 NEW EDITION 32/03
(NOS)

50 (INT 50) 6Ed. 6/03 LAST NM 32/03 34/03
Relocate Superbuoy ODAS "46066" from 52°38′N 155°00′W to 53°15′N 155°09′W

Add Superbuoy ODAS [Q58] "46084" 56°35′N 136°10′W
Superbuoy ODAS [Q58] "46082" 59°37′N 143°40′W
Superbuoy ODAS [Q58] "46080" 58°00′N 150°00′W
(26/03 CG17)

50 (INT 50) 6Ed. 6/03 LAST NM 34/03 40/03
Add Superbuoy ODAS [Q58] "46012" 37°22′N 122°53′W
(35/03 CG11)

50 (INT 50) 6Ed. 6/03 LAST NM 40/03 50/03
Add Superbuoy ODAS [Q58] "46072" Y, Fl(4) Y 20s 51°38′N 172°09′W

(Continuation)
Add Superbuoy ODAS [Q58] "46072" Y, Fl(4) Y 20s 51°38′N 172°09′W
(NTM0022/2003)

50 (INT 50) 6Ed. 6/03 LAST NM 50/03 8/05
Add Superbuoy ODAS [Q58] "46089" Y, Fl(4) Y 20s 45°53′N 125°46′W
(46/04 CG13)

50 (INT 50) 6Ed. 6/03 LAST NM 8/05 26/05
Add Depth 3968 meters "Rep (2004)" 19°01′N 134°33′W
(NTM0025/2005)

50 (INT 50) 6Ed. 6/03 LAST NM 26/05 33/05
Add Depth 457 meters 21°44′N 158°38′W
(NTM0013/2005)

50 (INT 50) 6Ed. 6/03 LAST NM 33/05 5/06
Delete Light symbol 43°20′N 124°21′W
(1/06 CG13)

50 (INT 50) 6Ed. 6/03 LAST NM 5/06 8/06
Change Legend "12°E (3′W)" to "14°E (3′W)" 32°55′N 142°00′W
(NTM0010/2006)

50 (INT 50) 6Ed. 6/03 LAST NM 8/06 10/06
Add Danger circle [K1] "Subm buoys (cov 20m)" 50°00′N 145°00′W
(NTM0010/2006)

50 (INT 50) 6Ed. 6/03 LAST NM 10/06 18/06
Substitute Depth 62 meters for 75 meters 32°39′N 117°58′W
Depth 89 meters for 97 meters 32°05′N 118°10′W
(NTM0023/2006)

50 (INT 50) 6Ed. 6/03 LAST NM 18/06 30/06
Add Depth 526 meters "Rep (2005)" 31°22′N 118°37′W
(NTM0019/2005)

50 (INT 50) 6Ed. 6/03 LAST NM 30/06 31/06
Add Superbuoy ODAS [Q58] "46022" Y, Fl(4) Y 20s 40°47′N 124°33′W
(3/06 CG11)

50 (INT 50) 6Ed. 6/03 LAST NM 31/06 52/06
Add Superbuoy ODAS [Q58] "46014" Y, Fl(4) Y 20s 39°12′N 123°58′W
(40/06 CG11)

50 (INT 50) 6Ed. 6/03 LAST NM 52/06 4/07
Substitute Depth 399 meters for 388 meters 25°20′N 119°31′W

Add Depth 737 meters 25°42′N 119°38′W
(NTM0042/2006)

50 (INT 50) 6Ed. 6/03 LAST NM 4/07 8/07
Delete Position circle 47°54′N 124°39′W

Add Superbuoy ODAS [Q58] "46419" Y, Fl(4) Y 20s 48°29′N 129°22′W
(32, 34/06 CG13)

50 (INT 50) 6Ed. 6/03 LAST NM 8/07 19/07
Add Superbuoy ODAS [Q58] "46411" Y, Fl(4) Y 20s 39°20′N 127°00′W
Superbuoy ODAS [Q58] "46412" Y, Fl(4) Y 20s 32°15′N 120°42′W
(12/07 CG11)

50 (INT 50) 6Ed. 6/03 LAST NM 19/07 34/07
Add Superbuoy ODAS [Q58] "46015" Y, Fl(4) Y 20s 42°45′N 124°50′W
(23/07 CG13)

50 (INT 50) 6Ed. 6/03 LAST NM 34/07 36/07
Add Superbuoy ODAS [Q58] "46053" Y, Fl(4) Y 20s 34°14′N 119°51′W
(9/07 CG11)

50 (INT 50) 6Ed. 6/03 LAST NM 36/07 2/08
Add Superbuoy DART [Q26] "21415" RW, Fl(4) Y 20s 50°10′N 171°50′W

(Continuation)
Add Superbuoy DART [Q26] "21415" RW, Fl(4) Y 20s 50°10′N 171°50′W
(31/07 CG17)

50 (INT 50) 6Ed. 6/03 LAST NM 2/08 3/08
Substitute Depth 25 meters for 23 meters 53°18′N 135°39′W
(NOS)

★**51** (INT 51) 1Ed. 2/6/82 NEW CHART 18/82
(DMAHTC)

51 (INT 51) 1Ed. 2/6/82 LAST NM 18/82 52/82
Add Depth 109 meters "Rep (1982)" 5°05′N 108°18′W
(NVS6821/82)

51 (INT 51) 1Ed. 2/6/82 LAST NM 52/82 3/83
Add Depth 46 meters "Rep (1981)" (PA) 29°33.0′N 116°28.0′W
(NVS6837/82)

51 (INT 51) 1Ed. 2/6/82 LAST NM 3/83 13/83
Delete Depth 2793 meters 22°50′N 117°22′W

Substitute Depth 439 meters for 521 meters 13°28′N 119°49′W

Add Depths
3902 meters 23°03′N 117°22′W
695 meters 28°45′N 116°00′W
388 meters 25°39′N 119°20′W
543 meters 15°20′N 110°56′W
(NVS6883/83)

51 (INT 51) 1Ed. 2/6/82 LAST NM 13/83 22/83
Add Depth 19 meters "Rep (1983)" 10°05.6′N 87°09.5′W
(NVS6930/83)

51 (INT 51) 1Ed. 2/6/82 LAST NM 22/83 37/83
Add Depth 302 meters "Rep (1983)" 19°11.5′N 105°00.0′W
(NVS7017/83)

51 (INT 51) 1Ed. 2/6/82 LAST NM 37/83 43/83
Substitute Depth 803 meters for 244 meters 29°13′N 116°19′W
(NVS6883/83)

51 (INT 51) 1Ed. 2/6/82 LAST NM 43/83 48/83
Substitute Depths
270 meters for 215 meters 0°13′S 88°43′W
184 meters for 197 meters 7°32′N 84°02′W

Add Depths
549 meters 7°45′N 85°52′W
925 meters 7°19′N 85°41′W
887 meters 7°40′N 84°45′W
439 meters 3°18′N 88°17′W
(NVS6906/83)

51 (INT 51) 1Ed. 2/6/82 LAST NM 48/83 52/83
Add Depth 68 meters "Rep (1983)" 12°25′N 88°17′W
(NVS0011/83)

51 (INT 51) 1Ed. 2/6/82 LAST NM 52/83 1/84
Add Depth 357 meters (PA) 6°59′N 81°42′W
(NVS7138/83)

51 (INT 51) 1Ed. 2/6/82 LAST NM 1/84 7/84
Add Chartlet, depicting changes in
hydrography, from back of Section I 30°30′N 123°20′W
(US CH E1306)

51 (INT 51) 1Ed. 2/6/82 LAST NM 7/84 17/84
Delete Light 9°32′N 85°06′W
(NVS7233/84)

51 (INT 51) 1Ed. 2/6/82 LAST NM 17/84 6/85
Substitute Depths
1518 meters for 518 meters 7°02′N 161°55′W
1327 meters for 1827 meters 5°00′N 161°10′W
(NVS7383/85)

51 (INT 51) 1Ed. 2/6/82 LAST NM 6/85 19/85
Add Depth 225 meters "Rep (1984)" 9°29′N 160°58′W
(NVS7391/85)

51 (INT 51) 1Ed. 2/6/82 LAST NM 19/85 34/85
Add Purple dashed lines
(recommended route)
between 35°00′N 123°00′W
40°00′N 126°40′W

between 35°00′N 123°23′W
40°00′N 127°00′W

between 37°58′N 123°03′W
39°53′N 126°31′W

between 40°06′N 127°05′W
37°55′N 123°05′W

NOTE
"NOTE A
US Trans-Alaskan Pipeline
System (TAPs) routes are recommended
for safe routing of tank vessels between
the Port of Valdez AK and US west
coast ports. These are not IMO
adopted recommended routes." 33°30′N 105°00′W

Legend "See Note A" 38°00′N 125°20′W

Purple open-outlined arrows indicating
flow of traffic oriented
330.1° 38°00′N 124°40′W
150.1° 38°00′N 126°00′W
305.5° 39°10′N 124°40′W
125.2° 38°30′N 124°40′W
(HNNM7457/85)

51 (INT 51) 1Ed. 2/6/82 LAST NM 34/85 5/87
Add Superbuoy ODAS "32301", yellow,
Fl(4) Y 20s 9°50.5′S 105°09.0′W
(MCNM7785/86)

★**51** (INT 51) 1Ed. 2/6/82 LAST NM 5/87 36/87
Add Light flare symbols 19°31′N 154°49′W
20°15′N 155°46′W
21°35′N 158°16′W

Superbuoys, each ODAS, yellow,
Fl(4) Y 20s
"51001" 23°26′N 162°18′W
"51002" 17°11′N 157°50′W
"51003" 19°11′N 160°49′W
"51004" 17°32′N 152°37′W
"51005" 20°21′N 156°04′W
(26/87 CG14)

51 (INT 51) 1Ed. 2/6/82 LAST NM 36/87 15/88
Delete Depth 62 meters 6°40.0′S 81°20.0′W
(3(269)88 Taunton)

51 (INT 51) 1Ed. 2/6/82 LAST NM 15/88 19/88
Add Depth 74 meters "Rep (1987)"
(PA) (ED) 36°18′N 163°16′W
(MCNM8089/88)

51 (INT 51) 1Ed. 2/6/82 LAST NM 19/88 36/88
Delete Depth 42 meters 4°58′S 82°10′W
(MCNM8141/88)

51 (INT 51) 1Ed. 2/6/82 LAST NM 36/88 39/88
Substitute Depth 626 meters for 1544 meters 16°03′N 108°39′W
(MCNM8144/88)

51 (INT 51) 1Ed. 2/6/82 LAST NM 39/88 44/88
Delete R Bn at light 6°52′S 80°45′W
(5(31)88 Callao)

51 (INT 51) 1Ed. 2/6/82 LAST NM 44/88 27/89
Delete Purple dashed lines (recommended
route) and directional arrows
between 38°00′N 123°00′W
40°00′N 127°00′W

between 40°00′N 127°00′W
35°00′N 123°20′W

Legend "See Note A" 38°00′N 125°20′W

Note A 33°30′N 105°00′W
(MCNM1068/89)

51 (INT 51) 1Ed. 2/6/82 LAST NM 27/89 31/90
Add R Bn (AERO) 8°50.0′S 140°13.0′W
(10(45)90 Brest)

51 (INT 51) 1Ed. 2/6/82 LAST NM 31/90 39/90
Add Depth 17 meters "Rep (l989)"
enclosed by danger circle 14°37′N 93°57′W
(30(2165)90 Taunton)

51 (INT 51) 1Ed. 2/6/82 LAST NM 39/90 13/91
Add Depth 532 meters "Rep (1990)" 4°25.2′S 109°58.3′W
(MCNM1079/91)

51 (INT 51) 1Ed. 2/6/82 LAST NM 13/91 22/91
Relocate Superbuoy ODAS "51004"
(17°32′N 152°37′W) to 17°32′N 152°28′W
(10/91 CG14)

51 (INT 51) 1Ed. 2/6/82 LAST NM 22/91 13/92
Relocate Superbuoy ODAS "51004"
(17°32′ N 152°28′W) to 17°26′N 152°30′W
(See 22/91-51)
(10/92 CG14)

51 (INT 51) 1Ed. 2/6/82 LAST NM 13/92 26/93
Delete Superbuoy ODAS "51005" 20°21.0′N 156°04.3′W
(19/93 CG14)

51 (INT 51) 1Ed. 2/6/82 LAST NM 26/93 33/93
Add R Bn (AERO) 10°23′S 161°00′W
(24(184)93 Auckland)

51 (INT 51) 1Ed. 2/6/82 LAST NM 33/93 18/94
Delete R Bn at light 37°42′N 123°00′W
(12/94 CG11)

51 (INT 51) 1Ed. 2/6/82 LAST NM 18/94 13/95
Delete R Bn at light 34°01′N 119°22′W
34°35′N 120°39′W
36°18′N 121°54′W
38°57′N 123°45′W
(USCG LL)

51 (INT 51) 1Ed. 2/6/82 LAST NM 13/95 26/95
Delete R Bn at light 32°40′N 117°15′W
(20/95 CG11)

51 (INT 51) 1Ed. 2/6/82 LAST NM 26/95 27/95
Delete R Bn at light 37°11′N 122°24′W
(21/95 CG11)

51 (INT 51) 1Ed. 2/6/82 LAST NM 27/95 35/95
Add Depth 710 meters 12°02′S 148°29′W
(21(16)95 Brest)

51 (INT 51) 1Ed. 2/6/82 LAST NM 35/95 36/96
Delete R Bn (AERO) 8°50.0′S 140°13.0′W
(BA RA)

51 (INT 51) 1Ed. 2/6/82 LAST NM 36/96 52/96
Add Depth 54 meters 10°13′S 137°55′W
(Fr CH 7371)

51 (INT 51) 1Ed. 2/6/82 LAST NM 52/96 36/97
Delete R Bn at light 1°50′N 78°41′W
3°45′N 77°05′W
4°15′N 77°29′W
(12/97 Bogota)

51 (INT 51) 1Ed. 2/6/82 LAST NM 36/97 29/00
Add Depth 3639 meters "Rep (2000)" (PA) 20°34′N 159°23′W
(NTM0013/2000)

51 (INT 51) 1Ed. 2/6/82 LAST NM 29/00 31/00
Add Depth 448 meters "Rep (2000)" 20°24′N 157°01′W
(NTM0013/2000)

51 (INT 51) 1Ed. 2/6/82 LAST NM 31/00 32/00
Substitute Depth 27 meters for 20 meters 8°22′S 140°54′W
Depth 49 meters for 38 meters 7°55′S 140°58′W
(4(21)99 Brest)

51 (INT 51) 1Ed. 2/6/82 LAST NM 32/00 15/01
Delete Islet 7°54′S 140°23′W
(44(52)00 Brest)

51 (INT 51) 1Ed. 2/6/82 LAST NM 15/01 7/02
Delete Legend "Depths 3 to 6 meters Rep (1960)"
8°02′S 137°30′W
Substitute Depth 9 meters for 11 meters 8°05′S 139°38′W
Depth 14 meters for 17 meters 8°42′S 140°46′W
(13(41)01 Brest)

51 (INT 51) 1Ed. 2/6/82 LAST NM 7/02 26/05
Add Depth 3968 meters "Rep (2004)" 19°01′N 134°33′W
(NTM0025/2005)

51 (INT 51) 1Ed. 2/6/82 LAST NM 26/05 33/05
Add Depth 457 meters 21°44′N 158°38′W
(NTM0013/2005)

51 (INT 51) 1Ed. 2/6/82 LAST NM 33/05 18/06
Substitute Depth 62 meters for 75 meters 32°39′N 117°58′W
Add Depth 89 meters 32°05′N 118°10′W
(NTM0023/2006)

51 (INT 51) 1Ed. 2/6/82 LAST NM 18/06 1/07
Add Legend "Lesser depths to 318m rep" 12°25′N 91°45′W
(NTM0042/2006)

51 (INT 51) 1Ed. 2/6/82 LAST NM 1/07 4/07
Delete Depth 388 meters 25°39′N 119°20′W
Substitute Depth 230 meters for 256 meters and enclosing
dotted-line circle 5°29′N 88°34′W
Add Depth 399 meters 25°20′N 119°31′W
Depth 737 meters 25°42′N 119°38′W
(NTM0042/2006)

51 (INT 51) 1Ed. 2/6/82 LAST NM 4/07 8/07
Delete Depth 16 meters, blue tint and enclosing
danger circle 16°32′N 116°50′W
(NTM0004/2007)

51 (INT 51) 1Ed. 2/6/82 LAST NM 8/07 45/07
Substitute Depth 237 meters for 230 meters 5°29′N 88°34′W
(See 4/07-51)
(NTM0026/2007)

51 (INT 51) 1Ed. 2/6/82 LAST NM 8/07 47/07
Add Depth 679 meters 8°19′N 85°01′W
(NTM0026/2007)

51 (INT 51) 1Ed. 2/6/82 LAST NM 47/07 50/07
Add Depth 705 meters 3°52′N 89°14′W
(NTM0026/2007)

★**52** (INT 52) 1Ed. 4/5/86 NEW CHART 23/86
Delete Depth 21.5 meters 26°48′N 125°15′E
R Bn (AERO) 9°30′N 161°56′E
Add R Bn (AERO) at light 10°03′N 158°12′E
Danger circle "Breakers (rep 1983)" 3°53′S 174°03′E
Legend "Breakers (rep 1980)" 6°46′N 177°30′E
Light flare symbol to light star 27°25′N 128°44′E
R Bns (AERO) 14°47′N 120°16′E
4°16′N 117°57′E
1°17′N 173°00′E
(DMAHTC; HNNM7662/86)

52 (INT 52) 1Ed. 4/5/86 LAST NM 23/86 30/86
Delete R Bn (AERO) 10°03′N 158°12′E
(See 23/86-52)
Add R Bn (AERO) 7°03′N 158°12′E
(DMAHTC)

52 (INT 52) 1Ed. 4/5/86 LAST NM 30/86 31/86
Delete R Bns (AERO) 11°30′S 161°56′E
7°03′N 158°12′E
(See 23, 30/86-52)
(DMAHTC)

52 (INT 52) 1Ed. 4/5/86 LAST NM 31/86 39/86
Change Designation of buoy to "(ODAS)" 28°59′N 135°00′E
(32(942)86 Tokyo)

52 (INT 52) 1Ed. 4/5/86 LAST NM 39/86 48/86
Change Designation of buoy to "(ODAS)" 28°10′N 126°20′E
(39(1173)86 Tokyo)

52 (INT 52) 1Ed. 4/5/86 LAST NM 48/86 52/86
Delete Buoy "(ODAS)" 25°40′N 135°55′E
(42(1259)86 Tokyo)

52 (INT 52) 1Ed. 4/5/86 LAST NM 52/86 10/87
Delete Danger circle 20°25′N 151°55′E
Substitute Depth 5156 meters for danger circle 20°31′N 152°49′E
(MCNM7903, 0001/87)

52 (INT 52) 1Ed. 4/5/86 LAST NM 10/87 44/87
Delete Depth 9 meters 12°30′S 167°20′E

Add Depth 40 meters 12°24′S 167°21′E
(34(2527)87 Taunton)

52 (INT 52) 1Ed. 4/5/86 LAST NM 44/87 46/87
Delete Superbuoy 38°30′N 145°30′E

Add Superbuoy "ODAS" with
light flare symbol 36°40′N 145°40′E
(29(817)87 Tokyo)

52 (INT 52) 1Ed. 4/5/86 LAST NM 46/87 48/87
Add Depth 454 meters 3°47′N 128°08′E
(MCNM0003/87)

52 (INT 52) 1Ed. 4/5/86 LAST NM 48/87 8/88
Add Dashed-line circle
"Discol water Rep (1987)" 27°00′N 141°00′E
(46(3493)87 Taunton)

52 (INT 52) 1Ed. 4/5/86 LAST NM 8/88 24/88
Add Buoys, each orange and white, conical
"ET3" 1°57′N 165°02′E
"ET4" 1°52′S 164°53′E
(53(46)87 Brest)

52 (INT 52) 1Ed. 4/5/86 LAST NM 24/88 12/89
Delete Depth
27 meters "Rep" 13°54′S 171°14′W
33 meters "Rep" 14°28′S 171°20′W
(4(30)89 Auckland)

52 (INT 52) 1Ed. 4/5/86 LAST NM 12/89 33/89
Add R Bn at lights 0°59′N 119°00′E
3°34′S 118°58′E
1°53′N 125°07′E

R Bn 5°24′S 118°26′E
8°30′S 140°23′E
(23(190-194)89 Jakarta)

52 (INT 52) 1Ed. 4/5/86 LAST NM 33/89 35/89
Add Depth 618 meters 2°50.5′N 125°03.6′E
(MCNM1090/89)

52 (INT 52) 1Ed. 4/5/86 LAST NM 35/89 37/89
Add Depth 74 meters "Rep (1974)" 27°43′N 175°35′W
(MCNM1071/89)

52 (INT 52) 1Ed. 4/5/86 LAST NM 37/89 38/89
Substitute Depth 508 meters for 605 meters 11°12′S 178°16′E

Add Depth 722 meters 11°46′S 179°23′E
(MCNM1103/89)

52 (INT 52) 1Ed. 4/5/86 LAST NM 38/89 41/89
Delete Buoys
"ET 3" 1°57′N 165°02′E
"ET 4" 1°52′S 164°53′E
(26(60)89 Brest)

52 (INT 52) 1Ed. 4/5/86 LAST NM 41/89 22/90
Add Light 8°19′S 125°08′E
(3(23)90 Jakarta)

52 (INT 52) 1Ed. 4/5/86 LAST NM 22/90 32/90
Substitute Depth 39 meters for 71 meters 30°25′N 129°30′E
(18(599)90 Tokyo)

52 (INT 52) 1Ed. 4/5/86 LAST NM 32/90 49/90
Add R Bn 0°50′S 131°12′E
(32(2297)90 Taunton)

52 (INT 52) 1Ed. 4/5/86 LAST NM 49/90 6/91
Delete R Bn (AERO) at light 8°34′S 125°34′E
(MCNM1027/90)

52 (INT 52) 1Ed. 4/5/86 LAST NM 6/91 33/91
Add Danger circle "Reef Rep (1991)" 3°07′S 148°10′E
(23(285)91 Sydney)

52 (INT 52) 1Ed. 4/5/86 LAST NM 33/91 28/92
Delete R Bn (AERO) at light 10°36′S 141°55′E
(18(297)92 Sydney)

52 (INT 52) 1Ed. 4/5/86 LAST NM 28/92 48/92
Delete Depth 299 meters 5°02′S 125°04′E
(32(1263)92 Tokyo)

52 (INT 52) 1Ed. 4/5/86 LAST NM 48/92 9/93
Delete Depth 207 meters 26°21′N 125°12′E

Add Depth 49 meters 26°24′N 125°04′E
(MCC1167/92)

52 (INT 52) 1Ed. 4/5/86 LAST NM 9/93 11/93
Delete R Bn at lights 37°00′N 140°59′E
34°53′N 139°54′E
34°36′N 138°14′E
34°21′N 130°51′E
33°26′N 135°45′E
32°43′N 133°01′E
(MCC1231/93)

52 (INT 52) 1Ed. 4/5/86 LAST NM 11/93 16/93
Add Depth
40 meters "Rep (1988)" 3°35′N 133°57′E
30 meters "Rep (1985)" 0°05′N 135°08′E
(50(60)92 Brest)

52 (INT 52) 1Ed. 4/5/86 LAST NM 16/93 17/93
Add R Bn 22°05′N 121°30′E
(11/93 Tso-ying)

52 (INT 52) 1Ed. 4/5/86 LAST NM 17/93 29/93
Delete Depth 320 meters 25°44′N 147°10′E
(12(457)93 Tokyo)

52 (INT 52) 1Ed. 4/5/86 LAST NM 29/93 32/93
Delete R Bn (AERO) 4°16′N 117°56′E
(16(1326)93 Taunton)

52 (INT 52) 1Ed. 4/5/86 LAST NM 32/93 34/93
Add Danger circle "Breakers Rep (1991)" 0°24′N 152°00′E
(MCC1265/93)

52 (INT 52) 1Ed. 4/5/86 LAST NM 34/93 48/93
Delete Dangerous submerged rock 27°18′N 143°48′E
(42(1667)93 Tokyo)

52 (INT 52) 1Ed. 4/5/86 LAST NM 48/93 2/94
Delete Depth 95 meters 10°10′S 126°12′E
(41(493)93 Sydney)

52 (INT 52) 1Ed. 4/5/86 LAST NM 2/94 12/94
Delete Depth 823 meters 9°38′S 146°04′E
(4(85)94 Sydney)

52 (INT 52) 1Ed. 4/5/86 LAST NM 12/94 16/94
Add R Bn 38°08′N 124°44′E
38°54′N 125°16′E
39°47′N 124°34′E
(ROK CH 317; BA RA)

52 (INT 52) 1Ed. 4/5/86 LAST NM 16/94 48/94
Add R Bn (AERO) 37°45′N 128°57′E
38°09′N 128°36′E
(ROK CH 154, 155; ROK LL)

52 (INT 52) 1Ed. 4/5/86 LAST NM 48/94 53/94
Add Danger circle
"Discol Water Rep (1992)" 19°45′N 145°43′E
(MCC1306/94)

52 (INT 52) 1Ed. 4/5/86 LAST NM 53/94 19/95
Delete Depth 5.4 meters 4°56′S 146°40′E

Add Rock which covers and uncovers 4°53′S 146°44′E
(8(139)95 Wollongong)

52 (INT 52) 1Ed. 4/5/86 LAST NM 19/95 41/95
Delete R Bn (AERO) 7°27′N 151°50′E
(BA RA)

52 (INT 52) 1Ed. 4/5/86 LAST NM 41/95 49/95
Delete Danger circle 5°07′S 147°08′E
(37(439)95 Wollongong)

52 (INT 52) 1Ed. 4/5/86 LAST NM 49/95 10/96
Add Depth 30 meters 8°25′N 148°13′E
(3(201)96 Taunton)

52 (INT 52) 1Ed. 4/5/86 LAST NM 10/96 42/96
Add Depth
442 meters 9°36′N 140°26′E
407 meters 7°58′N 137°19′E
676 meters 7°44′N 137°03′E
(35(2945)96 Taunton)

52 (INT 52) 1Ed. 4/5/86 LAST NM 42/96 4/97
Delete Depth 525 meters 22°11′N 141°42′E

Substitute Depth
99 meters for 214 meters 23°45′N 141°44′E
92 meters for 370 meters 23°04′N 142°19′E

Add Depth 94 meters 22°12′N 141°52′E
(46(3818)96 Taunton)

52 (INT 52) 1Ed. 4/5/86 LAST NM 4/97 5/98
Delete Dangerous submerged rock 28°12′N 142°23′E
(36(1640)97 Tokyo)

52 (INT 52) 1Ed. 4/5/86 LAST NM 5/98 6/99
Substitute Depth
14.5 meters for 53 meters 30°12′N 130°03′E
2.1 meters for 3.2 meters 30°03′N 129°52′E

Add Depth 50 meters 29°22′N 129°05′E
(50(2069, 2070)98 Tokyo)

52 (INT 52) 1Ed. 4/5/86 LAST NM 6/99 32/99
Substitute Depth 50 meters for dangerous submerged rock
31°55′N 140°02′E
(25(1087)99 Tokyo)

52 (INT 52) 1Ed. 4/5/86 LAST NM 32/99 40/99
Delete Depth 50 meters 31°00′N 139°00′E
(34(1382)99 Tokyo)

52 (INT 52) 1Ed. 4/5/86 LAST NM 40/99 42/99
Add R Bn [S10] 34°53′N 132°02′E
R Bn [S10] 33°52′N 129°41′E
(14(24, 27)98 Tokyo; Jpn LL)

52 (INT 52) 1Ed. 4/5/86 LAST NM 42/99 44/99
Delete R Bn at light 32°00′N 128°21′E

Add R Bn [S10] at light 32°37′N 128°36′E
(15(645)98 Tokyo)

52 (INT 52) 1Ed. 4/5/86 LAST NM 44/99 15/01
Add Depth 1200 meters "Rep (2000)" [I3.2] 5°53′N 165°22′W
(42(4094)00 Taunton)

52 (INT 52) 1Ed. 4/5/86 LAST NM 15/01 14/02
Add Depth 424 meters enclosed by depth contour
(1000-meter) 16°32′N 129°37′E
(13(1402)01 Taunton)

52 (INT 52) 1Ed. 4/5/86 LAST NM 14/02 18/02
Delete R Bn (AERO) 12°32′S 177°02′E

Add Depth 705 meters 8°04′N 143°26′E
Depth 575 meters 6°53′N 144°49′E
(6(58, 59)02 Wellington)

52 (INT 52) 1Ed. 4/5/86 LAST NM 18/02 52/04
Delete Depth 15.8 meters 21°35′N 120°34′E
(43(1107)04 Tokyo)

52 (INT 52) 1Ed. 4/5/86 LAST NM 52/04 9/05
Delete Depth 20 meters 21°32′N 121°16′E
(30(782)04 Tokyo)

52 (INT 52) 1Ed. 4/5/86 LAST NM 9/05 20/05
Delete R Bn (AERO) 15°10′N 145°43′E
(NOS)

52 (INT 52) 1Ed. 4/5/86 LAST NM 20/05 34/05
Add Depth 211 meters "Rep" [I4] 12°37′N 145°31′E
Depth 437 meters "Rep" [I4] 13°41′N 145°30′E
Depth 428 meters "Rep" [I4] 15°00′N 144°17′E
(BA CH 764)

52 (INT 52) 1Ed. 4/5/86 LAST NM 34/05 4/06
Delete Depth 437 meters "Rep" 13°41′N 145°30′E
(See 34/05-52)
(NTM0007/2006)

★**53** (INT 53) 2Ed. 8/6/94 NEW EDITION 49/94
(DMAHTC)

53 (INT 53) 2Ed. 8/6/94 LAST NM 49/94 25/96
Delete Depth 882 meters 45°58′N 149°32′E

Add Light symbol 46°50′N 151°52′E
Depth 541 meters 45°58′N 149°24′E

Danger circle
"Vol Activity Rep (1980)" 46°32′N 151°47′E
(17(1439)96 Taunton)

53 (INT 53) 2Ed. 8/6/94 LAST NM 25/96 32/96
Add Depth 12 meters "Rep (1986)" 55°31.3′N 145°49.5′E
(24(1995)96 Taunton)

53 (INT 53) 2Ed. 8/6/94 LAST NM 32/96 4/97
Delete Depth 370 meters "Unexamined (1982)" 22°58′N 142°18′E

Substitute Depth 99 meters for 214 meters 23°45′N 141°44′E

Add Depth 92 meters 23°04′N 142°19′E
(46(3818)96 Taunton)

53 (INT 53) 2Ed. 8/6/94 LAST NM 4/97 12/97
Substitute Depth 125 meters for 163 meters 28°54′N 178°37′W
(GIMM015/97)

53 (INT 53) 2Ed. 8/6/94 LAST NM 12/97 6/99
Substitute Depth
14.5 meters for 53 meters 30°12′N 130°03′E
2.1 meters for 3.2 meters 30°03′N 129°52′E

Add Depth 50 meters 29°22′N 129°05′E
(50(2069, 2070)98 Tokyo)

53 (INT 53) 2Ed. 8/6/94 LAST NM 6/99 32/99
Substitute Depth 50 meters for dangerous submerged rock
31°55′N 140°02′E
(25(1087)99 Tokyo)

53 (INT 53) 2Ed. 8/6/94 LAST NM 32/99 40/99
Delete Depth 50 meters 31°00′N 139°00′E
(34(1382)99 Tokyo)

53 (INT 53) 2Ed. 8/6/94 LAST NM 40/99 42/99
Add R Bn [S10] 34°53′N 132°02′E
R Bn [S10] 33°52′N 129°41′E
(14(24, 27)98 Tokyo; Jpn LL)

53 (INT 53) 2Ed. 8/6/94 LAST NM 42/99 44/99
Delete R Bn at light 32°00′N 128°21′E

Add R Bn [S10] at light 32°37′N 128°36′E
(15(645)98 Tokyo)

53 (INT 53) 2Ed. 8/6/94 LAST NM 44/99 52/99
Delete Light and R Bn 55°12′N 137°38′E
(14(1962)98 St. Petersburg)

53 (INT 53) 2Ed. 8/6/94 LAST NM 52/99 12/00
Add R Bn (AERO) [S16] 28°12′N 177°23′W
(NOS)

53 (INT 53) 2Ed. 8/6/94 LAST NM 12/00 5/02
Add Superbuoy ODAS [Q58] Y, Fl Y 4s 46°39′N 170°48′W
Superbuoy ODAS [Q58] Y, Fl Y 4s 50°27′N 165°02′W
Superbuoy ODAS [Q58] Y, Fl Y 4s 52°34′N 157°10′W
(32/01 CG13)

53 (INT 53) 2Ed. 8/6/94 LAST NM 5/02 17/02
Delete R Bn at light 57°09′N 170°14′W
(NOS)

53 (INT 53) 2Ed. 8/6/94 LAST NM 17/02 34/03
Add Superbuoy ODAS [Q58] "46035" Y, Fl(4) Y 20s 57°03′N 177°35′W
Superbuoy ODAS [Q58] "46066" Y, Fl(4) Y 20s 53°15′N 155°09′W
Superbuoy ODAS [Q58] "46072" Y, Fl(4) Y 20s 52°02′N 172°05′W
(26/03 CG17)

53 (INT 53) 2Ed. 8/6/94 LAST NM 34/03 50/03
Relocate Superbuoy ODAS "46072" from 52°02′N 172°05′W to 51°38′N 172°09′W
(See 34/03-53)
(NTM0022/2003)

53 (INT 53) 2Ed. 8/6/94 LAST NM 50/03 43/05
Delete Depth 164 meters 25°44′N 127°58′E
(Jpn CH W1203)

53 (INT 53) 2Ed. 8/6/94 LAST NM 43/05 53/05
Add Danger circle [K1] "seismometer" 33°46′N 137°36′E
(BA CH 996)

★**56** 38Ed. 9/17/73 NEW EDITION 43/73
(DMAHC)

56 38Ed. 9/17/73 LAST NM 43/73 8/87
Change Note in lower left margin of chart to

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(MCNM7880/87)

★**62** (INT 62) 3Ed. 6/22/96 NEW EDITION 36/96
(DMA)

62 (INT 62) 3Ed. 6/22/96 LAST NM 36/96 42/96
Delete R Bn (AERO) 12°10′N 69°01′W
(BA RA)

62 (INT 62) 3Ed. 6/22/96 LAST NM 42/96 36/97
Delete R Bn 1°47′N 78°43′W
3°51′N 77°05′W

R Bn at light 4°15′N 77°35′W
(12/97 Bogota)

62 (INT 62) 3Ed. 6/22/96 LAST NM 36/97 45/97
Add R Bn (AERO) at light symbol 47°43′S 74°55′W
(BA RA)

62 (INT 62) 3Ed. 6/22/96 LAST NM 45/97 16/98
Relocate R Bn (AERO) close N to 53°00′S 70°52′W
(12(1047)98 Taunton)

62 (INT 62) 3Ed. 6/22/96 LAST NM 16/98 51/98
Delete R Bn at light 36°36′S 73°03′W
38°26′S 73°55′W
(9(188)98 Valparaiso)

62 (INT 62) 3Ed. 6/22/96 LAST NM 51/98 9/00
Add Depth 471 meters enclosed by depth contour (1000-meter) 28°05′S 80°01′W
(43(4017)99 Taunton)

62 (INT 62) 3Ed. 6/22/96 LAST NM 9/00 11/06
Delete Depth 155 meters, blue tint and enclosing danger circle in vicinity 43°10′S 97°38′W

Add Depth 478 meters 25°38′S 99°05′W
Depth 500 meters 25°10′S 99°30′W
Depth 831 meters 25°06′S 90°48′W
Depth 925 meters 25°20′S 93°35′W
Depth 589 meters 25°33′S 93°00′W
Depth 994 meters 25°20′S 91°38′W
Depth 870 meters 24°30′S 94°42′W
Depth 424 meters 25°08′S 98°32′W
Depth 249 meters 25°04′S 97°28′W
Depth 460 meters 24°59′S 98°13′W
Depth 1181 meters 24°58′S 96°15′W
Depth 1516 meters 23°40′S 94°19′W
Depth 584 meters 43°08′S 98°00′W
Depth 135 meters 43°12′S 97°43′W
Depth 1224 meters 43°25′S 98°08′W
Depth 304 meters 26°57′S 110°17′W
Depth 965 meters 27°23′S 113°56′W
Depth 890 meters 26°14′S 115°00′W
Depth 781 meters 26°26′S 116°02′W
Depth 840 meters 26°48′S 113°48′W
Depth 1399 meters 24°36′S 118°27′W
Depth 1603 meters 23°31′S 116°06′W
Depth 1330 meters 26°10′S 118°39′W
Depth 807 meters 35°00′S 118°30′W
Depth 1485 meters 33°23′S 115°36′W
Depth 819 meters 34°19′S 111°37′W
Depth 1235 meters 33°48′S 112°26′W
Depth 955 meters 31°02′S 113°05′W
(NTM0014/2006)

★**62** (INT 62) 3Ed. 6/22/96 LAST NM 11/06 19/06
Add Depth 3330 meters enclosed by dashed-line circle 45°26′S 92°27′W
(NTM0024/2006)

62 (INT 62) 3Ed. 6/22/96 LAST NM 19/06 1/07
Add Legend "Tide Rips" and symbol [H44] 11°08′N 93°00′W
Legend "Lesser depths to 318m rep" 12°25′N 91°45′W
(US CH 21026; NTM0042/2006)

62 (INT 62) 3Ed. 6/22/96 LAST NM 1/07 4/07
Substitute Depth 230 meters for 256 meters and enclosing dotted-line circle 5°29′N 88°34′W
(NTM0042/2006)

62 (INT 62) 3Ed. 6/22/96 LAST NM 4/07 6/07
Add Depth 517 meters enclosed by dashed-line circle 10°23′S 94°36′W
Depth 1027 meters enclosed by dashed-line circle 14°17′S 97°23′W
Depth 1139 meters enclosed by dashed-line circle 14°09′S 96°35′W
Depth 1509 meters enclosed by dashed-line circle 15°25′S 99°04′W
Depth 1584 meters enclosed by dashed-line circle 15°04′S 97°30′W
(NTM0014/2006)

62 (INT 62) 3Ed. 6/22/96 LAST NM 6/07 16/07
Add Area "#66" (Red Dot Area), predicted depth 0 meter, bound by purple dashed line joining
43°11′S 98°08′W
43°16′S 97°25′W
43°58′S 97°06′W
43°18′S 98°14′W

(continued on next page)

62 (Continued) 16/07
Note from Subsection I-2 in lower left margin of chart
(NTM0009/2007)

62 (INT 62) 3Ed. 6/22/96 LAST NM 16/07 18/07
Delete R Bn at light 33°01′S 71°39′W

Substitute Racon for R Bn at light 29°56′S 71°22′W
(5(569)03 Taunton; 10(111)05 Valparaiso)

62 (INT 62) 3Ed. 6/22/96 LAST NM 18/07 41/07
Add Depth 254 meters 26°21′S 106°33′W
Depth 214 meters 26°38′S 106°13′W
Depth 608 meters 26°26′S 105°52′W
Depth 614 meters 26°24′S 104°51′W
Depth 415 meters 26°06′S 103°50′W
Depth 431 meters 25°59′S 103°21′W
Depth 179 meters 26°02′S 102°26′W
Depth 1304 meters 26°26′S 101°38′W
Depth 330 meters 26°00′S 100°44′W
Depth 987 meters 26°02′S 100°00′W
Depth 579 meters 27°06′S 109°41′W
Depth 581 meters 26°54′S 107°31′W
Depth 1399 meters 28°00′S 107°26′W
Depth 463 meters 27°10′S 106°29′W
Depth 1100 meters 27°36′S 105°39′W
Depth 976 meters 27°09′S 102°23′W
Depth 1051 meters 26°59′S 100°47′W
Depth 721 meters 26°36′S 104°55′W
(NTM0011/2007)

62 (INT 62) 3Ed. 6/22/96 LAST NM 41/07 45/07
Substitute Depth 237 meters for 230 meters 5°29′N 88°34′W
(See 4/07-62)
(NTM0026/2007)

62 (INT 62) 3Ed. 6/22/96 LAST NM 41/07 47/07
Add Depth 524 meters 6°29′N 81°53′W
Depth 679 meters 8°19′N 85°01′W
(NTM0026/2007)

★63 24Ed. 12/6/18 NEW EDITION 49/18
(USHO)

63 24Ed. 12/6/18 LAST NM 49/18 8/87
Change Note in lower left margin of chart to

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(MCNM7880/87)

★70 (INT 70) 4Ed. 9/21/96 NEW EDITION 1/97
Delete Depth
4574 meters 42°04′S 42°38′E
633 meters 41°28′S 42°50′E

Add Depth
270 meters 41°24′S 42°54′E
404 meters 42°04′S 42°45′E
553 meters 38°25′S 48°22′E
(NIMA; 32(2697)96 Taunton)

70 (INT 70) 4Ed. 9/21/96 LAST NM 1/97 40/97
Add Depth 317 meters 8°47′S 70°17′E
(27(2361)97 Taunton)

70 (INT 70) 4Ed. 9/21/96 LAST NM 40/97 15/98
Add Depth
553 meters 47°25′S 65°34′E
292 meters 49°38′S 66°48′E
270 meters 49°44′S 64°55′E
(41(3653)97 Taunton)

70 (INT 70) 4Ed. 9/21/96 LAST NM 15/98 2/99
Substitute Depth 72 meters for 90 meters 39°00′S 77°43′E
(35(23)98 Brest)

70 (INT 70) 4Ed. 9/21/96 LAST NM 2/99 34/00
Delete RC at light 29°56′S 31°00′E
RC and RC (AERO) at light 33°02′S 28°05′E
RC at light 34°02′S 25°55′E
(3(36)00 Cape Town)

70 (INT 70) 4Ed. 9/21/96 LAST NM 34/00 7/03
Delete Depth 23 meters, blue tint and enclosing dotted-line circle in vicinity 10°25′S 57°30′E
Depth 22 meters, blue tint and enclosing dotted-line circle in vicinity 6°26′S 58°32′E
(13(36)02 Brest)

70 (INT 70) 4Ed. 9/21/96 LAST NM 7/03 34/03
Delete RC (Aero) 12°09′S 96°49′E
(BA RA)

70 (INT 70) 4Ed. 9/21/96 LAST NM 34/03 35/07
Add Depth 854 meters enclosed by depth contour (1000-meter) centered 43°33′S 39°35′E
Depth 883 meters enclosed by depth contour (1000-meter) centered 45°49′S 43°09′E
Depth 1597 meters enclosed by depth contour (2000-meter) centered 48°42′S 44°14′E

Depth 75 meters "Rep (2006)" [I3.2] 42°56′S 41°54′E

Depth 956 meters enclosed by depth contour (1000-meter) centered 43°16′S 41°53′E
Depth 924 meters enclosed by depth contour (1000-meter) centered 43°33′S 40°45′E
(NTM0021/2007)

70 (INT 70) 4Ed. 9/21/96 LAST NM 35/07 38/07
Add Depth 1528 meters 39°58′S 76°32′E
Depth 1568 meters 39°37′S 77°40′E
Depth 920 meters 37°50′S 78°44′E

Depth 159 meters, blue tint and enclosing depth contour (200-meter) centered 38°28′S 77°57′E
(NTM0011/2007)

70 (INT 70) 4Ed. 9/21/96 LAST NM 38/07 39/07
Add Depth 540 meters "Rep" 35°10′S 80°39′E
Depth 428 meters 32°30′S 82°22′E
Depth 1795 meters 30°01′S 85°45′E
Depth 994 meters 32°21′S 85°16′E
(NTM0011/2007)

★71 (INT 71) 4Ed. 8/31/91 NEW EDITION 41/91
(DMAHTC)

71 (INT 71) 4Ed. 8/31/91 LAST NM 41/91 47/91
Delete Depth 29 meters 12°15′S 47°04′E

Dangerous submerged rock 11°58′S 46°27′E

Danger circle "Reef Rep (1974)" (ED) 11°43′S 46°15′E
(26(28)91 Brest)

71 (INT 71) 4Ed. 8/31/91 LAST NM 47/91 7/92
Delete Depth 521 meters 11°10′S 52°39′E
(MCC1165/92)

71 (INT 71) 4Ed. 8/31/91 LAST NM 7/92 11/92
Add R Bn (AERO) 7°08′S 56°16′E

Depth 389 meters 11°44′N 55°08′E
(50(3553)91, 1(51)92 Taunton)

71 (INT 71) 4Ed. 8/31/91 LAST NM 11/92 49/92
Delete RC at light 20°20′N 86°44′E

Add RC at light 20°15′N 86°39′E
(9(190)92 Dehra Dun; BA RA)

71 (INT 71) 4Ed. 8/31/91 LAST NM 49/92 9/93
Add Danger circle"Discol water (1992)" 11°35′N 55°57′E

R Bn (AERO) 0°42′S 73°10′E
(MCC1232/93; 32(2370)92 Taunton)

71 (INT 71) 4Ed. 8/31/91 LAST NM 9/93 11/93
Delete Light 21°39′N 69°33′E

Add RC 21°37′N 69°37′E
(29(2086)91 Taunton; 19(358)92 Dehra Dun)

71 (INT 71) 4Ed. 8/31/91 LAST NM 11/93 15/93
Add RC at light 19°15′N 84°54′E
(BA RA)

71 (INT 71) 4Ed. 8/31/91 LAST NM 15/93 16/93
Add RC at light 17°00′N 73°13′E
(23(434)92 Dehra Dun)

71 (INT 71) 4Ed. 8/31/91 LAST NM 16/93 38/93
Substitute Depth
386 meters for 631 meters 13°00′N 53°54′E
12 meters for 36 meters 8°10′N 78°24′E
59 meters for 100 meters 11°48′N 93°30′E

Add Light symbol 14°06′N 42°48′E
15°48′N 52°06′E

Light flare symbol to platform 19°30′S 116°52′E
(BA CH 4071)

71 (INT 71) 4Ed. 8/31/91 LAST NM 38/93 16/94
Add Light symbol and RC 14°15′N 80°08′E
(7(122)93 Dehra Dun)

71 (INT 71) 4Ed. 8/31/91 LAST NM 16/94 6/95
Add Depth 120 meters 12°15′N 73°45′E
(48(4020)94 Taunton)

71 (INT 71) 4Ed. 8/31/91 LAST NM 6/95 34/95
Delete RC (AERO) 11°39′N 92°43′E
19°45′S 63°22′E

RC (AERO) at light 17°03′S 42°42′E
15°52′S 54°29′E
2°00′N 45°20′E

Add RC (AERO) 7°17′S 72°23′E
4°02′S 39°37′E
(BA RA)

71 (INT 71) 4Ed. 8/31/91 LAST NM 34/95 37/95
Substitute Light symbol with RC (AERO) for
RC (AERO) 22°21′S 40°20′E
(26(2075)95 Taunton)

71 (INT 71) 4Ed. 8/31/91 LAST NM 37/95 40/95
Add Depth 650 meters 9°15′S 53°00′E
(24(23)95 Brest)

71 (INT 71) 4Ed. 8/31/91 LAST NM 40/95 46/95
Delete RC (AERO) 11°30′N 43°07′E
(BA RA)

71 (INT 71) 4Ed. 8/31/91 LAST NM 46/95 6/96
Delete Depth 120 meters 12°15′N 73°45′E
(Supersedes 6/95-71)
(48(3947)95 Taunton)

71 (INT 71) 4Ed. 8/31/91 LAST NM 6/96 8/96
Add Depth 311 meters 24°45′N 61°51′E
(Pak CH 33)

71 (INT 71) 4Ed. 8/31/91 LAST NM 8/96 14/96
Delete RC (AERO) 20°26′S 57°40′E
23°20′S 43°45′E
(BA RA)

71 (INT 71) 4Ed. 8/31/91 LAST NM 14/96 15/96
Add Depth 203 meters 7°39′N 76°34′E
(BA CH 1566)

71 (INT 71) 4Ed. 8/31/91 LAST NM 15/96 40/97
Add Depth 317 meters 8°47′S 70°17′E
(27(2361)97 Taunton)

71 (INT 71) 4Ed. 8/31/91 LAST NM 40/97 41/97
Add Depth 235 meters 9°24′N 74°39′E
(13(271)97 Dehra Dun)

71 (INT 71) 4Ed. 8/31/91 LAST NM 41/97 3/99
Delete RC at light 17°41′N 83°17′E
(17(383)98 Dehra Dun)

71 (INT 71) 4Ed. 8/31/91 LAST NM 3/99 38/99
Delete RC at light 22°29′N 69°04′E
Note: Racon remains
(11(216)98 Dehra Dun)

71 (INT 71) 4Ed. 8/31/91 LAST NM 38/99 49/99
Delete RC at light 8°16′N 73°02′E
(31(2755)98 Taunton)

71 (INT 71) 4Ed. 8/31/91 LAST NM 49/99 16/00
Delete Racon at light 22°29′N 69°04′E
(See 38/99-71)
(24(505)98 Dehra Dun)

71 (INT 71) 4Ed. 8/31/91 LAST NM 16/00 3/01
Add Depth 645 meters 12°08′N 47°30′E
(22(1993)99 Taunton)

71 (INT 71) 4Ed. 8/31/91 LAST NM 3/01 7/01
Delete Depth 389 meters 11°44′N 55°08′E
Depth 600 meters 13°28′N 50°05′E
Depth 401 meters 19°21′N 39°31′E

Add Depth 200 meters 11°47′N 55°11′E
Depth 547 meters 12°09′N 47°06′E
Depth 523 meters 13°28′N 50°09′E
Depth 224 meters 14°32′N 49°49′E
Depth 205 meters 19°33′N 39°24′E
(38(3493-3495)99 Taunton)

71 (INT 71) 4Ed. 8/31/91 LAST NM 7/01 8/01
Add Depth 185 meters enclosed by depth contour
(200-meter) 4°26′N 72°40′E
(11(1037)99 Taunton)

71 (INT 71) 4Ed. 8/31/91 LAST NM 8/01 43/01
Add Racon [S3.1] at light 13°25′N 80°20′E
(21(443)99 Dehra Dun)

71 (INT 71) 4Ed. 8/31/91 LAST NM 43/01 7/03
Delete Depth 23 meters, blue tint and enclosing
dotted-line circle in vicinity 10°25′S 57°30′E
Depth 22 meters, blue tint and enclosing
dotted-line circle in vicinity 6°26′S 58°32′E
(13(36)02 Brest)

71 (INT 71) 4Ed. 8/31/91 LAST NM 7/03 34/03
Delete RC (Aero) 12°09′S 96°49′E
(BA RA)

★**72** (INT 72) 4Ed. 5/11/96 NEW EDITION 28/96
Add Light symbol 24°32′S 35°12′E
(Previously published 21/96)
(DMA)

72 (INT 72) 4Ed. 5/11/96 LAST NM 28/96 39/96
Delete Depth
633 meters 41°28′S 42°54′E
4574 meters 42°04′S 42°38′E

Add Depth
270 meters 41°24′S 42°54′E
404 meters 42°04′S 42°45′E
553 meters 38°25′S 48°22′E
(32(2697)96 Taunton)

72 (INT 72) 4Ed. 5/11/96 LAST NM 39/96 40/97
Add Depth 317 meters 8°47′S 70°17′E
(27(2361)97 Taunton)

72 (INT 72) 4Ed. 5/11/96 LAST NM 40/97 15/98
Add Depth 553 meters 47°25′S 65°34′E
(41(3653)97 Taunton)

72 (INT 72) 4Ed. 5/11/96 LAST NM 15/98 38/99
Delete RC at light 22°29′N 69°04′E
Note: Racon remains
(11(216)98 Dehra Dun)

72 (INT 72) 4Ed. 5/11/96 LAST NM 38/99 49/99
Delete RC at light 8°16′N 73°02′E
(31(2755)98 Taunton)

72 (INT 72) 4Ed. 5/11/96 LAST NM 49/99 16/00
Delete Racon at light 22°29′N 69°04′E
(See 38/99-72)
(24(505)98 Dehra Dun)

72 (INT 72) 4Ed. 5/11/96 LAST NM 16/00 34/00
Delete RC at light 34°21′S 18°29′E
RC at light 28°31′S 32°24′E
RC at light 29°56′S 31°00′E
RC at light 34°01′S 25°42′E
RC and RC (AERO) at light 33°02′S 27°54′E
(3(36)00 Cape Town)

72 (INT 72) 4Ed. 5/11/96 LAST NM 34/00 3/01
Add Depth 645 meters 12°08′N 47°30′E
(22(1993)99 Taunton)

72 (INT 72) 4Ed. 5/11/96 LAST NM 3/01 7/01
Delete Depth 401 meters 19°21′N 39°31′E

Substitute Depth 200 meters for 389 meters 11°47′N 55°11′E
Depth 523 meters for 600 meters 13°28′N 50°09′E

Add Depth 547 meters 12°09′N 47°06′E
Depth 224 meters 14°32′N 49°49′E
Depth 205 meters 19°33′N 39°24′E
(38(3493-3495)99 Taunton)

72 (INT 72) 4Ed. 5/11/96 LAST NM 7/01 8/01
Add Depth 185 meters enclosed by depth contour (200-meter) 4°26′N 72°40′E
(11(1037)99 Taunton)

72 (INT 72) 4Ed. 5/11/96 LAST NM 8/01 7/03
Delete Depth 23 meters, blue tint and enclosing dotted-line circle in vicinity 10°25′S 57°30′E
Depth 22 meters, blue tint and enclosing dotted-line circle in vicinity 6°26′S 58°32′E
(13(36)02 Brest)

72 (INT 72) 4Ed. 5/11/96 LAST NM 7/03 8/07
Add Depth 1710 meters enclosed by dashed-line circle 29°08′S 44°11′E
Depth 969 meters enclosed by dashed-line circle 34°32′S 43°12′E
(NTM0014/2006)

72 (INT 72) 4Ed. 5/11/96 LAST NM 8/07 35/07
Add Depth 854 meters enclosed by depth contour (1000-meter) centered 43°33′S 39°35′E
Depth 883 meters enclosed by depth contour (1000-meter) centered 45°49′S 43°09′E
Depth 1597 meters enclosed by depth contour (2000-meter) centered 48°42′S 44°14′E

Depth 75 meters "Rep (2006)" [I3.2] 42°56′S 41°54′E

Depth 956 meters enclosed by depth contour (1000-meter) centered 43°16′S 41°53′E
Depth 924 meters enclosed by depth contour (1000-meter) centered 43°33′S 40°45′E
(NTM0021/2007)

★**73** (INT 73) 4Ed. 2/3/96 NEW EDITION 14/96
Delete Depth 120 meters 12°15′N 73°45′E
(Previously published 6/96)

Add Depth 311 meters 24°45′N 61°51′E
(Previously published 8/96)
(DMA)

73 (INT 73) 4Ed. 2/3/96 LAST NM 14/96 15/96
Add Depth 203 meters 7°39′N 76°34′E
(BA CH 1566)

73 (INT 73) 4Ed. 2/3/96 LAST NM 15/96 19/96
Delete Depth 900 meters 32°01′S 96°15′E

Add Depth
632 meters 48°02′S 72°45′E
101 meters 37°44′S 77°55′E
71 meters 38°14′S 77°44′E
678 meters 27°18′S 87°20′E
686 meters 32°01′S 96°21′E
(13(1097, 1098)96 Taunton)

73 (INT 73) 4Ed. 2/3/96 LAST NM 19/96 40/97
Add Depth 317 meters 8°47′S 70°17′E
(27(2361)97 Taunton)

73 (INT 73) 4Ed. 2/3/96 LAST NM 40/97 41/97
Add Depth 235 meters 9°24′N 74°39′E
(13(271)97 Dehra Dun)

73 (INT 73) 4Ed. 2/3/96 LAST NM 41/97 15/98
Add Depth
553 meters 47°25′S 65°34′E
292 meters 49°38′S 66°48′E
270 meters 49°44′S 64°55′E
(41(3653)97 Taunton)

73 (INT 73) 4Ed. 2/3/96 LAST NM 15/98 2/99
Substitute Depth 72 meters for 90 meters 39°00′S 77°43′E
(35(23)98 Brest)

73 (INT 73) 4Ed. 2/3/96 LAST NM 2/99 4/99
Delete R Bn at light 17°40′N 83°18′E
(17(383)98 Dehra Dun)

73 (INT 73) 4Ed. 2/3/96 LAST NM 4/99 38/99
Delete R Bn at light 22°29′N 69°04′E
Note: Racon remains
(11(216)98 Dehra Dun)

73 (INT 73) 4Ed. 2/3/96 LAST NM 38/99 49/99
Delete R Bn at light 8°16′N 73°02′E
(31(2755)98 Taunton)

73 (INT 73) 4Ed. 2/3/96 LAST NM 49/99 16/00
Delete Racon at light 22°29′N 69°04′E
(See 38/99-73)
(24(505)98 Dehra Dun)

73 (INT 73) 4Ed. 2/3/96 LAST NM 16/00 8/01
Add Depth 185 meters enclosed by depth contour (200-meter) 4°26′N 72°40′E
(11(1037)99 Taunton)

73 (INT 73) 4Ed. 2/3/96 LAST NM 8/01 34/03
Delete R Bn (Aero) 12°09′S 96°49′E
(BA RA)

73 (INT 73) 4Ed. 2/3/96 LAST NM 34/03 38/07
Add Depth 1528 meters 39°58′S 76°32′E
Depth 1568 meters 39°37′S 77°40′E

Depth 159 meters, blue tint and enclosing depth contour (200-meter) centered 38°28′S 77°57′E
(NTM0011/2007)

73 (INT 73) 4Ed. 2/3/96 LAST NM 38/07 39/07
Add Depth 540 meters "Rep" 35°10′S 80°39′E
Depth 428 meters 32°30′S 82°22′E
Depth 1795 meters 30°01′S 85°45′E
Depth 994 meters 32°21′S 85°16′E
(NTM0011/2007)

★74 18Ed. 12/6/21 NEW EDITION 49/21
(USHO)

74 18Ed. 12/6/21 LAST NM 49/21 8/87
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)

★76 25Ed. 7/18/92 NEW EDITION 38/92
(DMAHTC)

76 25Ed. 7/18/92 LAST NM 38/92 22/93
Change Standard time
PORTUGAL to plus (+) 1 hour 40°00′N 13°00′W
ARQUIPELAGO DOS ACORES to 0 hour 41°00′N 30°00′W
(MCC1248/93)

76 25Ed. 7/18/92 LAST NM 22/93 24/93
Change Standard time PORTUGAL to zone minus (-) 1 hour 40°00′N 13°00′W
(See 22/93-76)
(MCC1248/93)

76 25Ed. 7/18/92 LAST NM 24/93 26/94
Change Standard time
HONDURAS to (+) 5 hours 15°00′N 87°00′W
(MCC1354/94)

76 25Ed. 7/18/92 LAST NM 26/94 38/99
Change Standard time LIBYA to (-) 2 hours 25°00′N 18°00′E
(BA RA)

★80 7Ed. 8/12/95 NEW EDITION 50/95
(DMA)

★90 5Ed. 3/30/96 NEW EDITION 27/96
(DMA)

★100 (INT 100) 1Ed. 1/9/82 NEW CHART 13/82
(DMAHTC)

100 (INT 100) 1Ed. 1/9/82 LAST NM 13/82 19/82
Substitute Depth 123 meters for 160 meters 73°30.0′N 9°08.0′W
(9(508)82 Taunton)

100 (INT 100) 1Ed. 1/9/82 LAST NM 19/82 14/86
Delete R Bns 69°08.9′N 15°54.0′E
74°29.1′N 19°04.0′E
70°58.4′N 8°29.7′W
(BA RA)

100 (INT 100) 1Ed. 1/9/82 LAST NM 14/86 27/86
Delete R Bn at light 69°20′N 16°06′E
(9(724)86 Stavanger)

100 (INT 100) 1Ed. 1/9/82 LAST NM 27/86 23/93
Add Depth
576 meters 74°11′N 15°15′E
163 meters 73°53′N 18°53′E
110 meters 71°41′N 18°00′E

Danger circle "Well", marked close SE by buoy Y, spar 71°56′N 21°11′E
Superbuoy ODAS "BS-4", orange and yellow, Fl 3s 71°30′N 19°00′E
(BA CH 4100)

100 (INT 100) 1Ed. 1/9/82 LAST NM 23/93 16/95
Relocate R Bn (AERO) close NE to 70°58′N 8°35′W
(9(703)95 Taunton)

100 (INT 100) 1Ed. 1/9/82 LAST NM 16/95 18/99
Delete R Bn at light 69°36′N 17°50′E
70°14′N 19°30′E
(1(67)99 Stavanger)

100 (INT 100) 1Ed. 1/9/82 LAST NM 18/99 51/04
Add Submerged well [L20] 71°37′N 21°03′E
Submerged well [L20] 71°36′N 21°16′E
Submerged well [L20] 71°29′N 21°05′E
(21(1026)04 Stavanger)

★101 (INT 101) 3Ed. 11/23/96 NEW EDITION 8/97
Delete RC at light 60°51′N 0°54′E

Racon at light 66°32′N 16°00′W
64°02′N 15°57′W
60°37′N 1°19′W
60°22′N 1°50′W
60°50′N 4°39′E
63°01′N 7°14′E
63°05′N 7°30′E
63°13′N 7°36′E
63°32′N 7°58′E
64°10′N 9°24′E
64°24′N 10°22′E
67°18′N 13°30′E
67°24′N 11°52′E
67°27′N 14°23′E
67°46′N 14°24′E

Racon from platform 60°28′N 2°49′E
64°22′N 7°46′E

Add RC at light 59°51.5′N 1°16.0′W
63°49.5′N 16°37.0′W

RC 64°39.1′N 14°16.6′W

Submarine pipeline joining 59°32.8′N 1°32.3′E
59°29.4′N 1°23.8′E
59°25.0′N 1°20.9′E
(NIMA; BA RA; 20(1409)91 Taunton)

101 (INT 101) 3Ed. 11/23/96 LAST NM 8/97 8/98
Substitute Depth 94 meters for 111 meters 63°49′N 15°10′W

Add Depth 47 meters 64°00′N 15°36′W
(GIMM011/98)

101 (INT 101) 3Ed. 11/23/96 LAST NM 8/98 19/98
Delete RC 64°39.0′N 14°16.0′W
(12(35)97 Reykjavik)

101 (INT 101) 3Ed. 11/23/96 LAST NM 19/98 18/99
Delete RC at light 60°08′N 5°01′E
61°02′N 4°30′E
62°19′N 5°16′E
62°54′N 6°52′E
64°10′N 9°26′E
65°12′N 11°00′E
67°18′N 13°30′E
67°24′N 11°52′E
(1(67)99 Stavanger)

101 (INT 101) 3Ed. 11/23/96 LAST NM 18/99 23/99
Delete RC at light 66°27′N 15°55′W
(1(5)99 Reykjavik)

101 (INT 101) 3Ed. 11/23/96 LAST NM 23/99 27/99
Delete RC at light 63°50′N 16°38′W
(4(15)99 Reykjavik)

101 (INT 101) 3Ed. 11/23/96 LAST NM 27/99 35/99
Add Submarine cable [L30.1] joining 59°49′N 3°09′W
59°39′N 1°30′W
59°25′N 0°23′W
(25(2254)99 Taunton)

101 (INT 101) 3Ed. 11/23/96 LAST NM 35/99 48/02
Add Depth 115 meters Well [L21.2] 60°31′N 1°50′E
(32(3364)02 Taunton)

★**101** (INT 101) 3Ed. 11/23/96 LAST NM 48/02 42/04
Add Wreck [K29] 66°20′N 5°12′E
(NTM0019/2004)

101 (INT 101) 3Ed. 11/23/96 LAST NM 42/04 47/04
Add Wreck [K29] 64°48′N 7°03′E
(20(970)04 Stavanger)

★**102** (INT 102) 5Ed. 4/6/96 NEW EDITION 29/96
(DMA)

102 (INT 102) 5Ed. 4/6/96 LAST NM 29/96 5/99
Delete RC at light 49°58.7′N 6°19.3′W
50°34.5′N 1°17.8′W
51°51.1′N 5°24.6′W
54°02.9′N 3°10.5′W
55°40.0′N 6°30.7′W
58°30.9′N 6°15.7′W
58°38.7′N 3°01.4′W
57°41.9′N 2°00.0′W
51°36.3′N 8°31.9′W
55°16.3′N 8°14.9′W
54°16.9′N 10°05.5′W
52°33.6′N 9°55.9′W

Purple circle at light 51°36.3′N 9°47.5′W
(30/98 Trinity House; BA RA)

102 (INT 102) 5Ed. 4/6/96 LAST NM 5/99 20/00
Add Racon at light 51°51′N 5°25′W
(9/00 Trinity House)

102 (INT 102) 5Ed. 4/6/96 LAST NM 20/00 48/00
Delete RC at light 48°38′N 4°34′W
RC at light 48°28′N 5°08′W
(3(13)00 Brest)

102 (INT 102) 5Ed. 4/6/96 LAST NM 48/00 42/04
Delete Depth 90 meters 54°00′N 13°20′W
(NTM0019/2004)

★**103** (INT 103) 5Ed. 8/25/90 NEW EDITION 41/90
Delete Depth 585 meters 37°52.0′N 24°34.5′W
(Previously published 38/90)

Delete R Bn (AERO) 43°22′N 3°33′W
42°08′N 8°39′W
41°19′N 8°41′W
38°54′N 9°00′W
38°40′N 8°37′W
37°10′N 8°35′W
35°48′N 5°49′W
(DMAHTC; BA RA)

103 (INT 103) 5Ed. 8/25/90 LAST NM 41/90 38/91
Add Depth 130 meters 37°28′N 30°27′W
(25(26)91 Brest)

103 (INT 103) 5Ed. 8/25/90 LAST NM 38/91 51/91
Delete Depth 130 meters 37°28′N 30°27′W
(Supersedes 38/91-103)
(38(27)91 Brest)

103 (INT 103) 5Ed. 8/25/90 LAST NM 51/91 8/92
Add Depth 56 meters 40°30.3′N 9°07.3′W
(Por CH 33; 46(3255)91 Taunton)

103 (INT 103) 5Ed. 8/25/90 LAST NM 8/92 15/92
Add Superbuoy ODAS "24GB" Y, Fl(5) Y 20s 48°42′N 12°23′W
(4(224)92 Taunton)

103 (INT 103) 5Ed. 8/25/90 LAST NM 15/92 25/92
Substitute Depth 35 meters (ED) for 48 meters 36°42.0′N 11°08.0′W
(8(546)92 Taunton)

103 (INT 103) 5Ed. 8/25/90 LAST NM 25/92 44/92
Delete RC (AERO) 36°38′N 6°18′W
38°32′N 28°40′W
37°44′N 25°35′W

RC (AERO) at light 43°23′N 1°47′W
(BA RA)

103 (INT 103) 5Ed. 8/25/90 LAST NM 44/92 4/94
Delete Superbuoy ODAS "1GB" 48°38′N 8°55′W
(45(3796)93 Taunton)

103 (INT 103) 5Ed. 8/25/90 LAST NM 4/94 15/95
Delete Depth
166 meters 38°02′N 28°47′W
18 meters 38°13′N 29°06′W
73 meters 38°13′N 29°21′W
(7(24)95 Brest)

103 (INT 103) 5Ed. 8/25/90 LAST NM 15/95 17/96
Delete Depth
127 meters 38°17′N 28°45′W
199 meters 38°40′N 29°45′W
104 meters 38°20′N 30°06′W
(4(33)96 Brest)

103 (INT 103) 5Ed. 8/25/90 LAST NM 17/96 12/98
Add Depth 27 meters 36°43′N 11°10′W
(14(142), 15(156)97 Lisboa)

103 (INT 103) 5Ed. 8/25/90 LAST NM 12/98 5/99
Delete RC 49°58.5′N 6°16.0′W
(30/98 Trinity House)

103 (INT 103) 5Ed. 8/25/90 LAST NM 5/99 49/99
Substitute Depth 12 meters for 7 meters 38°13′N 26°36′W
(1(52)98 Lisboa)

103 (INT 103) 5Ed. 8/25/90 LAST NM 49/99 10/00
Delete RC at light 38°47′N 9°30′W
(21(298)99 Lisboa)

103 (INT 103) 5Ed. 8/25/90 LAST NM 10/00 48/00
Delete RC at light 48°28′N 5°08′W
RC at light 45°42′N 1°14′W
RC at light 44°39′N 1°15′W
(3(13)00 Brest)

103 (INT 103) 5Ed. 8/25/90 LAST NM 48/00 34/01
Delete RC at light 37°02′N 8°59′W
(4(145)00 Lisboa; Por LL)

103 (INT 103) 5Ed. 8/25/90 LAST NM 34/01 44/01
Delete RC at light 41°12′N 8°42′W
RC at light 40°12′N 8°54′W
RC at light 39°24′N 9°30′W
(4(134)01 Lisboa)

103 (INT 103) 5Ed. 8/25/90 LAST NM 44/01 16/03
Add Wreck [K29] 42°12′N 12°03′W
(49(847)02 Cadiz)

103 (INT 103) 5Ed. 8/25/90 LAST NM 16/03 9/04
Delete Depth 1820 meters and enclosing depth contour
(2000-meter) centered 40°35′N 32°54′W
Depth 1798 meters and enclosing depth contour
(2000-meter) centered 42°27′N 18°53′W

Depth 600 meters 40°40′N 9°44′W

Substitute Depth 56 meters for 40 meters 35°03′N 12°53′W
(20(307)03 Lisboa)

103 (INT 103) 5Ed. 8/25/90 LAST NM 9/04 49/04
Delete RC at light 43°47′N 7°41′W
RC at light 43°10′N 9°13′W
RC at light 42°53′N 9°16′W
RC at light 42°06′N 8°53′W
(1(102)04 Lisboa; Spn LL)

103 (INT 103) 5Ed. 8/25/90 LAST NM 49/04 20/06
Delete RC at light 43°25′N 2°42′W
RC at light 35°47′N 5°56′W
(40(400)05 Cadiz; Spn LL)

★**104** (INT 104) 5Ed. 8/17/96 NEW EDITION 44/96
(NIMA)

104 (INT 104) 5Ed. 8/17/96 LAST NM 44/96 12/98
Add Depth 27 meters 36°43′N 11°10′W
(14(142), 15(156)97 Lisboa)

104 (INT 104) 5Ed. 8/17/96 LAST NM 12/98 49/99
Substitute Depth 12 meters for 7 meters 38°13′N 26°36′W
(1(52)98 Lisboa)

104 (INT 104) 5Ed. 8/17/96 LAST NM 49/99 10/00
Delete RC at light 38°47′N 9°30′W
(21(298)99 Lisboa)

104 (INT 104) 5Ed. 8/17/96 LAST NM 10/00 34/01
Delete RC at light 37°57′N 8°53′W
RC at light 37°02′N 9°00′W
(4(145)00 Lisboa; Por LL)

104 (INT 104) 5Ed. 8/17/96 LAST NM 34/01 8/06
Delete RC (AERO) 33°04′N 16°21′W
RC (AERO) 32°45′N 16°43′W
RC (AERO) 28°03′N 16°33′W
RC at light 28°10′N 15°26′W
RC at light 28°14′N 13°56′W
RC (AERO) 28°57′N 13°38′W
RC at light 33°37′N 7°40′W
(28(294)05 Cadiz)

104 (INT 104) 5Ed. 8/17/96 LAST NM 8/06 20/06
Delete RC at light 35°47′N 5°56′W
(40(400)05 Cadiz)

★**105** (INT 209) 4Ed. 9/14/96 NEW EDITION 50/96
(NIMA)

★**105** (INT 209) 4Ed. 9/14/96 LAST NM 50/96 32/01
Add Depth 2566 meters 3°49′S 0°28′E
(NTM0002/2001)

105 (INT 209) 4Ed. 9/14/96 LAST NM 32/01 28/04
Add Racon [S3.1] at light 4°24′N 7°08′E
(BA CH 3287)

★**106** (INT 215) 1Ed. 6/10/78 NEW CHART 30/78
(DMAHC)

106 (INT 215) 1Ed. 6/10/78 LAST NM 30/78 7/79
Delete R Bn 5°07.5′S 36°50.0′W

Substitute Depths
33 meters for 23 meters 8°41.0′S 34°49.0′W
48 meters for 53 meters 3°52.0′S 32°37.0′W
(22(310)78 Rio de Janeiro)

106 (INT 215) 1Ed. 6/10/78 LAST NM 7/79 14/79
Delete Depth 260 meters 4°05.0′S 35°57.0′W

Add Depth 241 meters 4°00.0′S 35°59.0′W
(23(323)78 Rio de Janeiro)

106 (INT 215) 1Ed. 6/10/78 LAST NM 14/79 15/79
Add Depth 275 meters 3°37.5′S 36°46.0′W
(23(324)78 Rio de Janeiro)

106 (INT 215) 1Ed. 6/10/78 LAST NM 15/79 47/79
Delete Depths
40 meters 16°25′N 22°57′W
177 meters 16°20′N 22°27′W
26 meters 16°07′N 22°32′W
(38(48)79 Brest)

106 (INT 215) 1Ed. 6/10/78 LAST NM 47/79 18/81
Add Depth 12.6 meters "Rep (1978)" 9°04′N 15°11′W
(34(3399)78 Hamburg)

106 (INT 215) 1Ed. 6/10/78 LAST NM 18/81 23/81
Delete Depth 12.6 meters "Rep (1978)" 9°04′N 15°11′W
(Supersedes 18/81-106)
(44(4348)78 Hamburg)

106 (INT 215) 1Ed. 6/10/78 LAST NM 23/81 24/81
Add Depth 9 meters "Rep (1980)" (PA) 3°58′S 35°48′W
(NVS6404/81)

106 (INT 215) 1Ed. 6/10/78 LAST NM 24/81 21/82
Delete Depth 275 meters 3°37.5′S 36°46.0′W

Substitute Depths
1853 meters for 483 meters 0°59.8′N 30°13.5′W
2721 meters for 272 meters 1°10.0′N 30°19.0′W

Add Depth 275 meters 3°38.5′S 36°42.8′W
(15(132)81; 1(18)82 Rio de Janeiro)

106 (INT 215) 1Ed. 6/10/78 LAST NM 21/82 2/83
Delete R Bn (AERO) 13°20′N 16°39′W
(44(2674)82 Taunton)

106 (INT 215) 1Ed. 6/10/78 LAST NM 2/83 31/83
Add Depth 48 meters 3°26.1′S 35°02.8′W
(NVS6978/83)

106 (INT 215) 1Ed. 6/10/78 LAST NM 31/83 43/83
Relocate R Bn (AERO) close NNE to 8°02′S 34°57′W
(14(119)83 Rio de Janeiro)

106 (INT 215) 1Ed. 6/10/78 LAST NM 43/83 50/83
Delete Depth 79 meters 16°55′N 23°32′W
(42(2704)83 Taunton)

106 (INT 215) 1Ed. 6/10/78 LAST NM 50/83 53/83
Delete Depth 100 meters 17°08′N 21°54′W

Add Depths
93 meters 17°11.7′N 21°58.1′W
427 meters 15°44.6′N 22°10.3′W
(45(2902, 2904)83 Taunton)

106 (INT 215) 1Ed. 6/10/78 LAST NM 53/83 23/84
Delete Depth 256 meters 8°24′S 16°55′W

Add Depth 256 meters 8°28.8′S 17°04.6′W
(NVS7266/84)

106 (INT 215) 1Ed. 6/10/78 LAST NM 23/84 44/85
Add Chartlet, depicting changes in hydrography and topography, from back of Section I 4°00′S 35°00′W
(DMAHTC)

106 (INT 215) 1Ed. 6/10/78 LAST NM 44/85 52/85
Change International chart number "INT 106" to "INT 215" in margins (4) of chart

Legends to
"CONTINUED ON INT 216" 4°00′N 36°57′W
"CONTINUED ON INT 209" 3°30′N 14°03′W
(HNNM7637/85)

106 (INT 215) 1Ed. 6/10/78 LAST NM 52/85 14/86
Substitute Abandoned submarine cable for submarine cable
between 8°03.0′S 34°46.0′W
16°44.0′N 25°12.0′W

between 7°58.0′S 34°47.0′W
16°40.0′N 25°12.0′W

Add Submarine cable joining 8°08.3′S 34°54.2′W
8°11.6′S 34°18.5′W
8°04.3′S 33°41.3′W
7°47.5′S 33°03.4′W
2°54.5′S 29°28.6′W
1°51.5′S 28°59.3′W
0°17.1′N 27°43.6′W
0°37.6′N 27°24.0′W
1°05.2′N 27°14.5′W
6°00.2′N 23°57.9′W
6°56.0′N 23°49.4′W
7°36.1′N 23°09.5′W
14°05.1′N 18°59.6′W
14°38.5′N 17°25.0′W
(2(24)86 Rio de Janeiro)

106 (INT 215) 1Ed. 6/10/78 LAST NM 14/86 16/86
Delete R Bn (AERO) 16°02′N 16°28′W
(DMAHTC)

106 (INT 215) 1Ed. 6/10/78 LAST NM 16/86 27/86
Delete Depth 478 meters 9°17′N 21°20′W

Add Depth 215 meters "Rep (1986)" 9°15.5′N 21°19.9′W
(17(1277)86 Taunton)

106 (INT 215) 1Ed. 6/10/78 LAST NM 27/86 44/86
Add Submarine cable
joining 8°09.5′S 34°54.0′W
8°12.8′S 34°48.5′W
8°09.0′S 34°24.0′W
8°06.3′S 33°05.3′W
7°24.0′S 33°25.0′W

joining 8°08.3′S 34°54.2′W
8°11.6′S 34°18.5′W
8°08.0′S 33°54.0′W
7°47.5′S 33°03.4′W
(17(E253)86 Rio de Janeiro)

106 (INT 215) 1Ed. 6/10/78 LAST NM 44/86 1/87
Add Depth 110 meters enclosed by depth contour (200-meter) "Rep (1986)" 4°44.5′S 35°10.4′W
(18(N277)86 Rio de Janeiro)

106 (INT 215) 1Ed. 6/10/78 LAST NM 1/87 40/89
Delete R Bn (AERO) 8°02′S 34°57′W
(10(G152)89 Rio de Janeiro)

106 (INT 215) 1Ed. 6/10/78 LAST NM 40/89 6/90
Substitute Depth 80 meters for 110 meters "Rep (1986)" 4°45′S 35°11′W

Add Depth 17 meters enclosed by danger circle "Rep (1989)" 4°42′S 35°31′W
(See 44/85-106)
(13(N192, N193)89 Rio de Janeiro)

106 (INT 215) 1Ed. 6/10/78 LAST NM 6/90 26/92
Delete Depths
165 meters 12°00′N 17°32′W
27 meters 12°01′N 17°18′W
(16(43)92 Brest)

106 (INT 215) 1Ed. 6/10/78 LAST NM 26/92 29/95
Delete Depth 2970 meters 6°20′N 32°50′W

Add Depth 587 meters 6°21′N 32°58′W
(14(56)95 Brest)

106 (INT 215) 1Ed. 6/10/78 LAST NM 29/95 1/96
Add Light symbol 6°03′S 35°07′W
(20(217P)95 Rio de Janeiro)

106 (INT 215) 1Ed. 6/10/78 LAST NM 1/96 29/96
Delete Depth 2786 meters 5°56′N 25°00′W

Add Depth
234 meters 6°19′N 22°37′W
762 meters 6°10′N 24°52′W
790 meters 6°00′N 24°57′W
(23(1907)96 Taunton)

★**107** (INT 216) 3Ed. 3/2/85 NEW EDITION 19/85
(DMAHTC)

107 (INT 216) 3Ed. 3/2/85 LAST NM 19/85 44/85
Add Chartlet, depicting changes in hydrography and topography, from back of Section I 3°00′S 38°00′W
(DMAHTC)

107 (INT 216) 3Ed. 3/2/85 LAST NM 44/85 52/85
Change International chart number "INT 107" to "INT 216" in margins (5) of chart
(HNNM7637/85)

107 (INT 216) 3Ed. 3/2/85 LAST NM 52/85 6/86
Delete Depth 54 meters 3°11.0′S 38°17.0′W

Substitute Depth 40 meters for depth 44 meters 1°40.0′S 38°08.0′W
(23(259)85 Rio de Janeiro)

107 (INT 216) 3Ed. 3/2/85 LAST NM 6/86 12/86
Delete Depth 11 meters 14°35′N 60°46′W

Add Depth 15 meters 14°34′N 60°46′W
(2(176)86 Taunton)

107 (INT 216) 3Ed. 3/2/85 LAST NM 12/86 14/86
Substitute Abandoned submarine cable for submarine cable
joining 8°00.0′S 34°42.0′W
3°47.5′S 28°15.0′W
0°20.0′S 28°00.0′W

between 8°00.0′S 34°50.0′W
9°00.0′N 28°00.0′W

Add Submarine cable joining 8°00.0′S 33°25.0′W
7°47.5′S 33°03.5′W
2°55.0′S 29°29.0′W
1°52.0′S 28°59.0′W
0°20.0′S 28°00.0′W
Depth 33 meters 5°28.0′N 51°39.0′W
(2(175)86 Taunton; 2(24)86 Rio de Janeiro)

107 (INT 216) 3Ed. 3/2/85 LAST NM 14/86 35/86
Substitute Depth 10 meters (PA) for 16 meters 3°18.0′N 48°07.0′W
(12(159)86 Rio de Janeiro)

107 (INT 216) 3Ed. 3/2/85 LAST NM 35/86 39/86
Delete Depth 118 meters (PD) 4°14′S 34°50′W
(17(1276)86 Taunton)

107 (INT 216) 3Ed. 3/2/85 LAST NM 39/86 44/86
Add Submarine cables
between 7°24.0′S 33°25.0′W
8°00.0′S 34°00.0′W

between 7°47.5′S 33°03.4′W
8°00.0′S 33°36.0′W
(17(E253)86 Rio de Janeiro)

107 (INT 216) 3Ed. 3/2/85 LAST NM 44/86 52/86
Add Depth 110 meters enclosed by depth contour (200 meters) "Rep (1986)" 4°44.5′S 35°10.4′W
(18(N277)86 Rio de Janeiro)

107 (INT 216) 3Ed. 3/2/85 LAST NM 52/86 26/88
Add Legend "(ED)" to depth 78 meters 6°28′N 52°18′W
(53(61)87 Brest)

107 (INT 216) 3Ed. 3/2/85 LAST NM 26/88 36/88
Add Depth 159 meters 3°29.2′S 37°29.5′W
(See 44/85-107)
(MCNM8136/88)

107 (INT 216) 3Ed. 3/2/85 LAST NM 36/88 38/88
Add Depth 22 meters enclosed by
danger circle (PA) 4°53′S 35°01′W
(12(N183)88 Rio de Janeiro)

107 (INT 216) 3Ed. 3/2/85 LAST NM 38/88 40/89
Delete R Bns (AERO) 1°23′S 48°28′W
3°34′S 39°17′W
5°12′S 37°21′W
(See 44/85-107)
(10(G152)89 Rio de Janeiro)

107 (INT 216) 3Ed. 3/2/85 LAST NM 40/89 28/90
Delete Depth 143 meters
and enclosing depth contour 7°46.0′N 56°49.0′W
(MCNM1032/90)

107 (INT 216) 3Ed. 3/2/85 LAST NM 28/90 39/90
Delete Depths
9 meters 3°50′S 35°57′W
9 meters "(1980)" (PA) 3°58′S 35°48′W
(27(1940)90 Taunton)

107 (INT 216) 3Ed. 3/2/85 LAST NM 39/90 46/90
Add Depth 290 meters 0°41.4′S 42°09.0′W
(20(N303)89 Rio de Janeiro)

107 (INT 216) 3Ed. 3/2/85 LAST NM 46/90 52/90
Add Depth 63 meters (ED) 3°39.0′N 48°09.0′W
(MCNM1062/90)

107 (INT 216) 3Ed. 3/2/85 LAST NM 52/90 7/92
Add Depths
161 meters "Rep (1978)" (PA) 12°58′N 59°34′W
77 meters "Rep (1975)" 12°55′N 59°36′W
(MCC1168/92; 1(107)79 Taunton)

107 (INT 216) 3Ed. 3/2/85 LAST NM 7/92 51/93
Delete R Bn 0°46′N 50°07′W

Add R Bn 0°30.6′N 50°24.9′W
(19(165)93 Rio de Janeiro)

107 (INT 216) 3Ed. 3/2/85 LAST NM 51/93 12/94
Substitute Depth 277 meters for 1994 meters 2°59′S 37°43′W
(See 44/85-107)
(22(200)93 Rio de Janeiro)

107 (INT 216) 3Ed. 3/2/85 LAST NM 12/94 29/95
Delete Depth 2970 meters 6°20′N 32°50′W

Add Depth 587 meters 6°21′N 32°58′W
(14(56)95 Brest)

107 (INT 216) 3Ed. 3/2/85 LAST NM 29/95 1/96
Add Light symbol 6°03′S 35°07′W
(20(217P)95 Rio de Janeiro)

107 (INT 216) 3Ed. 3/2/85 LAST NM 1/96 11/96
Add Light symbol 2°23′S 43°16′W
(22(243)95 Rio de Janeiro)

107 (INT 216) 3Ed. 3/2/85 LAST NM 11/96 31/96
Add Light symbol 3°24′S 39°01′W
(See 44/85-107)
(11(103P)96 Rio de Janeiro)

107 (INT 216) 3Ed. 3/2/85 LAST NM 31/96 32/97
Delete R Bn at light 1°17′S 44°54′W
(12(99)97 Rio de Janeiro)

107 (INT 216) 3Ed. 3/2/85 LAST NM 32/97 38/98
Delete Light symbol 0°25′S 47°55′W
(Brz LL)

107 (INT 216) 3Ed. 3/2/85 LAST NM 38/98 8/00
Add Depth 591 meters [I10] 1°52′S 40°45′W
(10(117)95 Rio de Janeiro)

★**108** (INT 403) 9Ed. 1/8/94 NEW EDITION 18/94
Delete R Bn at light 26°15′N 80°05′W
(Previously published 4/94)

Delete R Bn at light 43°47.0′N 68°51.3′W
(Previously published 7/94)

Delete R Bn at light 40°50.5′N 72°28.7′W
(Previously published 10/94)

Relocate Superbuoy ODAS "44011"
(41°03.6′N 66°33.3′W) to 41°05.0′N 66°35.0′W
(Previously published 10/94)

Delete R Bn 22°23′N 78°48′W

Add Light flare symbol to superbuoy ODAS
"44009" 38°28′N 74°42′W
"41015" 35°24′N 75°14′W
"41017" 35°24′N 75°05′W

R Bn (AERO) 22°22′N 78°46′W
(DMAHTC; MCC1334/94)

108 (INT 403) 9Ed. 1/8/94 LAST NM 18/94 28/94
Relocate Superbuoy ODAS "44005" close NW to 42°54′N 68°57′W

Change Buoy "B" to RW, Racon
with light flare symbol 42°23′N 70°47′W

Add Superbuoy ODAS Y, Fl(4) Y (Priv) 43°05′N 67°35′W
Wreck (PA) 39°39′N 72°26′W
Light flare symbol to buoy 38°47′N 74°39′W
(17/94 CG1; USCG LL; 10(355)94 Ottawa)

108 (INT 403) 9Ed. 1/8/94 LAST NM 28/94 30/94
Delete R Bn 40°38′N 73°19′W
R Bn at light 43°46′N 69°18′W
(23/94 CG1)

108 (INT 403) 9Ed. 1/8/94 LAST NM 30/94 33/94
Substitute Buoy Y, Fl Y (Priv) for
superbuoy ODAS 43°05′N 67°35′W
(See 28/94-108)

Add Buoy Y, Fl Y (Priv) 44°17′N 67°41′W
43°57′N 67°45′W
(15/94 CG1)

108 (INT 403) 9Ed. 1/8/94 LAST NM 33/94 35/94
Add Superbuoy ODAS "41021" Y,
Fl(4) Y 20s 31°55′N 80°51′W
(27/94 CG7)

108 (INT 403) 9Ed. 1/8/94 LAST NM 35/94 48/94
Delete Buoy 43°05′N 67°35′W
44°17′N 67°41′W
43°57′N 67°45′W
(Cancels 33/94-108)
(MCC1348/94)

108 (INT 403) 9Ed. 1/8/94 LAST NM 48/94 52/94
Add Superbuoy ODAS "41016" Y, Fl(4) Y 20s 24°38′N 76°31′W
(MCC1348/94)

108 (INT 403) 9Ed. 1/8/94 LAST NM 52/94 53/94
Delete Light 43°59′N 64°40′W
(23(731)94 Ottawa)

108 (INT 403) 9Ed. 1/8/94 LAST NM 53/94 1/95
Delete R Bn 27°04′N 80°07′W

Superbuoy ODAS "41021" 31°55′N 80°51′W
(Supersedes 35/94-108)
(46, 47/94 CG7)

108 (INT 403) 9Ed. 1/8/94 LAST NM 1/95 2/95
Delete R Bn at light 30°22′N 81°25′W
(49/94 CG7)

108 (INT 403) 9Ed. 1/8/94 LAST NM 2/95 10/95
Delete R Bn at light 33°53′N 78°01′W
(2/95 CG5)

108 (INT 403) 9Ed. 1/8/94 LAST NM 10/95 11/95
Delete R Bn at light 41°10′N 71°36′W
40°27′N 73°49′W
(4, 5/95 CG1)

108 (INT 403) 9Ed. 1/8/94 LAST NM 11/95 20/95
Add Superbuoy ODAS "41021" Y,
Fl(4) Y 20s 31°55′N 80°51′W
(See 1/95-108)
(16/95 CG7)

108 (INT 403) 9Ed. 1/8/94 LAST NM 20/95 48/95
Add Light symbol 43°59′N 64°40′W
(Supersedes 53/94-108)
(11(307)95 Ottawa)

108 (INT 403) 9Ed. 1/8/94 LAST NM 48/95 50/95
Delete R Bn 43°04′N 70°43′W
(40/95 CG1)

108 (INT 403) 9Ed. 1/8/94 LAST NM 50/95 7/96
Delete Superbuoy ODAS "41021" 31°55′N 80°51′W
(Supersedes 20/95-108)
(51/95 CG7)

108 (INT 403) 9Ed. 1/8/94 LAST NM 7/96 12/96
Delete R Bn at light 22°03′N 80°24′W
(5(103)95 Habana)

108 (INT 403) 9Ed. 1/8/94 LAST NM 12/96 14/96
Delete R Bn at light 36°55′N 76°00′W
R Bn 34°42′N 76°41′W
38°47′N 75°05′W
(8/96 CG5)

108 (INT 403) 9Ed. 1/8/94 LAST NM 14/96 37/96
Add Depth 11 meters "Rep (1994)" 34°03′N 76°47′W
(SMEA039/96)

★**108** (INT 403) 9Ed. 1/8/94 LAST NM 37/96 8/97
Add Danger circle "Unexploded ordnance
Rep (1997)" 42°39′N 69°17′W
(3/97 CG1)

108 (INT 403) 9Ed. 1/8/94 LAST NM 8/97 23/97
Delete R Bn at light 22°41′N 78°53′W
(9(222)96 Habana)

108 (INT 403) 9Ed. 1/8/94 LAST NM 23/97 27/97
Delete R Bn (AERO) 25°42′N 79°15′W
(GIMM001/97)

108 (INT 403) 9Ed. 1/8/94 LAST NM 27/97 28/97
Delete R Bn at light 28°27′N 80°33′W
(GIMM002/97)

108 (INT 403) 9Ed. 1/8/94 LAST NM 28/97 29/97
Delete Superbuoy ODAS "41006" 29°18′N 77°22′W
(24/97 CG7)

108 (INT 403) 9Ed. 1/8/94 LAST NM 29/97 37/97
Substitute Buoy "N" RW, Mo(A), Strobe Fl 4s Racon
for superbuoy LANBY "N" 40°30′N 69°26′W
(31/97 CG1)

108 (INT 403) 9Ed. 1/8/94 LAST NM 37/97 28/98
Delete Light and Racon 31°57′N 80°41′W
(19/98 CG7)

108 (INT 403) 9Ed. 1/8/94 LAST NM 28/98 28/99
Delete Buoy "N" 40°30′N 69°26′W
(22/99 CG1)

108 (INT 403) 9Ed. 1/8/94 LAST NM 28/99 50/99
Delete Light symbol 26°05′N 80°06′W
(40/99 CG7)

108 (INT 403) 9Ed. 1/8/94 LAST NM 50/99 16/00
Relocate Superbuoy ODAS "44142" from
42°27′N 64°14′W to 42°30′N 64°01′W
(6(1126)99 Ottawa)

108 (INT 403) 9Ed. 1/8/94 LAST NM 16/00 27/00
Delete R Bn (AERO) 22°22′N 78°46′W
(12(177)99 Habana)

108 (INT 403) 9Ed. 1/8/94 LAST NM 27/00 38/01
Delete Superbuoy ODAS "44004" 38°30′N 70°41′W

Relocate Superbuoy ODAS "41002" from
32°18′N 75°14′W to 32°16′N 75°26′W

Add Superbuoy ODAS [Q58] "44004" Y,
Fl(4) Y 20s 38°30′N 70°28′W
(29/01 CG7; NTM0020/2001)

108 (INT 403) 9Ed. 1/8/94 LAST NM 38/01 42/01
Relocate Superbuoy ODAS "41001" from
34°38′N 72°39′W to 34°40′N 72°13′W
(NTM0020/2001)

108 (INT 403) 9Ed. 1/8/94 LAST NM 42/01 12/02
Relocate Superbuoy ODAS "41002" from
32°16′N 75°26′W to 32°13′N 75°28′W
(See 38/01-108)
(NTM0013/2002)

108 (INT 403) 9Ed. 1/8/94 LAST NM 12/02 13/02
Relocate Superbuoy ODAS "44011" from
41°05′N 66°35′W to 41°04′N 66°35′W
(NTM0013/2002)

108 (INT 403) 9Ed. 1/8/94 LAST NM 13/02 32/02
Add Danger circle "Obstn" [K40] (PA) 31°48′N 79°34′W
(NOS)

108 (INT 403) 9Ed. 1/8/94 LAST NM 32/02 35/02
Add Superbuoy ODAS [Q58] "41012" Y,
Fl(4) Y 20s 30°00′N 80°30′W
(27/02 CG7)

108 (INT 403) 9Ed. 1/8/94 LAST NM 35/02 34/03
Delete R Bn at light 32°01′N 80°50′W
(26/03 CG7)

108 (INT 403) 9Ed. 1/8/94 LAST NM 34/03 39/03
Delete Depth 11 meters, danger circle and legend
"(Rep 1994)" 34°03′N 76°47′W
(NOS)

108 (INT 403) 9Ed. 1/8/94 LAST NM 39/03 19/04
Add Wreck [K29] "Rep (2004)" 25°54′N 79°55′W
(NTM0001/2004)

108 (INT 403) 9Ed. 1/8/94 LAST NM 19/04 21/04
Relocate Superbuoy ODAS "41012" from
30°00′N 80°30′W to 30°03′N 80°33′W
(NTM0036/2003)

108 (INT 403) 9Ed. 1/8/94 LAST NM 21/04 1/05
Relocate Superbuoy ODAS "41002" from
32°13′N 75°28′W to 32°19′N 75°21′W
(NOS)

108 (INT 403) 9Ed. 1/8/94 LAST NM 1/05 26/05
Relocate Superbuoy ODAS "44005" from
42°54′N 68°57′W to 43°11′N 69°10′W

Add Depth 1116 meters "Rep (2005)" 27°26′N 76°35′W
(NTM0002, 0024/2005)

108 (INT 403) 9Ed. 1/8/94 LAST NM 26/05 13/06
Relocate Superbuoy ODAS "44011" from
41°06′N 66°37′W to 41°07′N 66°35′W
(9/06 CG1)

108 (INT 403) 9Ed. 1/8/94 LAST NM 13/06 28/06
Add Depth 390 meters 23°07′N 79°16′W
(NTM0007/2005)

108 (INT 403) 9Ed. 1/8/94 LAST NM 28/06 8/07
Substitute Depth 8 meters for 13 meters 20°08′N 68°51′W

Add Depth 63 meters, blue tint and enclosing
dotted-line circle 20°03′N 69°22′W
(46(5388)05 Taunton)

108 (INT 403) 9Ed. 1/8/94 LAST NM 8/07 12/07
Add Superbuoy ODAS [Q58] "41424" RW,
Fl(4) Y 20s 32°56′N 72°28′W
(18/06 CG5)

108 (INT 403) 9Ed. 1/8/94 LAST NM 12/07 42/07
Add Wreck [K29] 40°26′N 68°21′W
(NOS)

★**109** (INT 404) 5Ed. 8/5/95 NEW EDITION 41/95
(DMA)

109 (INT 404) 5Ed. 8/5/95 LAST NM 41/95 48/95
Add Light symbol 43°59′N 64°40′W
(11(307)95 Ottawa)

109 (INT 404) 5Ed. 8/5/95 LAST NM 48/95 7/96
Delete Purple circle at light 46°27′N 61°58′W
(24(701)95 Ottawa)

109 (INT 404) 5Ed. 8/5/95 LAST NM 7/96 13/96
Delete Purple circle at light 49°19′N 67°23′W

Relocate Superbuoy ODAS "44140" close W to 42°51′N 51°34′W
(2(128, 137)96 Ottawa)

109 (INT 404) 5Ed. 8/5/95 LAST NM 13/96 36/96
Delete Purple circle at light 49°05′N 61°42′W
(7(373)96 Ottawa)

109 (INT 404) 5Ed. 8/5/95 LAST NM 36/96 42/96
Delete Purple circle at light 46°03′N 59°40′W
45°20′N 60°55′W
(8(426, 430)96 Ottawa)

109 (INT 404) 5Ed. 8/5/95 LAST NM 42/96 2/97
Delete Purple circle at light 44°27′N 63°33′W
47°51′N 61°09′W
48°00′N 64°32′W

Substitute Depth 36 meters "Rep (1982)" (PA) for
37 meters "Rep (1982)" (PA) 45°53′N 47°41′W

Add Danger circle "Obstn" 45°32′N 48°37′W
(GIMM001/97)

109 (INT 404) 5Ed. 8/5/95 LAST NM 2/97 8/97
Add Danger circle "Unexploded ordnance
Rep (1997)" 42°39′N 69°17′W
(3/97 CG1)

109 (INT 404) 5Ed. 8/5/95 LAST NM 8/97 37/97
Substitute Buoy "N" RW, Mo(A), Strobe Fl 4s Racon
for superbuoy LANBY "N" 40°30′N 69°26′W
(31/97 CG1)

109 (INT 404) 5Ed. 8/5/95 LAST NM 37/97 23/98
Delete Buoy "Virgin Rocks" 46°28′N 50°40′W
(4(E739)98 Ottawa)

109 (INT 404) 5Ed. 8/5/95 LAST NM 23/98 26/98
Delete Light 48°30′N 64°13′W
(4(E717)98 Ottawa)

109 (INT 404) 5Ed. 8/5/95 LAST NM 26/98 43/98
Add Superbuoy ODAS "44153" Y, Fl(5) Y 20s 46°44′N 48°49′W
(9(E1712)98 Ottawa)

109 (INT 404) 5Ed. 8/5/95 LAST NM 43/98 28/99
Delete Buoy "N" 40°30′N 69°26′W
(22/99 CG1)

109 (INT 404) 5Ed. 8/5/95 LAST NM 28/99 16/00
Relocate Superbuoy ODAS "44142" from
42°27′N 64°16′W to 42°30′N 64°01′W
(6(1126)99 Ottawa)

109 (INT 404) 5Ed. 8/5/95 LAST NM 16/00 26/05
Relocate Superbuoy ODAS "44005" from
42°54′N 68°57′W to 43°11′N 69°10′W
(NTM0002/2005)

109 (INT 404) 5Ed. 8/5/95 LAST NM 26/05 2/07
Delete Superbuoy ODAS "44153" 46°44′N 48°49′W
(3(4000)06 Ottawa)

109 (INT 404) 5Ed. 8/5/95 LAST NM 2/07 19/07
Delete Light 43°56′N 60°02′W
(10(4013)04 Ottawa)

109 (INT 404) 5Ed. 8/5/95 LAST NM 19/07 42/07
Add Wreck [K29] 40°26′N 68°21′W
(NOS)

109 (INT 404) 5Ed. 8/5/95 LAST NM 42/07 44/07
Substitute Disused submarine cable [L32] for
submarine cable between 46°22′N 60°13′W
47°22′N 56°05′W

Disused submarine cable [L32] for
submarine cable between 46°22′N 60°14′W
47°17′N 56°07′W
(12(4002)04 Ottawa)

★**110** (INT 405) 2Ed. 3/16/96 NEW EDITION 26/96
Delete Racon 60°04′N 43°13′W
59°59′N 45°13′W
62°00′N 49°41′W

Add Depth 156 meters enclosed by
dotted-line circle 59°45.3′N 46°08.8′W
(DMA; SMEA006/96)

110 (INT 405) 2Ed. 3/16/96 LAST NM 26/96 29/96
Substitute Depth 292 meters for 1125 meters 55°09′N 34°53′W

Add Depth 422 meters 56°31′N 34°00′W
(SMEA006/96)

110 (INT 405) 2Ed. 3/16/96 LAST NM 29/96 34/07
Delete Light symbol and R Bn 60°42′N 64°38′W
(2(4700)07 Ottawa)

110 (INT 405) 2Ed. 3/16/96 LAST NM 34/07 36/07
Delete Light symbol 61°18′N 64°53′W
(12(5002)06 Ottawa)

★**111** (INT 406) 3Ed. 4/12/97 NEW EDITION 25/97
(NIMA)

111 (INT 406) 3Ed. 4/12/97 LAST NM 25/97 51/06
Delete Light and R Bn 62°32′N 70°34′W
(3(4000)06 Ottawa)

111 (INT 406) 3Ed. 4/12/97 LAST NM 51/06 34/07
Delete Light symbol and R Bn 60°42′N 64°37′W
(2(4700)07 Ottawa)

111 (INT 406) 3Ed. 4/12/97 LAST NM 34/07 36/07
Delete Light and R Bn 61°18′N 64°52′W
(12(5002)06 Ottawa)

★**112** (INT 112) 6Ed. 6/15/96 NEW EDITION 34/96
(DMA)

112 (INT 112) 6Ed. 6/15/96 LAST NM 34/96 8/98
Substitute Depth 94 meters for 111 meters 63°49′N 15°10′W

Add Depth 47 meters 64°00′N 15°36′W
(GIMM011/98)

112 (INT 112) 6Ed. 6/15/96 LAST NM 8/98 19/98
Delete RC 64°39.0′N 14°17.0′W
RC at light 65°30.0′N 24°30.0′W
(12(34, 35)97 Reykjavik)

112 (INT 112) 6Ed. 6/15/96 LAST NM 19/98 23/99
Delete RC at light 63°48′N 22°42′W
66°07′N 20°06′W

RC 66°27′N 15°56′W
63°31′N 17°58′W
(1(5)99 Reykjavik)

112 (INT 112) 6Ed. 6/15/96 LAST NM 23/99 27/99
Delete RC at light. 63°48′N 16°38′W
(4(15)99 Reykjavik)

★**113** (INT 113) 4Ed. 6/15/96 NEW EDITION 33/96
(DMA)

★**120** 6Ed. 8/20/94 NEW EDITION 51/94
Add Superbuoy ODAS "41018" Y,
Fl(4) Y 20s 15°00′N 75°00′W
(Previously published 47/94)

Delete Buoy 43°05′N 67°35′W
(DMAHTC; MCC1348/94)

120 6Ed. 8/20/94 LAST NM 51/94 1/95
Delete R Bn 27°04′N 80°07′W
(47/94 CG7)

120 6Ed. 8/20/94 LAST NM 1/95 2/95
Delete R Bn 30°22′N 81°25′W
(49/94 CG7)

120 6Ed. 8/20/94 LAST NM 2/95 4/95
Add Superbuoy ODAS "44140" Y,
Fl(5) Y 20s 42°42′N 50°30′W
(25(784)94 Ottawa)

120 6Ed. 8/20/94 LAST NM 4/95 10/95
Delete R Bn 33°54′N 78°00′W
35°49′N 75°31′W

(2/95 CG5)

120 6Ed. 8/20/94 LAST NM 10/95 11/95
Delete R Bn 40°27′N 73°50′W
(4/95 CG1)

120 6Ed. 8/20/94 LAST NM 11/95 15/95
Delete Depth
10 fathoms 38°13′N 29°06′W
11 fathoms 37°50′N 29°17′W
75 fathoms 37°45′N 29°05′W
(7(24)95 Brest)

120 6Ed. 8/20/94 LAST NM 15/95 29/95
Add Depth 321 fathoms 6°21′N 32°58′W
(14(56)95 Brest)

120 6Ed. 8/20/94 LAST NM 29/95 49/95
Delete R Bn 43°06′N 70°40′W
(40/95 CG1)

120 6Ed. 8/20/94 LAST NM 49/95 5/96
Delete Depth 23 fathoms 46°07′N 48°12′W
(Can CH 4049)

120 6Ed. 8/20/94 LAST NM 5/96 12/96
Delete R Bn 22°03′N 80°24′W
(5(103)95 Habana)

120 6Ed. 8/20/94 LAST NM 12/96 13/96
Delete Superbuoy ODAS "41018" 15°00′N 75°00′W

Relocate Superbuoy ODAS "44140"
(42°42′N 50°30′W) to 42°51′N 51°34′W
(8/96 CG7; 2(128)96 Ottawa)

120 6Ed. 8/20/94 LAST NM 13/96 14/96
Delete R Bn 34°43′N 76°42′W
36°55′N 76°00′W
38°47′N 75°08′W

(8/96 CG5)

120 6Ed. 8/20/94 LAST NM 14/96 17/96
Delete Depth 57 fathoms 38°20′N 30°06′W
(4(33)96 Brest)

120 6Ed. 8/20/94 LAST NM 17/96 29/96
Substitute Depth
128 fathoms for 725 fathoms 6°19′N 22°37′W
416 fathoms for 875 fathoms 6°10′N 24°52′W

Add Depth 432 fathoms 6°00′N 24°57′W
(23(1907)96 Taunton)

120 6Ed. 8/20/94 LAST NM 29/96 37/96
Add Depth 6 fathoms "Rep (1994)" 34°03′N 76°47′W
(SMEA039/96)

120 6Ed. 8/20/94 LAST NM 37/96 42/96
Delete R Bn 46°03′N 59°40′W
45°20′N 60°55′W

(8(426, 430)96 Ottawa)

120 6Ed. 8/20/94 LAST NM 42/96 28/97
Delete R Bn 28°28′N 80°35′W
(GIMM002/97)

120 6Ed. 8/20/94 LAST NM 28/97 37/97
Delete Superbuoy LANBY 40°30′N 69°25′W
(31/97 CG1)

120 6Ed. 8/20/94 LAST NM 37/97 12/98
Substitute Depth 14 fathoms for 19 fathoms 36°43′N 11°10′W
(14(142), 15(156)97 Lisboa)

120 6Ed. 8/20/94 LAST NM 12/98 5/99
Delete R Bn 50°00′N 6°20′W
(30/98 Trinity House)

120 6Ed. 8/20/94 LAST NM 5/99 42/99
Add Superbuoy ODAS Y with light flare symbol
14°37′N 56°15′W
Superbuoy ODAS Y with light flare symbol
15°57′N 57°55′W
(10(59)99 Brest)

120 6Ed. 8/20/94 LAST NM 42/99 49/99
Substitute Depth 6 fathoms 3 feet for 3 fathoms 5 feet
38°13′N 26°36′W

(1(52)98 Lisboa)

120 6Ed. 8/20/94 LAST NM 49/99 10/00
Delete R Bn 38°47′N 9°30′W
(21(298)99 Lisboa)

120 6Ed. 8/20/94 LAST NM 10/00 16/00
Relocate Superbuoy ODAS "44142" from
42°31′N 64°12′W to 42°30′N 64°01′W
(6(1126)99 Ottawa)

120 6Ed. 8/20/94 LAST NM 16/00 18/00
Substitute Depth 64 fathoms "Rep (2000)" for
270 fathoms 34°31′N 30°36′W
(NTM0001/2000)

120 6Ed. 8/20/94 LAST NM 18/00 48/00
Delete R Bn 48°28′N 5°08′W
R Bn 47°50′N 4°20′W
R Bn 47°55′N 4°10′W
R Bn 46°45′N 2°20′W
(3(13)00 Brest)

120 6Ed. 8/20/94 LAST NM 48/00 34/01
Delete R Bn 37°01′N 8°55′W
(4(145)01 Lisboa; Por LL)

120 6Ed. 8/20/94 LAST NM 34/01 38/01
Delete Superbuoy ODAS 32°18′N 75°14′W

Add Superbuoy ODAS [Q58] "41002" Y,
Fl(4) Y 20s 32°16′N 75°26′W
(29/01 CG7)

120 6Ed. 8/20/94 LAST NM 38/01 44/01
Delete R Bn 41°12′N 8°35′W
R Bn 40°40′N 8°45′W
R Bn 40°15′N 8°50′W
R Bn 39°23′N 9°30′W
(4(134)01 Lisboa)

120 6Ed. 8/20/94 LAST NM 44/01 39/03
Delete Depth 6 fathoms, danger circle and legend
"(Rep 1994)" 34°03′N 76°47′W
(NOS)

120 6Ed. 8/20/94 LAST NM 39/03 26/05
Relocate Superbuoy ODAS "44005" from
42°54′N 68°57′W to 43°11′N 69°10′W

Add Depth 610 fathoms "Rep (2005)" 27°26′N 76°35′W
(NTM0002, 0024/2005)

120 6Ed. 8/20/94 LAST NM 26/05 8/06
Delete R Bn 33°01′N 16°18′W
R Bn 32°40′N 16°37′W
R Bn 28°03′N 16°34′W
R Bn 28°12′N 15°22′W
R Bn 28°17′N 13°55′W
R Bn 33°35′N 7°34′W
(28(294)05 Cadiz)

120 6Ed. 8/20/94 LAST NM 8/06 20/06
Delete R Bn 42°15′N 8°48′W
R Bn 42°57′N 9°11′W
R Bn 43°10′N 9°09′W
R Bn 43°40′N 5°50′W
R Bn 43°25′N 2°45′W
R Bn 35°47′N 5°56′W
(40(400)05 Cadiz; Spn LL)

120 6Ed. 8/20/94 LAST NM 20/06 28/06
Add Depth 208 fathoms 23°07′N 79°16′W
(NTM0007/2005)

120 6Ed. 8/20/94 LAST NM 28/06 50/06
Add Depth 4 fathoms Obstn [K41] "Rep (2006)"
16°29′N 81°22′W
Depth 4 fathoms Obstn [K41] "Rep (2006)"
16°23′N 81°19′W
(43(4946)06 Taunton)

120 6Ed. 8/20/94 LAST NM 50/06 8/07
Substitute Depth 4 fathoms 3 feet for 7 fathoms 20°08′N 68°51′W
(46(5388)05 Taunton)

120 6Ed. 8/20/94 LAST NM 8/07 24/07
Add Superbuoy ODAS [Q58] "41036" Y,
Fl(4) Y 20s 34°13′N 76°57′W
(NTM0018/2007)

★121 5Ed. 2/12/83 NEW EDITION 15/83
Delete Depth 142 fathoms 37°43′N 28°55′W
(Previously published 8/83)

Add Depths
57 fathoms 38°20′N 30°06′W
75 fathoms 37°45′N 29°08′W
(Previously published 8/83)

Add Wreck "(15 fathoms rep)" 46°43′18″N 48°50′06″W
(Previously published 13/83)
(DMAHTC)

121 5Ed. 2/12/83 LAST NM 15/83 22/83
Add Depth 8¾ fathoms 66°26′N 17°59′W
(NVS6862/83)

121 5Ed. 2/12/83 LAST NM 22/83 24/83
Delete Legend "Chaucer Bank Rep (ED)" 43°00′N 29°40′W

Depths
13 fathoms 42°58′N 28°42′W
18 fathoms 42°48′N 28°42′W
45 fathoms "Rep" 43°13′N 29°35′W
70 fathoms "Rep" 43°34′N 29°20′W
28 fathoms and enclosing
depth contour (30-fathom) 43°00′N 29°00′W
(NVS6940/83)

121 5Ed. 2/12/83 LAST NM 24/83 36/83
Add Depth 20 fathoms "Rep (1982)" (PA) 45°53′N 47°40′W
(NVS7009/83)

121 5Ed. 2/12/83 LAST NM 36/83 40/83
Delete Wreck 46°43′18″N 48°50′06″W
(See 15/83-121)

Add Wreck 46°01.6′N 47°57.4′W
(NVS7042/83)

121 5Ed. 2/12/83 LAST NM 40/83 4/84
Substitute Depth 54 fathoms Wk for wreck 46°01.6′N 47°54.4′W

Add Depth 15 fathoms Wk 46°43.3′N 48°50.1′W
(Supersedes 40/83-121)
(40(949)83 Ottawa)

121 5Ed. 2/12/83 LAST NM 4/84 10/84
Delete Depth 15 fathoms Wk 46°43.3′N 48°50.1′W
(See 4/84-121)
(5(140)84 Ottawa)

121 5Ed. 2/12/83 LAST NM 10/84 16/84
Add Depth 189 fathoms 36°26′N 33°51′W
(10(605)84 Taunton)

121 5Ed. 2/12/83 LAST NM 16/84 20/84
Add Depth 281 fathoms 37°31.5′N 29°36.7′W
(13(819)84 Taunton)

121 5Ed. 2/12/83 LAST NM 20/84 34/84
Delete Depth 8¾ fathoms 66°26′N 17°59′W

Add Depths
99 fathoms 66°40.0′N 17°44.0′W
98 fathoms 66°25.0′N 17°37.5′W
56 fathoms 66°19.0′N 19°37.0′W
81 fathoms 66°12.5′N 14°23.0′W
40 fathoms 66°21.0′N 14°00.0′W
62 fathoms 66°36.5′N 14°37.5′W
375 fathoms 67°07.5′N 13°15.0′W
164 fathoms 67°07.2′N 17°55.7′W
114 fathoms 65°59.0′N 12°25.0′W
(25(1591)84 Taunton)

121 5Ed. 2/12/83 LAST NM 34/84 38/85
Delete Depth 526 fathoms 38°10′N 26°09′W

Add Depths
169 fathoms 38°44′N 26°32′W
244 fathoms 38°10′N 26°02′W
275 fathoms 37°45′N 26°18′W
291 fathoms 37°26′N 26°27′W
128 fathoms 37°08′N 31°24′W
(31(2038)85 Taunton)

121 5Ed. 2/12/83 LAST NM 38/85 44/85
Delete Depths
15 fathoms "Rep (1950)" 49°51′N 11°35′W
49 fathoms 49°41′N 12°02′W
6½ fathoms 49°33′N 11°40′W
12 fathoms "Rep (1947)" 49°32′N 11°20′W
8 fathoms 49°21′N 11°23′W
7 fathoms "Rep (1951)" 49°10′N 11°30′W
(BA CH 2)

121 5Ed. 2/12/83 LAST NM 44/85 50/85
Delete Depth 370 fathoms 46°20′N 27°22′W
(41(26)85 Brest)

121 5Ed. 2/12/83 LAST NM 50/85 13/86
Add Depth 45 fathoms "Rep (1985)" 63°38.5′N 16°58.0′W

Legend
"Local Magnetic Anomaly Rep" 59°56.0′N 3°16.0′W
(1(35, 2(122)86 Taunton)

121 5Ed. 2/12/83 LAST NM 13/86 37/86
Add Depth 86 fathoms 36°50′N 7°28′W
(MCNM7802/86)

121 5Ed. 2/12/83 LAST NM 37/86 32/88
Add Depth 48 fathoms "Rep (1988)" 53°59′N 13°10′W
(MCNM0100/88)

121 5Ed. 2/12/83 LAST NM 32/88 44/88
Add Superbuoys ODAS 52°44′N 25°02′W
52°06′N 25°50′W
52°42′N 26°36′W
(36(2680)88 Taunton)

121 5Ed. 2/12/83 LAST NM 44/88 12/89
Delete Depth 29 fathoms (PA) 43°03′N 9°35′W
(45(1094)88 Cadiz)

121 5Ed. 2/12/83 LAST NM 12/89 28/89
Add Depth 159 fathoms "Rep" 55°08′N 34°55′W
(20(1536)89 Taunton)

121 5Ed. 2/12/83 LAST NM 28/89 34/89
Add Depth 51 fathoms 38°45′N 30°01′W
(MCNM7551/85)

121 5Ed. 2/12/83 LAST NM 34/89 35/89
Add Depth 37 fathoms 59°33′N 28°10′W
(MCNM7551/85)

121 5Ed. 2/12/83 LAST NM 35/89 45/90
Delete Depth 37 fathoms 59°33′N 28°10′W
(MCNM1021/90)

121 5Ed. 2/12/83 LAST NM 45/90 28/91
Add Superbuoys, each ODAS Y, Fl(5) Y 20s
"44137" 41°11.6′N 61°07.8′W
"44139" 44°19.2′N 57°21.2′W
"44140" 42°43.8′N 50°36.4′W
"44142" 42°29.6′N 64°12.0′W
"44141" 42°04.0′N 56°09.1′W
(MCNM1098/91)

121 5Ed. 2/12/83 LAST NM 28/91 48/91
Add Superbuoy ODAS "44138" Y, Fl(5) Y 20s 44°13′N 53°36′W
(44(834)91 Ottawa)

121 5Ed. 2/12/83 LAST NM 48/91 51/91
Delete Depth 71 fathoms 37°30′N 30°22′W
(38(27)91 Brest)

121 5Ed. 2/12/83 LAST NM 51/91 3/92
Relocate Superbuoy ODAS "44141"
(42°04.0′N 56°09.1′W) to 42°04.0′N 50°09.1′W
(See 28/91-121)
(50(943)91 Ottawa)

121 5Ed. 2/12/83 LAST NM 3/92 5/92
Add Superbuoys, each ODAS Y, Fl(5) Y 20s
"23" 53°12′N 15°04′W
(undesignated) 56°55′N 12°58′W
(37(2604, 2608)91 Taunton)

121 5Ed. 2/12/83 LAST NM 5/92 11/92
Relocate Superbuoy ODAS "44141"
(42°04.0′N 50°09.1′W) to 42°04.0′N 56°09.1′W
(See 3/92-121)
(6(107)92 Ottawa)

121 5Ed. 2/12/83 LAST NM 11/92 15/92
Add Superbuoys, each ODAS Y, Fl(5) Y 20s
"25GB" 51°01′N 13°19′W
"24GB" 48°42′N 12°23′W
(4(224)92 Taunton)

121 5Ed. 2/12/83 LAST NM 15/92 3/94
Delete Superbuoy ODAS "44140" 42°43.8′N 50°36.4′W
(45(830)93 Ottawa)

121 5Ed. 2/12/83 LAST NM 3/94 4/94
Delete Superbuoy ODAS 56°55′N 12°58′W
(45(3795)93 Taunton)

121 5Ed. 2/12/83 LAST NM 4/94 28/94
Add Superbuoy ODAS Y, Fl(4) Y (Priv) 43°05′N 67°35′W
(10(355, 366)94 Ottawa)

121 5Ed. 2/12/83 LAST NM 28/94 33/94
Substitute Buoy Y, Fl Y (Priv) for
superbuoy ODAS 43°05′N 67°35′W
(See 28/94-121)
(15/94 CG1)

121 5Ed. 2/12/83 LAST NM 33/94 36/94
Add Wreck (PA) 39°54′N 69°46′W
(22/94 CG1)

121 5Ed. 2/12/83 LAST NM 36/94 40/94
Delete Superbuoy ODAS "23" 53°12′N 15°04′W
(32(2681)94 Taunton)

121 5Ed. 2/12/83 LAST NM 40/94 48/94
Delete Buoy 43°05′N 67°35′W
(Cancels 33/94-121)
(MCC1348/94)

121 5Ed. 2/12/83 LAST NM 48/94 4/95
Add Superbuoy ODAS "44140" Y,
Fl(5) Y 20s 42°42′N 50°30′W
(25(784)94 Ottawa)

121 5Ed. 2/12/83 LAST NM 4/95 15/95
Delete Depth
10 fathoms 38°13′N 29°06′W
11 fathoms 37°50′N 29°17′W
75 fathoms 37°45′N 29°08′W
(7(24)95 Brest)

121 5Ed. 2/12/83 LAST NM 15/95 5/96
Delete Depth 16 fathoms 47°31′N 49°14′W
(Can CH 4049)

121 5Ed. 2/12/83 LAST NM 5/96 13/96
Relocate Superbuoy ODAS "44140"
(42°42′N 50°30′W) to 42°51′N 51°34′W
(2(128)96 Ottawa)

121 5Ed. 2/12/83 LAST NM 13/96 17/96
Delete Depth 57 fathoms 38°20′N 30°06′W
(4(33)96 Brest)

121 5Ed. 2/12/83 LAST NM 17/96 12/98
Substitute Depth 14 fathoms for 19 fathoms 36°43′N 11°10′W
(14(142), 15(156)97 Lisboa)

121 5Ed. 2/12/83 LAST NM 12/98 49/99
Substitute Depth 6½ fathoms for 3 fathoms 38°13′N 26°36′W
(1(52)98 Lisboa)

121 5Ed. 2/12/83 LAST NM 49/99 16/00
Relocate Superbuoy ODAS "44142" from
42°30′N 64°12′W to 42°30′N 64°01′W
(6(1126)99 Ottawa)

121 5Ed. 2/12/83 LAST NM 16/00 38/01
Add Superbuoy ODAS [Q58] "44004" Y,
Fl(4) Y 20s 38°30′N 70°28′W
(NTM0020/2001)

121 5Ed. 2/12/83 LAST NM 38/01 42/04
Delete Depth 48 fathoms "Rep (1988)" 53°59′N 13°10′W
(NTM0019/2004)

★124 10Ed. 6/15/96 NEW EDITION 38/96
Add Depth 6 fathoms "Rep (1994)" 34°03′N 76°47′W
(Previously published 37/96)
(DMA)

124 10Ed. 6/15/96 LAST NM 38/96 42/96
Delete R Bn (AERO) 12°13′N 69°04′W
(BA RA)

124 10Ed. 6/15/96 LAST NM 42/96 23/97
Delete R Bn 22°41′N 78°53′W
(9(222)96 Habana)

124 10Ed. 6/15/96 LAST NM 23/97 28/97
Delete R Bn 28°29′N 80°32′W
(GIMM002/97)

124 10Ed. 6/15/96 LAST NM 28/97 42/99
Add Superbuoy ODAS Y with light flare symbol
14°37′N 56°15′W
Superbuoy ODAS Y with light flare symbol
15°57′N 57°55′W
(10(59)99 Brest)

124 10Ed. 6/15/96 LAST NM 42/99 18/03
Delete R Bn (AERO) 4°48′N 52°21′W
(7(56)00 Brest)

124 10Ed. 6/15/96 LAST NM 18/03 34/03
Delete R Bn 32°00′N 80°50′W
(26/03 CG7)

124 10Ed. 6/15/96 LAST NM 34/03 39/03
Delete Depth 6 fathoms, danger circle and legend
"(Rep 1994)" 34°03′N 76°47′W
(NOS)

124 10Ed. 6/15/96 LAST NM 39/03 27/04
Delete Depth 4½ fathoms, enclosing dotted-line circle
and legend "Rep (1972)" 17°00′N 83°15′W
Add Depth 14 fathoms 16°54′N 83°20′W
(NTM0012/2004)

124 10Ed. 6/15/96 LAST NM 27/04 26/05
Add Depth 610 fathoms "Rep (2005)" 27°26′N 76°35′W
(NTM0024/2005)

124 10Ed. 6/15/96 LAST NM 26/05 28/06
Add Depth 208 fathoms 23°07′N 79°16′W
(NTM0007/2005)

124 10Ed. 6/15/96 LAST NM 28/06 50/06
Add Depth 4 fathoms Obstn [K41] "Rep (2006)"
16°29′N 81°22′W
Depth 4 fathoms Obstn [K41] "Rep (2006)"
16°23′N 81°19′W
(43(4946)06 Taunton)

124 10Ed. 6/15/96 LAST NM 50/06 8/07
Substitute Depth 4½ fathoms for 7 fathoms 20°08′N 68°51′W
(46(5388)05 Taunton)

★125 7Ed. 4/12/86 NEW EDITION 25/86
(DMAHTC)

125 7Ed. 4/12/86 LAST NM 25/86 27/86
Add Depth 117 fathoms "Rep (1986)" 9°15.5′N 21°19.9′W
(17(1277)86 Taunton)

125 7Ed. 4/12/86 LAST NM 27/86 37/86
Add Depth 86 fathoms 36°50′N 7°28′W
(MCNM7802/86)

125 7Ed. 4/12/86 LAST NM 37/86 5/87
Add Depth 7 fathoms "Rep (1986)" 21°06′N 17°33′W
(MCNM7883/87)

125 7Ed. 4/12/86 LAST NM 5/87 14/87
Delete Depth 9 fathoms "Rep (1951)" (PD) 20°31′N 19°12′W
(MCNM7928/87)

125 7Ed. 4/12/86 LAST NM 14/87 25/87
Substitute Depth 135 fathoms "Rep" for
139 fathoms "Rep (1977)" 25°22′N 19°28′W
Add Depth 89 fathoms "Rep" 25°20′N 19°20′W
(16(32)87 Brest)

125 7Ed. 4/12/86 LAST NM 25/87 9/88
Delete Depth 5 fathoms "Rep (1952)" (ED) 3°57′N 6°34′E
(MCNM8058/88)

125 7Ed. 4/12/86 LAST NM 9/88 11/88
Relocate R Bn close SW to 9°31.0′N 13°41.0′W
(1(59)88 Taunton)

125 7Ed. 4/12/86 LAST NM 11/88 51/88
Delete R Bn (AERO) 3°43′N 8°47′E
(BA RA)

125 7Ed. 4/12/86 LAST NM 51/88 19/89
Delete Depth 290 fathoms 28°01′N 17°00′W
(MCNM8142/88)

125 7Ed. 4/12/86 LAST NM 19/89 23/89
Delete Depths
9 fathoms 34°04′N 8°00′W
10 fathoms "Rep (1960)" 33°53′N 8°20′W
14 fathoms 33°55′N 7°53′W
18 fathoms 33°48′N 7°49′W
(MCNM1058/89)

125 7Ed. 4/12/86 LAST NM 23/89 34/89
Delete R Bn 28°00′N 15°25′W
(BA RA)

125 7Ed. 4/12/86 LAST NM 34/89 51/89
Delete Depths
12 fathoms "Rep (1887)" 31°12′N 13°41′W
47 fathoms 31°05′N 13°39′W
70 fathoms 31°05′N 13°24′W
80 fathoms "Rep (1960)" 30°37′N 13°06′W
4 fathoms "Rep (1972)" 29°55′N 12°40′W
88 fathoms 29°54′N 12°50′W
24 fathoms (ED) 29°58′N 13°03′W

Substitute Depths 85 fathoms for 135 fathoms 29°59′N 12°42′W

Add Depths
125 fathoms 31°39′N 13°07′W
42 fathoms 31°10′N 13°37′W
(RS004188, 004196/74)

125 7Ed. 4/12/86 LAST NM 51/89 8/90
Delete R Bn 4°23′N 7°43′W
(44(3315)89 Taunton)

125 7Ed. 4/12/86 LAST NM 8/90 26/90
Delete R Bns 5°42′N 0°22′W
4°57′N 1°44′W
(MCNM1027/90)

125 7Ed. 4/12/86 LAST NM 26/90 51/90
Delete Depth 10 fathoms 5°29′N 0°36′E
(34(2403)90 Taunton)

125 7Ed. 4/12/86 LAST NM 51/90 51/91
Delete Depth 71 fathoms 37°25′N 30°26′W
(38(27)91 Brest)

125 7Ed. 4/12/86 LAST NM 51/91 26/92
Delete Depths
15 fathoms "Rep (1967)" 11°56′N 17°23′W
90 fathoms "Rep (1968)" 12°02′N 17°28′W
(16(43)92 Brest)

125 7Ed. 4/12/86 LAST NM 26/92 44/92
Delete R Bns 34°17′N 6°38′W
34°00′N 6°39′W
28°38′N 17°47′W
(BA RA)

125 7Ed. 4/12/86 LAST NM 44/92 36/93
Delete R Bn 0°22′N 6°42′E
(BA RA)

125 7Ed. 4/12/86 LAST NM 36/93 10/94
Delete Depth 67 fathoms (PD) 25°52′N 16°06′W
R Bn 21°00′N 17°04′W
(4(319)94 Taunton; BA RA)

125 7Ed. 4/12/86 LAST NM 10/94 29/95
Add Depth 321 fathoms 6°21′N 32°58′W
(14(56)95 Brest)

125 7Ed. 4/12/86 LAST NM 29/95 29/96
Substitute Depth
128 fathoms for 725 fathoms 6°19′N 22°37′W
416 fathoms for 875 fathoms 6°10′N 24°52′W

Add Depth 432 fathoms 6°00′N 24°57′W
(23(1907)96 Taunton)

125 7Ed. 4/12/86 LAST NM 29/96 12/98
Add Depth 14 fathoms 36°43′N 11°10′W
(14(142), 15(156)97 Lisboa)

★**125** 7Ed. 4/12/86 LAST NM 12/98 18/00
Substitute Depth 64 fathoms "Rep (2000)" for
270 fathoms 34°31′N 30°36′W
(NTM0001/2000)

125 7Ed. 4/12/86 LAST NM 18/00 34/01
Delete R Bn 37°05′N 8°58′W
Note: R Bn close SE remains
(4(145)01 Lisboa; Por LL)

125 7Ed. 4/12/86 LAST NM 34/01 44/01
Delete R Bn 36°58′N 7°52′W
R Bn 37°11′N 7°25′W
(4(134)01 Lisboa)

125 7Ed. 4/12/86 LAST NM 44/01 21/03
Delete R Bn 36°12′N 6°02′W
(6(102)03 Cadiz)

125 7Ed. 4/12/86 LAST NM 21/03 46/04
Delete R Bn 36°00′N 5°36′W
(Spn LL)

125 7Ed. 4/12/86 LAST NM 46/04 8/06
Delete R Bn 33°02′N 16°22′W
R Bn 32°41′N 16°48′W
R Bn 28°10′N 15°27′W
R Bn 28°14′N 13°57′W
R Bn 28°59′N 13°35′W
R Bn 33°35′N 7°40′W
R Bn 33°37′N 7°34′W
(28(294)05 Cadiz)

125 7Ed. 4/12/86 LAST NM 8/06 20/06
Delete R Bn 35°47′N 5°56′W
(40(400)05 Cadiz)

★**126** 39Ed. 4/13/96 NEW EDITION 29/96
Delete Depth 57 fathoms 38°20′N 30°06′W
(Previously published 17/96)
(DMA)

126 39Ed. 4/13/96 LAST NM 29/96 12/98
Add Depth 14 fathoms 36°43′N 11°10′W
(14(142), 15(156)97 Lisboa)

126 39Ed. 4/13/96 LAST NM 12/98 5/99
Delete R Bn 50°00.0′N 6°19.0′W
55°40.0′N 6°30.0′W
58°31.0′N 6°15.0′W
59°54.0′N 1°17.0′W
51°26.0′N 9°49.0′W
51°36.0′N 8°32.0′W
55°16.0′N 8°14.0′W
54°17.0′N 10°05.0′W
52°34.0′N 9°56.0′W
(30/98 Trinity House; BA RA)

126 39Ed. 4/13/96 LAST NM 5/99 49/99
Substitute Depth 6½ fathoms for 3¾ fathoms 38°13′N 26°36′W
(1(52)98 Lisboa)

126 39Ed. 4/13/96 LAST NM 49/99 10/00
Delete R Bn at light 38°50′N 9°28′W
(21(298)99 Lisboa)

126 39Ed. 4/13/96 LAST NM 10/00 18/00
Substitute Depth 64 fathoms "Rep (2000)" for
270 fathoms 34°31′N 30°36′W
(NTM0001/2000)

126 39Ed. 4/13/96 LAST NM 18/00 48/00
Delete R Bn 48°28′N 5°08′W
R Bn 46°43′N 2°24′W
R Bn 45°42′N 1°14′W
R Bn 44°39′N 1°15′W
(3(13)00 Brest)

126 39Ed. 4/13/96 LAST NM 48/00 34/01
Delete R Bn 37°04′N 8°57′W
(4(145)01 Lisboa; Por LL)

126 39Ed. 4/13/96 LAST NM 34/01 44/01
Delete R Bn 41°12′N 8°37′W
R Bn 40°40′N 8°44′W
R Bn 40°14′N 8°53′W
R Bn 39°23′N 9°30′W
(4(134)01 Lisboa)

126 39Ed. 4/13/96 LAST NM 44/01 21/03
Delete R Bn 36°12′N 6°02′W
(6(102)03 Cadiz)

126 39Ed. 4/13/96 LAST NM 21/03 42/04
Delete Depth 48 fathoms "Rep (1988)" 54°00′N 13°10′W
(NTM0019/2004)

126 39Ed. 4/13/96 LAST NM 42/04 46/04
Delete R Bn 36°00′N 5°36′W
(Spn LL)

126 39Ed. 4/13/96 LAST NM 46/04 49/04
Delete R Bn 43°47′N 7°41′W
R Bn 43°10′N 9°13′W
R Bn 42°53′N 9°16′W
R Bn 42°06′N 8°53′W
(1(102)04 Lisboa; Spn LL)

126 39Ed. 4/13/96 LAST NM 49/04 8/06
Delete R Bn 33°37′N 7°34′W
(28(294)05 Cadiz)

126 39Ed. 4/13/96 LAST NM 8/06 20/06
Delete R Bn 43°25′N 2°45′W
R Bn 35°47′N 5°56′W
(40(400)05 Cadiz; Spn LL)

★**145** 16Ed. 4/6/85 NEW EDITION 26/85
Add Depth 14 fathoms enclosed by depth contour (100-fathom) "Rep (1985)" (PA) 17°27′N 76°20′W
(Previously published 25/85)

Delete Legend "CONTINUED ON 620" 5°07.5′N 92°25.0′W

Depth 40 fathoms "Rep (1961)" and relocate depth contour close NE to enclose 33 fathoms 16°30′N 62°04′W

Add R Bn 11°48′N 66°07′W
(DMAHTC; HNNM7469/85; US RA)

145 16Ed. 4/6/85 LAST NM 26/85 31/85
Add Depth 8 ½ fathoms (ED) 15°20′N 80°15′W
(HNNM7507/85)

145 16Ed. 4/6/85 LAST NM 31/85 38/85
Add Depth 255 fathoms (PA) 22°44′N 107°34′W
(HNNM7565/85)

145 16Ed. 4/6/85 LAST NM 38/85 40/85
Substitute Superbuoy (LANBY), R Bn for lightship and relocate to 40°30′N 69°26′W
(35/85 CG1)

145 16Ed. 4/6/85 LAST NM 40/85 42/85
Delete R Bn 18°28.0′N 66°07.0′W
(37/85 CG7)

145 16Ed. 4/6/85 LAST NM 42/85 46/85
Delete Depth 33 fathoms and enclosing depth contour 16°34′N 61°54′W
(HNNM7601/85)

145 16Ed. 4/6/85 LAST NM 46/85 14/86
Add Depth 16 fathoms "Rep (1985)" enclosed by danger circle 15°59′N 81°01′W
Depth 83 fathoms "Rep (1985)" 15°41′N 61°29′W
(1(99), 2(177)86 Taunton)

145 16Ed. 4/6/85 LAST NM 14/86 9/88
Add Rock awash 22°00′N 76°09′W
(MCNM8057/88)

145 16Ed. 4/6/85 LAST NM 9/88 27/88
Add Depth 250 fathoms "Rep (1987)" (PA) 29°37′N 116°52′W
(MCNM8109/88)

145 16Ed. 4/6/85 LAST NM 27/88 32/88
Substitute Depth 207 fathoms for 234 fathoms 20°50′N 74°01′W
(MCNM8123/88)

145 16Ed. 4/6/85 LAST NM 32/88 36/88
Add Depth 8 fathoms enclosed by danger circle "Rep (1988)" 23°37′N 87°19′W
(26(57)88 Hamburg)

145 16Ed. 4/6/85 LAST NM 36/88 39/88
Add Depth 334 fathoms 16°03′N 108°39′W
(MCNM8144/88)

145 16Ed. 4/6/85 LAST NM 39/88 43/88
Substitute Depth 13 fathoms for 20 fathoms "Rep (1945)" 17°08′N 75°26′W
(MCNM8078/88)

145 16Ed. 4/6/85 LAST NM 43/88 48/88
Delete Depths
4 fathoms "Rep (1956)" 18°27′N 84°54′W
13 fathoms 18°32′N 83°25′W
27 fathoms 16°58′N 82°15′W
(MCNM8169/88)

145 16Ed. 4/6/85 LAST NM 48/88 50/88
Delete Depth 20 fathoms 16°45′N 61°41′W

Substitute Depth 10 fathoms for 8 fathoms 20°25′N 80°28′W
(MCNM8169/88)

145 16Ed. 4/6/85 LAST NM 50/88 5/89
Delete Depth 20 fathoms 14°35′N 81°50′W

Add Depths
7 fathoms "Rep (1988)" 11°51′N 83°09′W
13 fathoms "Rep (1988)" 14°36′N 81°51′W
(30(57)88 Hamburg; 41(3080)88 Taunton)

145 16Ed. 4/6/85 LAST NM 5/89 29/89
Add Depth 387 fathoms "Rep" 7°34′N 84°50′W
(MCNM1075/89)

145 16Ed. 4/6/85 LAST NM 29/89 38/89
Substitute Depth 8 ¾ fathoms enclosed by danger circle for 882 fathoms 21°50′N 76°19′W
(MCNM1102/89)

145 16Ed. 4/6/85 LAST NM 38/89 23/90
Delete Depth 280 fathoms 17°54′N 75°06′W

Add Depths
170 fathoms 17°51′N 75°07′W
92 fathoms 11°54′N 63°53′W
(25(58)89 Brest)

145 16Ed. 4/6/85 LAST NM 23/90 39/90
Add Depth 9 fathoms "Rep (1989)" enclosed by depth contour (10-fathom) 14°37′N 93°57′W
(30(2165)90 Taunton)

145 16Ed. 4/6/85 LAST NM 39/90 51/90
Delete Depth 12 fathoms 18°32′N 68°00′W
(MCNM1058/90)

145 16Ed. 4/6/85 LAST NM 51/90 28/91
Add Superbuoys, each ODAS Y, Fl(5) Y 20s
"44137" 41°11.6′N 61°07.8′W
"44142" 42°29.6′N 64°12.0′W
(MCNM1098/91)

145 16Ed. 4/6/85 LAST NM 28/91 22/92
Delete R Bns 35°09′N 75°18′W
33°29′N 77°35′W
(17/92 CG5; USCG LL)

145 16Ed. 4/6/85 LAST NM 22/92 1/93
Add R Bn 22°01′N 80°25′W
(BA RA)

145 16Ed. 4/6/85 LAST NM 1/93 15/93
Delete R Bn 48°23.5′N 124°44.2′W
(10/93 CG13)

145 16Ed. 4/6/85 LAST NM 15/93 24/93
Add Depth
111 fathoms 13°46′N 81°18′W
456 fathoms 13°28′N 81°00′W
(Col CH 004)

145 16Ed. 4/6/85 LAST NM 24/93 33/93
Delete R Bn 34°35′N 120°37′W
(29/93 CG11)

145 16Ed. 4/6/85 LAST NM 33/93 34/93
Add Depth 9 fathoms "Rep (1986)" (PA) 27°23′N 114°44′W
(MCC1269/93)

145 16Ed. 4/6/85 LAST NM 34/93 49/93
Delete R Bn 32°15′N 64°50′W
(40(3377)93 Taunton)

145 16Ed. 4/6/85 LAST NM 49/93 50/93
Delete R Bn 42°02′N 70°07′W
(44/93 CG1)

145 16Ed. 4/6/85 LAST NM 50/93 51/93
Add Depth 16 fathoms enclosed by
depth contour (20-fathom) 17°47′N 75°52′W
(33(533)93 Hamburg)

145 16Ed. 4/6/85 LAST NM 51/93 18/94
Delete R Bn 37°42′N 123°00′W
(12/94 CG11)

145 16Ed. 4/6/85 LAST NM 18/94 45/94
Delete R Bn 42°50′N 124°34′W
(38/94 CG13)

145 16Ed. 4/6/85 LAST NM 45/94 47/94
Add Superbuoy ODAS "41018" Y,
Fl(4) Y 20s 15°00′N 75°00′W
(35/94 CG7)

145 16Ed. 4/6/85 LAST NM 47/94 53/94
Delete R Bn 40°40′N 73°15′W
(23/94 CG1)

145 16Ed. 4/6/85 LAST NM 53/94 26/95
Delete R Bn 32°40′N 117°15′W
(20/95 CG11)

145 16Ed. 4/6/85 LAST NM 26/95 12/96
Delete R Bn 22°01′N 80°25′W
(5(103)95 Habana)

145 16Ed. 4/6/85 LAST NM 12/96 13/96
Delete Superbuoy ODAS "41018" 15°00′N 75°00′W
(8/96 CG7)

145 16Ed. 4/6/85 LAST NM 13/96 14/96
Delete R Bn 36°55′N 76°00′W
38°47′N 75°08′W
(8/96 CG5)

145 16Ed. 4/6/85 LAST NM 14/96 37/96
Substitute Depth 6 fathoms "Rep (1994)" for
18 fathoms 34°03′N 76°47′W
(SMEA039/96)

145 16Ed. 4/6/85 LAST NM 37/96 42/96
Delete R Bn 12°13′N 69°00′W
46°02′N 59°45′W
(8(430)96 Ottawa; BA RA)

145 16Ed. 4/6/85 LAST NM 42/96 28/97
Delete R Bn 28°30′N 80°31′W
(GIMM002/97)

145 16Ed. 4/6/85 LAST NM 28/97 37/97
Delete Superbuoy LANBY 40°30′N 69°26′W
(31/97 CG1)

145 16Ed. 4/6/85 LAST NM 37/97 11/00
Delete R Bn 43°58′N 60°08′W
(6(1137)99 Ottawa)

145 16Ed. 4/6/85 LAST NM 11/00 16/00
Relocate Superbuoy ODAS "44142" from
42°30′N 64°12′W to 42°30′N 64°01′W
(6(1126)99 Ottawa)

145 16Ed. 4/6/85 LAST NM 16/00 23/00
Substitute Depth 300 fathoms for 320 fathoms 30°30′N 122°44′W
(NTM0013/2000)

145 16Ed. 4/6/85 LAST NM 23/00 38/01
Add Superbuoy ODAS [Q58] "41002" Y,
Fl(4) Y 20s 32°16′N 75°26′W
Superbuoy ODAS [Q58] "44004" Y,
Fl(4) Y 20s 38°30′N 70°28′W
(29/01 CG7; NTM0020/2001)

145 16Ed. 4/6/85 LAST NM 38/01 39/03
Delete Depth 6 fathoms, danger circle and legend
"(Rep 1994)" 34°03′N 76°47′W
(NOS)

145 16Ed. 4/6/85 LAST NM 39/03 27/04
Delete Depth 4½ fathoms, enclosing dotted-line circle
and legend "Rep (1972)" 16°58′N 83°18′W

Add Depth 14 fathoms enclosed by depth contour
(20-fathom) 16°54′N 83°20′W
(NTM0012/2004)

145 16Ed. 4/6/85 LAST NM 27/04 26/05
Add Depth 610 fathoms "Rep (2005)" 27°26′N 76°35′W
(NTM0024/2005)

145 16Ed. 4/6/85 LAST NM 26/05 48/05
Add Depth 9½ fathoms "Rep (2005)" 21°55′N 91°49′W
(NTM0004/2005)

145 16Ed. 4/6/85 LAST NM 48/05 18/06
Add Depth 34 fathoms 32°39′N 117°58′W
Depth 49 fathoms 32°05′N 118°10′W
(NTM0023/2006)

145 16Ed. 4/6/85 LAST NM 18/06 28/06
Add Depth 208 fathoms 23°07′N 79°16′W
(NTM0007/2005)

145 16Ed. 4/6/85 LAST NM 28/06 30/06
Add Depth 288 fathoms "Rep (2005)" 31°22′N 118°37′W
(NTM0019/2005)

145 16Ed. 4/6/85 LAST NM 30/06 50/06
Delete Depth 15 fathoms 16°24′N 81°20′W

Add Depth 4 fathoms Obstn [K41] "Rep (2006)"
16°26′N 81°20′W
(43(4946)06 Taunton)

145 16Ed. 4/6/85 LAST NM 50/06 1/07
Add Legend "Tide Rips" and symbol [H44] 11°08′N 93°00′W

Legend "Seamounts, lesser depths to 174fms
rep" 12°25′N 91°45′W
(US CH 21026; NTM0042/2006)

145 16Ed. 4/6/85 LAST NM 1/07 4/07
Delete Depth 140 fathoms "(rep 1957)" 5°30′N 88°33′W

Depth 212 fathoms and enclosing depth contour (1000-fathom) 25°37′N 119°29′W

Add Depth 123 fathoms 5°29′N 88°34′W
Depth 213 fathoms 25°20′N 119°31′W
Depth 393 fathoms 25°42′N 119°38′W
(NTM0042/2006)

145 16Ed. 4/6/85 LAST NM 4/07 8/07
Add Superbuoy ODAS [Q58] "46419" Y, Fl(4) Y 20s 48°29′N 129°22′W
(34/06 CG13)

145 16Ed. 4/6/85 LAST NM 8/07 19/07
Add Superbuoy ODAS [Q58] "46411" Y, Fl(4) Y 20s 39°20′N 127°00′W
Superbuoy ODAS [Q58] "46412" Y, Fl(4) Y 20s 32°15′N 120°42′W
(12/07 CG11)

145 16Ed. 4/6/85 LAST NM 19/07 34/07
Add Superbuoy ODAS [Q58] "46013" Y, Fl(4) Y 20s 38°14′N 123°19′W
Superbuoy ODAS [Q58] "46015" Y, Fl(4) Y 20s 42°45′N 124°50′W
(26/07 CG11; 23/07 CG13)

145 16Ed. 4/6/85 LAST NM 34/07 36/07
Add Superbuoy ODAS [Q58] "46053" Y, Fl(4) Y 20s 34°14′N 119°51′W
(9/07 CG11)

145 16Ed. 4/6/85 LAST NM 36/07 45/07
Substitute Depth 130 fathoms for 123 fathoms 5°29′N 88°34′W
(See 4/07-145)
(NTM0026/2007)

145 16Ed. 4/6/85 LAST NM 36/07 47/07
Substitute Depth 286 fathoms for 774 fathoms 6°29′N 81°53′W

Add Depth 371 fathoms 8°19′N 85°01′W
(NTM0026/2007)

★**200** (INT 200) 3Ed. 5/25/96 NEW EDITION 33/96
Add Depth 80 meters 40°07′S 56°16′W
(Previously published 23/96)

Add Wreck 45°18.5′S 60°02.0′W
(Previously published 26/96)

Relocate Light close E to 55°58′S 67°14′W
(DMA; SMEA006/96)

200 (INT 200) 3Ed. 5/25/96 LAST NM 33/96 45/97
Delete R Bn (AERO) 51°40′S 58°57′W
(BA RA)

200 (INT 200) 3Ed. 5/25/96 LAST NM 45/97 46/97
Delete Depth
574 meters 54°49′S 59°05′W
535 meters 54°56′S 57°44′W

Add Depth
430 meters 54°48′S 58°57′W
430 meters 55°00′S 57°42′W
261 meters 55°05′S 57°28′W
388 meters 54°05′S 52°14′W
(30(2705)97 Taunton)

200 (INT 200) 3Ed. 5/25/96 LAST NM 46/97 2/98
Add Depth
231 meters 53°56′S 52°29′W
614 meters 54°03′S 51°34′W
(47(4223)97 Taunton)

200 (INT 200) 3Ed. 5/25/96 LAST NM 2/98 32/98
Delete Position circle "OMEGA...Nuevo" 43°03′S 65°11′W
(13(125)98 Buenos Aires)

200 (INT 200) 3Ed. 5/25/96 LAST NM 32/98 37/03
Add Wreck [K29] 44°19′S 60°22′W
Wreck [K29] 46°39′S 60°41′W
(12(130)99 Buenos Aires)

200 (INT 200) 3Ed. 5/25/96 LAST NM 37/03 35/05
Add Buoy Y, pillar, Fl(5) Y 20s 43°48.6′S 59°40.5′W
(NTM0020/2005)

200 (INT 200) 3Ed. 5/25/96 LAST NM 35/05 48/06
Add Danger circle "Obstn" [K40] 53°14′S 62°46′W
Wreck [K29] 46°25′S 66°45′W
(11(126), 18(212)06 Buenos Aires)

200 (INT 200) 3Ed. 5/25/96 LAST NM 48/06 2/07
Delete Buoy 43°49′S 59°41′W

Add Superbuoy "ODAS" [Q58] Fl(5) Y 20s 43°50′S 59°40′W
(18(224)05 Buenos Aires)

200 (INT 200) 3Ed. 5/25/96 LAST NM 2/07 4/07
Add Wreck [K29] (PA) 47°50′S 65°20′W
(10(107)05 Buenos Aires)

200 (INT 200) 3Ed. 5/25/96 LAST NM 4/07 7/07
Add Wreck [K29] 53°30′S 67°51′W
(7(66)05 Buenos Aires)

200 (INT 200) 3Ed. 5/25/96 LAST NM 7/07 9/07
Add Wreck [K29] (PA) 45°51′S 66°55′W
(18(215)03 Buenos Aires)

200 (INT 200) 3Ed. 5/25/96 LAST NM 9/07 12/07
Add Danger circle "Obstn" [K40] 54°41′S 62°59′W
(8(91)06 Buenos Aires)

200 (INT 200) 3Ed. 5/25/96 LAST NM 12/07 13/07
Add Area "#162" (Red Dot Point), predicted depth 812 meters, enclosed by purple dashed-line circle, radius 5 miles, centered 53°29′S 50°00′W

Note to lower right margin of chart
"NOTE
Areas enclosed by purple dashed line have been identified as potential hazards to navigation. They are designated as "Red Dot Area/Point #" areas with an associated predicted depth (+/- 250 meters), This predicted depth is derived from remote-sensed gravity data and could fall anywhere within the area. Mariners are advised to navigate with extreme caution within these areas."
(NTM0009/2007)

200 (INT 200) 3Ed. 5/25/96 LAST NM 13/07 40/07
Substitute Depth 1025 meters for 1548 meters 53°08′S 49°54′W
(NTM0011/2007)

★**201** (INT 201) 2Ed. 8/22/81 NEW EDITION 44/81
(DMAHTC)

201 (INT 201) 2Ed. 8/22/81 LAST NM 44/81 40/82
Delete R Bn (AERO) 27°39.8′S 48°32.1′W

Add R Bn (AERO) 27°41.7′S 48°30.0′W
(8(65)82 Rio de Janeiro)

201 (INT 201) 2Ed. 8/22/81 LAST NM 40/82 31/83
Add Depth 27 meters 20°31.6′S 38°06.6′W
(NVS6978/83)

201 (INT 201) 2Ed. 8/22/81 LAST NM 31/83 37/83
Add Depth 598 meters 30°40′S 35°27′W
(29(1876)83 Taunton)

201 (INT 201) 2Ed. 8/22/81 LAST NM 37/83 8/85
Delete Depth 598 meters 30°40′S 35°27′W

(continued on next page)

201 (Continued) 8/85
Add Depth 380 meters 30°47′S 35°18′W
(2(159)85 Taunton)

201 (INT 201) 2Ed. 8/22/81 LAST NM 8/85 17/85
Add Depth 118 meters Wellhead 25°14.5′S 45°15.9′W
(11(130)84 Rio de Janeiro)

201 (INT 201) 2Ed. 8/22/81 LAST NM 17/85 42/85
Add R Bn with light flare symbol 20°30′S 29°20′W
(35(2351)85 Taunton)

201 (INT 201) 2Ed. 8/22/81 LAST NM 42/85 46/85
Add Depths
25 meters 22°31.9′S 41°16.0′W
51 meters 20°05.0′S 38°06.0′W
(36(2404)85 Taunton)

201 (INT 201) 2Ed. 8/22/81 LAST NM 46/85 7/86
Change Caution note to
"Oil platforms and submarine pipelines exist in this area. Navigation and fishing are prohibited in this area, except to vessels serving the oil operations." 28°30.0′S 55°25.0′W
(18(206)85 Rio de Janeiro)

201 (INT 201) 2Ed. 8/22/81 LAST NM 7/86 28/87
Add Depth 153 meters "Rep (1987)" 27°17′S 39°03′W
(8(650)87 Taunton)

201 (INT 201) 2Ed. 8/22/81 LAST NM 28/87 25/88
Delete Depth 12.3 meters "Rep (1966)" (PA) 21°24.8′S 40°12.0′W
(6(E102)88 Rio de Janeiro)

201 (INT 201) 2Ed. 8/22/81 LAST NM 25/88 20/89
Add Depth 104 meters enclosed by danger circle "Rep (1988)" (PA) 20°43′S 32°15′W
(20(E310)88 Rio de Janeiro)

201 (INT 201) 2Ed. 8/22/81 LAST NM 20/89 40/89
Delete R Bn (AERO) 22°47′S 43°10′W
(10(G152)89 Rio de Janeiro)

201 (INT 201) 2Ed. 8/22/81 LAST NM 40/89 6/90
Add Depth 27 meters (ED) enclosed by depth contour (50 meters) 27°00′S 47°24′W
(13(S200)89 Rio de Janeiro)

201 (INT 201) 2Ed. 8/22/81 LAST NM 6/90 18/90
Substitute Depth 259 meters for 312 meters 22°09′S 39°58′W
(16(E240)89 Rio de Janeiro)

201 (INT 201) 2Ed. 8/22/81 LAST NM 18/90 38/93
Add Wreck 20°06′S 39°55′W
(9(68)93 Rio de Janeiro)

201 (INT 201) 2Ed. 8/22/81 LAST NM 38/93 20/94
Add Light symbol 23°47′S 45°14′W
(23(208)93 Rio de Janeiro)

201 (INT 201) 2Ed. 8/22/81 LAST NM 20/94 30/94
Substitute Depth 2.4 meters enclosed by danger circle for 240 meters 20°03.5′S 37°07.5′W
(9(83)94 Rio de Janeiro)

201 (INT 201) 2Ed. 8/22/81 LAST NM 30/94 43/94
Substitute Depth 2400 meters for 2.4 meters and enclosing danger circle 20°03.5′S 37°07.5′W
(Cancels 30/94-201)
(9(83)94 Rio de Janeiro)

201 (INT 201) 2Ed. 8/22/81 LAST NM 43/94 50/95
Add Light symbol 22°56′S 42°30′W
(17(187)95 Rio de Janeiro)

201 (INT 201) 2Ed. 8/22/81 LAST NM 50/95 8/96
Add Light symbol 31°53′S 51°46′W
(11(132)95 Rio de Janeiro)

201 (INT 201) 2Ed. 8/22/81 LAST NM 8/96 17/96
Add Light float 26°47′S 46°48′W
(7(76)95 Rio de Janeiro)

201 (INT 201) 2Ed. 8/22/81 LAST NM 17/96 48/97
Delete R Bn (AERO) 34°51′S 55°07′W
(BA LL)

201 (INT 201) 2Ed. 8/22/81 LAST NM 48/97 22/00
Add Light symbol 19°06′S 39°43′W
(4(14P)00 Rio de Janeiro)

201 (INT 201) 2Ed. 8/22/81 LAST NM 22/00 11/06
Add Depth 598 meters 30°40′S 35°27′W
Depth 549 meters 33°35′S 31°12′W
Depth 996 meters 33°40′S 30°56′W
(NTM0014/2006)

★**202** (INT 202) 2Ed. 3/1/80 NEW EDITION 18/80
(DMAHTC)

202 (INT 202) 2Ed. 3/1/80 LAST NM 18/80 6/81
Add Light symbol 19°50′12″S 40°03′33″W
(19(187)80 Rio de Janeiro)

202 (INT 202) 2Ed. 3/1/80 LAST NM 6/81 24/81
Delete Depth 9 meters 4°00′S 36°05′W

Add Depth 9 meters "Rep (1980)" (PA) 3°58′S 35°48′W
(NVS6403, 6404/81)

202 (INT 202) 2Ed. 3/1/80 LAST NM 24/81 27/82
Delete Depth 7 meters (ED) 11°52′S 37°23′W
(Brz CH 1000)

202 (INT 202) 2Ed. 3/1/80 LAST NM 27/82 32/82
Substitute Depth 23 meters for 27 meters 17°52′S 35°56′W
(22(222)81 Rio de Janeiro)

202 (INT 202) 2Ed. 3/1/80 LAST NM 32/82 45/82
Delete Danger circles "ED" 17°10′S 35°42′W
17°35′S 35°15′W
(12(114)82 Rio de Janeiro)

202 (INT 202) 2Ed. 3/1/80 LAST NM 45/82 31/83
Add Depths
48 meters 3°26.1′S 35°02.8′W
27 meters 20°31.6′S 38°06.6′W
(NVS6978/83)

202 (INT 202) 2Ed. 3/1/80 LAST NM 31/83 43/83
Relocate R Bn (AERO) close N to 8°02′S 34°57′W
(14(119)83 Rio de Janeiro)

202 (INT 202) 2Ed. 3/1/80 LAST NM 43/83 23/84
Delete Depth 256 meters 8°23′S 16°55′W

Add Depth 256 meters 8°28.8′S 17°04.6′W
(NVS7266/84)

202 (INT 202) 2Ed. 3/1/80 LAST NM 23/84 28/85
Add Legend "(ED)" to depth 12 meters 17°04′59″S 36°59′00″W
(2(33)85 Rio de Janeiro)

202 (INT 202) 2Ed. 3/1/80 LAST NM 28/85 42/85
Add R Bn with light flare symbol 20°30′S 29°20′W
(35(2351)85 Taunton)

202 (INT 202) 2Ed. 3/1/80 LAST NM 42/85 44/85
Add Chartlet, depicting changes in hydrography and topography, from back of Section I 4°00′S 35°00′W
(DMAHTC)

202 (INT 202) 2Ed. 3/1/80 LAST NM 44/85 46/85
Add Depths
25 meters 22°31.9′S 41°16.0′W
51 meters 20°05.0′S 38°06.0′W
(36(2404)85 Taunton)

202 (INT 202) 2Ed. 3/1/80 LAST NM 46/85 6/86
Delete Depth 54 meters 3°11.0′S 38°17.0′W

Substitute Depth 878 meters for
depth 378 meters 8°18.0′S 34°12.0′W
(23(259)85 Rio de Janeiro)

202 (INT 202) 2Ed. 3/1/80 LAST NM 6/86 7/86
Change Caution note to
"Oil platforms and submarine pipelines exist in this area. Navigation and fishing are prohibited in this area, except to vessels serving the oil operations." 8°50′S 42°30′W
(18(206)85 Rio de Janeiro)

202 (INT 202) 2Ed. 3/1/80 LAST NM 7/86 44/86
Add Submarine cable
joining 8°09.5′S 34°54.0′W
8°12.8′S 34°48.5′W
8°09.0′S 34°24.0′W
8°06.3′S 34°05.3′W
7°24.0′S 33°25.0′W
6°09.0′S 32°21.0′W
4°00.0′S 30°55.5′W
3°00.0′S 30°26.0′W

joining 8°08.3′S 34°54.2′W
8°11.6′S 34°18.5′W
8°08.0′S 33°54.0′W
7°47.5′S 33°03.4′W
5°23.0′S 31°20.6′W
4°27.4′S 30°33.9′W
3°00.0′S 29°30.0′W
(17(E253)86 Rio de Janeiro)

202 (INT 202) 2Ed. 3/1/80 LAST NM 44/86 1/87
Add Depth 110 meters enclosed by depth
contour (200-meter) "Rep (1986)" 4°44.5′S 35°10.4′W
(18(N277)86 Rio de Janeiro)

202 (INT 202) 2Ed. 3/1/80 LAST NM 1/87 25/88
Delete Depth 12.3 meters "Rep (1966)" (PA) 21°24.8′S 40°14.0′W
(6(E102)88 Rio de Janeiro)

202 (INT 202) 2Ed. 3/1/80 LAST NM 25/88 36/88
Add Depth 159 meters 3°29.2′S 37°29.5′W
(See 44/85-202)
(MCNM8136/88)

202 (INT 202) 2Ed. 3/1/80 LAST NM 36/88 38/88
Add Depth 22 meters enclosed by
danger circle (PA) 4°53′S 35°01′W
(12(N183)88 Rio de Janeiro)

202 (INT 202) 2Ed. 3/1/80 LAST NM 38/88 20/89
Add Depth 104 meters enclosed by
danger circle "Rep (1988)" (PA) 20°43′S 32°15′W
(20(E310)88 Rio de Janeiro)

202 (INT 202) 2Ed. 3/1/80 LAST NM 20/89 40/89
Delete R Bns (AERO) 5°11′S 37°21′W
8°02′S 34°57′W
22°47′S 43°10′W
(10(G152)89 Rio de Janeiro)

202 (INT 202) 2Ed. 3/1/80 LAST NM 40/89 6/90
Substitute Depth 80 meters for
110 meters "Rep (1986)" 4°45′S 35°11′W

Add Depth 17 meters enclosed by
danger circle "Rep (1989)" 4°42′S 35°31′W
(See 44/85-202)
(13(N192, N193)89 Rio de Janeiro)

202 (INT 202) 2Ed. 3/1/80 LAST NM 6/90 18/90
Substitute Depth 259 meters for 312 meters 22°09′S 39°58′W
(16(E240)89 Rio de Janeiro)

202 (INT 202) 2Ed. 3/1/80 LAST NM 18/90 31/90
Add Depth 7 meters 17°10′S 37°01′W
(15(1181)90 Taunton)

202 (INT 202) 2Ed. 3/1/80 LAST NM 31/90 23/92
Add Light symbol 15°21′S 39°00′W
(7(52)92 Rio de Janeiro)

202 (INT 202) 2Ed. 3/1/80 LAST NM 23/92 38/93
Add Wreck 20°06′S 39°55′W
Light symbol 12°14′S 37°46′W
(9(68), 12(87)93 Rio de Janeiro)

202 (INT 202) 2Ed. 3/1/80 LAST NM 38/93 20/94
Add Light symbol 17°54′S 39°22′W
(21(187)93 Rio de Janeiro)

202 (INT 202) 2Ed. 3/1/80 LAST NM 20/94 30/94
Substitute Depth 2.4 meters enclosed by
danger circle for 240 meters 20°03.5′S 37°07.5′W
(9(83)94 Rio de Janeiro)

202 (INT 202) 2Ed. 3/1/80 LAST NM 30/94 43/94
Substitute Depth 2400 meters for 2.4 meters
and enclosing danger circle 20°03.5′S 37°07.5′W
(Cancels 30/94-202)
(9(83)94 Rio de Janeiro)

202 (INT 202) 2Ed. 3/1/80 LAST NM 43/94 47/94
Add Light symbol 11°58′S 37°36′W
(13(131P)94 Rio de Janeiro)

202 (INT 202) 2Ed. 3/1/80 LAST NM 47/94 50/95
Add Light symbol 22°56′S 42°30′W
(17(187)95 Rio de Janeiro)

202 (INT 202) 2Ed. 3/1/80 LAST NM 50/95 1/96
Add Light symbol 6°03′S 35°07′W
(20(217P)95 Rio de Janeiro)

202 (INT 202) 2Ed. 3/1/80 LAST NM 1/96 31/96
Add Light symbol 3°24′S 39°01′W
(11(103P)96 Rio de Janeiro)

202 (INT 202) 2Ed. 3/1/80 LAST NM 31/96 9/98
Delete Depth
25 meters 22°32′S 41°16′W
91 meters 23°11′S 41°12′W
60 meters 20°28′S 39°56′W
36 meters 20°21′S 37°39′W

Wreck 20°06′S 39°55′W
Danger circle "Rep (1920)" 14°39′S 35°57′W
R Bn and light flare symbol 20°30′S 29°20′W

Add Depth
25 meters Wk 22°35′S 40°52′W
96 meters Obstn 23°14′S 41°10′W
38 meters (ED) 20°24′S 39°52′W
14 meters (ED) 16°00′S 37°52′W
23 meters 15°56′S 38°02′W
7 meters 11°51′S 37°22′W

Wreck 20°31′S 40°04′W
7°11′S 34°15′W
(Brz CH 20; Brz LL; BA RA)

202 (INT 202) 2Ed. 3/1/80 LAST NM 9/98 11/98
Delete R Bn (AERO) 11°00′S 37°04′W
(GIMM002/98)

202 (INT 202) 2Ed. 3/1/80 LAST NM 11/98 9/00
Delete Depth 13 meters 17°00′S 37°26′W

Depth 12 meters and enclosing
dotted line circle in vicinity 17°03′S 36°59′W
(24(188)99 Rio de Janeiro)

202 (INT 202) 2Ed. 3/1/80 LAST NM 9/00 22/00
Add Light symbol 19°06′S 39°43′W
(4(14P)00 Rio de Janeiro)

★**203** (INT 203) 2Ed. 8/18/84 NEW EDITION 43/84
(DMAHTC)

203 (INT 203) 2Ed. 8/18/84 LAST NM 43/84 47/84
Add R Bn (AERO) (PA) 15°56′S 5°43′W
(30(1968)84 Taunton)

203 (INT 203) 2Ed. 8/18/84 LAST NM 47/84 9/85
Delete Depth 124 meters 15°41.0′S 6°58.0′W

Add Depth 105 meters 15°38.5′S 6°57.5′W
(2(129)85 Taunton)

203 (INT 203) 2Ed. 8/18/84 LAST NM 9/85 52/85
Change Legends to
"CONTINUED ON INT 209" 9°00.0′S 17°10.0′W
"CONTINUED ON INT 209" 6°15.0′S 1°00.0′E
(HNNM7637/85)

203 (INT 203) 2Ed. 8/18/84 LAST NM 52/85 28/87
Add Depth 152 meters 14°23.23′S 12°06.65′E
(20(1506)87 Taunton)

203 (INT 203) 2Ed. 8/18/84 LAST NM 28/87 11/88
Delete Depth 152 meters 14°23.23′S 12°06.65′E
(Supersedes 28/87-203)
(51(3862)87 Taunton)

203 (INT 203) 2Ed. 8/18/84 LAST NM 11/88 51/88
Delete R Bn (AERO) 5°54′S 12°19′E
(BA RA)

203 (INT 203) 2Ed. 8/18/84 LAST NM 51/88 33/89
Add Depth 213 meters 9°44.8′S 12°05.3′W
(25(1880)89 Taunton)

203 (INT 203) 2Ed. 8/18/84 LAST NM 33/89 18/91
Delete Depth 3453 meters 9°37′S 0°33′W

Add Depths
701 meters 6°28′S 1°12′E
661 meters 9°30′S 0°28′W
(7(499)91 Taunton)

203 (INT 203) 2Ed. 8/18/84 LAST NM 18/91 4/92
Add Depth 576 meters 19°26′S 10°07′E
(34(2452)91 Taunton)

203 (INT 203) 2Ed. 8/18/84 LAST NM 4/92 44/92
Delete R Bn (AERO) 12°22′S 13°32′E
(BA RA)

203 (INT 203) 2Ed. 8/18/84 LAST NM 44/92 6/98
Add Wreck 22°03′S 12°48′E
(10(111)97 Cape Town)

203 (INT 203) 2Ed. 8/18/84 LAST NM 6/98 45/99
Delete R Bn at light 22°54′S 14°26′E
(5(53)99 Cape Town)

203 (INT 203) 2Ed. 8/18/84 LAST NM 45/99 34/01
Delete Light 19°23′S 12°43′E
Light 20°02′S 13°03′E
Light 21°46′S 13°57′E
(2(34)01 Cape Town)

203 (INT 203) 2Ed. 8/18/84 LAST NM 34/01 17/07
Add Wreck [K29] (PA) 25°19′S 13°39′E
(12(116)06 Cape Town)

★**204** (INT 204) 4Ed. 1/27/96 NEW EDITION 10/96
(DMA)

204 (INT 204) 4Ed. 1/27/96 LAST NM 10/96 47/96
Delete Legend "AERO" 31°33′S 29°08′E
(7(75)96 Cape Town)

204 (INT 204) 4Ed. 1/27/96 LAST NM 47/96 49/96
Add Depth 219 meters 35°52′S 22°48′E
(8(86)96 Cape Town)

204 (INT 204) 4Ed. 1/27/96 LAST NM 49/96 7/98
Delete Depth 73 meters 30°55′S 15°05′E
(39(3484)97 Taunton)

204 (INT 204) 4Ed. 1/27/96 LAST NM 7/98 44/98
Substitute Depth 7 meters for 11 meters 31°41.0′S 8°22.0′E
(6(462)98 Taunton)

204 (INT 204) 4Ed. 1/27/96 LAST NM 44/98 3/99
Add Wreck 30°00′S 31°53′E
(9(110)98 Cape Town)

204 (INT 204) 4Ed. 1/27/96 LAST NM 3/99 45/99
Delete R Bn at light 22°54′S 14°26′E
(5(53)99 Cape Town)

204 (INT 204) 4Ed. 1/27/96 LAST NM 45/99 52/99
Delete Depth 49 meters 33°53′S 26°47′E
(5(58)99 Cape Town)

204 (INT 204) 4Ed. 1/27/96 LAST NM 52/99 21/00
Delete Depth 192 meters 28°40′S 32°39′E
(1(25)00 Cape Town)

204 (INT 204) 4Ed. 1/27/96 LAST NM 21/00 34/00
Delete R Bn at light 26°38′S 15°06′E
R Bn at light 29°15′S 16°52′E
R Bn at light 31°49′S 18°14′E
R Bn at light 32°50′S 17°53′E
R Bn at light 33°26′S 18°06′E
R Bn at light 33°49′S 18°22′E
R Bn at light 34°21′S 18°29′E
R Bn at light 34°50′S 20°01′E
R Bn at light 34°28′S 20°51′E
R Bn at light 34°11′S 22°09′E
R Bn at light 34°13′S 24°50′E
R Bn at light 27°33′S 32°41′E
R Bn at light 28°31′S 32°24′E
R Bn at light 28°46′S 32°08′E
R Bn at light 33°31′S 27°06′E
R Bn at light 32°14′S 28°55′E
R Bn at light 30°45′S 30°28′E
R Bn at light 29°56′S 31°00′E
R Bn at light 34°01′S 25°42′E
R Bn at light 33°02′S 27°54′E
(3(36), 4(50)00 Cape Town)

204 (INT 204) 4Ed. 1/27/96 LAST NM 34/00 4/04
Delete Depth 95 meters and enclosing danger circle
centered 33°15′S 16°36′E
(11-12(75)03 Cape Town)

204 (INT 204) 4Ed. 1/27/96 LAST NM 4/04 7/07
Add Wreck [K29] (PA) 33°04′S 17°07′E
(8(86)06 Cape Town)

204 (INT 204) 4Ed. 1/27/96 LAST NM 7/07 17/07
Add Wreck [K29] (PA) 25°19′S 13°39′E
(12(116)06 Cape Town)

204 (INT 204) 4Ed. 1/27/96 LAST NM 17/07 18/07
Delete Depth 146 meters, blue tint and enclosing danger circle centered 29°29′S 31°57′E
(4(59)06 Cape Town)

★**211** 5Ed. 1/13/96 NEW EDITION 19/96
(DMA)

211 5Ed. 1/13/96 LAST NM 19/96 23/96
Add Depth 43 fathoms 40°07′S 56°16′W
(5(63)96 Buenos Aires)

211 5Ed. 1/13/96 LAST NM 23/96 22/97
Add Depth 117 fathoms 57°38′S 27°00′W
(8(758)97 Taunton)

211 5Ed. 1/13/96 LAST NM 22/97 46/97
Substitute Depth
235 fathoms for 314 fathoms 54°48′S 58°57′W
196 fathoms for 231 fathoms 55°57′S 27°42′W

Add Depth
235 fathoms 55°00′S 57°42′W
142 fathoms 55°05′S 57°28′W
212 fathoms 54°05′S 52°14′W
(30(2705)97 Taunton)

211 5Ed. 1/13/96 LAST NM 46/97 2/98
Add Depth
126 fathoms 53°56′S 52°29′W
335 fathoms 54°03′S 51°34′W
(47(4223)97 Taunton)

211 5Ed. 1/13/96 LAST NM 2/98 35/98
Add Depth 678 fathoms "Rep (1997)" 53°01′S 19°21′E
(36(5401)98 St. Petersburg)

211 5Ed. 1/13/96 LAST NM 35/98 40/98
Delete Legend "PD" from depth 52 fathoms 33°12′S 16°37′E
(6(66)98 Cape Town)

211 5Ed. 1/13/96 LAST NM 40/98 44/98
Add Depth
53 fathoms 54°22.0′S 2°58.0′E
398 fathoms 47°23.0′S 12°57.0′W
298 fathoms 47°04.0′S 8°30.0′W
479 fathoms 54°28.0′S 4°57.0′W
425 fathoms 52°47.0′S 3°00.0′W
319 fathoms 51°38.0′S 1°10.0′E
272 fathoms 54°25.0′S 4°40.0′E
310 fathoms 50°03.0′S 4°57.0′E
253 fathoms 54°08.0′S 5°53.0′E
408 fathoms 53°46.0′S 6°32.0′E
416 fathoms 53°15.0′S 0°59.0′E
587 fathoms 35°00.0′S 0°35.0′E
(18(1540)98 Taunton)

211 5Ed. 1/13/96 LAST NM 44/98 47/01
Add Depth 582 meters 43°57′S 1°40′W
Depth 714 meters 46°36′S 7°17′W
Depth 636 meters 47°17′S 9°02′W
(22(1992)99 Taunton)

211 5Ed. 1/13/96 LAST NM 47/01 48/01
Substitute Depth 61 fathoms for 130 fathoms 52°39′S 60°23′W
(34(3196)99 Taunton)

211 5Ed. 1/13/96 LAST NM 48/01 4/04
Delete Depth 52 fathoms and enclosing depth contour (100-fathom) centered 33°05′S 16°39′E
(11-12(75)03 Cape Town)

211 5Ed. 1/13/96 LAST NM 4/04 35/05
Add Buoy Y, pillar, Fl(5) Y 20s 43°49′S 59°40′W
(NTM0020/2005)

211 5Ed. 1/13/96 LAST NM 35/05 31/06
Substitute Depth 119 fathoms for 258 fathoms 59°43′S 68°52′W

Add Depth 670 fathoms 60°00′S 69°07′W
Depth 1022 fathoms 59°37′S 66°57′W
Depth 1003 fathoms 60°02′S 64°45′W
Depth 686 fathoms 59°43′S 63°53′W
Depth 1537 fathoms 60°28′S 62°12′W
Depth 946 fathoms 60°36′S 64°58′W
Depth 571 fathoms 60°36′S 66°00′W
Depth 888 fathoms 61°39′S 65°31′W
Depth 1096 fathoms 61°05′S 65°04′W
Depth 252 fathoms 61°57′S 61°00′W
Depth 176 fathoms 61°56′S 60°16′W
(NTM0014/2006)

211 5Ed. 1/13/96 LAST NM 31/06 48/06
Add Danger circle "Obstn" [K40] 53°14′S 62°46′W
Wreck [K29] 46°25′S 66°45′W
(11(126), 18(212)06 Buenos Aires)

211 5Ed. 1/13/96 LAST NM 48/06 2/07
Change Buoy to Superbuoy "ODAS" [Q58] Fl(5) Y 20s 43°50′S 59°40′W
(18(224)05 Buenos Aires)

211 5Ed. 1/13/96 LAST NM 2/07 4/07
Add Wreck [K29] (PA) 47°50′S 65°20′W
(10(107)05 Buenos Aires)

211 5Ed. 1/13/96 LAST NM 4/07 7/07
Add Wreck [K29] (PA) 33°04′S 17°07′E
(8(86)06 Cape Town)

211 5Ed. 1/13/96 LAST NM 7/07 13/07
Delete Depth 12 fathoms 33°50′S 3°10′W

Substitute Depth 695 fathoms for 1687 fathoms 34°42′S 1°05′W
Depth 423 fathoms for 485 fathoms 33°50′S 3°35′W

Add Depth 420 fathoms 33°04′S 2°43′W
Depth 885 fathoms 33°33′S 0°52′W
Depth 502 fathoms 34°32′S 3°47′W
Depth 857 fathoms 32°58′S 5°08′W
Depth 594 fathoms 34°40′S 4°28′W
(NTM0014/2006)

211 5Ed. 1/13/96 LAST NM 13/07 25/07
Add Depth 803 fathoms enclosed by dashed-line circle 39°20′S 13°10′W
Depth 869 fathoms enclosed by dashed-line circle 38°53′S 15°30′W
Depth 738 fathoms enclosed by dashed-line circle 35°07′S 15°21′W
Depth 847 fathoms enclosed by dashed-line circle 37°16′S 17°24′W
Depth 951 fathoms enclosed by dashed-line circle 38°27′S 16°00′W
Depth 957 fathoms enclosed by dashed-line circle 36°27′S 16°56′W
Depth 920 fathoms enclosed by dashed-line circle 37°52′S 17°12′W
(NTM0011/2007)

211 5Ed. 1/13/96 LAST NM 25/07 26/07
Add Depth 835 fathoms enclosed by dashed-line circle 32°10′S 13°00′W
Depth 731 fathoms enclosed by dashed-line circle 32°30′S 14°06′W
Depth 695 fathoms enclosed by dashed-line circle 33°42′S 14°19′W
Depth 475 fathoms enclosed by dashed-line circle 34°38′S 15°18′W
(NTM0011/2007)

211 5Ed. 1/13/96 LAST NM 26/07 40/07
Substitute Depth 60 fathoms enclosed by dotted-line circle for 954 fathoms 53°20′S 44°47′W

Add Depth 883 fathoms 53°12′S 48°16′W
Depth 1029 fathoms 55°38′S 43°11′W
Depth 560 fathoms 53°10′S 49°58′W
(NTM0011/2007)

211 5Ed. 1/13/96 LAST NM 40/07 41/07
Delete Depth 1181 fathoms 54°35′S 0°55′E

(continued on next page)

211 (Continued) 41/07
Depth 602 fathoms 53°59′S 3°15′E

Substitute Depth 156 fathoms for 247 fathoms 54°50′S 0°05′E

Add Depth 596 fathoms 46°53′S 7°44′E
Depth 861 fathoms 45°48′S 0°12′E
Depth 1033 fathoms 47°13′S 6°57′E
Depth 325 fathoms 48°21′S 7°43′E
Depth 913 fathoms 47°22′S 8°37′E
Depth 306 fathoms 47°53′S 9°00′E
Depth 394 fathoms 47°16′S 9°33′E
Depth 335 fathoms 48°22′S 9°29′E
Depth 519 fathoms 54°15′S 1°38′E
Depth 725 fathoms 55°06′S 3°45′E
Depth 703 fathoms 55°25′S 6°05′E
Depth 416 fathoms 53°15′S 9°59′E
Depth 323 fathoms 54°42′S 0°41′E
Depth 281 fathoms 53°52′S 3°18′E
(NTM0011/2007)

211 5Ed. 1/13/96 LAST NM 41/07 46/07
Substitute Depth 347 fathoms for 636 meters 47°17′S 9°02′W
Depth 390 fathoms for 714 meters 46°36′S 7°17′W
Depth 318 fathoms for 582 meters 43°57′S 1°40′W

Add Depth 753 fathoms 52°31′S 2°03′E
Depth 881 fathoms 52°07′S 3°10′E
Depth 529 fathoms 49°40′S 5°35′E
Depth 514 fathoms 49°42′S 6°36′E
Depth 399 fathoms 50°57′S 1°00′E
Depth 569 fathoms 50°56′S 2°35′E
Depth 656 fathoms 50°43′S 3°53′E
Depth 687 fathoms 51°33′S 4°12′E
Depth 427 fathoms 49°03′S 7°58′E
Depth 637 fathoms 50°28′S 5°17′E
Depth 802 fathoms 50°38′S 10°03′E
Depth 519 fathoms 37°26′S 2°30′W
Depth 559 fathoms 37°53′S 7°05′W
Depth 439 fathoms 38°36′S 9°55′W
Depth 622 fathoms 35°08′S 6°56′W
Depth 646 fathoms 35°48′S 0°53′W
Depth 534 fathoms 36°23′S 7°38′W
Depth 963 fathoms 44°58′S 3°38′E
Depth 514 fathoms 41°48′S 1°55′E
Depth 1003 fathoms 41°31′S 2°27′E
Depth 1011 fathoms 43°08′S 7°40′E
Depth 1084 fathoms 42°37′S 9°52′E
Depth 774 fathoms 45°07′S 4°12′W
Depth 428 fathoms 40°33′S 6°16′W
Depth 267 fathoms 43°30′S 4°30′W
Depth 951 fathoms 40°46′S 3°14′W
(NTM0011/2007)

★**301** 1Ed. 3/2/85 NEW CHART 19/85
Relocate R Bn (AERO) close N to 41°48.8′N 12°14.3′E

Substitute Light with legend "Wellhead"
for danger circle "Well" 37°30.00′N 11°54.5′E
(DMAHTC; 1(47)83 Taunton; 22(5)84 Genova)

301 (INT 301) 1Ed. 3/2/85 LAST NM 19/85 21/85
Delete Depth 392 meters 36°01.8′N 4°37.0′W
(12(834)85 Taunton)

301 (INT 301) 1Ed. 3/2/85 LAST NM 21/85 34/85
Delete R Bn at light 44°01′N 9°51′E
R Bns (AERO) 40°35′N 8°15′E
38°03′N 13°11′E

Add R Bn at light 43°31′N 10°20′E
(11(1)85 Genova; US RA; 25(1656)85 Taunton)

301 (INT 301) 1Ed. 3/2/85 LAST NM 34/85 41/85
Delete Danger circle "Obstr" and buoy
in vicinity 33°50′N 12°03′E
(34(3597)85 Hamburg)

301 (INT 301) 1Ed. 3/2/85 LAST NM 41/85 43/85
Delete Depth 179 meters 36°07.5′N 3°38.0′W
(35(2324)85 Taunton)

301 (INT 301) 1Ed. 3/2/85 LAST NM 43/85 38/86
Delete R Bn at light 35°56′N 3°01′W
(MCNM7809/86)

301 (INT 301) 1Ed. 3/2/85 LAST NM 38/86 13/87
Add R Bn at light 42°08.0′N 11°47.0′E
(24(39)84 Genova)

301 (INT 301) 1Ed. 3/2/85 LAST NM 13/87 13/90
Delete R Bn at light 43°34′N 7°10′E

Substitute Depths
140 meters for 173 meters 38°54′N 9°44′E
133 meters for 161 meters 38°45′N 9°34′E
(49(36), 50(34)89 Brest)

301 (INT 301) 1Ed. 3/2/85 LAST NM 13/90 22/90
Delete R Bn at light 41°20′N 9°15′E
(5(33)90 Brest)

301 (INT 301) 1Ed. 3/2/85 LAST NM 22/90 27/90
Delete R Bn 36°49′N 11°58′E

Add R Bn at light 36°48′N 12°02′E
(2(3)90 Genova)

301 (INT 301) 1Ed. 3/2/85 LAST NM 27/90 34/90
Delete R Bn at light 41°34′N 8°48′E
(14(31)90 Brest)

301 (INT 301) 1Ed. 3/2/85 LAST NM 34/90 42/90
Delete Depth 292 meters 43°44′N 8°19′E
(22(26)90 Brest)

301 (INT 301) 1Ed. 3/2/85 LAST NM 42/90 46/91
Delete Depth 100 meters 41°52′N 10°38′E

Substitute Depth 33 meters for 31 meters 41°06′N 10°54′E

Add Depth 274 meters 41°51′N 10°35′E
(14(2)91 Genova)

301 (INT 301) 1Ed. 3/2/85 LAST NM 46/91 37/92
Delete R Bn at lights 43°11′N 5°13′E
41°36′N 9°21′E
36°57′N 7°47′E
37°05′N 6°29′E
(BA RA)

301 (INT 301) 1Ed. 3/2/85 LAST NM 37/92 44/92
Delete R Bns (AERO) 39°26′N 0°22′W
39°41′N 0°13′W
41°49′N 12°14′E
35°52′N 14°32′E
36°49′N 5°52′E
36°36′N 2°11′E
35°11′N 2°55′W
(BA RA)

301 (INT 301) 1Ed. 3/2/85 LAST NM 44/92 35/93
Delete R Bn (AERO) 43°56′N 15°10′E
(BA RA)

301 (INT 301) 1Ed. 3/2/85 LAST NM 35/93 8/94
Delete R Bn (AERO) at light 36°55′N 3°54′E
(BA RA)

301 (INT 301) 1Ed. 3/2/85 LAST NM 8/94 10/94
Delete R Bn at light 43°01′N 9°24′E
42°35′N 8°43′E
(50(30)93 Brest)

301 (INT 301) 1Ed. 3/2/85 LAST NM 10/94 27/97
Delete R Bn at light 43°24′N 3°42′E
(BA RA)

301 (INT 301) 1Ed. 3/2/85 LAST NM 27/97 45/98
Add Platform SPM 40°55′N 18°20′E
(25(4)97 Genova)

301 (INT 301) 1Ed. 3/2/85 LAST NM 45/98 36/99
Delete Depth 268 meters 36°22′N 4°00′W

Add Depth 230 meters 36°23′N 3°59′W
Depth 259 meters 36°12′N 3°44′W
Depth 749 meters 36°05′N 3°42′W
(Spn CH 45A)

301 (INT 301) 1Ed. 3/2/85 LAST NM 36/99 3/00
Delete Platform 36°36′N 11°43′E
(30(16)99 Brest)

301 (INT 301) 1Ed. 3/2/85 LAST NM 22/00 37/01
Delete R Bn at light 36°48′N 12°02′E
(NTM0001/2001)

301 (INT 301) 1Ed. 3/2/85 LAST NM 37/01 14/03
Delete R Bn at light 42°59′N 6°12′E
R Bn at light 42°31′N 3°08′E
(33(18, 19)00 Brest)

301 (INT 301) 1Ed. 3/2/85 LAST NM 14/03 21/03
Delete R Bn at light 36°11′N 6°00′W
(6(102)03 Cadiz)

301 (INT 301) 1Ed. 3/2/85 LAST NM 21/03 24/03
Delete R Bn at light 44°24′N 8°54′E
(1(4)03 Genova)

301 (INT 301) 1Ed. 3/2/85 LAST NM 24/03 35/04
Delete R Bn at light 40°32′N 14°11′E
(Ital LL)

301 (INT 301) 1Ed. 3/2/85 LAST NM 35/04 46/04
Delete R Bn at light 36°00′N 5°36′W
(Spn LL)

301 (INT 301) 1Ed. 3/2/85 LAST NM 46/04 38/05
Delete R Bn at light 36°48′N 3°14′E
R Bn at light 36°48′N 2°58′E
(BA LL)

301 (INT 301) 1Ed. 3/2/85 LAST NM 38/05 39/05
Delete R Bn at light 35°52′N 0°29′W
R Bn 42°27′N 18°26′E
(BA LL; Croa LL)

301 (INT 301) 1Ed. 3/2/85 LAST NM 39/05 40/05
Delete R Bn 37°38′N 0°41′W
(Spn LL)

301 (INT 301) 1Ed. 3/2/85 LAST NM 40/05 20/06
Delete R Bn (AERO) at light 36°06′N 5°18′W
R Bn at light 35°47′N 5°56′W
R Bn at light 36°43′N 4°25′W
R Bn at light 36°45′N 2°12′W
R Bn (AERO) 38°17′N 0°33′W
RD at light 35°53′N 5°16′W
R Bn 38°43′N 0°14′E
R Bn 39°58′N 0°02′E
R Bn at light 41°04′N 1°10′E
R Bn (AERO) 41°13′N 1°42′E
R Bn 41°21′N 2°08′E
R Bn at light 41°54′N 3°12′E
(40(400)05 Cadiz; Spn LL)

301 (INT 301) 1Ed. 3/2/85 LAST NM 20/06 21/06
Delete R Bn at light 36°33′N 1°22′E
(BA LL)

★**302** (INT 302) 1Ed. 5/7/83 NEW CHART 29/83
Delete R Bn (AERO) 38°45′N 16°22′E
32°05′N 20°16′E
32°47′N 21°58′E
(DMAHTC)

302 (INT 302) 1Ed. 5/7/83 LAST NM 29/83 31/83
Add Depth 49 meters 43°02′N 16°26′E
(6(43)83 Split)

302 (INT 302) 1Ed. 5/7/83 LAST NM 31/83 41/83
Substitute Depth 32 meters for 66 meters 38°18′50″N 23°56′00″E
(5(127)83 Athens)

302 (INT 302) 1Ed. 5/7/83 LAST NM 41/83 50/83
Delete Depth 115 meters 40°12′N 25°27′E

Add Depth 100 meters 41°50.7′N 10°35.5′E
(17(1)83 Genova; NVS7120/83)

302 (INT 302) 1Ed. 5/7/83 LAST NM 50/83 9/84
Delete R Bn (AERO) 38°06′N 21°24′E
(3(149)84 Taunton)

302 (INT 302) 1Ed. 5/7/83 LAST NM 9/84 12/84
Delete Depths
99 meters 35°15′N 22°51′E
100 meters 35°40′N 22°08′E
100 meters 35°45′N 21°57′E
(NVS7211/84)

302 (INT 302) 1Ed. 5/7/83 LAST NM 12/84 14/84
Delete Depth 300 meters 41°50.7′N 10°35.5′E
(See 50/83-302)
(17(1)83 Genova)

302 (INT 302) 1Ed. 5/7/83 LAST NM 14/84 25/84
Delete Depth 29 meters 35°45′N 27°55′E
(11(316)83 Athens)

302 (INT 302) 1Ed. 5/7/83 LAST NM 25/84 31/84
Delete Depth 18 meters 38°02′N 10°43′E
(24(31)84 Brest)

302 (INT 302) 1Ed. 5/7/83 LAST NM 31/84 17/85
Substitute Light symbol for danger circle 37°30.0′N 11°54.0′E
Note: Legend "Wellhead" remains
(22(5)84 Genova)

302 (INT 302) 1Ed. 5/7/83 LAST NM 17/85 28/85
Add Depth 146 meters (ED) 36°48′N 13°23′E
(HNNM7486/85)

302 (INT 302) 1Ed. 5/7/83 LAST NM 28/85 34/85
Delete R Bn (AERO) 38°02′N 13°11′E
(25(1662)85 Taunton)

302 (INT 302) 1Ed. 5/7/83 LAST NM 34/85 41/85
Delete Dotted-line circle "Obstr" and buoy
in vicinity 33°50′N 12°03′E
(34(3597)85 Hamburg)

302 (INT 302) 1Ed. 5/7/83 LAST NM 41/85 40/86
Delete R Bn (AERO) 31°35′N 31°00′E
(BA RA)

302 (INT 302) 1Ed. 5/7/83 LAST NM 40/86 13/87
Add R Bn at light 42°08.0′N 11°48.0′E
(24(39)84 Genova)

302 (INT 302) 1Ed. 5/7/83 LAST NM 13/87 22/87
Delete R Bn (AERO) 30°53′N 20°05′E
(DMAHTC)

★**302** (INT 302) 1Ed. 5/7/83 LAST NM 22/87 17/88
Delete R Bn (AERO) 39°04′N 26°36′E
(MCNM7988/87)

302 (INT 302) 1Ed. 5/7/83 LAST NM 17/88 33/88
Delete R Bn (AERO) 31°10′N 29°56′E
(MCNM7988/87)

302 (INT 302) 1Ed. 5/7/83 LAST NM 33/88 21/90
Delete R Bn at light 41°14′N 29°07′E
(2(4)90 Istanbul)

302 (INT 302) 1Ed. 5/7/83 LAST NM 21/90 36/91
Add R Bn 31°09′N 29°50′E
(27(1947)91 Taunton)

302 (INT 302) 1Ed. 5/7/83 LAST NM 36/91 37/91
Add R Bn at light 31°28′N 30°20′E
(BA LL)

302 (INT 302) 1Ed. 5/7/83 LAST NM 37/91 46/91
Substitute Depth 33 meters for 31 meters 41°06′N 10°54′E

Add Depth 274 meters 41°51′N 10°35′E
(14(2)91 Genova)

302 (INT 302) 1Ed. 5/7/83 LAST NM 46/91 51/91
Add Light symbol and R Bn 30°57′N 28°49′E
(29(2081)91 Taunton)

302 (INT 302) 1Ed. 5/7/83 LAST NM 51/91 52/91
Add R Bn at light 31°16′N 32°18′E
(30(2160)91 Taunton)

302 (INT 302) 1Ed. 5/7/83 LAST NM 52/91 1/92
Add R Bn at lights 31°31′N 31°51′E
31°36′N 31°05′E

(32(2321)91 Taunton)

302 (INT 302) 1Ed. 5/7/83 LAST NM 1/92 31/92
Delete R Bn (AERO) at light 35°20′N 25°10′E
(12(866)92 Taunton)

302 (INT 302) 1Ed. 5/7/83 LAST NM 31/92 44/92
Delete R Bns (AERO) 41°49′N 12°16′E
35°53′N 14°32′E
40°51′N 25°56′E
31°10′N 16°27′E
(BA RA)

302 (INT 302) 1Ed. 5/7/83 LAST NM 44/92 22/93
Delete R Bn 33°30.0′N 35°20.5′E
(BA RA)

302 (INT 302) 1Ed. 5/7/83 LAST NM 22/93 53/94
Delete Depth 18 meters 35°50′N 34°47′E
(47(3938)94 Taunton)

302 (INT 302) 1Ed. 5/7/83 LAST NM 53/94 5/98
Delete R Bn (AERO) 31°02′N 28°27′E
(36(3248)97 Taunton)

302 (INT 302) 1Ed. 5/7/83 LAST NM 5/98 45/98
Add Platform SPM 40°55′N 18°20′E
(25(4)97 Genova)

302 (INT 302) 1Ed. 5/7/83 LAST NM 45/98 37/01
Delete R Bn at light 36°49′N 11°58′E
(NTM0001/2001)

302 (INT 302) 1Ed. 5/7/83 LAST NM 37/01 41/01
Delete Depth 46 meters 36°34′N 35°56′E
(23(137)01 Istanbul)

302 (INT 302) 1Ed. 5/7/83 LAST NM 41/01 42/01
Delete R Bn (AERO) (PA) 36°53′N 30°48′E
(BA RA)

302 (INT 302) 1Ed. 5/7/83 LAST NM 42/01 2/03
Delete Depth 14.6 meters, blue tint and enclosing dotted line 36°12′N 34°45′E
Depth 51 meters, blue tint and enclosing dotted line 36°14′N 34°36′E
(NTM0046/2002)

302 (INT 302) 1Ed. 5/7/83 LAST NM 2/03 35/04
Delete R Bn at light 40°32′N 14°11′E
(Ital LL)

302 (INT 302) 1Ed. 5/7/83 LAST NM 35/04 28/05
Delete RBn from light 43°22′N 28°28′E
(BA LL)

302 (INT 302) 1Ed. 5/7/83 LAST NM 28/05 39/05
Delete R Bn 42°27′N 18°26′E
(Croa LL)

302 (INT 302) 1Ed. 5/7/83 LAST NM 39/05 45/05
Delete Depth 91 meters, blue tint and enclosing danger circle centered 35°35′N 29°18′E

Add Depth 680 meters 35°26′N 30°10′E
(36(4256)05 Taunton)

302 (INT 302) 1Ed. 5/7/83 LAST NM 45/05 5/07
Delete R Bn at light 41°13′N 30°15′E
(BA LL)

★**310** 20Ed. 12/29/79 NEW EDITION 12/80
(DMAHTC)

310 20Ed. 12/29/79 LAST NM 12/80 35/80
Substitute Depth 854 meters for 178 meters 35°45′N 23°27′E
(NVS6198/80)

310 20Ed. 12/29/79 LAST NM 35/80 24/81
Add Depths
62 meters "Rep (1981)" 37°28′N 10°43′E
68 meters "Rep (1981)" 37°16′N 11°34′E
(14(777)81 Taunton)

★**310** 20Ed. 12/29/79 LAST NM 24/81 28/81
Delete Depths
13 meters 42°46′N 3°58′E
150 meters 41°14′N 10°26′E
24 meters 39°33′N 18°34′E
9 meters 31°22′N 29°08′E

Add Depth 750 meters 41°14′N 10°26′E
(NVS6431/81)

310 20Ed. 12/29/79 LAST NM 28/81 19/82
Delete R Bn 31°39′N 34°37′E
32°11′N 34°50′E
(AERO) 33°50′N 35°30′E
(US RA)

310 20Ed. 12/29/79 LAST NM 19/82 42/82
Add R Bn (AERO) (PA) 36°53′N 30°47′E
(20(176)82 Istanbul)

310 20Ed. 12/29/79 LAST NM 42/82 49/82
Add Depth 60 meters 39°31.7′N 15°33.9′E
(35(2127)82 Taunton)

310 20Ed. 12/29/79 LAST NM 49/82 17/83
Relocate R Bn (AERO) close NNW to 41°48′N 12°17′E
(1(47)83 Taunton)

310 20Ed. 12/29/79 LAST NM 17/83 25/83
Add R Bn (AERO) 44°53′N 13°45′E
(BA RA)

310 20Ed. 12/29/79 LAST NM 25/83 29/83
Delete R Bn at lights 42°26′N 11°08′E
38°43′N 13°12′E
42°00′N 15°00′E
40°01′N 15°17′E
39°02′N 17°12′E
37°56′N 16°04′E

Add R Bn at light 38°11′N 12°44′E
(BA RA)

310 20Ed. 12/29/79 LAST NM 29/83 42/83
Add R Bn (AERO) 42°43.7′N 10°23.9′E
(BA RA)

310 20Ed. 12/29/79 LAST NM 42/83 50/83
Add Depth 100 meters 41°51′N 10°36′E
(17(1)83 Genova)

310 20Ed. 12/29/79 LAST NM 50/83 22/84
Delete R Bn at light 36°46′N 5°07′E
(11(46)84 Brest)

310 20Ed. 12/29/79 LAST NM 22/84 23/84
Delete Depth
99 meters (ED) 35°15′N 22°52′E
100 meters (ED) 35°40′N 22°09′E
100 meters (ED) 35°47′N 21°54′E
(NVS7211/84)

310 20Ed. 12/29/79 LAST NM 23/84 25/84
Delete Depth 30 meters 35°44′N 27°53′E

Add Depth 91 meters "Rep (1974)" (PA) 35°35.0′N 29°18.0′E
(41/74, 12(316)83 Athens; Gr CH 45)

310 20Ed. 12/29/79 LAST NM 25/84 26/84
Substitute Depth 229 meters for 278 meters 38°39′N 14°02′E
(20(20)84 Brest)

310 20Ed. 12/29/79 LAST NM 26/84 28/85
Add Depth 146 meters (ED) 36°48′N 13°23′E
(HNNM7486/85)

310 20Ed. 12/29/79 LAST NM 28/85 33/85
Add R Bn at light 43°33′N 10°17′E
(10(5)85 Genova)

310 20Ed. 12/29/79 LAST NM 33/85 34/85
Delete R Bn at lights 44°01′N 9°52′E
40°34′N 8°10′E

(11(1)85 Genova; US RA)

310 20Ed. 12/29/79 LAST NM 34/85 37/86
Add Depth 157 meters enclosed by
depth contour (200-meter) 36°50′N 7°28′W
(MCNM7802/86)

310 20Ed. 12/29/79 LAST NM 37/86 38/86
Delete R Bn at light 35°56′N 3°02′W
(MCNM7809/86)

310 20Ed. 12/29/79 LAST NM 38/86 33/88
Delete R Bn (AERO) 31°13′N 29°56′E
(MCNM7988/87)

310 20Ed. 12/29/79 LAST NM 33/88 13/90
Delete R Bn at light 43°32′N 7°08′E

Substitute Depths
140 meters for 173 meters 38°53′N 9°45′E
133 meters for 161 meters 38°42′N 9°35′E
(49(36), 50(34)89 Brest)

310 20Ed. 12/29/79 LAST NM 13/90 21/90
Delete R Bn at light 41°14′N 29°07′E
(2(4)90 Istanbul)

310 20Ed. 12/29/79 LAST NM 21/90 34/90
Delete R Bn at light 41°32′N 8°47′E
(14(31)90 Brest)

310 20Ed. 12/29/79 LAST NM 34/90 6/91
Delete R Bn at light 32°55′N 35°05′E

Add R Bn at light 32°50′N 34°58′E
(3/90 Haifa)

310 20Ed. 12/29/79 LAST NM 6/91 36/91
Add R Bn 31°09′N 29°50′E
(27(1947)91 Taunton)

310 20Ed. 12/29/79 LAST NM 36/91 37/91
Add R Bn at light 31°29′N 30°21′E
(BA LL; BA RA)

310 20Ed. 12/29/79 LAST NM 37/91 46/91
Substitute Depth 274 meters for 100 meters 41°50.7′N 10°35.5′E
(14(2)91 Genova)

310 20Ed. 12/29/79 LAST NM 46/91 51/91
Add Light symbol and R Bn 30°57′N 28°49′E
(29(2081)91 Taunton)

310 20Ed. 12/29/79 LAST NM 51/91 52/91
Add R Bn at light 31°16′N 32°18′E
(30(2160)91 Taunton)

310 20Ed. 12/29/79 LAST NM 52/91 1/92
Add R Bn at lights 31°32′N 31°54′E
31°34′N 31°05′E

(32(2321)91 Taunton)

310 20Ed. 12/29/79 LAST NM 1/92 37/92
Delete R Bn at lights 43°10′N 5°16′E
41°34′N 9°23′E
36°57′N 7°47′E

(BA RA)

310 20Ed. 12/29/79 LAST NM 37/92 44/92
Delete R Bns (AERO) 41°48′N 12°17′E
35°50′N 14°33′E
31°12′N 16°40′E

R Bn (AERO) at lights 39°27′N 0°20′W
35°26′N 2°59′W

(BA RA)

310 20Ed. 12/29/79 LAST NM 44/92 22/93
Delete R Bn 33°30.0′N 35°20.5′E
(BA RA)

310 20Ed. 12/29/79 LAST NM 22/93 8/94
Delete R Bn (AERO) at light 36°55′N 3°54′E
(BA RA)

310 20Ed. 12/29/79 LAST NM 8/94 10/94
Delete R Bn at light 43°02′N 9°25′E
42°35′N 8°44′E

(50(30)93 Brest)

310 20Ed. 12/29/79 LAST NM 10/94 27/97
Delete R Bn at light 43°22′N 3°38′E
(BA RA)

310 20Ed. 12/29/79 LAST NM 27/97 45/98
Add Platform SPM 40°55′N 18°20′E
(25(4)97 Genova)

310 20Ed. 12/29/79 LAST NM 22/00 23/01
Add R Bn [S10] 43°30′N 15°58′E
(1(4)01 Split)

310 20Ed. 12/29/79 LAST NM 23/01 37/01
Delete R Bn at light 36°49′N 11°58′E
(NTM0001/2001)

310 20Ed. 12/29/79 LAST NM 37/01 38/01
Add R Bn (AERO) [S16] 35°31′N 24°10′E
(Gr CH 433/1)

310 20Ed. 12/29/79 LAST NM 38/01 42/01
Delete R Bn (AERO) (PA) 36°53′N 30°47′E
(BA RA)

310 20Ed. 12/29/79 LAST NM 42/01 2/03
Delete Depth 15 meters (ED), blue tint and enclosing depth contour 36°10′N 34°47′E
Depth 51 meters (ED), blue tint and enclosing depth contour 36°12′N 34°37′E
Depth 110 meters (ED), blue tint and enclosing depth contour 36°15′N 34°45′E
Depth 52 meters (ED), blue tint and enclosing depth contour 36°13′N 34°32′E
(NTM0046/2002)

310 20Ed. 12/29/79 LAST NM 2/03 14/03
Delete R Bn at light 42°59′N 6°12′E
R Bn at light 42°31′N 3°08′E
(33(18, 19)00 Brest)

310 20Ed. 12/29/79 LAST NM 14/03 21/03
Delete R Bn at light 36°12′N 6°02′W
(6(102)03 Cadiz)

310 20Ed. 12/29/79 LAST NM 21/03 24/03
Delete R Bn at light 44°24′N 8°54′E
(1(4)03 Genova)

310 20Ed. 12/29/79 LAST NM 24/03 52/03
Delete R Bn at light 45°01′N 35°26′E
R Bn at light 45°04′N 36°23′E
(26(4128, 4129)03 St. Petersburg)

310 20Ed. 12/29/79 LAST NM 52/03 6/04
Delete R Bn at light 45°16′N 30°12′E
(41(6631)03 St. Petersburg)

310 20Ed. 12/29/79 LAST NM 6/04 35/04
Delete R Bn at light 40°32′N 14°12′E
(Ital LL)

310 20Ed. 12/29/79 LAST NM 35/04 42/04
Delete R Bn at light 46°23′N 30°46′E
(13(1869)04 St. Petersburg)

310 20Ed. 12/29/79 LAST NM 42/04 46/04
Delete R Bn at light 36°00′N 5°36′W
(Spn LL)

310 20Ed. 12/29/79 LAST NM 46/04 28/05
Delete RBn from light 43°22′N 28°28′E
(BA LL)

310 20Ed. 12/29/79 LAST NM 28/05 38/05
Delete R Bn at light 36°48′N 3°15′E
R Bn at light 36°46′N 3°04′E
R Bn at light 36°48′N 3°00′E
(BA LL)

310 20Ed. 12/29/79 LAST NM 38/05 39/05
Delete R Bn at light 35°52′N 0°29′W
R Bn 42°27′N 18°26′E
(BA LL; Croa LL)

310 20Ed. 12/29/79 LAST NM 39/05 44/05
Delete Light 43°18′N 28°04′E
(25(2920)05 Taunton)

310 20Ed. 12/29/79 LAST NM 44/05 45/05
Delete Depth 91 meters "Rep 1974" (PA) 35°35′N 29°18′E

Add Depth 680 meters 35°26′N 30°10′E
(36(4256)05 Taunton)

310 20Ed. 12/29/79 LAST NM 45/05 8/06
Delete R Bn 33°37′N 7°34′W
R Bn at light 33°37′N 7°39′W
(28(294)05 Cadiz)

310 20Ed. 12/29/79 LAST NM 8/06 20/06
Delete R Bn at light 36°58′N 7°53′W
R Bn at light 37°10′N 7°25′W
R Bn at light 35°47′N 5°55′W
R Bn at light 36°44′N 4°25′W
R Bn (AERO) 37°45′N 0°50′W
R Bn 35°56′N 5°23′W
R Bn at light 41°18′N 2°11′E
R Bn at light 41°03′N 1°13′E
R Bn at light 41°53′N 3°12′E
(40(400)05 Cadiz; Spn LL)

310 20Ed. 12/29/79 LAST NM 20/06 21/06
Delete R Bn (AERO) 35°47′N 0°08′W
R Bn at light 36°32′N 1°22′E
(BA LL)

310 20Ed. 12/29/79 LAST NM 21/06 4/07
Delete R Bn at light 44°09′N 28°37′E
R Bn at light 46°18′N 30°40′E
R Bn at light 46°29′N 30°45′E
R Bn at light 46°19′N 31°30′E
R Bn at light 45°20′N 32°29′E
R Bn at light 44°34′N 33°22′E
(BA LL)

310 20Ed. 12/29/79 LAST NM 4/07 5/07
Delete R Bn at light 41°13′N 30°15′E
(BA LL)

★**400** (INT 400) 3Ed. 12/25/93 NEW EDITION 19/94
Add Danger circle "Obstn" 27°58′N 95°55′W
(Previously published 1/94)

Relocate Superbuoy ODAS "42020" close N to 27°13′N 96°30′W
(Previously published 2/94)

Delete R Bn at light 24°38′N 82°55′W
(Previously published 4/94)

Add Superbuoy ODAS "42036" Y, Fl(4) Y 20s 28°30′N 84°30′W
(Previously published 5/94)

Add Light symbol 28°55′N 84°45′W
28°40′N 84°21′W
(Previously published 10/94)

Delete Buoy 27°59′N 94°00′W

Buoy (mooring) 27°14′N 96°58′W
(DMAHTC; MCC1262/93)

400 (INT 400) 3Ed. 12/25/93 LAST NM 19/94 28/94
Add Dotted-line circle "Obstn" 28°35′N 92°47′W
(20/94 CG8)

400 (INT 400) 3Ed. 12/25/93 LAST NM 28/94 32/94
Delete R Bn at light 21°52′N 84°57′W

Add Light symbol 22°14′N 83°34′W

Danger circle "Obstn" 28°21′N 91°09′W
28°10′N 91°38′W
(24/94 CG8; 1(18), 2(36)94 Habana)

400 (INT 400) 3Ed. 12/25/93 LAST NM 32/94 36/94
Relocate Superbuoy ODAS "42020" (27°13′N 96°30′W) to 27°01′N 96°30′W
(See 19/94-400)
(49/93 CG8)

400 (INT 400) 3Ed. 12/25/93 LAST NM 36/94 43/94
Delete Light symbol 28°55′N 84°45′W
28°40′N 84°21′W
(See 19/94-400)
(33/94 CG8)

400 (INT 400) 3Ed. 12/25/93 LAST NM 43/94 46/94
Add Superbuoy ODAS "41018" Y, Fl(4) Y 20s 15°00′N 75°00′W
(35/94 CG7)

400 (INT 400) 3Ed. 12/25/93 LAST NM 46/94 52/94
Add Superbuoy ODAS "41016" Y, Fl(4) Y 20s 24°38′N 76°31′W
(MCC1348/94)

400 (INT 400) 3Ed. 12/25/93 LAST NM 52/94 1/95
Delete R Bn at light 26°04′N 97°10′W
R Bn 27°05′N 80°07′W
(47/94 CG7; 47/94 CG8)

400 (INT 400) 3Ed. 12/25/93 LAST NM 1/95 2/95
Delete R Bn at light 30°21′N 81°25′W
(49/94 CG7)

400 (INT 400) 3Ed. 12/25/93 LAST NM 2/95 43/95
Delete Light symbol 29°51′N 84°43′W
(36/95 CG8)

400 (INT 400) 3Ed. 12/25/93 LAST NM 43/95 45/95
Delete R Bn at light 29°19′N 94°44′W
(USCG LL)

400 (INT 400) 3Ed. 12/25/93 LAST NM 45/95 11/96
Add Superbuoy ODAS "42039" Y, Fl(4) Y 20s 28°47′N 86°02′W
(51/95 CG8)

400 (INT 400) 3Ed. 12/25/93 LAST NM 11/96 12/96
Delete R Bn at light 22°03′N 80°24′W
(5(103)95 Habana)

400 (INT 400) 3Ed. 12/25/93 LAST NM 12/96 13/96
Delete Superbuoy ODAS "41018" 15°00′N 75°00′W

Light symbol 29°40′N 85°22′W
Note: R Bn remains
(5/96 CG8; 8/96 CG7)

400 (INT 400) 3Ed. 12/25/93 LAST NM 13/96 17/96
Add Buoy Y, Fl Y 4s 28°50′N 84°51′W
(9/96 CG8)

400 (INT 400) 3Ed. 12/25/93 LAST NM 17/96 36/96
Delete R Bn 29°40′N 85°21′W
(SMEA006/96)

400 (INT 400) 3Ed. 12/25/93 LAST NM 36/96 41/96
Delete R Bn at light 28°54′N 89°25′W

R Bn 29°47′N 93°21′W
29°43′N 93°52′W
(SMEA009/96)

400 (INT 400) 3Ed. 12/25/93 LAST NM 41/96 42/96
Delete R Bn at light 27°50′N 97°03′W
R Bn (AERO) 12°13′N 69°03′W
(BA RA; SMEA009/96)

400 (INT 400) 3Ed. 12/25/93 LAST NM 42/96 45/96
Delete Light 18°24′N 75°00′W

Add Light symbol 10°45′N 62°43′W
(37/96 CG7; 28/96 Caracas)

400 (INT 400) 3Ed. 12/25/93 LAST NM 45/96 46/96
Delete R Bn at light 22°16′N 97°48′W

R Bn (AERO) 20°12′N 96°45′W
18°40′N 91°48′W

R Bn 19°09′N 96°10′W
20°28′N 87°00′W
18°30′N 88°20′W
(GIMM049/96)

400 (INT 400) 3Ed. 12/25/93 LAST NM 46/96 51/96
Delete R Bn at light 27°36′N 82°46′W
10°20′N 75°35′W
(GIMM049, 050/96)

400 (INT 400) 3Ed. 12/25/93 LAST NM 51/96 6/97
Delete R Bn at light 30°14′N 88°01′W
(GIMM002/97)

400 (INT 400) 3Ed. 12/25/93 LAST NM 6/97 14/97
Delete Depths
269 meters 16°13′N 86°49′W
189 meters (PA) 16°13′N 86°57′W
212 meters (PA) 16°14′N 87°13′W
(GIMM019/97)

400 (INT 400) 3Ed. 12/25/93 LAST NM 14/97 23/97
Delete Purple circle at light 22°41′N 78°53′W
Legend "R Bn" 22°45′N 78°26′W
(9(222)96 Habana)

400 (INT 400) 3Ed. 12/25/93 LAST NM 23/97 28/97
Delete R Bn at light 28°27′N 80°33′W
(GIMM002/97)

400 (INT 400) 3Ed. 12/25/93 LAST NM 28/97 29/97
Delete Superbuoy ODAS "41006" 29°18′N 77°22′W
(24/97 CG7)

400 (INT 400) 3Ed. 12/25/93 LAST NM 29/97 30/97
Delete Light symbol 16°23′N 86°23′W
(17(1506)97 Taunton)

400 (INT 400) 3Ed. 12/25/93 LAST NM 30/97 27/98
Add Wreck (PA) 26°13′N 96°25′W
(16/98 CG8)

400 (INT 400) 3Ed. 12/25/93 LAST NM 27/98 28/98
Delete Light symbol 31°57′N 80°40′W
(19/98 CG7)

400 (INT 400) 3Ed. 12/25/93 LAST NM 28/98 35/98
Delete Light symbol 29°20′N 94°44′W
28°58′N 95°19′W
(29/98 CG8)

400 (INT 400) 3Ed. 12/25/93 LAST NM 35/98 45/98
Add Dangerous wreck 27°01′N 97°08′W
Dotted-line circle "Obstn" 28°32′N 92°59′W
(38/98 CG8)

400 (INT 400) 3Ed. 12/25/93 LAST NM 45/98 49/98
Delete R Bn (AERO) 16°16′N 61°32′W
(BA RA)

400 (INT 400) 3Ed. 12/25/93 LAST NM 49/98 39/99
Delete R Bn (AERO) 30°27′N 87°11′W
(USCG LL)

400 (INT 400) 3Ed. 12/25/93 LAST NM 39/99 48/99
Add Depth 36 meters Obstn [I10] 29°28′N 88°26′W
(19/99 CG8)

400 (INT 400) 3Ed. 12/25/93 LAST NM 48/99 50/99
Delete Light symbol 26°05′N 80°06′W
(40/99 CG7)

400 (INT 400) 3Ed. 12/25/93 LAST NM 50/99 4/00
Relocate Superbuoy ODAS "42020" from
27°01′N 96°30′W to 26°55′N 96°42′W
(29/99 CG8)

400 (INT 400) 3Ed. 12/25/93 LAST NM 4/00 14/00
Add Superbuoy ODAS "42040" Y, Fl(4) Y 20s
[Q58] 29°12.5′N 88°12.0′W
(42/99 CG8)

400 (INT 400) 3Ed. 12/25/93 LAST NM 14/00 16/00
Delete Light 27°51′N 97°04′W
(49/99 CG8)

400 (INT 400) 3Ed. 12/25/93 LAST NM 16/00 22/00
Delete Light 26°03′N 97°09′W
(50/99 CG8)

400 (INT 400) 3Ed. 12/25/93 LAST NM 22/00 45/00
Relocate Superbuoy ODAS "42019" from
27°53′N 95°00′W to 27°55′N 95°22′W
(26/00 CG8)

400 (INT 400) 3Ed. 12/25/93 LAST NM 45/00 7/01
Delete Light 12°37′N 70°03′W
Light 11°59′N 68°39′W
Light 12°25′N 69°52′W
(42(482)00 's-Gravenhage)

400 (INT 400) 3Ed. 12/25/93 LAST NM 7/01 24/01
Substitute Depth 16 meters for 19 meters 28°10′N 94°18′W
(NOS)

400 (INT 400) 3Ed. 12/25/93 LAST NM 24/01 35/01
Relocate Superbuoy ODAS "42003" from
25°56.2′N 85°54.9′W to 25°23.6′N 85°57.9′W
(51/00 CG8)

400 (INT 400) 3Ed. 12/25/93 LAST NM 35/01 38/01
Relocate Superbuoy ODAS "41002" from
32°18′N 75°14′W to 32°16′N 75°26′W
(29/01 CG7)

400 (INT 400) 3Ed. 12/25/93 LAST NM 38/01 23/02
Add Dashed-line circle "Obstn" (PA) 28°44′N 85°09′W
(19/02 CG8)

400 (INT 400) 3Ed. 12/25/93 LAST NM 23/02 26/02
Relocate Superbuoy ODAS "42002" from
25°55′N 93°35′W to 25°11′N 94°25′W
(22/02 CG8)

400 (INT 400) 3Ed. 12/25/93 LAST NM 26/02 31/02
Add Superbuoy ODAS [Q58] "42041" Y,
Fl(4) Y 20s 27°30′N 90°30′W
(NTM0010/2002)

400 (INT 400) 3Ed. 12/25/93 LAST NM 31/02 32/02
Add Danger circle "Obstn" [K40] (PA) 31°48′N 79°34′W
(NOS)

400 (INT 400) 3Ed. 12/25/93 LAST NM 32/02 33/02
Add Light symbol [P1] 22°23′N 89°41′W
(SCT 4/02 Mexico, D.F.; US CH 28221)

400 (INT 400) 3Ed. 12/25/93 LAST NM 33/02 35/02
Add Superbuoy ODAS [Q58] "41012" Y,
Fl(4) Y 20s 30°00′N 80°30′W
(27/02 CG7)

400 (INT 400) 3Ed. 12/25/93 LAST NM 35/02 45/02
Add Light symbol [P1] 20°30′N 86°58′W
(Mex LL; NTM0007/2002)

400 (INT 400) 3Ed. 12/25/93 LAST NM 45/02 29/03
Add Dashed-line circle "Obstn" 27°37′N 89°13′W
Dashed-line circle "Obstn" 27°06′N 91°06′W
Dashed-line circle "Obstn" 26°05′N 88°58′W
Dashed-line circle "Obstn" 25°55′N 91°08′W
(23/03 CG8)

400 (INT 400) 3Ed. 12/25/93 LAST NM 29/03 33/03
Relocate Superbuoy ODAS "42003" from
25°24′N 85°58′W to 26°01′N 85°55′W
(NTM0002/2003)

400 (INT 400) 3Ed. 12/25/93 LAST NM 33/03 34/03
Delete R Bn at light 32°00′N 80°50′W

Add Wreck [K29] (PA) 28°46′N 92°22′W
(26/03 CG7; 28/03 CG8)

400 (INT 400) 3Ed. 12/25/93 LAST NM 34/03 6/04
Delete Designation "42001" from superbuoy (ODAS)
25°55′N 89°38′W

Add Superbuoy (ODAS) "42001" Y, Fl(4) Y 20s
25°51′N 89°40′W
(NTM0001/2004)

400 (INT 400) 3Ed. 12/25/93 LAST NM 6/04 19/04
Add Wreck [K29] "Rep (2004)" 25°54′N 79°55′W
(NTM0001/2004)

400 (INT 400) 3Ed. 12/25/93 LAST NM 19/04 25/04
Add Superbuoy ODAS [Q58] "42038"
Y, Fl(4) Y 20s 27°25′N 92°35′W
(20/04 CG8)

400 (INT 400) 3Ed. 12/25/93 LAST NM 25/04 27/04
Delete Depth 8 meters and enclosing dotted-line circle
16°58′N 83°15′W

Add Depth 26 meters 16°54′N 83°20′W
(NTM0012/2004)

400 (INT 400) 3Ed. 12/25/93 LAST NM 27/04 36/04
Delete Dashed-line circle "Obstn" 27°37′N 89°13′W
Dashed-line circle "Obstn" 27°06′N 91°06′W
Dashed-line circle "Obstn" 26°05′N 88°58′W
Dashed-line circle "Obstn" 25°55′N 91°08′W
(26/04 CG8)

400 (INT 400) 3Ed. 12/25/93 LAST NM 36/04 37/04
Add Dashed-line circle "Obstn" 26°02′N 96°15′W
Dashed-line circle "Obstn" 26°03′N 95°57′W
Dashed-line circle "Obstn" 26°03′N 95°35′W
Dashed-line circle "Obstn" 26°02′N 94°06′W
Dashed-line circle "Obstn" 26°37′N 96°17′W
Dashed-line circle "Obstn" 26°38′N 95°33′W
Dashed-line circle "Obstn" 26°30′N 94°49′W
Dashed-line circle "Obstn" 26°37′N 93°56′W
Dashed-line circle "Obstn" 27°08′N 96°08′W
Dashed-line circle "Obstn" 27°13′N 95°31′W
Dashed-line circle "Obstn" 26°55′N 94°43′W
Dashed-line circle "Obstn" 27°25′N 94°40′W
Dashed-line circle "Obstn" 27°10′N 93°54′W
(27/04 CG8)

400 (INT 400) 3Ed. 12/25/93 LAST NM 37/04 49/04
Relocate Superbuoy ODAS "42040" from
29°12′N 88°12′W to 29°11′N 88°13′W
(NTM0036/2003)

400 (INT 400) 3Ed. 12/25/93 LAST NM 49/04 1/05
Relocate Superbuoy ODAS "41002" from
32°16′N 75°26′W to 32°19′N 75°21′W
(NOS)

400 (INT 400) 3Ed. 12/25/93 LAST NM 1/05 9/05
Add Dashed-line circle "Obstn" 26°29′N 95°22′W
(5/05 CG8)

400 (INT 400) 3Ed. 12/25/93 LAST NM 9/05 23/05
Add Superbuoy ODAS [Q58] "42055" Y,
Fl(4) Y 20s 22°01′N 94°03′W
Superbuoy ODAS [Q58] "42056" Y,
Fl(4) Y 20s 19°52′N 85°04′W
(NTM0006/2005)

400 (INT 400) 3Ed. 12/25/93 LAST NM 23/05 26/05
Add Depth 1116 meters "Rep (2005)" 27°26′N 76°35′W
(NTM0024/2005)

400 (INT 400) 3Ed. 12/25/93 LAST NM 26/05 27/05
Delete Superbuoy ODAS "42041" 27°30′N 90°30′W
(13/05 CG8)

400 (INT 400) 3Ed. 12/25/93 LAST NM 27/05 36/05
Add Dashed-line circle "Obstn" 27°56′N 91°54′W
Dashed-line circle "Obstn" 27°57′N 92°21′W
(24/05 CG8)

400 (INT 400) 3Ed. 12/25/93 LAST NM 36/05 43/05
Delete Superbuoy ODAS 25°55′N 89°38′W

Relocate Superbuoy ODAS "42001" from
25°51′N 89°40′W to 25°54′N 89°40′W
(NTM0032/2005)

400 (INT 400) 3Ed. 12/25/93 LAST NM 43/05 48/05
Add Depth 17 meters "Rep (2005)" 21°55′N 91°49′W
(NTM0004/2005)

400 (INT 400) 3Ed. 12/25/93 LAST NM 48/05 4/06
Add Light symbol [P1] 21°11′N 86°48′W
(10(Sec 3)05 Mexico, D.F.)

400 (INT 400) 3Ed. 12/25/93 LAST NM 4/06 13/06
Delete Superbuoy ODAS "42003" 26°01′N 85°55′W

Add Superbuoy ODAS "42003" Y (inverted) 25°59′N 85°50′W
(NOS)

400 (INT 400) 3Ed. 12/25/93 LAST NM 13/06 14/06
Delete Superbuoy ODAS "42003" 25°59′N 85°50′W
(See 13/06-400)

Add Superbuoy ODAS "42003" Y, Fl(4) Y 20s 26°04′N 85°57′W
(NTM0003/2006)

400 (INT 400) 3Ed. 12/25/93 LAST NM 14/06 21/06
Add Superbuoy ODAS [Q58] "42408" Or W,
Fl(4) Y 20s 25°25′N 86°48′W
(18/06 CG8)

400 (INT 400) 3Ed. 12/25/93 LAST NM 21/06 25/06
Add Superbuoy ODAS "42070" Or W, Fl(4) Y 20s
[Q58] 28°33′N 88°10′W
(22/06 CG8)

400 (INT 400) 3Ed. 12/25/93 LAST NM 25/06 28/06
Add Depth 390 meters 23°07′N 79°16′W
(NTM0007/2005)

400 (INT 400) 3Ed. 12/25/93 LAST NM 28/06 50/06
Add Depth 7 meters Obstn [K41] "Rep (2006)"
16°29′N 81°22′W
Depth 7 meters Obstn [K41] "Rep (2006)"
16°23′N 81°19′W
(43(4946)06 Taunton)

400 (INT 400) 3Ed. 12/25/93 LAST NM 50/06 8/07
Substitute Depth 8 meters for 13 meters 20°08′N 68°51′W

Add Depth 63 meters, blue tint and enclosing
dotted-line circle 20°03′N 69°22′W
(46(5388)05 Taunton)

400 (INT 400) 3Ed. 12/25/93 LAST NM 8/07 9/07
Add Light symbol [P1] 12°25′N 69°52′W
(12(1538)05 Taunton)

★**401** (INT 401) 5Ed. 6/15/91 NEW EDITION 33/91
Add Danger circle "Obstr" (PA) 27°52′N 96°32′W
(DMAHTC; 27/91 CG8)

401 (INT 401) 5Ed. 6/15/91 LAST NM 33/91 35/91
Relocate Superbuoy ODAS "41009" close SE to
28°30.0′N 80°10.8′W
(28/91 CG7)

401 (INT 401) 5Ed. 6/15/91 LAST NM 35/91 38/91
Add Dangerous wreck 28°08′N 95°43′W

Danger circles "Obstr" 28°09′N 93°18′W
28°29′N 91°02′W
(34/91 CG8)

401 (INT 401) 5Ed. 6/15/91 LAST NM 38/91 14/92
Add Light Fl 25°46′N 80°08′W
(USCG LL)

401 (INT 401) 5Ed. 6/15/91 LAST NM 14/92 16/92
Add Superbuoy ODAS "41010" Y, Fl(4) Y 20s
28°53.1′N 78°30.0′W
(MCC1180/92)

401 (INT 401) 5Ed. 6/15/91 LAST NM 16/92 31/93
Delete R Bn (AERO) 20°58′N 97°23′W
(9(771)93 Taunton)

401 (INT 401) 5Ed. 6/15/91 LAST NM 31/93 51/93
Add Depth 29 meters enclosed by
depth contour (30-meter) 17°47′N 75°52′W
(33(533)93 Hamburg)

401 (INT 401) 5Ed. 6/15/91 LAST NM 51/93 52/93
Add Danger circle "Obstns (45m rep)" (PA)
28°25.3′N 90°04.7′W
Buoy (Priv maintd) 28°01.2′N 93°59.6′W
Buoy (mooring) 27°15.9′N 96°58.3′W
(44, 45/93 CG8)

401 (INT 401) 5Ed. 6/15/91 LAST NM 52/93 1/94
Add Danger circle "Obstn (36m rep)" (PA) 27°58.3′N 95°55.2′W
(47/93 CG8)

401 (INT 401) 5Ed. 6/15/91 LAST NM 1/94 2/94
Relocate Superbuoy ODAS "42020" close N to 27°13′N 96°30′W
(49/93 CG8)

401 (INT 401) 5Ed. 6/15/91 LAST NM 2/94 4/94
Delete R Bn at light 26°15.6′N 80°05.2′W
24°38.0′N 82°55.2′W
(46/93 CG7)

401 (INT 401) 5Ed. 6/15/91 LAST NM 4/94 5/94
Add Superbuoy ODAS "42036" Y, Fl(4) Y 20s
28°30.0′N 84°30.3′W
(50/93 CG7)

401 (INT 401) 5Ed. 6/15/91 LAST NM 5/94 6/94
Add Wreck (PA) 28°25′N 93°13′W
(50/93 CG8)

401 (INT 401) 5Ed. 6/15/91 LAST NM 6/94 9/94
Add Wreck (PA) 29°05′N 88°58′W
(3/94 CG8)

401 (INT 401) 5Ed. 6/15/91 LAST NM 9/94 10/94
Add Lights, each Q
"S4" 28°55.0′N 84°45.0′W
"S5" 28°40.0′N 84°21.3′W

Buoy "WR" R, QR 29°04.8′N 88°57.5′W
(4/94 CG8)

401 (INT 401) 5Ed. 6/15/91 LAST NM 10/94 12/94
Substitute Stranded wreck (PA) for
wreck (PA) and buoy 29°05′N 88°58′W
(See 9, 10/94-401)
(6/94 CG8)

401 (INT 401) 5Ed. 6/15/91 LAST NM 12/94 28/94
Add Dotted-line circle "Obstn" 28°35′N 92°47′W
(20/94 CG8)

401 (INT 401) 5Ed. 6/15/91 LAST NM 28/94 32/94
Delete R Bn at light 21°52′N 84°57′W

Add Light symbol 22°14′N 83°34′W

Danger circle "Obstn" 28°21′N 91°09′W
28°10′N 91°38′W
(24/94 CG8; 1(18), 2(36)94 Habana)

401 (INT 401) 5Ed. 6/15/91 LAST NM 32/94 36/94
Relocate Superbuoy ODAS "42020"
(27°13′N 96°30′W) to 27°01′N 96°30′W
(See 2/94-401)
(49/93 CG8)

401 (INT 401) 5Ed. 6/15/91 LAST NM 36/94 43/94
Delete Light
"S4" 28°55.0′N 84°45.0′W
"S5" 28°40.0′N 84°21.3′W
(See 10/94-401)
(33/94 CG8)

401 (INT 401) 5Ed. 6/15/91 LAST NM 43/94 46/94
Add Superbuoy ODAS "41018" Y, Fl(4) Y 20s 15°00′N 75°00′W
(35/94 CG7)

401 (INT 401) 5Ed. 6/15/91 LAST NM 46/94 52/94
Add Superbuoy ODAS "41016" Y, Fl(4) Y 20s 24°38′N 76°31′W
(MCC1348/94)

401 (INT 401) 5Ed. 6/15/91 LAST NM 52/94 1/95
Delete R Bn at light 26°04′N 97°10′W
R Bn 27°04′N 80°07′W
(47/94 CG7; 47/94 CG8)

401 (INT 401) 5Ed. 6/15/91 LAST NM 1/95 2/95
Delete R Bn at light 30°22′N 81°25′W
(49/94 CG7)

401 (INT 401) 5Ed. 6/15/91 LAST NM 2/95 5/95
Substitute Depth 275 meters for 335 meters 18°32′N 86°58′W

Add Depth
24 meters 20°55′N 86°36′W
915 meters 18°19′N 87°04′W
(MCC004/95)

401 (INT 401) 5Ed. 6/15/91 LAST NM 5/95 32/95
Relocate Superbuoy ODAS "41006" close NE to 29°20′N 77°19′W
(21/95 CG7)

401 (INT 401) 5Ed. 6/15/91 LAST NM 32/95 43/95
Delete Light symbol 29°51′N 84°42′W
(36/95 CG8)

401 (INT 401) 5Ed. 6/15/91 LAST NM 43/95 45/95
Delete R Bn at light 29°19′N 94°44′W
(USCG LL)

401 (INT 401) 5Ed. 6/15/91 LAST NM 45/95 1/96
Add Depth 36 meters enclosed by
dotted-line circle 18°42′N 84°04′W
(MCC063/95)

401 (INT 401) 5Ed. 6/15/91 LAST NM 1/96 11/96
Add Superbuoy ODAS "42039" Y, Fl(4) Y 20s 28°47′N 86°02′W
(51/95 CG8)

401 (INT 401) 5Ed. 6/15/91 LAST NM 11/96 12/96
Delete R Bn at light 22°03′N 80°24′W
(5(103)95 Habana)

401 (INT 401) 5Ed. 6/15/91 LAST NM 12/96 13/96
Delete Superbuoy ODAS "41018" 15°00′N 75°00′W

Light symbol 29°40′N 85°22′W
Note: R Bn remains
(5/96 CG8; 8/96 CG7)

401 (INT 401) 5Ed. 6/15/91 LAST NM 13/96 17/96
Add Buoy Y, Fl Y 4s 28°50′N 84°51′W
(9/96 CG8)

401 (INT 401) 5Ed. 6/15/91 LAST NM 17/96 36/96
Delete R Bn 29°40′N 85°21′W
(SMEA006/96)

401 (INT 401) 5Ed. 6/15/91 LAST NM 36/96 41/96
Delete R Bn at light 28°54′N 89°25′W
R Bn 28°59′N 89°08′W
29°47′N 93°21′W
29°43′N 93°52′W
(SMEA009/96)

401 (INT 401) 5Ed. 6/15/91 LAST NM 41/96 42/96
Delete R Bn at light 27°50′N 97°03′W
(SMEA009/96)

401 (INT 401) 5Ed. 6/15/91 LAST NM 42/96 46/96
Delete R Bn (AERO) 20°12′N 96°45′W
18°39′N 91°48′W
20°28′N 86°58′W
18°30′N 88°22′W

R Bn 19°09′N 96°08′W
R Bn at light 21°15′N 89°40′W
(GIMM049/96)

401 (INT 401) 5Ed. 6/15/91 LAST NM 46/96 51/96
Delete R Bn at light 27°36′N 82°46′W
(GIMM050/96)

401 (INT 401) 5Ed. 6/15/91 LAST NM 51/96 6/97
Delete R Bn at light 30°14′N 88°01′W
(GIMM002/97)

401 (INT 401) 5Ed. 6/15/91 LAST NM 6/97 14/97
Delete Depths
269 meters 16°13′N 86°50′W
189 meters 16°12′N 87°03′W
212 meters 16°12′N 87°15′W
(GIMM019/97)

401 (INT 401) 5Ed. 6/15/91 LAST NM 14/97 27/97
Delete R Bn (AERO) 25°42′N 79°16′W
(GIMM001/97)

401 (INT 401) 5Ed. 6/15/91 LAST NM 27/97 28/97
Delete R Bn at light 28°28′N 80°33′W
(GIMM002/97)

401 (INT 401) 5Ed. 6/15/91 LAST NM 28/97 29/97
Delete Superbuoy ODAS "41006" 29°20′N 77°19′W
(24/97 CG7)

401 (INT 401) 5Ed. 6/15/91 LAST NM 29/97 30/97
Delete Light symbol 16°07′N 86°53′W
16°24′N 86°23′W
(17(1506)97 Taunton)

401 (INT 401) 5Ed. 6/15/91 LAST NM 30/97 27/98
Add Wreck (PA) 26°13′N 96°25′W
(16/98 CG8)

401 (INT 401) 5Ed. 6/15/91 LAST NM 27/98 35/98
Delete Light symbol 29°20′N 94°45′W
(29/98 CG8)

401 (INT 401) 5Ed. 6/15/91 LAST NM 35/98 45/98
Add Dangerous wreck 27°01′N 97°08′W
Dotted-line circle "Obstn" 28°32′N 92°59′W
(38/98 CG8)

401 (INT 401) 5Ed. 6/15/91 LAST NM 45/98 39/99
Delete R Bn (AERO) 30°27′N 87°11′W
(USCG LL)

401 (INT 401) 5Ed. 6/15/91 LAST NM 39/99 48/99
Add Depth 36 meters Obstn [I10] 29°28′N 88°26′W
(19/99 CG8)

401 (INT 401) 5Ed. 6/15/91 LAST NM 48/99 50/99
Delete Light symbol 26°06′N 80°07′W
(40/99 CG7)

401 (INT 401) 5Ed. 6/15/91 LAST NM 50/99 2/00
Relocate Superbuoy ODAS "42001" from
25°56′N 89°40′W to 25°54′N 89°41′W
(26/99 CG8)

401 (INT 401) 5Ed. 6/15/91 LAST NM 2/00 4/00
Relocate Superbuoy ODAS "42020" from
27°01′N 96°30′W to 26°55′N 96°42′W
(29/99 CG8)

401 (INT 401) 5Ed. 6/15/91 LAST NM 13/00 14/00
Add Superbuoy ODAS "42040" Y, Fl(4) Y 20s
[Q58] 29°12.5′N 88°12.0′W
(42/99 CG8)

401 (INT 401) 5Ed. 6/15/91 LAST NM 14/00 16/00
Delete Light 27°51′N 97°04′W
(49/99 CG8)

401 (INT 401) 5Ed. 6/15/91 LAST NM 16/00 22/00
Delete Light 26°04′N 97°09′W
(50/99 CG8)

401 (INT 401) 5Ed. 6/15/91 LAST NM 22/00 45/00
Relocate Superbuoy ODAS "42019" from
27°55′N 95°00′W to 27°55′N 95°22′W
(26/00 CG8)

401 (INT 401) 5Ed. 6/15/91 LAST NM 45/00 22/01
Add Superbuoy ODAS "42054" Y, Fl(4) Y 20s 26°00′N 87°44′W
(NTM0020/2001)

401 (INT 401) 5Ed. 6/15/91 LAST NM 22/01 24/01
Substitute Depth 16 meters for 19 meters 28°10′N 94°18′W
(NOS)

401 (INT 401) 5Ed. 6/15/91 LAST NM 24/01 35/01
Relocate Superbuoy ODAS "42003" from
25°56′N 85°55′W to 25°24′N 85°58′W
(51/00 CG8)

401 (INT 401) 5Ed. 6/15/91 LAST NM 35/01 42/01
Relocate Superbuoy ODAS "42020" from
26°55′N 96°42′W to 26°57′N 96°42′W
Superbuoy ODAS "42019" from
27°55′N 95°22′W to 27°55′N 95°13′W
(See 45/00-401)
(NTM0020/2001)

401 (INT 401) 5Ed. 6/15/91 LAST NM 42/01 22/02
Delete Superbuoy ODAS "42054" 26°00′N 87°44′W
(See 22/01-401)
(NTM0010/2002)

401 (INT 401) 5Ed. 6/15/91 LAST NM 22/02 23/02
Add Dashed-line circle "Obstn" (PA) 28°44′N 85°09′W
(19/02 CG8)

401 (INT 401) 5Ed. 6/15/91 LAST NM 23/02 26/02
Relocate Superbuoy ODAS "42002" from
25°55′N 93°35′W to 25°11′N 94°25′W
(22/02 CG8)

401 (INT 401) 5Ed. 6/15/91 LAST NM 26/02 31/02
Add Superbuoy ODAS [Q58] "42041" Y,
Fl(4) Y 20s 27°30′N 90°30′W
(NTM0010/2002)

401 (INT 401) 5Ed. 6/15/91 LAST NM 31/02 33/02
Add Light symbol [P1] 22°23′N 89°41′W
(SCT 4/02 Mexico, D.F.; US CH 28221)

401 (INT 401) 5Ed. 6/15/91 LAST NM 33/02 35/02
Add Superbuoy ODAS [Q58] "41012" Y,
Fl(4) Y 20s 30°00′N 80°30′W
(27/02 CG7)

401 (INT 401) 5Ed. 6/15/91 LAST NM 35/02 45/02
Add Light symbol [P1] 20°30′N 86°58′W
(Mex LL; NTM0007/2002)

401 (INT 401) 5Ed. 6/15/91 LAST NM 45/02 14/03
Relocate Superbuoy ODAS "42041" from
27°30′N 90°30′W to 27°30′N 90°28′W
(See 31/02-401)
(NTM0002/2003)

401 (INT 401) 5Ed. 6/15/91 LAST NM 14/03 29/03
Add Dashed-line circle "Obstn" 27°37′N 89°13′W
Dashed-line circle "Obstn" 27°06′N 91°06′W
Dashed-line circle "Obstn" 26°05′N 88°58′W
Dashed-line circle "Obstn" 25°55′N 91°08′W
(23/03 CG8)

401 (INT 401) 5Ed. 6/15/91 LAST NM 29/03 33/03
Relocate Superbuoy ODAS "42003" from
25°24′N 85°58′W to 26°01′N 85°55′W
(NTM0002/2003)

401 (INT 401) 5Ed. 6/15/91 LAST NM 33/03 34/03
Add Wreck [K29] (PA) 28°46′N 92°22′W
(28/03 CG8)

401 (INT 401) 5Ed. 6/15/91 LAST NM 34/03 44/03
Relocate Superbuoy ODAS "42019" from
27°55′N 95°13′W to 27°55′N 95°22′W
(NTM0002/2003)

401 (INT 401) 5Ed. 6/15/91 LAST NM 44/03 6/04
Delete Designation "42001" from superbuoy (ODAS)
25°54′N 89°41′W

Add Superbuoy (ODAS) "42001" Y, Fl(4) Y 20s
25°51′N 89°40′W
(NTM0001/2004)

401 (INT 401) 5Ed. 6/15/91 LAST NM 6/04 19/04
Add Wreck [K29] "Rep (2004)" 25°54′N 79°55′W
(NTM0001/2004)

401 (INT 401) 5Ed. 6/15/91 LAST NM 19/04 21/04
Relocate Superbuoy ODAS "41012" from
30°00′N 80°30′W to 30°03′N 80°33′W
(NTM0036/2003)

401 (INT 401) 5Ed. 6/15/91 LAST NM 21/04 25/04
Add Superbuoy ODAS [Q58] "42038"
Y, Fl(4) Y 20s 27°25′N 92°35′W
(20/04 CG8)

401 (INT 401) 5Ed. 6/15/91 LAST NM 25/04 27/04
Delete Depth 8 meters and enclosing dotted-line circle
16°57′N 83°15′W

Add Depth 26 meters 16°54′N 83°20′W
(NTM0012/2004)

401 (INT 401) 5Ed. 6/15/91 LAST NM 27/04 36/04
Delete Dashed-line circle "Obstn" 27°37′N 89°13′W
Dashed-line circle "Obstn" 27°06′N 91°06′W
Dashed-line circle "Obstn" 26°05′N 88°58′W
Dashed-line circle "Obstn" 25°55′N 91°08′W
(26/04 CG8)

401 (INT 401) 5Ed. 6/15/91 LAST NM 36/04 37/04
Add Dashed-line circle "Obstn" 26°02′N 96°15′W
Dashed-line circle "Obstn" 26°03′N 95°57′W
Dashed-line circle "Obstn" 26°03′N 95°35′W
Dashed-line circle "Obstn" 26°02′N 94°06′W
Dashed-line circle "Obstn" 26°37′N 96°17′W
Dashed-line circle "Obstn" 26°38′N 95°33′W
Dashed-line circle "Obstn" 26°30′N 94°49′W
Dashed-line circle "Obstn" 26°37′N 93°56′W
Dashed-line circle "Obstn" 27°08′N 96°08′W
Dashed-line circle "Obstn" 27°13′N 95°31′W
Dashed-line circle "Obstn" 26°55′N 94°43′W

(continued on next page)

401 (Continued) 37/04
Dashed-line circle "Obstn" 27°25′N 94°40′W
Dashed-line circle "Obstn" 27°10′N 93°54′W
(27/04 CG8)

401 (INT 401) 5Ed. 6/15/91 LAST NM 37/04 38/04
Add Wreck [K29] (PA) 24°53′N 83°04′W
(NOS)

401 (INT 401) 5Ed. 6/15/91 LAST NM 38/04 49/04
Relocate Superbuoy ODAS "42040" from
29°12′N 88°12′W to 29°11′N 88°13′W
(NTM0036/2003)

401 (INT 401) 5Ed. 6/15/91 LAST NM 49/04 9/05
Add Dashed-line circle "Obstn" 26°29′N 95°22′W
(5/05 CG8)

401 (INT 401) 5Ed. 6/15/91 LAST NM 9/05 23/05
Add Superbuoy ODAS [Q58] "42055" Y,
Fl(4) Y 20s 22°01′N 94°03′W
Superbuoy ODAS [Q58] "42056" Y,
Fl(4) Y 20s 19°52′N 85°04′W
(NTM0006/2005)

401 (INT 401) 5Ed. 6/15/91 LAST NM 23/05 26/05
Add Depth 1116 meters "Rep (2005)" 27°26′N 76°35′W
(NTM0024/2005)

401 (INT 401) 5Ed. 6/15/91 LAST NM 26/05 27/05
Delete Superbuoy ODAS "42041" 27°30′N 90°28′W
(13/05 CG8)

401 (INT 401) 5Ed. 6/15/91 LAST NM 27/05 35/05
Relocate Superbuoy ODAS "42039" from
28°47′N 86°02′W to 28°48′N 86°01′W
(23/05 CG8)

401 (INT 401) 5Ed. 6/15/91 LAST NM 35/05 36/05
Add Dashed-line circle "Obstn" 27°56′N 91°54′W
Dashed-line circle "Obstn" 27°57′N 92°21′W
(24/05 CG8)

401 (INT 401) 5Ed. 6/15/91 LAST NM 36/05 43/05
Delete Superbuoy ODAS 25°54′N 89°41′W

Relocate Superbuoy ODAS "42001" from
25°51′N 89°40′W to 25°54′N 89°40′W
(NTM0032/2005)

401 (INT 401) 5Ed. 6/15/91 LAST NM 43/05 48/05
Add Depth 17 meters "Rep (2005)" 21°55′N 91°49′W
(NTM0004/2005)

401 (INT 401) 5Ed. 6/15/91 LAST NM 48/05 4/06
Add Light symbol [P1] 21°11′N 86°48′W
(10(Sec 3)05 Mexico, D.F.)

401 (INT 401) 5Ed. 6/15/91 LAST NM 4/06 13/06
Delete Superbuoy ODAS "42003" 26°01′N 85°55′W

Add Superbuoy ODAS "42003" Y (inverted) 25°59′N 85°50′W
(NOS)

401 (INT 401) 5Ed. 6/15/91 LAST NM 13/06 14/06
Delete Superbuoy ODAS "42003" 25°59′N 85°50′W
(See 13/06-401)

Add Superbuoy ODAS "42003" Y, Fl(4) Y 20s 26°04′N 85°57′W
(NTM0003/2006)

401 (INT 401) 5Ed. 6/15/91 LAST NM 14/06 21/06
Add Superbuoy ODAS [Q58] "42408" Or W,
Fl(4) Y 20s 25°25′N 86°48′W
(18/06 CG8)

401 (INT 401) 5Ed. 6/15/91 LAST NM 21/06 25/06
Add Superbuoy ODAS "42070" Or W, Fl(4) Y 20s
[Q58] 28°33′N 88°10′W
(22/06 CG8)

401 (INT 401) 5Ed. 6/15/91 LAST NM 25/06 28/06
Add Depth 390 meters 23°07′N 79°16′W
(NTM0007/2005)

401 (INT 401) 5Ed. 6/15/91 LAST NM 28/06 42/06
Add Depth 9 meters Wk [K26] 16°21.0′N 80°20.5′W
(33(3834)05 Taunton)

401 (INT 401) 5Ed. 6/15/91 LAST NM 42/06 50/06
Add Depth 7 meters Obstn [K41] "Rep (2006)"
16°28.5′N 81°21.8′W
Depth 7 meters Obstn [K41] "Rep (2006)"
16°23.0′N 81°18.5′W
(43(4946)06 Taunton)

★**402** (INT 402) 4Ed. 5/25/85 NEW EDITION 32/85
(DMAHTC)

402 (INT 402) 4Ed. 5/25/85 LAST NM 32/85 39/85
Substitute Depths
22 meters for 9 meters 17°52′N 77°59′W
18 meters for 17 meters 17°59′N 78°04′W
(46(2296, 2297)75 Taunton)

402 (INT 402) 4Ed. 5/25/85 LAST NM 39/85 42/85
Add Depth 287 meters "Rep (1985)" 20°45.5′N 73°24.5′W
Light symbol 12°16.0′N 71°58.0′W

R Bn (AERO) 12°14.0′N 72°00.0′W
(HNNM7588/85; 35(2309)85 Taunton)

402 (INT 402) 4Ed. 5/25/85 LAST NM 42/85 46/85
Delete Depths
60 meters 16°34′N 61°54′W
73 meters 16°30′N 62°04′W
(HNNM7469/85, 7601/85)

402 (INT 402) 4Ed. 5/25/85 LAST NM 46/85 9/86
Delete Depth 9 meters 15°21′N 81°11′W
(HNNM7693/86)

402 (INT 402) 4Ed. 5/25/85 LAST NM 9/86 10/86
Delete Depths
28 meters 17°20′N 77°56′W
14 meters 13°53′N 78°18′W
11 meters 15°58′N 81°01′W
6 meters 13°34′N 81°48′W
13 meters 16°27′N 82°15′W
(HNNM7695/86)

402 (INT 402) 4Ed. 5/25/85 LAST NM 10/86 12/86
Delete Depth 12 meters 14°35′N 60°46′W

Add Depth 15 meters 14°34′N 60°46′W
(2(176)86 Taunton)

402 (INT 402) 4Ed. 5/25/85 LAST NM 12/86 14/86
Delete Depth 7 meters 18°29′N 84°10′W

Add Depth 29 meters "Rep (1985)" 15°59′N 81°01′W
Depth 152 meters 15°41′N 61°29′W
(1(99), 2(177)86 Taunton; HNNM7729/86)

402 (INT 402) 4Ed. 5/25/85 LAST NM 14/86 18/86
Add Depth 4 meters enclosed by
danger circle (ED) 17°35′N 63°35′W
(5(97)86 's-Gravenhage)

402 (INT 402) 4Ed. 5/25/85 LAST NM 18/86 45/86
Add Depth 30 meters "Rep (1986)" (PA) 18°48.6′N 83°15.2′W
(14(1454)86 Hamburg)

402 (INT 402) 4Ed. 5/25/85 LAST NM 45/86 52/86
Substitute Depth 21 meters for 31 meters 18°48.0′N 83°18.4′W
(42(3092)86 Taunton)

402 (INT 402) 4Ed. 5/25/85 LAST NM 52/86 1/87
Delete R Bn (AERO) 11°12′N 68°24′W
(39(2855)86 Taunton)

402 (INT 402) 4Ed. 5/25/85 LAST NM 1/87 15/87
Delete Depth 46 meters 22°07′N 74°23′W
(MCNM7932/87)

402 (INT 402) 4Ed. 5/25/85 LAST NM 15/87 21/87
Add Depths
159 meters 18°21.5′N 83°44.0′W
21 meters 18°21.9′N 84°14.6′W
28 meters 18°48.7′N 83°14.9′W
(MCNM7936/87)

402 (INT 402) 4Ed. 5/25/85 LAST NM 21/87 35/87
Delete Depth 31 meters 14°10′N 60°50′W
(6(81)87 Brest)

402 (INT 402) 4Ed. 5/25/85 LAST NM 35/87 49/87
Delete Depth 18 meters 14°30′N 80°25′W
(MCNM8020/87)

402 (INT 402) 4Ed. 5/25/85 LAST NM 49/87 9/88
Add Rock awash 22°00′N 76°09′W
(MCNM8057/88)

402 (INT 402) 4Ed. 5/25/85 LAST NM 9/88 24/88
Delete R Bn (AERO) at light 17°24′N 83°56′W
(9(756)88 Taunton)

402 (INT 402) 4Ed. 5/25/85 LAST NM 24/88 32/88
Substitute Depth 389 meters for 438 meters 20°50′N 74°01′W
(MCNM8123/88)

402 (INT 402) 4Ed. 5/25/85 LAST NM 32/88 33/88
Add Depth 12 meters “′Rep (1988)” (PA) 18°47′N 83°51′W
(20(1558)88 Taunton)

402 (INT 402) 4Ed. 5/25/85 LAST NM 33/88 43/88
Add Depths
24 meters 17°12.9′N 75°25.0′W
56 meters 17°15.3′N 75°24.5′W
(MCNM8078/88)

402 (INT 402) 4Ed. 5/25/85 LAST NM 43/88 48/88
Delete Depths
49 meters 17°00′N 82°17′W
25 meters 18°37′N 83°12′W
31 meters 18°37′N 83°08′W
23 meters 18°35′N 83°23′W
33 meters 18°33′N 83°47′W
7 meters 18°28′N 83°51′W
40 meters 18°29′N 84°17′W
31 meters 18°25′N 84°10′W
18 meters 18°44′N 84°07′W
(MCNM8169/88)

402 (INT 402) 4Ed. 5/25/85 LAST NM 48/88 50/88
Delete Depths
112 meters 17°26′N 71°44′W
43 meters 16°50′N 61°40′W
37 meters 16°45′N 61°41′W
35 meters 16°38′N 61°34′W
44 meters 16°39′N 61°31′W
24 meters 16°34′N 61°36′W
(MCNM8169/88)

402 (INT 402) 4Ed. 5/25/85 LAST NM 50/88 11/89
Add Depth 25 meters “Rep (1987)” 20°14.9′N 69°14.4′W
(MCNM1030/89)

402 (INT 402) 4Ed. 5/25/85 LAST NM 11/89 38/89
Delete Depth 108 meters 21°48′N 76°18′W
Add Depth 16 meters enclosed by
danger circle 21°50′N 76°19′W
(MCNM1102/89)

402 (INT 402) 4Ed. 5/25/85 LAST NM 38/89 23/90
Add Depth 18 meters 18°47.0′N 83°14.0′W
(25(58)89 Brest)

402 (INT 402) 4Ed. 5/25/85 LAST NM 23/90 51/90
Delete Depths
75 meters 18°51′N 68°24′W
60 meters 18°52′N 68°14′W
9 meters 18°29′N 68°19′W
22 meters “Rep (1979)” (PA) 18°33′N 68°07′W
(MCNM1058/90)

402 (INT 402) 4Ed. 5/25/85 LAST NM 51/90 34/91
Add Depth 153 meters “Rep (1991)” 18°20.0′N 67°45.0′W
(25(1829)91 Taunton)

402 (INT 402) 4Ed. 5/25/85 LAST NM 34/91 7/92
Add Depths
161 meters “Rep (1978)” (PA) 12°58′N 59°34′W
77 meters “Rep (1975)” 12°55′N 59°36′W
(MCC1168/92; 1(107)79 Taunton)

402 (INT 402) 4Ed. 5/25/85 LAST NM 7/92 24/93
Substitute Depth 204 meters for 293 meters 13°46′N 81°18′W

Add Depth 835 meters 13°28′N 81°00′W
(Col CH 004)

★**402** (INT 402) 4Ed. 5/25/85 LAST NM 24/93 49/93
Delete Dangerous wreck 18°33.3′N 75°38.0′W

Add Dangerous wreck 18°33.3′N 75°45.4′W
(39(511)93 's-Gravenhage)

402 (INT 402) 4Ed. 5/25/85 LAST NM 49/93 51/93
Add Depth 29 meters enclosed by
depth contour (30-meter) 17°47′N 75°52′W
(33(533)93 Hamburg)

402 (INT 402) 4Ed. 5/25/85 LAST NM 51/93 32/94
Delete R Bn at light 21°52′N 84°57′W

Add Light symbol 22°14′N 83°34′W
(1(18), 2(36)94 Habana)

402 (INT 402) 4Ed. 5/25/85 LAST NM 32/94 46/94
Add Superbuoy ODAS “41018” Y, Fl(4) Y 20s 15°00′N 75°00′W
(35/94 CG7)

402 (INT 402) 4Ed. 5/25/85 LAST NM 46/94 12/96
Delete R Bn at light 22°03′N 80°26′W
(5(103)95 Habana)

402 (INT 402) 4Ed. 5/25/85 LAST NM 12/96 13/96
Delete Superbuoy ODAS “41018” 15°00′N 75°00′W
(8/96 CG7)

402 (INT 402) 4Ed. 5/25/85 LAST NM 13/96 42/96
Delete R Bn (AERO) 12°13′N 69°04′W
(BA RA)

402 (INT 402) 4Ed. 5/25/85 LAST NM 42/96 45/96
Delete Light 18°24′N 75°00′W

Add Light symbol 10°45′N 62°43′W
(37/96 CG7; 28/96 Caracas)

402 (INT 402) 4Ed. 5/25/85 LAST NM 45/96 23/97
Delete R Bn (AERO) at light 22°41′N 78°53′W
(9(222)96 Habana)

402 (INT 402) 4Ed. 5/25/85 LAST NM 23/97 49/98
Delete R Bn (AERO) 16°16′N 61°32′W
(BA RA)

402 (INT 402) 4Ed. 5/25/85 LAST NM 49/98 7/01
Delete Light 12°37′N 70°03′W
Light 11°59′N 68°39′W
Light 12°25′N 69°52′W
(42(482)00 ’s-Gravenhage)

402 (INT 402) 4Ed. 5/25/85 LAST NM 7/01 27/04
Delete Depth 8 meters and enclosing dotted-line circle 16°58′N 83°15′W

Add Depth 26 meters 16°54′N 83°20′W
(NTM0012/2004)

402 (INT 402) 4Ed. 5/25/85 LAST NM 27/04 28/06
Add Depth 390 meters 23°07′N 79°16′W
(NTM0007/2005)

402 (INT 402) 4Ed. 5/25/85 LAST NM 28/06 42/06
Add Depth 9 meters Wk [K26] 16°21.0′N 80°20.5′W
(33(3834)05 Taunton)

402 (INT 402) 4Ed. 5/25/85 LAST NM 42/06 50/06
Add Depth 7 meters Obstn [K41] “Rep (2006)” 16°29′N 81°22′W
Depth 7 meters Obstn [K41] “Rep (2006)” 16°23′N 81°19′W
(43(4946)06 Taunton)

402 (INT 402) 4Ed. 5/25/85 LAST NM 50/06 8/07
Delete Depth 13 meters 20°09.0′N 68°50.0′W

Add Depth 8 meters 20°07.5′N 68°51.0′W

Depth 63 meters, blue tint and enclosing dotted-line circle 20°02.8′N 69°21.7′W
(46(5388)05 Taunton)

402 (INT 402) 4Ed. 5/25/85 LAST NM 8/07 9/07
Add Light symbol [P1] 12°25′N 69°52′W
(12(1538)05 Taunton)

★**411** 52Ed. 9/07 NEW EDITION 49/07
(NOS)

411 52Ed. 9/07 LAST NM 49/07 50/07
Delete Light 30°03′N 88°53′W
(44/07 CG8)

★**500** (INT 810) 8Ed. 6/03 NEW EDITION 32/03
(NOS)

500 (INT 810) 8Ed. 6/03 LAST NM 32/03 34/03
Relocate Superbuoy ODAS “46066” from 52°38′N 155°00′W to 53°15′N 155°09′W

Add Superbuoy ODAS [Q58] “46061” Y, Fl(4) Y 20s 60°13′N 145°49′W
Superbuoy ODAS [Q58] “46080” Y, Fl(4) Y 20s 58°00′N 150°00′W
Superbuoy ODAS [Q58] “46082” Y, Fl(4) Y 20s 59°37′N 143°40′W
Superbuoy ODAS [Q58] “46084” Y, Fl(4) Y 20s 56°35′N 136°10′W
(26/03 CG17)

500 (INT 810) 8Ed. 6/03 LAST NM 34/03 41/03
Delete Superbuoy ODAS “46061” 60°13′N 145°49′W
(See 34/03-500)

Add Superbuoy ODAS [Q58] “46061” Y, Fl(4) Y 20s 60°13′N 146°49′W
(NTM0022/2003)

500 (INT 810) 8Ed. 6/03 LAST NM 41/03 44/04
Relocate Superbuoy ODAS “46066” from 53°15′N 155°09′W to 52°42′N 155°01′W
(34/04 CG17)

500 (INT 810) 8Ed. 6/03 LAST NM 44/04 10/06
Add Danger circle [K1] “Subm buoy (cov 20m)” 50°02′N 144°56′W

Dashed line circle with legend “Subm buoy (cov 200m)” 49°58′N 145°02′W
(NTM0010/2006)

500 (INT 810) 8Ed. 6/03 LAST NM 10/06 38/07
Relocate Superbuoy ODAS “46145” from 54°23.0′N 132°27.0′W to 54°22.0′N 132°24.9′W
(2(3802)07 Ottawa)

500 (INT 810) 8Ed. 6/03 LAST NM 38/07 3/08
Delete Depth 15 meters 53°19′N 135°40′W

Add Depth 25 meters 53°18′N 135°39′W
(NOS)

★**501** (INT 801) 12Ed. 11/02 NEW EDITION 9/03
Change Legend to “Subm buoys (cov 698m rep)” (PA) 32°06′N 126°54′W
(Previously published 6/03)

Add Dashed-line circle with legend “Obstn (cov 486m)” 33°02′N 121°00′W
(Previously published 6/03)
(NOS)

501 (INT 801) 12Ed. 11/02 LAST NM 9/03 10/03
Delete Superbuoy ODAS “46011” 34°53′N 120°52′W
(4/03 CG11)

501 (INT 801) 12Ed. 11/02 LAST NM 10/03 18/03
Relocate Superbuoy ODAS “46005” from 46°06′N 131°00′W to 46°03′N 131°01′W

Add Buoy Fl Y 4s (Priv) (PD 42°54′N 130°54′W
Buoy Fl Y 4s (Priv) (PD) 45°52′N 128°46′W
(5/03 CG13)

501 (INT 801) 12Ed. 11/02 LAST NM 18/03 21/03
Add Superbuoy ODAS [Q58] “46011” Y, Fl(4) Y 20s (PA) 34°53′N 120°52′W
(See 10/03-501)
(14/03 CG11)

501 (INT 801) 12Ed. 11/02 LAST NM 21/03 22/03
Delete Legend “Strobe” 46°11′N 124°11′W
(9/03 CG13)

501 (INT 801) 12Ed. 11/02 LAST NM 22/03 24/03
Delete R Bn at light 49°23′N 126°33′W
(Can LL)

501 (INT 801) 12Ed. 11/02 LAST NM 24/03 40/03
Relocate Superbuoy ODAS “46012” from 37°27′N 122°42′W to 37°22′N 122°53′W
(35/03 CG11)

★**501** (INT 801) 12Ed. 11/02 LAST NM 24/03 41/03
Relocate Superbuoy ODAS “46006” from 40°56′N 137°29′W to 40°48′N 137°29′W

Add Buoy Fl Y 4s (PD) 45°31′N 127°36′W
(30/03 CG11; 30/03 CG13)

501 (INT 801) 12Ed. 11/02 LAST NM 41/03 4/04
Relocate Superbuoy ODAS “46059” from 37°58′N 129°59′W to 38°00′N 129°57′W
(46/03 CG11)

501 (INT 801) 12Ed. 11/02 LAST NM 4/04 6/04
Add Wreck [K29] 48°14′N 125°53′W
(48/03 CG13)

501 (INT 801) 12Ed. 11/02 LAST NM 6/04 11/04
Add Superbuoy ODAS [Q58] “46069” Y, Fl(4) Y 20s 33°39′N 120°12′W
(52/03 CG11)

501 (INT 801) 12Ed. 11/02 LAST NM 11/04 19/04
Delete Buoy 32°38′N 117°27′W
(NTM0002/2004)

501 (INT 801) 12Ed. 11/02 LAST NM 19/04 35/04
Relocate Superbuoy ODAS “46002” from
42°31′N 130°19′W to 42°35′N 130°22′W
(27/04 CG13)

501 (INT 801) 12Ed. 11/02 LAST NM 35/04 50/04
Add Danger circle [K40] “Subm buoys” 47°27′N 125°08′W
(42/04 CG13)

501 (INT 801) 12Ed. 11/02 LAST NM 50/04 1/05
Delete Superbuoy ODAS “46062” 35°06′N 121°01′W
(47/04 CG11)

501 (INT 801) 12Ed. 11/02 LAST NM 1/05 8/05
Add Superbuoy ODAS [Q58] “46089” Y,
Fl(4) Y 20s 45°53′N 125°46′W
(46/04 CG13)

501 (INT 801) 12Ed. 11/02 LAST NM 8/05 15/05
Add Submarine cable [L30.1] between 34°21′N 120°16′W
34°28′N 120°03′W
(NOS)

501 (INT 801) 12Ed. 11/02 LAST NM 15/05 19/05
Add Wreck [K29] (PA) 33°27′N 119°47′W
(NTM0006/2005)

501 (INT 801) 12Ed. 11/02 LAST NM 19/05 51/05
Add Depth 15 meters 53°19′N 135°40′W
(NTM0012/2005)

501 (INT 801) 12Ed. 11/02 LAST NM 51/05 2/06
Relocate Superbuoy ODAS “46015” from
42°48′N 124°49′W to 42°45′N 124°51′W
(NOS)

501 (INT 801) 12Ed. 11/02 LAST NM 2/06 5/06
Delete Light symbol 43°20′N 124°23′W
(1/06 CG13)

501 (INT 801) 12Ed. 11/02 LAST NM 5/06 10/06
Add Legend to “Obstns (cov 454m)” 32°06′N 126°54′W
(NOS)

501 (INT 801) 12Ed. 11/02 LAST NM 10/06 18/06
Substitute Depth 190 meters for 296 meters 33°00′N 119°33′W

Add Depth 62 meters 32°39′N 117°58′W
Depth 89 meters 32°05′N 118°10′W
(NTM0023/2006)

501 (INT 801) 12Ed. 11/02 LAST NM 18/06 24/06
Add Wreck [K29] 33°33′N 118°32′W
(NOS)

501 (INT 801) 12Ed. 11/02 LAST NM 24/06 31/06
Relocate Superbuoy ODAS “46022” from
40°44′N 124°32′W to 40°47′N 124°33′W
(3/06 CG11)

501 (INT 801) 12Ed. 11/02 LAST NM 31/06 47/06
Relocate Superbuoy ODAS “46005” from
46°03′N 131°01′W to 46°01′N 130°58′W

Change Legend “Obstns (cov 454m)” to “Obstn (cov
713m)” 32°06′N 126°54′W
(Supersedes 10/06-501)

Add Dashed-line circle with legend “Subm buoy
(cov 1364m)” 36°18′N 122°24′W

Dashed-line circle with legend “Obstn (cov
454m)” 32°06′N 126°55′W
(49/01 CG11; 15/06 CG13; NTM0010/2006)

501 (INT 801) 12Ed. 11/02 LAST NM 47/06 8/07
Add Superbuoy ODAS [Q58] “46419” Y,
Fl(4) Y 20s 48°29′N 129°22′W
(34/06 CG13)

501 (INT 801) 12Ed. 11/02 LAST NM 8/07 11/07
Delete Danger circle “Obstn” 37°28′N 122°49′W
(NOS)

501 (INT 801) 12Ed. 11/02 LAST NM 11/07 12/07
Relocate Superbuoy ODAS “46012” from
37°24′N 122°43′W to 37°21′N 122°53′W
(4/07 CG11)

501 (INT 801) 12Ed. 11/02 LAST NM 12/07 19/07
Add Superbuoy ODAS [Q58] “46411” Y,
Fl (4) Y 20s 39°20′N 127°00′W
Superbuoy ODAS [Q58] “46412” Y,
Fl (4) Y 20s 32°15′N 120°42′W
(12/07 CG11)

501 (INT 801) 12Ed. 11/02 LAST NM 19/07 32/07
Delete Legend “DIXON ENTRANCE” in vicinity
38°22′N 128°49′W
(NOS)

501 (INT 801) 12Ed. 11/02 LAST NM 32/07 34/07
Relocate Superbuoy ODAS “46015” from
42°45′N 124°51′W to 42°45′N 124°50′W

Add Superbuoy ODAS [Q58] “46013” Y,
Fl(4) Y 20s 38°14′N 123°19′W
(26/07 CG11; 23/07 CG13)

501 (INT 801) 12Ed. 11/02 LAST NM 34/07 38/07
Relocate Superbuoy ODAS “46145” from
54°23′N 132°27′W to 54°22′N 132°25′W
(2(3802)07 Ottawa)

★**501** (INT 801) 12Ed. 11/02 LAST NM 38/07 46/07
Relocate Superbuoy ODAS “46006” from
40°48′N 137°29′W to 40°53′N 137°27′W
(33/07 CG11)

501 (INT 801) 12Ed. 11/02 LAST NM 46/07 3/08
Delete Depth 15 meters 53°19′N 135°40′W

Add Depth 25 meters 53°18′N 135°39′W
(NOS)

★**502** (INT 802) 2Ed. 7/23/83 NEW EDITION 40/83
Add Depth 302 meters “Rep (1983)” 19°11.5′N 105°00.0′W
(Previously published 37/83)

Add Depth 637 meters “Rep (1983)” 30°58′N 116°40′W
(Previously published 39/83)
(DMAHTC)

502 (INT 802) 2Ed. 7/23/83 LAST NM 40/83 43/83
Substitute Depth 803 meters for 244 meters 29°13′N 116°19′W
(NVS6883/83)

502 (INT 802) 2Ed. 7/23/83 LAST NM 43/83 51/83
Add Depths
92 meters “Rep (1983)” 22°16′30″N 106°16′30″W
122 meters “Rep (1983)” 22°22′45″N 106°18′15″W
202 meters “Rep (1983)” 22°29′30″N 106°20′30″W
(NVS7119/83)

502 (INT 802) 2Ed. 7/23/83 LAST NM 51/83 2/84
Add Chartlet, depicting changes in
hydrography, from back of Section I 30°41′N 122°50′W
(US CH E1306)

502 (INT 802) 2Ed. 7/23/83 LAST NM 2/84 5/84
Add Depths
476 meters “Rep (1983)” 29°54.9′N 116°05.6′W
55 meters “Rep (1983)” 24°47.0′N 112°28.1′W
(NVS7162/84)

502 (INT 802) 2Ed. 7/23/83 LAST NM 5/84 27/84
Delete R Bn (AERO) 31°18′N 113°32′W
(US RA)

502 (INT 802) 2Ed. 7/23/83 LAST NM 27/84 34/85
Add Purple dashed lines
(recommended route)
between 35°00.0′N 123°00.0′W
37°01.0′N 124°25.0′W

between 36°30.0′N 124°25.0′W
35°00.0′N 123°23.0′W

between 37°57.3′N 123°03.2′W
38°20.0′N 123°40.0′W

between 38°20.0′N 123°55.0′W
37°54.6′N 123°05.3′W

Note
"NOTE A
US Trans-Alaskan Pipeline
System (TAPs) routes are recommended
for safe routing of tank vessels between
the Port of Valdez AK and US west
coast ports. These are not IMO
adopted recommended routes." 37°30.0′N 120°00.0′W

Legend "See Note A" 36°30.0′N 124°10.0′W

Purple open-outlined arrows indicating
flow of traffic oriented
330.1° 36°00.0′N 123°30.0′W
150.1° 36°00.0′N 124°15.0′W
305.5° 38°15.0′N 123°20.0′W
125.2° 38°00.0′N 123°30.0′W
(HNNM7457/85)

502 (INT 802) 2Ed. 7/23/83 LAST NM 34/85 38/85
Add Depth 478 meters (PA) 22°44.3′N 107°34.4′W
(HNNM7565/85)

502 (INT 802) 2Ed. 7/23/83 LAST NM 38/85 52/85
Change International chart number "INT 502"
to "INT 802" in margins (4) of chart
(HNNM7637/85)

502 (INT 802) 2Ed. 7/23/83 LAST NM 52/85 15/86
Add Depth 180 meters "Rep (1986)" 24°45′N 110°10′W
(HNNM7737/86)

502 (INT 802) 2Ed. 7/23/83 LAST NM 15/86 51/87
Delete Buoy 34°06′N 120°32′W
(46/87 CG11)

502 (INT 802) 2Ed. 7/23/83 LAST NM 51/87 27/88
Add Depth 468 meters "Rep (1987)" (PA) 29°37′N 116°52′W
(MCNM8109/88)

502 (INT 802) 2Ed. 7/23/83 LAST NM 27/88 39/88
Substitute Depth 626 meters for 1544 meters 16°04′N 108°37′W
(MCNM8144/88)

502 (INT 802) 2Ed. 7/23/83 LAST NM 39/88 27/89
Delete Depth 21 meters 30°00′N 124°05′W

Purple dashed lines (recommended
route) and directional arrows
in vicinity 36°00′N 123°40′W
38°05′N 123°20′W

Legend "See Note A" 36°30′N 124°10′W

Note A 37°30′N 120°00′W
(See 2/84-502)
(MCNM1068, 1070/89)

502 (INT 802) 2Ed. 7/23/83 LAST NM 27/89 33/89
Add Depth 450 meters 31°17′N 118°41′W
(MCNM1083/89)

502 (INT 802) 2Ed. 7/23/83 LAST NM 33/89 36/89
Add Depth 456 meters 29°03′N 116°09′W
(MCNM1093/89)

502 (INT 802) 2Ed. 7/23/83 LAST NM 36/89 23/91
Add Superbuoy ODAS "46023" Y, Fl(4) Y 20s
34°15.2′N 120°39.7′W
(MCNM1098/91)

502 (INT 802) 2Ed. 7/23/83 LAST NM 23/91 33/91
Delete Depth 60 meters, dotted-line circle,
blue tint and legend "Subm Obstr" 32°44′N 117°35′W
32°10′N 117°51′W
(CL509/91)

502 (INT 802) 2Ed. 7/23/83 LAST NM 33/91 3/92
Add Superbuoys, each ODAS Y, Fl(4) Y 20s
"46047" 32°41.2′N 119°35.3′W
"46048" 32°53.8′N 117°52.5′W
(MCC1151/91)

502 (INT 802) 2Ed. 7/23/83 LAST NM 3/92 12/93
Delete R Bn at light 33°51.0′N 118°24.6′W
(7/93 CG11)

502 (INT 802) 2Ed. 7/23/83 LAST NM 12/93 31/93
Add Depth 5 meters enclosed by danger circle
30°53.8′N 116°43.3′W
(23(1992)93 Taunton)

502 (INT 802) 2Ed. 7/23/83 LAST NM 31/93 33/93
Delete R Bn at light 34°35′N 120°38′W
(29/93 CG11)

502 (INT 802) 2Ed. 7/23/83 LAST NM 33/93 34/93
Add Depth 16.4 meters "Rep (1986)" (PA) 27°23′N 114°44′W
(MCC1269/93)

502 (INT 802) 2Ed. 7/23/83 LAST NM 34/93 36/93
Add Depth 11 meters enclosed by
danger circle 23°02′N 110°16′W
24°55′N 112°29′W
(17(1444, 1445)93 Taunton)

502 (INT 802) 2Ed. 7/23/83 LAST NM 36/93 38/93
Add Superbuoy ODAS "46053" Y, Fl(4) Y 20s
34°14′N 119°51′W
(34/93 CG11)

502 (INT 802) 2Ed. 7/23/83 LAST NM 38/93 43/93
Delete Superbuoy ODAS
"46048" 32°54′N 117°53′W
"46047" 32°41′N 119°36′W

Add Superbuoy ODAS "46054" Y, Fl(4) Y 20s
34°16.1′N 120°26.9′W
(36/93 CG11)

502 (INT 802) 2Ed. 7/23/83 LAST NM 43/93 3/94
Delete R Bn at light 35°42′N 121°17′W
(50/93 CG11)

502 (INT 802) 2Ed. 7/23/83 LAST NM 3/94 5/94
Delete R Bn at light 38°00′N 123°00′W

Add Superbuoy ODAS "46012" Y, Fl(4) Y 20s
37°23′N 122°43′W
(51/93 CG11)

502 (INT 802) 2Ed. 7/23/83 LAST NM 5/94 16/94
Delete R Bn at light 36°18.4′N 121°53.0′W
36°36.0′N 121°56.0′W
(10/94 CG11)

502 (INT 802) 2Ed. 7/23/83 LAST NM 16/94 18/94
Delete R Bn at light 37°42′N 123°00′W
(12/94 CG11)

502 (INT 802) 2Ed. 7/23/83 LAST NM 18/94 21/94
Add Superbuoy ODAS "46026" Y,
Fl(4) Y 20s 37°45′N 122°49′W
(16/94 CG11)

502 (INT 802) 2Ed. 7/23/83 LAST NM 21/94 23/95
Add Light symbol 25°17′N 112°07′W
(4/94 Mexico, D.F.)

502 (INT 802) 2Ed. 7/23/83 LAST NM 23/95 26/95
Delete R Bn at light 32°40′N 117°15′W
(20/95 CG11)

502 (INT 802) 2Ed. 7/23/83 LAST NM 26/95 27/95
Delete R Bn at light 37°11′N 122°23′W
(21/95 CG11)

502 (INT 802) 2Ed. 7/23/83 LAST NM 27/95 28/95
Delete R Bn 34°25′N 119°42′W
(23/95 CG11)

502 (INT 802) 2Ed. 7/23/83 LAST NM 28/95 29/95
Delete R Bn at light 35°22′N 120°49′W
(24/95 CG11)

502 (INT 802) 2Ed. 7/23/83 LAST NM 29/95 31/95
Delete R Bn at light 34°15′N 119°16′W
(26/95 CG11)

502 (INT 802) 2Ed. 7/23/83 LAST NM 31/95 34/95
Delete R Bn at light 35°10′N 120°46′W
(29/95 CG11)

502 (INT 802) 2Ed. 7/23/83 LAST NM 34/95 35/95
Add Depth 183 meters 32°42′N 117°42′W
(MCC046/95)

502 (INT 802) 2Ed. 7/23/83 LAST NM 35/95 38/95
Delete R Bn 33°21′N 118°20′W
(32/95 CG11)

502 (INT 802) 2Ed. 7/23/83 LAST NM 38/95 44/95
Delete R Bn at light 33°27′N 117°42′W
(37/95 CG11)

502 (INT 802) 2Ed. 7/23/83 LAST NM 44/95 47/96
Delete R Bn at light 31°48′N 116°50′W
R Bn 31°42′N 116°38′W
(GIMM049/96)

502 (INT 802) 2Ed. 7/23/83 LAST NM 47/96 49/96
Delete Superbuoy ODAS “46023” 34°15′N 120°40′W
(44/96 CG11)

502 (INT 802) 2Ed. 7/23/83 LAST NM 49/96 8/97
Delete Superbuoy ODAS “46053” 34°14′N 119°51′W
(3/97 CG11)

502 (INT 802) 2Ed. 7/23/83 LAST NM 8/97 29/97
Add Superbuoy ODAS “46023” Y, Fl(4) Y 20s 34°43′N 120°58′W
(25/97 CG11)

502 (INT 802) 2Ed. 7/23/83 LAST NM 29/97 33/97
Add Superbuoy ODAS, each Y
“46024” QY 34°29′N 120°42′W
“46028” Fl(4) Y 20s 34°44′N 121°53′W
“46062” Fl(4) Y 20s 35°06′N 121°01′W
(29/97 CG11)

502 (INT 802) 2Ed. 7/23/83 LAST NM 33/97 8/98
Delete Superbuoy ODAS “46028” 34°44′N 121°53′W
(See 33/97-502)

Add Superbuoy ODAS “46028” Y, Fl(4) Y 20s 35°44′N 121°53′W
(GIMM001/98)

502 (INT 802) 2Ed. 7/23/83 LAST NM 8/98 42/98
Delete Superbuoy ODAS “46012” 37°23′N 122°43′W
Add Dashed-line circle with legend
“Subm buoy (cov 1205m)” 35°46′N 122°42′W
“Subm buoys (cov 400m)” 36°17′N 122°29′W
“Subm buoy (cov 200m)” 36°16′N 122°28′W
(35/98 CG11; GIMM001/98)

502 (INT 802) 2Ed. 7/23/83 LAST NM 42/98 48/98
Add Superbuoys ODAS, each Y, Fl(4) Y 20s
“46063” 34°15′N 120°40′W
“46053” 34°14′N 119°51′W
(42/98 CG11)

502 (INT 802) 2Ed. 7/23/83 LAST NM 48/98 23/99
Add Superbuoy ODAS “46012” Y,
Fl(4) Y 20s 37°24′N 122°43′W
(See 42/98-502)
(GIMM021/99)

502 (INT 802) 2Ed. 7/23/83 LAST NM 23/99 33/99
Add Superbuoy ODAS “46047” Y, Fl(4) Y 20s 32°26′N 119°32′W
(NTM0003/1999)

502 (INT 802) 2Ed. 7/23/83 LAST NM 33/99 40/99
Delete Dashed-line circle and legend
“Subm buoys (cov 400m)” 36°17′N 122°29′W

Dashed-line circle and legend
“Subm buoy (cov 200m)” 36°16′N 122°28′W
(See 42/98-502)
(NTM0005/1999)

502 (INT 802) 2Ed. 7/23/83 LAST NM 40/99 52/02
Add Depth 13 meters “Rep (2002)” [I3.2] 24°42′N 110°18′W
(NTM0007/2002)

502 (INT 802) 2Ed. 7/23/83 LAST NM 52/02 40/03
Add Superbuoy ODAS [Q58] “46012” Y,
Fl(4) Y 20s 37°22′N 122°53′W
(35/03 CG11)

502 (INT 802) 2Ed. 7/23/83 LAST NM 40/03 44/03
Add Wreck [K29] 31°16′N 119°31′W
Wreck [K29] 31°27′N 119°43′W
(NTM0006/2003)

502 (INT 802) 2Ed. 7/23/83 LAST NM 44/03 11/04
Add Superbuoy ODAS [Q58] “46069” Y,
Fl(4) Y 20s 33°39′N 120°12′W
(52/03 CG11)

502 (INT 802) 2Ed. 7/23/83 LAST NM 11/04 42/04
Add Wreck [K29] 31°02′N 119°42′W
(NTM0012/2004)

502 (INT 802) 2Ed. 7/23/83 LAST NM 42/04 1/05
Delete Superbuoy ODAS “46062” 35°06′N 121°01′W
Buoy (undesignated) 33°24′N 119°45′W
(45, 47/04 CG11)

502 (INT 802) 2Ed. 7/23/83 LAST NM 1/05 19/05
Add Wreck [K29] (PA) 33°27′N 119°47′W
(NTM0006/2005)

502 (INT 802) 2Ed. 7/23/83 LAST NM 19/05 18/06
Substitute Depth 62 meters for 75 meters 32°39′N 117°58′W

Add Depth 36 meters 32°51′N 117°20′W
Depth 89 meters 32°05′N 118°10′W
Depth 190 meters 33°00′N 119°33′W
(NTM0023/2006)

502 (INT 802) 2Ed. 7/23/83 LAST NM 18/06 24/06
Add Wreck [K29] 33°33′N 118°32′W
(NOS)

502 (INT 802) 2Ed. 7/23/83 LAST NM 24/06 30/06
Add Depth 526 meters “Rep (2005)” 31°22′N 118°37′W
(NTM0019/2005)

502 (INT 802) 2Ed. 7/23/83 LAST NM 30/06 47/06
Add Dashed-line circle with legend "Subm buoy (cov 1364m)" 36°18′N 122°24′W
(NTM0010/2006)

★**502** (INT 802) 2Ed. 7/23/83 LAST NM 47/06 4/07
Delete Depth 388 meters 25°39′N 119°21′W

Add Depth 399 meters 25°20′N 119°31′W
Depth 737 meters 25°42′N 119°38′W
(NTM0042/2006)

502 (INT 802) 2Ed. 7/23/83 LAST NM 4/07 19/07
Add Superbuoy ODAS [Q58] "46412" Y, Fl(4) Y 20s 32°15′N 120°42′W
(12/07 CG11)

502 (INT 802) 2Ed. 7/23/83 LAST NM 19/07 34/07
Add Superbuoy ODAS [Q58] "46013" Y, Fl(4) Y 20s 38°14′N 123°19′W
(26/07 CG11)

502 (INT 802) 2Ed. 7/23/83 LAST NM 34/07 46/07
Substitute Depth 621 meters for 399 meters 25°20′N 119°31′W
Depth 886 meters for 737 meters 25°42′N 119°38′W
(See 4/07-502)

Add Depth 3598 meters 25°44′N 119°25′W
Depth 3672 meters 25°40′N 119°21′W
Depth 3390 meters 25°33′N 119°20′W
Depth 3266 meters 25°24′N 119°20′W
Depth 3449 meters 25°26′N 119°39′W
(NTM0026/2007)

★**503** (INT 811) 4Ed. 7/27/96 NEW EDITION 37/96
(DMA)

503 (INT 811) 4Ed. 7/27/96 LAST NM 37/96 14/97
Delete Depths
269 meters 16°10′N 86°50′W
189 meters 16°11′N 87°03′W
212 meters 16°12′N 87°13′W
(GIMM019/97)

503 (INT 811) 4Ed. 7/27/96 LAST NM 14/97 30/97
Delete Light symbol 16°08′N 86°53′W
16°23′N 86°24′W
(17(1506)97 Taunton)

503 (INT 811) 4Ed. 7/27/96 LAST NM 30/97 12/00
Add Light symbol 5°43′N 77°17′W
(16/99 Bogota)

503 (INT 811) 4Ed. 7/27/96 LAST NM 12/00 1/04
Add Legend "Reported Extinguished" to light 7°28′N 82°14′W
(NTM0003/2003)

503 (INT 811) 4Ed. 7/27/96 LAST NM 1/04 27/04
Delete Depth 8 meters and enclosing dotted-line circle 16°56′N 83°15′W

Add Depth 26 meters 16°54′N 83°20′W
(NTM0012/2004)

503 (INT 811) 4Ed. 7/27/96 LAST NM 27/04 18/05
Add Depth 108 meters "(Rep 1997)" [I3.2] 4°58′N 82°10′W
(NTM0015/2005)

503 (INT 811) 4Ed. 7/27/96 LAST NM 18/05 12/06
Add Depth 1939 meters 9°15′N 91°27′W
Depth 1575 meters 3°33′N 93°25′W
(NTM0014/2006)

503 (INT 811) 4Ed. 7/27/96 LAST NM 12/06 34/06
Add "Marine Reserve" area [N22] bound by purple composite line joining 2°05′S 92°18′W
2°41′S 90°42′W
2°46′S 89°28′W
2°35′S 88°48′W
1°04′S 87°53′W
0°40′S 87°54′W
0°10′S 88°00′W
1°28′N 89°03′W
2°29′N 92°22′W
1°46′N 92°42′W
1°34′S 92°42′W

Legend "PSSA & ATBA (see Note)" between
1°55′N 91°00′W
1°35′N 89°45′W

Note
"Note
PARTICULARLY SENSITIVE SEA AREA
(PSSA) AND AREA TO BE AVOID (ATBA)"
16°17′N 91°55′W
(15(151)06 Wellington)

503 (INT 811) 4Ed. 7/27/96 LAST NM 34/06 50/06
Add Depth 7 meters Obstn [K41] "Rep (2006)" 16°29′N 81°22′W
Depth 7 meters Obstn [K41] "Rep (2006)" 16°23′N 81°19′W
(43(4946)06 Taunton)

503 (INT 811) 4Ed. 7/27/96 LAST NM 50/06 1/07
Add Legend "Seamounts, lesser depths to 318m rep" 12°25′N 91°45′W
(NTM0042/2006)

503 (INT 811) 4Ed. 7/27/96 LAST NM 1/07 4/07
Delete Depth 256 meters and enclosing dotted-line circle 5°25′N 88°35′W

Add Depth 230 meters 5°29′N 88°34′W
(NTM0042/2006)

503 (INT 811) 4Ed. 7/27/96 LAST NM 4/07 7/07
Add Depth 1262 meters 2°38′N 91°23′W
(NTM0008/2006)

503 (INT 811) 4Ed. 7/27/96 LAST NM 7/07 45/07
Substitute Depth 237 meters for 230 meters 5°29′N 88°34′W
(See 4/07-503)
(NTM0026/2007)

503 (INT 811) 4Ed. 7/27/96 LAST NM 7/07 47/07
Add Depth 524 meters 6°29′N 81°53′W
Depth 679 meters 8°19′N 85°01′W
(NTM0026/2007)

503 (INT 811) 4Ed. 7/27/96 LAST NM 47/07 50/07
Add Depth 705 meters 3°52′N 89°14′W
(NTM0026/2007)

★**504** (INT 809) 4Ed. 2/19/83 NEW EDITION 18/83
(DMAHTC)

504 (INT 809) 4Ed. 2/19/83 LAST NM 18/83 52/84
Add Superbuoys, each ODAS, yellow, Fl(4) Y 20s
"51002" 17°11.4′N 157°49.8′W
"51003" 19°11.0′N 160°49.2′W
"51004" 17°31.9′N 152°37.1′W
(39, 46, 47/84 CG14)

504 (INT 809) 4Ed. 2/19/83 LAST NM 52/84 19/85
Add Depth 225 meters "Rep (1984)" 9°29′N 160°58′W
(NVS7391/85)

504 (INT 809) 4Ed. 2/19/83 LAST NM 19/85 52/85
Change International chart number "INT 504" to "INT 809" in margins (4) of chart

Add Superbuoy ODAS, "51005", yellow Fl(4) Y 20s 20°21′N 156°04′W
(49/85 CG14, HNNM7637/85)

504 (INT 809) 4Ed. 2/19/83 LAST NM 52/85 12/86
Delete Depth 11 meters 23°00′N 162°00′W
(HNNM7706/86)

504 (INT 809) 4Ed. 2/19/83 LAST NM 12/86 36/87
Add Light flare symbol 21°35′N 158°16′W
Superbuoy ODAS “51001”,
yellow, Fl(4) Y 20s 23°26′N 162°18′W
(26/87 CG14)

504 (INT 809) 4Ed. 2/19/83 LAST NM 36/87 46/87
Add Light Fl 10s 174ft 25M 22°14′N 159°24′W
(32/87 CG14)

504 (INT 809) 4Ed. 2/19/83 LAST NM 46/87 11/88
Add Depth 478 meters 21°54′N 159°56′W
(MCNM8066/88)

504 (INT 809) 4Ed. 2/19/83 LAST NM 11/88 37/89
Add Depth 74 meters “Rep (1974)” 27°43′N 175°35′W
(MCNM1071/89)

504 (INT 809) 4Ed. 2/19/83 LAST NM 37/89 22/91
Relocate Superbuoy ODAS “51004”
(17°31.9′N 152°37.1′W) to 17°32.3′N 152°28.7′W
(10/91 CG14)

504 (INT 809) 4Ed. 2/19/83 LAST NM 22/91 23/91
Relocate Superbuoy ODAS “51002”
(17°11.4′N 157°49.8′W) to 17°09.9′N 157°49.2′W
(MCNM1098/91)

504 (INT 809) 4Ed. 2/19/83 LAST NM 23/91 34/91
Relocate Superbuoy ODAS “51004”
(17°32.3′N 152°28.7′W) to 17°26.1′N 152°20.4′W
(See 22/91-504)
(30/91 CG14)

504 (INT 809) 4Ed. 2/19/83 LAST NM 34/91 36/91
Relocate Superbuoy ODAS “51003”
(19°11.0′N 160°49.2′W) to 19°15.5′N 160°47.3′W
(MCNM1098/91)

504 (INT 809) 4Ed. 2/19/83 LAST NM 36/91 7/92
Delete Depth 395 meters “Rep (1980)” 21°00′N 158°07′W
(CL1147/91)

504 (INT 809) 4Ed. 2/19/83 LAST NM 7/92 13/92
Relocate Superbuoy ODAS “51004”
(17°26.1′N 152°20.4′W) to 17°26.1′N 152°30.4′W
(See 34/91-504)
(10/92 CG14)

504 (INT 809) 4Ed. 2/19/83 LAST NM 13/92 7/93
Add Depth 183 meters “Rep” 28°50′N 178°55′W
(MCC1160/92)

504 (INT 809) 4Ed. 2/19/83 LAST NM 7/93 26/93
Delete Superbuoy ODAS “51005” 20°20.0′N 156°03.1′W
(19/93 CG14)

504 (INT 809) 4Ed. 2/19/83 LAST NM 26/93 33/93
Relocate Superbuoy ODAS “51003”
(19°15.5′N 160°47.3′W) to 19°09.5′N 160°49.3′W
(28/93 CG14)

504 (INT 809) 4Ed. 2/19/83 LAST NM 33/93 12/97
Substitute Depth 399 meters for 862 meters 28°52′N 178°52′W

Add Depth
125 meters 28°54′N 178°37′W
255 meters 28°50′N 179°08′W
(GIMM015/97)

504 (INT 809) 4Ed. 2/19/83 LAST NM 12/97 12/00
Add R Bn (AERO) [S16] 28°12′N 177°23′W
(NOS)

504 (INT 809) 4Ed. 2/19/83 LAST NM 12/00 29/00
Add Depth 3639 meters “Rep (2000)” (PA) 20°34′N 159°23′W
(NTM0013/2000)

504 (INT 809) 4Ed. 2/19/83 LAST NM 29/00 31/00
Add Depth 448 meters “Rep (2000)” 20°24′N 157°01′W
(NTM0013/2000)

504 (INT 809) 4Ed. 2/19/83 LAST NM 31/00 23/04
Change Light to Fl 10s 21M 21°13′N 156°58′W
(16/04 CG14)

504 (INT 809) 4Ed. 2/19/83 LAST NM 23/04 26/04
Relocate Superbuoy ODAS “51002” from
17°07′N 157°49′W to 17°09′N 157°47′W

Add Superbuoy ODAS [Q58] “PICO” Y, Fl Y 4s
(Priv) 20°30′N 158°02′W
(21/04 CG14; NTM0002/2004)

504 (INT 809) 4Ed. 2/19/83 LAST NM 26/04 16/05
Add Depth 865 meters “rep (2005)” 21°44′N 157°46′W
(NTM0013/2005)

504 (INT 809) 4Ed. 2/19/83 LAST NM 16/05 33/05
Add Depth 250 fathoms 21°44′N 158°38′W
(NTM0013/2005)

504 (INT 809) 4Ed. 2/19/83 LAST NM 33/05 29/06
Add Depth 4769 meters “Rep (2005)” 20°28′N 176°31′W
Depth 2902 meters “Rep (2005)” 20°28′N 176°22′W
Depth 4114 meters “Rep (2005)” 22°45′N 176°17′W
Depth 2785 meters “Rep (2005)” 20°44′N 172°33′W
Depth 2522 meters “Rep (2005)” 20°32′N 172°04′W
Depth 1627 meters (PD) 19°17′N 166°10′W
Depth 1609 meters (PD) 19°24′N 165°32′W
Depth 1536 meters (PD) 19°35′N 164°59′W
Depth 1444 meters (PD) 19°36′N 164°28′W
(NTM0024/2006; US CH 19007)

504 (INT 809) 4Ed. 2/19/83 LAST NM 29/06 36/07
Relocate Superbuoy ODAS “51003” from
19°10′N 160°49′W to 19°05′N 160°40′W
(32/07 CG14)

★**505** (INT 617) 2Ed. 4/18/81 NEW EDITION 23/81
(DMAHTC)

505 (INT 617) 2Ed. 4/18/81 LAST NM 23/81 29/81
Delete Light symbol 4°44′N 160°25′W
(22(1199)81 Taunton)

★**505** (INT 617) 2Ed. 4/18/81 LAST NM 29/81 35/82
Delete Danger circle “Breakers” 2°00′S 174°48′W
(NVS6728/82)

505 (INT 617) 2Ed. 4/18/81 LAST NM 35/82 41/82
Delete Danger circle “Breakers (rep 1980)” 6°33.8′N 177°34.0′E
(31(1915)82 Taunton)

505 (INT 617) 2Ed. 4/18/81 LAST NM 41/82 15/83
Substitute Depth 5090 meters for 50 meters 0°00′ 176°28′E
(Jpn CH 2004)

505 (INT 617) 2Ed. 4/18/81 LAST NM 15/83 6/85
Substitute Depth 1418 meters for 1498 meters 8°19′N 159°51′W

Add Danger circle “Breakers Rep (1980)” 6°33.8′N 177°33.0′E
(NVS7383, 7384/85)

505 (INT 617) 2Ed. 4/18/81 LAST NM 6/85 19/85
Add Depth 225 meters “Rep (1984)” 9°29′N 160°58′W
(NVS7391/85)

505 (INT 617) 2Ed. 4/18/81 LAST NM 19/85 52/85
Change International chart number “INT 505”
to “INT 617” in margins (4) of chart

Legend to
“CONTINUED ON INT 809” 10°58′N 172°55′W
(HNNM7637/85)

505 (INT 617) 2Ed. 4/18/81 LAST NM 52/85 52/86
Delete Danger circle 0°51′S 174°45′W

Add Depth 22 meters "Rep (1986)" 1°46′S 174°39′W
(MCNM7846/86)

505 (INT 617) 2Ed. 4/18/81 LAST NM 52/86 7/88
Add Depth 11 meters 1°38′N 173°03′W
(MCNM8048/88)

505 (INT 617) 2Ed. 4/18/81 LAST NM 7/88 43/88
Add Depth 168 meters 2°56′N 158°46′W
(MCNM8152/88)

505 (INT 617) 2Ed. 4/18/81 LAST NM 43/88 33/93
Add R Bn (AERO) 10°23′S 161°00′W
(24(184)93 Auckland)

505 (INT 617) 2Ed. 4/18/81 LAST NM 33/93 16/94
Add Depth 20 meters 10°10′S 179°42′W
(48(54)93 Brest)

505 (INT 617) 2Ed. 4/18/81 LAST NM 16/94 21/96
Delete R Bn (AERO) 2°39′S 176°50′E
(BA RA)

505 (INT 617) 2Ed. 4/18/81 LAST NM 21/96 31/98
Delete R Bn (AERO) 5°40′S 176°10′E
(23(2023)98 Taunton)

505 (INT 617) 2Ed. 4/18/81 LAST NM 31/98 37/99
Add Superbuoy ODAS "51028" Y, Fl(4) Y 20s 0°00′ 153°53′W
(NTM0003/1999)

505 (INT 617) 2Ed. 4/18/81 LAST NM 37/99 15/01
Add Depth 1200 meters "Rep (2000)" [I3.2] 5°53′N 165°22′W
(42(4094)00 Taunton)

505 (INT 617) 2Ed. 4/18/81 LAST NM 15/01 34/07
Delete R Bn (AERO) 10°23′S 161°00′W
(NTM0011/2007)

★506 (INT 506) 2Ed. 2/3/96 NEW EDITION 25/96
Delete Depth 13 meters, blue tint and enclosing depth contours (4) in vicinity 1°05′N 170°31′E

Add Depth 185 meters with legend "Volcanic Activity (1995)" 15°34′N 145°32′E

Depth
30 meters 8°25′N 148°13′E
16 meters 8°03′N 148°34′E
13 meters "Rep (1991)" 1°05′N 170°31′E

Legend to danger circle
"Discol water (1992)" 19°45′N 145°43′E
"Shoal (1895) ED" 0°27′S 167°12′E
"Breakers (1991)" 0°24′N 152°00′E
"Breakers (1989)" 1°45′N 152°02′E
(DMA; SMEA003/96)

506 (INT 506) 2Ed. 2/3/96 LAST NM 25/96 23/97
Add Danger circle "Breakers Rep (1987)" 1°20′S 151°12′E
(5(120)97 Wollongong)

506 (INT 506) 2Ed. 2/3/96 LAST NM 23/97 18/00
Change Legend to "Asuncion (891) Rep 2 miles north (1969)" 19°41′N 145°37′E
(US CH 81086)

506 (INT 506) 2Ed. 2/3/96 LAST NM 18/00 20/05
Delete R Bn (AERO) 15°08′N 145°44′E
(NOS)

★506 (INT 506) 2Ed. 2/3/96 LAST NM 20/05 26/05
Add Depth 3083 meters "Rep (2004)" 15°22′N 160°54′E
Depth 3346 meters "Rep (2004)" 16°01′N 170°51′E
(NTM0025/2005)

506 (INT 506) 2Ed. 2/3/96 LAST NM 26/05 34/05
Add Depth 211 meters "Rep" [I4] 12°37′N 145°31′E
Depth 437 meters "Rep" [I4] 13°41′N 145°30′E
Depth 428 meters "Rep" [I4] 15°00′N 144°17′E
(BA CH 764)

506 (INT 506) 2Ed. 2/3/96 LAST NM 34/05 49/05
Add Dashed-line circle "Discolored water Rep" [Ke] 10°07′N 162°52′E
(NTM0037/2005)

506 (INT 506) 2Ed. 2/3/96 LAST NM 49/05 4/06
Delete Depth 437 meters "Rep" 13°41′N 145°30′E
(See 34/05-506)

Add Depth 565 meters 15°38′N 148°31′E
(NTM0007/2006; BA CH 764)

506 (INT 506) 2Ed. 2/3/96 LAST NM 4/06 9/06
Add Danger circle "Obstn" [K40] 8°20′N 148°09′E
(NTM0009/2006)

506 (INT 506) 2Ed. 2/3/96 LAST NM 9/06 14/06
Add Danger circle "Obstn" [K40] 7°17′N 145°44′E

Danger area "Obstn" [K40] with blue tint bound by dotted line joining
8°24′N 148°10′E
8°34′N 148°32′E
8°27′N 148°29′E
8°23′N 148°23′E
(NTM0009/2006)

★507 (INT 507) 2Ed. 9/14/96 NEW EDITION 50/96
Add Depth
442 meters 9°36′N 140°26′E
407 meters 7°58′N 137°19′E
676 meters 7°44′N 137°03′E
(Previously published 42/96)

Add R Bn (AERO) 9°30′N 138°05′E
7°20′N 134°29′E
(NIMA; BA RA)

507 (INT 507) 2Ed. 9/14/96 LAST NM 50/96 1/97
Add Light symbol 2°00.3′S 139°14.5′E
(GIMM058/96)

507 (INT 507) 2Ed. 9/14/96 LAST NM 1/97 50/97
Add Depth 106 meters 3°28.9′S 143°57.7′E
(20(549)97 Wollongong)

507 (INT 507) 2Ed. 9/14/96 LAST NM 50/97 45/02
Delete Rock awash 9°50′N 116°36′E
Dangerous submerged rock 9°47′N 116°41′E
Rock awash 9°45′N 116°44′E

Add Danger circle [K1] 11°48′N 117°50′E
Danger circle [K1] 11°43′N 117°34′E
(36(3833)02 Taunton)

507 (INT 507) 2Ed. 9/14/96 LAST NM 45/02 20/05
Delete R Bn (AERO) 15°08′N 145°44′E
(NOS)

507 (INT 507) 2Ed. 9/14/96 LAST NM 20/05 9/06
Add Danger circle "Obstn" [K40] 8°20′N 148°09′E
(NTM0009/2006)

507 (INT 507) 2Ed. 9/14/96 LAST NM 9/06 14/06
Add Danger circle "Obstn" [K40] 7°17′N 145°44′E

Danger area "Obstn" [K40] with blue tint bound by dotted line joining
8°24′N 148°10′E
8°34′N 148°32′E
8°27′N 148°29′E
8°23′N 148°23′E
(NTM0009/2006)

★508 (INT 508) 2Ed. 5/18/96 NEW EDITION 33/96
(DMA)

508 (INT 508) 2Ed. 5/18/96 LAST NM 33/96 39/96
Add Light symbol 16°34′N 107°37′E
16°53′N 107°12′E
20°08′N 107°43′E
21°23′N 108°00′E
(24(46)96 Brest)

508 (INT 508) 2Ed. 5/18/96 LAST NM 39/96 40/96
Delete R Bn (AERO) 5°01′N 118°20′E
(BA RA)

508 (INT 508) 2Ed. 5/18/96 LAST NM 40/96 45/96
Delete Dangerous wreck 4°37′S 112°59′E
(39(3218)96 Taunton)

508 (INT 508) 2Ed. 5/18/96 LAST NM 45/96 51/96
Add Depth 45 meters 7°36.3′N 108°30.0′E
(43(3560)96 Taunton)

508 (INT 508) 2Ed. 5/18/96 LAST NM 51/96 8/97
Substitute Depth
39 meters Wk for 11 meters Wk 2°15′N 104°56′E
20 meters Wk (unsurveyed) for
27 meters Wk 2°38′N 105°13′E
(33(2386)91, 50(4146)96 Taunton)

508 (INT 508) 2Ed. 5/18/96 LAST NM 8/97 10/97
Add Dangerous wreck 4°32′N 108°14′E
(1(63)97 Taunton)

508 (INT 508) 2Ed. 5/18/96 LAST NM 10/97 30/97
Add Light symbol 21°14′N 107°58′E
(GIMM047/96)

508 (INT 508) 2Ed. 5/18/96 LAST NM 30/97 50/97
Add Submarine cable joining 20°16′N 121°00′E
20°12′N 120°27′E
20°28′N 120°00′E
20°49′N 118°58′E
20°52′N 118°45′E
(31(474)97 Inchon)

508 (INT 508) 2Ed. 5/18/96 LAST NM 50/97 2/99
Substitute Depth 442 meters for 477 meters 16°52′N 114°50′E
(5(329)98 Taunton)

508 (INT 508) 2Ed. 5/18/96 LAST NM 2/99 4/99
Delete Depth 1481 meters 13°35′N 112°20′E

Add Depth
469 meters 8°14′N 110°55′E
220 meters 9°19′N 112°15′E
485 meters 8°41′N 112°26′E
475 meters 6°40′N 111°57′E
293 meters 6°16′N 110°17′E
110 meters 5°42′N 111°09′E
305 meters 13°39′N 112°20′E
(12(1032, 1033)98 Taunton)

508 (INT 508) 2Ed. 5/18/96 LAST NM 4/99 20/99
Add Danger circle "Obstn" 7°20′S 116°15′E
(26(2286)98 Taunton)

508 (INT 508) 2Ed. 5/18/96 LAST NM 20/99 40/99
Add Dangerous wreck 0°37′N 107°50′E
(31(2890)99 Taunton)

508 (INT 508) 2Ed. 5/18/96 LAST NM 40/99 42/01
Add Rock awash [K12] "Rep (1999)" (PA) 9°03′N 108°17′E
(NTM0013/2001)

508 (INT 508) 2Ed. 5/18/96 LAST NM 42/01 15/02
Add Depth 30 meters Wk [K26] 1°49′N 108°29′E
(5(482)02 Taunton)

508 (INT 508) 2Ed. 5/18/96 LAST NM 15/02 24/02
Add Depth 18 meters "Rep (2002)" [I3.2] 7°12′N 108°37′E
(18(1833)02 Taunton)

508 (INT 508) 2Ed. 5/18/96 LAST NM 24/02 45/02
Delete Rock awash 9°50′N 116°36′E
Dangerous submerged rock 9°47′N 116°41′E
Rock awash 9°45′N 116°44′E

Add Danger circle [K1] 11°48′N 117°50′E
Danger circle [K1] 11°43′N 117°34′E

Depth 370 meters enclosed by depth contour
(1000-meter) 11°33′N 113°21′E
Depth 270 meters enclosed by depth contour
(1000-meter) 11°11′N 113°54′E
Depth 198 meters enclosed by depth contour
(200-meter) 10°07′N 112°58′E
(36(3833, 3834)02 Taunton)

508 (INT 508) 2Ed. 5/18/96 LAST NM 45/02 52/04
Delete Depth 15 meters 21°35′N 120°34′E
(43(1107)04 Tokyo)

508 (INT 508) 2Ed. 5/18/96 LAST NM 52/04 9/05
Delete Depth 93 meters 21°40′N 120°26′E

Substitute Depth 134 meters for 24 meters 21°28′N 120°42′E
(30(782)04 Tokyo)

508 (INT 508) 2Ed. 5/18/96 LAST NM 9/05 26/05
Add Wreck [K29] 22°17′N 119°48′E
(13/05 Tso-ying)

508 (INT 508) 2Ed. 5/18/96 LAST NM 26/05 50/05
Add Depth 12 meters 1°04′S 106°49′E
(43(1306)05 Tokyo)

508 (INT 508) 2Ed. 5/18/96 LAST NM 50/05 1/06
Add Wreck [K29] 21°57′N 119°28′E
(67/05 Tso-ying)

508 (INT 508) 2Ed. 5/18/96 LAST NM 1/06 4/06
Add Depth 75 meters Wk [K26] 4°18′N 106°05′E
Depth 62 meters Wk [K26] 4°30′N 105°56′E
Depth 26 meters Wk [K26] 1°46′N 108°19′E
(36(269-271)04 Jakarta)

508 (INT 508) 2Ed. 5/18/96 LAST NM 4/06 12/06
Add Wreck [K29] 5°12′S 109°59′E
(36(360)05 Jakarta)

508 (INT 508) 2Ed. 5/18/96 LAST NM 12/06 18/06
Add Wreck [K29] 4°44′S 109°18′E
(2(7)06 Jakarta)

508 (INT 508) 2Ed. 5/18/96 LAST NM 18/06 35/06
Add Danger circle [Ke] "Discol water" centered
3°53′N 105°11′E
(6(93)06 Kuala Lumpur)

508 (INT 508) 2Ed. 5/18/96 LAST NM 35/06 9/07
Add Wreck [K29] 21°59′N 120°17′E
Wreck [K29] 21°55′N 119°55′E
(168, 171/06 Tso-ying)

★**509** (INT 509) 4Ed. 7/2/94 NEW EDITION 39/94
Add Light flare symbol to light star 41°15′N 140°21′E
(DMAHTC; Jpn LL)

509 (INT 509) 4Ed. 7/2/94 LAST NM 39/94 48/94
Add R Bn (AERO) 37°45′N 128°57′E
38°09′N 128°36′E
(ROK CH 154, 155; ROK LL)

509 (INT 509) 4Ed. 7/2/94 LAST NM 48/94 37/95
Relocate Superbuoy ODAS close W to 29°29′N 124°00′E
(26(2087)95 Taunton)

509 (INT 509) 4Ed. 7/2/94 LAST NM 37/95 42/95
Add Dangerous wreck 37°35.1′N 122°45.5′E
(14(93)95 Tianjin)

509 (INT 509) 4Ed. 7/2/94 LAST NM 42/95 8/96
Add Dangerous wreck 34°02′N 121°53′E
35°34′N 120°55′E
(23(153, 156)95 Tianjin)

509 (INT 509) 4Ed. 7/2/94 LAST NM 8/96 18/96
Add Light symbol 29°26.8′N 129°37.0′E
(14(656)96 Tokyo)

509 (INT 509) 4Ed. 7/2/94 LAST NM 18/96 22/96
Delete R Bn at light 35°08′N 139°41′E
(16(32)96 Tokyo)

509 (INT 509) 4Ed. 7/2/94 LAST NM 22/96 41/96
Add Dangerous wreck 34°36′N 121°26′E
(16(142)96 Tianjin)

509 (INT 509) 4Ed. 7/2/94 LAST NM 41/96 5/97
Delete Dangerous wreck 34°02′N 121°53′E
(See 8/96-509)
(23(185)96 Tianjin)

509 (INT 509) 4Ed. 7/2/94 LAST NM 5/97 19/97
Add Dangerous wreck 30°48′N 124°37′E
28°24′N 123°50′E
(7(294, 295)97 Tokyo)

509 (INT 509) 4Ed. 7/2/94 LAST NM 19/97 24/97
Add R Bn at light 35°08′N 139°41′E
(14(22)97 Tokyo)

509 (INT 509) 4Ed. 7/2/94 LAST NM 24/97 31/97
Add Depth 78 meters 29°55′N 127°03′E
(11(119)97 Tianjin)

509 (INT 509) 4Ed. 7/2/94 LAST NM 31/97 50/97
Add Submarine cable
joining 34°46′N 128°39′E
34°43′N 128°48′E
34°34′N 128°52′E
34°22′N 128°45′E
34°00′N 128°31′E
32°42′N 128°02′E
32°31′N 128°02′E
32°13′N 128°04′E
31°43′N 128°10′E
31°23′N 128°14′E
30°59′N 129°27′E
30°57′N 130°06′E
30°50′N 130°36′E
30°55′N 130°59′E
30°56′N 131°14′E
31°00′N 131°35′E
30°57′N 131°52′E
30°54′N 132°04′E
30°54′N 132°11′E
31°02′N 132°35′E
31°01′N 132°52′E

joining 31°23′N 128°14′E
31°05′N 128°05′E
30°30′N 128°06′E
29°49′N 128°01′E
28°10′N 127°09′E
27°49′N 126°49′E
27°12′N 126°25′E
26°18′N 126°05′E
25°58′N 126°53′E
25°01′N 127°07′E
24°11′N 126°14′E
23°44′N 125°21′E
22°50′N 124°17′E
22°11′N 123°50′E
21°32′N 122°16′E
20°50′N 121°36′E
20°16′N 120°59′E
20°12′N 120°27′E
20°28′N 120°00′E
20°49′N 118°58′E
20°52′N 118°45′E
(31(473, 474)97 Inchon)

509 (INT 509) 4Ed. 7/2/94 LAST NM 50/97 7/98
Add Wreck 33°38.3′N 122°33.0′E
(23(231)97 Tianjin)

509 (INT 509) 4Ed. 7/2/94 LAST NM 7/98 28/98
Delete Light 37°39′N 125°41′E
(16(282)98 Inchon)

509 (INT 509) 4Ed. 7/2/94 LAST NM 28/98 37/98
Add Dangerous wreck 32°40.4′N 122°59.8′E
(14(126)98 Tianjin)

509 (INT 509) 4Ed. 7/2/94 LAST NM 37/98 45/98
Add Legend "(see Note)" 20°17′N 135°45′E

Note in right upper margin of chart
"OKI-NO-TORI SHIMA
Mariners are advised that Oki-No-Tori
Shima (20°25′N 136°05′E) should be given
a wide berth. See Sailing Directions."
(4(317)98 Taunton)

509 (INT 509) 4Ed. 7/2/94 LAST NM 45/98 52/98
Delete Depth 47 meters 30°33′N 126°18′E
(32(1344)98 Tokyo)

509 (INT 509) 4Ed. 7/2/94 LAST NM 52/98 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°52′E
50 meters for 93 meters 29°22′N 129°05′E
(50(2069, 2070)98 Tokyo)

509 (INT 509) 4Ed. 7/2/94 LAST NM 6/99 8/99
Add Depth 26 meters "Rep" 24°01′N 123°35′E
(GIMM007/99)

509 (INT 509) 4Ed. 7/2/94 LAST NM 8/99 20/99
Delete Depth 57 meters 33°00′N 139°45′E
(9(347)99 Tokyo)

509 (INT 509) 4Ed. 7/2/94 LAST NM 20/99 21/99
Add Racon at light 37°15′N 131°52′E
(12(120)99 Inchon)

509 (INT 509) 4Ed. 7/2/94 LAST NM 21/99 32/99
Substitute Depth 50 meters for dangerous submerged rock
31°55′N 140°02′E
(25(1087)99 Tokyo)

509 (INT 509) 4Ed. 7/2/94 LAST NM 38/99 40/99
Delete Depth 50 meters 30°58′N 138°58′E

Add Depth 168 meters 31°00′N 139°00′E
(34(1382)99 Tokyo)

509 (INT 509) 4Ed. 7/2/94 LAST NM 40/99 47/99
Add Light symbol 42°19′N 130°40′E
(48(7510)98 St. Petersburg)

509 (INT 509) 4Ed. 7/2/94 LAST NM 47/99 32/00
Delete R Bn at light 34°13′N 125°51′E
(24(295)00 Inchon)

509 (INT 509) 4Ed. 7/2/94 LAST NM 32/00 14/02
Add Depth 424 meters enclosed by depth contour
(1000-meter) 16°32′N 129°37′E
(13(1402)01 Taunton)

509 (INT 509) 4Ed. 7/2/94 LAST NM 14/02 52/04
Delete Depth 15.8 meters 21°35′N 120°34′E
Depth 20 meters 21°20′N 121°19′E
(43(1107)04 Tokyo)

509 (INT 509) 4Ed. 7/2/94 LAST NM 52/04 9/05
Delete Depth 20 meters 21°32′N 121°16′E

(continued on next page)

509 (Continued) 9/05
Depth 93 meters 21°40′N 120°26′E

Substitute Depth 134 meters for 24 meters 21°28′N 120°42′E
(30(782)04 Tokyo)

509 (INT 509) 4Ed. 7/2/94 LAST NM 9/05 51/05
Add Dangerous wreck [K28] 25°28′N 120°22′E
(44(1323)05 Tokyo)

509 (INT 509) 4Ed. 7/2/94 LAST NM 51/05 53/05
Add Danger circle [K1] "seismometer" 33°46′N 137°36′E
(BA CH 996)

509 (INT 509) 4Ed. 7/2/94 LAST NM 53/05 19/06
Add Wreck [K29] (PA) 31°51′N 126°32′E
(12(154)06 Inchon)

509 (INT 509) 4Ed. 7/2/94 LAST NM 19/06 24/06
Delete Dangerous wreck 34°05′N 128°05′E

Add Depth 45 meters Wk [K26] 34°28′N 128°08′E
(2(35)06 Inchon)

509 (INT 509) 4Ed. 7/2/94 LAST NM 24/06 27/06
Delete Submarine cable between 33°26′N 126°55′E
20°45′N 118°15′E

(2(37)06 Inchon)

509 (INT 509) 4Ed. 7/2/94 LAST NM 27/06 29/06
Add Wreck [K29] 33°54′N 125°44′E
(49(814)05 Inchon)

509 (INT 509) 4Ed. 7/2/94 LAST NM 29/06 33/06
Add Racon [S3.1] at light 37°28′N 130°53′E
(29(420)06 Inchon)

509 (INT 509) 4Ed. 7/2/94 LAST NM 35/06 36/06
Delete Dangerous wreck 28°29′N 122°06′E
(18(348)06 Tianjin)

509 (INT 509) 4Ed. 7/2/94 LAST NM 36/06 39/06
Add Wreck [K29] 38°41′N 120°59′E
(26(530)06 Tianjin)

509 (INT 509) 4Ed. 7/2/94 LAST NM 39/06 42/06
Delete R Bn 38°57′N 139°49′E

Legend "R Bn" at light 33°15′N 134°11′E
Note: Ramark remains

Add Wreck [K29] 37°50′N 124°37′E
(35(516)06 Inchon; 36(1063, 1066)06 Tokyo)

509 (INT 509) 4Ed. 7/2/94 LAST NM 43/06 45/06
Add Dangerous wreck [K28] 39°45′N 120°11′E
(34(744)06 Tianjin)

509 (INT 509) 4Ed. 7/2/94 LAST NM 45/06 47/06
Add Platform lighted [L10] "CEP" 28°31′N 125°01′E
Platform lighted [L10] "CHX" 28°21′N 124°56′E
(13(230)06 Tianjin)

509 (INT 509) 4Ed. 7/2/94 LAST NM 47/06 12/07
Add Depth 32 meters Wk [K26] 29°56′N 122°50′E
(5(71)06 Tianjin)

★**510** (INT 510) 3Ed. 5/25/96 NEW EDITION 36/96
Delete RC at light 35°08′N 139°41′E
RC (AERO) 35°37′N 135°05′E
(DMA; 16(32)96 Tokyo; Jpn LL)

510 (INT 510) 3Ed. 5/25/96 LAST NM 36/96 4/97
Delete Depth 612 meters 23°06′N 142°21′E

Substitute Depth
99 meters for 214 meters 23°45′N 141°44′E
92 meters for 370 meters
"Rep (1982)" 23°05′N 142°20′E

Add Depth 94 meters 22°12′N 141°52′E
(46(3818)96 Taunton)

510 (INT 510) 3Ed. 5/25/96 LAST NM 4/97 6/97
Add Legend "Kita-Hukutoku Tai (Vol)" to
depth 73 meters 24°25′N 141°25′E
(51(2392)96 Tokyo)

510 (INT 510) 3Ed. 5/25/96 LAST NM 6/97 24/97
Add RC at light 35°08′N 139°41′E
(See 36/96-510)
(14(22)97 Tokyo)

510 (INT 510) 3Ed. 5/25/96 LAST NM 24/97 45/98
Add Legend "(see Note)" 20°17′N 135°45′E

Note in left upper margin of chart
"OKI-NO-TORI SHIMA
Mariners are advised that Oki-No-Tori
Shima (20°25′N 136°05′E) should be given
a wide berth. See Sailing Directions."
(4(317)98 Taunton)

510 (INT 510) 3Ed. 5/25/96 LAST NM 45/98 20/99
Delete Depth 57 meters 33°00′N 139°45′E
(9(347)99 Tokyo)

510 (INT 510) 3Ed. 5/25/96 LAST NM 20/99 32/99
Substitute Depth 50 meters for 22.5 meters 31°55′N 140°02′E
(25(1087)99 Tokyo)

510 (INT 510) 3Ed. 5/25/96 LAST NM 32/99 40/99
Delete Depth 50 meters 30°58′N 138°58′E

Add Depth 168 meters 31°00′N 139°00′E
(34(1382)99 Tokyo)

510 (INT 510) 3Ed. 5/25/96 LAST NM 40/99 18/00
Change Legend to "Asuncion I. (891) Rep 2 miles north
(1969)" 19°41′N 145°42′E
(US CH 81086)

510 (INT 510) 3Ed. 5/25/96 LAST NM 18/00 40/03
Add Dashed-line circle with blue tint and legend
"Discolored Water Reported (2003)" (PA)
24°18′N 141°59′E
(NTM0028/2003)

510 (INT 510) 3Ed. 5/25/96 LAST NM 40/03 17/04
Delete Depth 1230 meters 41°28′N 144°17′E
(7(186)04 Tokyo)

510 (INT 510) 3Ed. 5/25/96 LAST NM 17/04 20/05
Delete R C (AERO) 15°08′N 145°44′E
(NOS)

510 (INT 510) 3Ed. 5/25/96 LAST NM 20/05 29/05
Add Dashed-line circle [Ke]
"Discolored water Rep (2005)" 24°17′N 141°29′E
(NTM0026/2005)

510 (INT 510) 3Ed. 5/25/96 LAST NM 29/05 34/05
Add Depth 437 meters "Rep" [I4] 13°41′N 145°30′E
Depth 428 meters "Rep" [I4] 15°00′N 144°17′E
(BA CH 764)

510 (INT 510) 3Ed. 5/25/96 LAST NM 34/05 4/06
Delete Depth 437 meters "Rep" 13°41′N 145°30′E
(See 34/05-510)
(NTM0007/2006)

510 (INT 510) 3Ed. 5/25/96 LAST NM 4/06 42/06
Delete RC at light 38°57′N 139°49′E
Legend "RW" at light 38°17′N 141°35′E
Note: Ramark remains
(36(1063, 1064)06 Tokyo)

★511 (INT 511) 4Ed. 2/10/96 NEW EDITION 16/96
Delete R Bn 42°43′N 130°57′E
Light symbol 51°44′N 143°20′E
Position circle 42°18′N 143°20′E

Substitute Position circle for light symbol 37°45′N 128°57′E
38°09′N 128°36′E
Note: R Bn remains

Position circle for light star 51°57′N 143°08′E
Note: R Bn remains

Change Legend to
"(administered by Russia)" 48°39′N 152°30′E
(DMA; BA LL; BA RA)

511 (INT 511) 4Ed. 2/10/96 LAST NM 16/96 25/96
Delete Depth
106 meters 46°18′N 150°17′E
882 meters 45°58′N 149°31′E

Add Light symbol 46°49.6′N 151°52.3′E
Danger circle "Vol Activity (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)

511 (INT 511) 4Ed. 2/10/96 LAST NM 25/96 33/96
Add Light flare symbol to R Bn 45°26′N 147°55′E
(27(2251)96 Taunton)

511 (INT 511) 4Ed. 2/10/96 LAST NM 33/96 18/97
Add R Bn 48°05′N 153°17′E
R Bn at light 43°02′N 131°57′E
(BA RA)

511 (INT 511) 4Ed. 2/10/96 LAST NM 18/97 41/97
Delete Danger circle "Vol" 46°05′N 151°31′E
Depth 81 meters 46°31′N 151°26′E
(Rus CH 62274)

511 (INT 511) 4Ed. 2/10/96 LAST NM 41/97 21/99
Add Racon at light 37°15′N 131°52′E
(12(120)99 Inchon)

511 (INT 511) 4Ed. 2/10/96 LAST NM 21/99 25/99
Delete Depth 5 meters R 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)

511 (INT 511) 4Ed. 2/10/96 LAST NM 25/99 47/99
Add Light symbol 42°19′N 130°40′E
(48(7510)98 St. Petersburg)

511 (INT 511) 4Ed. 2/10/96 LAST NM 47/99 17/04
Delete Depth 1230 meters 41°28′N 144°17′E
(7(186)04 Tokyo)

511 (INT 511) 4Ed. 2/10/96 LAST NM 17/04 33/06
Add Racon [S3.1] at light 37°28′N 130°53′E
(29(420)06 Inchon)

511 (INT 511) 4Ed. 2/10/96 LAST NM 33/06 42/06
Delete R Bn 38°57′N 139°49′E
Legend "R Bn" at light 38°17′N 141°35′E
Note: Ramark remains
(36(1063, 1064)06 Tokyo)

★512 (INT 512) 2Ed. 5/18/96 NEW EDITION 31/96
(DMA)

512 (INT 512) 2Ed. 5/18/96 LAST NM 31/96 32/96
Add Depth 12 meters "Rep (1986)" 55°31.3′N 145°49.5′E

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°47.5′E
(24(1995)96 Taunton)

512 (INT 512) 2Ed. 5/18/96 LAST NM 32/96 21/97
Substitute Light with RC symbol for radiobeacon 59°10′N 146°03′E
55°12′N 137°38′E
53°58′N 140°18′E
(10(906)97 Taunton)

512 (INT 512) 2Ed. 5/18/96 LAST NM 21/97 22/97
Delete RC 53°18′N 141°30′E

Add Light symbol with RC 53°18′N 141°25′E
(46(7341)91 St. Petersburg; BA LL)

512 (INT 512) 2Ed. 5/18/96 LAST NM 22/97 52/99
Delete R Bn 55°12′N 137°38′E
(14(1962)98 St. Petersburg)

512 (INT 512) 2Ed. 5/18/96 LAST NM 52/99 11/04
Delete RC 57°10′N 156°34′E
(25(3965)03 St. Petersburg)

512 (INT 512) 2Ed. 5/18/96 LAST NM 11/04 20/04
Delete RC at light 54°44′N 162°07′E
(36(5870)03 St. Petersburg)

512 (INT 512) 2Ed. 5/18/96 LAST NM 20/04 35/07
Delete RC at light 57°45′N 163°18′E
(NTM0011/2007)

★513 (INT 813) 7Ed. 6/04 NEW EDITION 34/04
(NOS)

513 (INT 813) 7Ed. 6/04 LAST NM 34/04 44/04
Add Superbuoy ODAS [Q58] "46071" Y,
Fl(4) Y 20s 51°19′N 179°06′E
(NTM0002/2004)

513 (INT 813) 7Ed. 6/04 LAST NM 44/04 27/05
Relocate Superbuoy ODAS "46071" from
51°19′N 179°06′E to 51°10′N 179°01′E
(See 44/04-513)
(20/05 CG17)

513 (INT 813) 7Ed. 6/04 LAST NM 27/05 28/05
Add Superbuoy ODAS [Q58] "46073" Y,
Fl(4) Y 20s 54°57′N 172°02′W
(NOS)

513 (INT 813) 7Ed. 6/04 LAST NM 28/05 2/08
Add Superbuoy DART [Q26] "21415" RW,
Fl(4) Y 20s 50°10′N 171°50′W
(31/07 CG17)

★514 (INT 814) 7Ed. 1/04 NEW EDITION 16/04
Delete R Bn 64°24′N 172°15′W
R Bn 64°20′N 173°34′W
(Previously published 15/04)

Delete Depth 2 meters and legend "Tenedos Shoal"
64°16′N 178°00′W

Depth 29 meters 64°52′N 179°25′W
Depth 26 meters 64°57′N 176°19′W
Depth 24 meters 64°42′N 175°35′W
(NOS; 34(5550, 5551)03 St. Petersburg)

★520 127Ed. 8/22/81 NEW EDITION 41/81
(DMAHTC)

520 127Ed. 8/22/81 LAST NM 41/81 5/83
Delete Depth 8 3/4 fathoms "Rep (1975)" 16°30.6′N 116°50.0′W
(NVS6842/83)

520 127Ed. 8/22/81 LAST NM 5/83 43/83
Add Depths
320 fathoms 30°27′N 122°45′W
692 fathoms 30°37′N 123°14′W
(NVS6883/83)

520 127Ed. 8/22/81 LAST NM 43/83 12/84
Add Depth 92 fathoms 54°39′N 150°26′W
(NVS7208/84)

★**520** 127Ed. 8/22/81 LAST NM 12/84 26/84
Add Depths
121 fathoms "Rep (1976)" (PA) 52°09′N 131°34′W
94 fathoms "Rep (1976)" (PA) 57°44′N 149°58′W
(NVS7272/84)

520 127Ed. 8/22/81 LAST NM 26/84 52/84
Add Superbuoys, each ODAS, yellow, Fl(4) Y 20s
"51002" 17°11.4′N 157°49.8′W
"51003" 19°11.0′N 160°49.2′W
"51004" 17°31.9′N 152°37.1′W
(39, 46, 47/84 CG14)

520 127Ed. 8/22/81 LAST NM 52/84 19/85
Add Depth 120 fathoms "Rep (1984)" 9°29′N 160°58′W
(NVS7391/85)

520 127Ed. 8/22/81 LAST NM 19/85 40/85
Add Purple dashed line (recommended route)
joining 35°00.0′N 123°00.0′W
59°15.0′N 144°03.0′W
59°58.3′N 145°30.6′W
60°13.0′N 146°39.8′W

joining 60°12.2′N 146°41.0′W
59°56.0′N 145°40.0′W
59°15.0′N 144°25.0′W
35°00.0′N 123°23.0′W

between 37°57.3′N 123°03.2′W
39°53.0′N 126°31.5′W

between 40°06.0′N 127°05.0′W
37°54.6′N 123°05.3′W

joining 48°31.6′N 124°59.0′W
48°50.0′N 129°10.0′W
59°15.0′N 144°03.5′W

joining 59°15.0′N 144°25.0′W
48°30.0′N 130°00.0′W
48°28.0′N 124°59.0′W

Purple open-outlined dashed arrows indicating flow of traffic oriented
330.1° 38°00.0′N 125°00.0′W
330.1° 50°00.0′N 134°30.0′W
150.1° 49°30.0′N 135°00.0′W
150.1° 37°00.0′N 125°00.0′W
276.3° 48°55.0′N 127°40.0′W
090.6° 48°15.0′N 127°10.0′W
320.2° 53°30.0′N 135°00.0′W
141.9° 52°20.0′N 135°00.0′W
305.0° 39°20.0′N 125°00.0′W
125.2° 38°45.0′N 125°00.0′W
Note
"NOTE A
US Trans-Alaskan Pipeline System (TAPS) routes are recommended for routing of tank vessels between the Port of Valdez, AK and US west coast ports. These are not IMO adopted recommended routes." 54°20.0′N 120°00.0′W

Legends "See Note A" 45°00.0′N 130°40.0′W
52°40.2′N 135°00.0′W
(HNNM7457/85)

520 127Ed. 8/22/81 LAST NM 40/85 45/87
Add Superbuoy ODAS "46184", yellow, Fl(5) Y 20s 53°55.2′N 138°51.3′W
(38/87 CG17)

520 127Ed. 8/22/81 LAST NM 45/87 46/87
Add Depth 12 fathoms 57°35.8′N 136°20.8′W
(MCNM7983/87)

520 127Ed. 8/22/81 LAST NM 46/87 47/87
Add Superbuoy ODAS "46036", yellow, Fl(5) Y 20s 48°18.8′N 133°50.5′W
(39/87 CG13)

520 127Ed. 8/22/81 LAST NM 47/87 50/87
Delete Purple dashed lines (recommended route)
joining 60°12.2′N 146°41.0′W
59°56.0′N 145°40.0′W
59°15.0′N 144°25.0′W

joining 60°13.0′N 146°39.8′W
59°58.3′N 145°30.6′W
59°15.0′N 144°03.0′W
(MCNM8024/87)

520 127Ed. 8/22/81 LAST NM 50/87 11/88
Add Depth 255 fathoms 21°54′N 159°56′W
(MCNM8066/88)

520 127Ed. 8/22/81 LAST NM 11/88 32/88
Delete R Bn 48°55′N 125°32′W
(21(399)88 Ottawa)

520 127Ed. 8/22/81 LAST NM 32/88 27/89
Delete Purple dashed lines (recommended route) and directional
arrows between 59°15′N 144°25′W
35°00′N 123°20′W

joining 59°15′N 144°25′W
48°45′N 129°40′W
48°30′N 124°58′W

between 40°00′N 126°45′W
38°00′N 123°00′W

Legends "See Note A" 45°00′N 130°40′W
52°40′N 135°00′W

Note A 54°20′N 120°00′W
(MCNM1068/89)

520 127Ed. 8/22/81 LAST NM 27/89 32/89
Substitute Depth 8 fathoms for 15 fathoms 53°19′N 135°40′W
(MCNM1082/89)

520 127Ed. 8/22/81 LAST NM 32/89 36/89
Add Depth 243 fathoms 29°03′N 116°09′W
(MCNM1093/89)

520 127Ed. 8/22/81 LAST NM 36/89 7/90
Add Superbuoys, each ODAS, Y, Fl(5) Y
"46204" 51°22′N 128°45′W
"46208" 52°30′N 132°42′W
"46004" 50°56′N 135°49′W
(38(817, 819)89 Ottawa)

520 127Ed. 8/22/81 LAST NM 7/90 8/90
Add Superbuoy ODAS "46207" Y, Fl(5) Y 50°52′N 129°55′W
(39(837)89 Ottawa)

520 127Ed. 8/22/81 LAST NM 8/90 11/91
Add Submarine cable joining 59°50′N 149°28′W
59°28′N 149°12′W
59°00′N 148°47′W
58°55′N 148°38′W
58°53′N 148°33′W
58°52′N 148°31′W
58°41′N 148°11′W
58°39′N 148°05′W
(7/91 CG17)

520 127Ed. 8/22/81 LAST NM 11/91 22/91
Relocate Superbuoy ODAS "51004"
(17°31.9N 152°37.1′W) to 17°32.3′N 152°28.7′W
(10/91 CG14)

520 127Ed. 8/22/81 LAST NM 22/91 28/91
Add Superbuoys, each ODAS Y, Fl(5) Y 20s
"46205" 54°10.0′N 134°20.0′W
"46185" 52°25.2′N 129°48.0′W
(MCNM1098/91)

520 127Ed. 8/22/81 LAST NM 28/91 34/91
Relocate Superbuoy ODAS "51004"
(17°32.3′N 152°28.7′W) to 17°26.1′N 152°20.4′W
(See 22/91-520)
(30/91 CG14)

520 127Ed. 8/22/81 LAST NM 34/91 36/91
Relocate Superbuoy ODAS "51003"
(19°11.0′N 160°49.2′W) to 19°15.5′N 160°47.3′W
(MCNM1098/91)

520 127Ed. 8/22/81 LAST NM 36/91 13/92
Relocate Superbuoy ODAS "51004"
(17°26.1′N 152°20.4′W) to 17°26.1′N 152°30.4′W
(See 34/91-520)
(10/92 CG14)

520 127Ed. 8/22/81 LAST NM 13/92 52/92
Add Superbuoy ODAS "46006" Y, Fl(4) Y 20s
40°52′N 137°33′W
(MCC1159/92)

520 127Ed. 8/22/81 LAST NM 52/92 15/93
Delete R Bn 48°23.5′N 124°44.2′W
(10/93 CG13)

520 127Ed. 8/22/81 LAST NM 15/93 19/93
Delete R Bn at light 51°54′N 131°00′W
(13(239)93 Ottawa)

520 127Ed. 8/22/81 LAST NM 19/93 26/93
Delete R Bn at light 44°40.6′N 124°04.8′W
(19/93 CG13)

520 127Ed. 8/22/81 LAST NM 26/93 33/93
Delete R Bn 34°35′N 120°39′W

Relocate Superbuoy ODAS "51003"
(19°16′N 160°47′W) to 19°10′N 160°49′W
(29/93 CG11; 28/93 CG14)

520 127Ed. 8/22/81 LAST NM 33/93 34/93
Add Depth 9 fathoms "Rep (1986)" (PA) 27°23′N 114°44′W
(MCC1269/93)

520 127Ed. 8/22/81 LAST NM 34/93 16/94
Delete R Bn 36°18′N 121°54′W
(10/94 CG11)

520 127Ed. 8/22/81 LAST NM 16/94 18/94
Delete R Bn 37°42′N 123°00′W
(12/94 CG11)

520 127Ed. 8/22/81 LAST NM 18/94 28/94
Add Superbuoy ODAS "46132" Y, Fl(5) Y 20s
49°44′N 127°55′W
(10(363)94 Ottawa)

520 127Ed. 8/22/81 LAST NM 28/94 29/94
Delete R Bn 38°54′N 123°45′W
(23/94 CG11)

520 127Ed. 8/22/81 LAST NM 29/94 45/94
Delete R Bn 42°50′N 124°34′W
(38/94 CG13)

520 127Ed. 8/22/81 LAST NM 45/94 47/94
Delete R Bn 47°55′N 124°34′W
47°18′N 124°14′W
(USCG LL)

520 127Ed. 8/22/81 LAST NM 47/94 49/94
Add Superbuoy ODAS "46059" Y,
Fl(4) Y 20s 37°59′N 130°00′W
(43/94 CG11)

520 127Ed. 8/22/81 LAST NM 49/94 26/95
Delete R Bn 32°40′N 117°15′W
(20/95 CG11)

520 127Ed. 8/22/81 LAST NM 26/95 27/95
Delete R Bn 37°11′N 122°20′W
(21/95 CG11)

520 127Ed. 8/22/81 LAST NM 27/95 32/95
Delete R Bn 56°04′N 134°10′W
58°12′N 136°40′W
(25/95 CG17)

520 127Ed. 8/22/81 LAST NM 32/95 34/95
Delete R Bn 35°10′N 120°45′W
(29/95 CG11)

520 127Ed. 8/22/81 LAST NM 34/95 47/96
Delete R Bn 31°48′N 116°50′W
(GIMM049/96)

520 127Ed. 8/22/81 LAST NM 47/96 25/97
Delete R Bn 50°26′N 128°02′W
(5(329)97 Ottawa)

520 127Ed. 8/22/81 LAST NM 25/97 51/97
Delete R Bn 54°15′N 133°03′W
(10(W521)97 Ottawa)

520 127Ed. 8/22/81 LAST NM 51/97 42/98
Delete R Bn 60°14′N 146°39′W
(37/98 CG17)

520 127Ed. 8/22/81 LAST NM 42/98 22/99
Delete Superbuoy ODAS "46004" 50°56′N 135°49′W
(GIMM021/99)

520 127Ed. 8/22/81 LAST NM 22/99 23/00
Substitute Depth 300 fathoms for 320 fathoms 30°27′N 122°45′W
(NTM0013/2000)

520 127Ed. 8/22/81 LAST NM 23/00 29/00
Add Depth 1990 fathoms "Rep (2000)" (PA) 20°34′N 159°23′W
(NTM0013/2000)

520 127Ed. 8/22/81 LAST NM 29/00 31/00
Add Depth 245 fathoms "Rep (2000)" 20°24′N 157°01′W
(NTM0013/2000)

520 127Ed. 8/22/81 LAST NM 31/00 5/02
Add Superbuoy ODAS [Q58] Y, Fl Y 4s 52°34′N 157°10′W
(32/01 CG13)

520 127Ed. 8/22/81 LAST NM 5/02 8/02
Delete R Bn 50°47′N 128°25′W
(Can LL)

520 127Ed. 8/22/81 LAST NM 8/02 20/02
Relocate Superbuoy ODAS "46059" from
37°59′N 130°00′W to 38°02′N 129°56′W
(14/02 CG11)

520 127Ed. 8/22/81 LAST NM 20/02 38/02
Add Superbuoy ODAS [Q58] "46015" Y,
Fl(4) Y 20s 42°44′N 124°50′W
(NTM0031/2002)

★**520** 127Ed. 8/22/81 LAST NM 38/02 34/03
Add Superbuoy ODAS [Q58] "46061" Y, Fl(4) Y 20s 60°13′N 145°49′W
Superbuoy ODAS [Q58] "46001" Y, Fl(4) Y 20s 56°18′N 148°10′W
Superbuoy ODAS [Q58] "46066" Y, Fl(4) Y 20s 53°15′N 155°09′W
Superbuoy ODAS [Q58] "46080" Y, Fl(4) Y 20s 58°00′N 150°00′W
Superbuoy ODAS [Q58] "46082" Y, Fl(4) Y 20s 59°37′N 143°40′W
Superbuoy ODAS [Q58] "46083" Y, Fl(4) Y 20s 58°15′N 138°00′W
Superbuoy ODAS [Q58] "46084" Y, Fl(4) Y 20s 56°35′N 136°10′W
(26/03 CG17)

520 127Ed. 8/22/81 LAST NM 34/03 40/03
Add Superbuoy ODAS [Q58] "46012" Y, Fl(4) Y 20s 37°22′N 122°53′W
(35/03 CG11)

520 127Ed. 8/22/81 LAST NM 40/03 41/03
Delete Superbuoy ODAS "46061" (See 34/03-520) 60°13′N 145°49′W
Add Superbuoy ODAS [Q58] "46061" Y, Fl(4) Y 20s 60°13′N 146°49′W
(NTM0022/2003)

520 127Ed. 8/22/81 LAST NM 41/03 4/04
Relocate Superbuoy ODAS "46059" from 38°02′N 129°56′W to 38°00′N 129°57′W
(46/03 CG11)

520 127Ed. 8/22/81 LAST NM 4/04 11/04
Add Superbuoy ODAS [Q58] "46069" Y, Fl(4) Y 20s 33°39′N 120°12′W
(52/03 CG11)

520 127Ed. 8/22/81 LAST NM 11/04 26/04
Relocate Superbuoy ODAS "51002" from 17°11′N 157°47′W to 17°09′N 157°47′W
Add Superbuoy ODAS [Q58] "PICO" Y, Fl Y 4s (Priv) 20°30′N 158°02′W
(21/04 CG14; NTM0002/2004)

520 127Ed. 8/22/81 LAST NM 26/04 27/04
Add Superbuoy ODAS [Q58] "46022" Y, Fl(4) Y 20s 40°43′N 124°31′W
(11/04 CG11)

520 127Ed. 8/22/81 LAST NM 27/04 35/04
Add Superbuoy ODAS [Q58] "46002" Y, Fl(4) Y 20s 42°35′N 130°22′W
(27/04 CG13)

520 127Ed. 8/22/81 LAST NM 35/04 44/04
Relocate Superbuoy ODAS "46066" from 53°15′N 155°09′W to 52°42′N 155°01′W
(34/04 CG17)

520 127Ed. 8/22/81 LAST NM 44/04 8/05
Add Superbuoy ODAS [Q58] "46089" Y, Fl(4) Y 20s 45°53′N 125°46′W
(46/04 CG13)

520 127Ed. 8/22/81 LAST NM 8/05 26/05
Add Depth 2170 fathoms "Rep (2004)" 19°01′N 134°33′W
(NTM0025/2005)

520 127Ed. 8/22/81 LAST NM 26/05 33/05
Substitute Depth 250 fathoms for 340 fathoms 21°44′N 158°38′W
(NTM0013/2005)

520 127Ed. 8/22/81 LAST NM 33/05 2/06
Add Superbuoy ODAS [Q58] "46050" Y, Fl(4) Y 20s 44°37′N 124°32′W
Superbuoy ODAS [Q58] "46005" Y, Fl(4) Y 20s 46°03′N 131°01′W
(NOS)

520 127Ed. 8/22/81 LAST NM 2/06 10/06
Add Danger circle [K1] "Subm buoys (cov 10¾ fms)" 50°00′N 145°00′W
(NTM0010/2006)

520 127Ed. 8/22/81 LAST NM 10/06 18/06
Substitute Depth 34 fathoms for 43 fathoms 32°39′N 117°58′W
Depth 104 fathoms for 105 fathoms 33°00′N 119°33′W
Add Depth 49 fathoms 32°05′N 118°10′W
(NTM0023/2006)

520 127Ed. 8/22/81 LAST NM 18/06 30/06
Add Depth 288 fathoms "Rep (2005)" 31°22′N 118°37′W
(NTM0019/2005)

520 127Ed. 8/22/81 LAST NM 30/06 31/06
Relocate Superbuoy ODAS "46006" from 40°52′N 137°33′W to 40°48′N 137°29′W
Superbuoy ODAS "46022" from 40°43′N 124°31′W to 40°47′N 124°33′W
(3/06 CG11)

520 127Ed. 8/22/81 LAST NM 31/06 47/06
Relocate Superbuoy ODAS "46005" from 46°03′N 131°01′W to 46°01′N 130°58′W
(15/06 CG13)

520 127Ed. 8/22/81 LAST NM 47/06 52/06
Add Superbuoy ODAS [Q58] "46014" Y, Fl(4) Y 20s 39°12′N 123°58′W
(40/06 CG11)

520 127Ed. 8/22/81 LAST NM 52/06 4/07
Delete Depth 212 fathoms and enclosing depth contour (1000-fathom) 25°37′N 119°28′W
Add Depth 213 fathoms 25°20′N 119°31′W
Depth 393 fathoms 25°42′N 119°38′W
(NTM0042/2006)

520 127Ed. 8/22/81 LAST NM 4/07 8/07
Add Superbuoy ODAS [Q58] "46419" Y, Fl(4) Y 20s 48°29′N 129°22′W
(34/06 CG13)

520 127Ed. 8/22/81 LAST NM 8/07 19/07
Add Superbuoy ODAS [Q58] "46411" Y, Fl(4) Y 20s 39°20′N 127°00′W
Superbuoy ODAS [Q58] "46412" Y, Fl(4) Y 20s 32°15′N 120°42′W
(12/07 CG11)

520 127Ed. 8/22/81 LAST NM 19/07 34/07
Add Superbuoy ODAS [Q58] "46013" Y, Fl(4) Y 20s 38°14′N 123°19′W
(26/07 CG11)

520 127Ed. 8/22/81 LAST NM 34/07 36/07
Add Superbuoy ODAS [Q58] "46053" Y, Fl(4) Y 20s 34°14′N 119°51′W
(9/07 CG11)

520 127Ed. 8/22/81 LAST NM 36/07 46/07
Relocate Superbuoy ODAS "46006" from 40°48′N 137°29′W to 40°53′N 137°27′W
(33/07 CG11)

520 127Ed. 8/22/81 LAST NM 46/07 3/08
Substitute Depth 13 fathoms for 8 fathoms 53°18′N 135°39′W
(NOS)

★**521** 11Ed. 7/18/81 NEW EDITION 37/81
Add Dashed-line circle "Volcanic activity rep (1978)" 46°06′N 151°30′E
(Previously published 33/81)

Add Depths
6 fathoms "Rep (1978)" 35°35′N 171°17′E
7 fathoms "Rep (1978)" 7°07′N 172°45′E
(Previously published 34/81)
(DMAHTC)

521 11Ed. 7/18/81 LAST NM 37/81 47/81
Delete Depth 768 fathoms 40°45′N 170°13′E
(NVS6528/81)

521 11Ed. 7/18/81 LAST NM 47/81 8/82
Delete Depth 100 fathoms "Rep (1979)" (PA) 19°20′N 173°28′E
(NVS4095/79)

521 11Ed. 7/18/81 LAST NM 8/82 37/82
Add Depth 4¾ fathoms "Rep(1982)" (PA) 59°50′N 166°54′W
(CL871/82)

521 11Ed. 7/18/81 LAST NM 37/82 46/82
Add Depth 294 fathoms 36°46.0′N 171°22.0′E
Legend "ED" to depth 216 fathoms 33°30.0′N 165°20.0′E
(NVS6798/82)

521 11Ed. 7/18/81 LAST NM 46/82 1/83
Delete Depth 145 fathoms "PA (rep 1965)" 31°06′N 175°55′E

Add Legend "Rep (1965)" to 130-fathom depth 30°58′N 175°55′E
(NVS6825/82)

521 11Ed. 7/18/81 LAST NM 1/83 6/83
Add Depth 7 fathoms "Rep (1964)" 55°35′N 165°01′E
(USSR CH 1087)

521 11Ed. 7/18/81 LAST NM 6/83 25/83
Delete Depths
45 fathoms 58°09′N 171°05′E
47 fathoms 58°34′N 171°09′E
50 fathoms 58°56′N 171°15′E
47 fathoms 59°23′N 171°27′E
41 fathoms 59°39′N 171°38′E
(NVS6951/83)

521 11Ed. 7/18/81 LAST NM 25/83 37/83
Delete Depth 100 fathoms 54°42′N 162°40′E
(NVS7020/83)

521 11Ed. 7/18/81 LAST NM 37/83 24/84
Delete Depth 12 fathoms 23°13′N 162°18′E

Danger circles and legends
"Reef (PA-rep 1952)" 22°56′N 162°21′E
"Reef (PA-rep 1952) Uncov" 22°47′N 162°29′E
(NVS7268/84)

521 11Ed. 7/18/81 LAST NM 24/84 5/85
Add Dashed-line circle "Discol water" 20°25′N 152°12′E
(Jpn 1004B)

521 11Ed. 7/18/81 LAST NM 5/85 16/85
Add Depths
84 fathoms 28°19.6′N 178°24.2′W
141 fathoms 29°48.1′N 179°04.8′E
(NVS7424/85)

521 11Ed. 7/18/81 LAST NM 16/85 19/85
Add Depth 120 fathoms "Rep (1984)" 9°29′N 160°58′W
(NVS7391/85)

521 11Ed. 7/18/81 LAST NM 19/85 29/85
Add Depth 42 fathoms 48°18′N 154°30′E
(HNNM7495/85)

521 11Ed. 7/18/81 LAST NM 29/85 10/87
Add Legend "Rep" to dashed-line circle "Discol water" 20°25′N 152°12′E
Depth 2750 fathoms 20°31′N 152°49′E
(MCNM7903, 0001/87; Jpn CH 48)

521 11Ed. 7/18/81 LAST NM 10/87 19/87
Add Depth 44 fathoms 59°09′N 166°09′E
(MCNM0002/87)

521 11Ed. 7/18/81 LAST NM 19/87 11/88
Add Depth 255 fathoms 21°54′N 159°56′W
(MCNM8066/88)

521 11Ed. 7/18/81 LAST NM 11/88 19/88
Add Depth 40 fathoms "Rep 1987" (PA) (ED) 36°17′N 163°16′W
(MCNM8089/88)

521 11Ed. 7/18/81 LAST NM 19/88 43/88
Substitute Depth 92 fathoms 812 fathoms 2°54′N 158°48′W
(MCNM8152/88)

521 11Ed. 7/18/81 LAST NM 43/88 37/89
Add Depth 40 fathoms "Rep (1974)" 27°43′N 175°35′W
(MCNM1071/89)

521 11Ed. 7/18/81 LAST NM 37/89 36/91
Add Superbuoy ODAS "51003" Y, Fl(4) Y 20s 19°16′N 160°47′W
(MCNM1098/91)

521 11Ed. 7/18/81 LAST NM 36/91 3/93
Add Depth 7 fathoms "Rep (1991)" 1°05′N 170°31′E
(MCC1226/93)

521 11Ed. 7/18/81 LAST NM 3/93 7/93
Add Depths
100 fathoms "Rep" 28°50′N 178°55′W
235 fathoms "Rep" 29°40′N 179°21′E
(MCC1160/92)

521 11Ed. 7/18/81 LAST NM 7/93 33/93
Relocate Superbuoy ODAS "51003" (19°16′N 160°47′W) to 19°10′N 160°49′W
(28/93 CG14)

521 11Ed. 7/18/81 LAST NM 33/93 34/93
Add Danger circle "Breakers Rep (1991)" 0°24′N 152°00′E
(MCC1265/93)

521 11Ed. 7/18/81 LAST NM 34/93 21/94
Delete Dashed line and legend "UNITED...(1867)" between 60°00′N 179°12′E
50°52′N 167°08′E

Add Purple international maritime boundary line joining 60°00′N 179°40′W
58°57′N 178°34′E
58°58′N 178°15′E
53°44′N 170°19′E
53°11′N 169°40′E
51°31′N 167°48′E
51°11′N 167°27′E
51°12′N 167°16′E
50°59′N 167°00′E

Legend "RUSSIA" 57°04′N 175°00′E
"UNITED STATES (see note)" 56°54′N 175°20′E

Note in upper center margin of chart
"NOTE
Maritime boundary provisionally applied pending formal exchange of instruments of ratification."
(MCC1339/94)

521 11Ed. 7/18/81 LAST NM 21/94 41/95
Delete R Bn (AERO) 7°28′N 151°50′E
7°00′N 158°14′E
(BA RA)

521 11Ed. 7/18/81 LAST NM 41/95 25/96
Delete Depth 58 fathoms 46°17′N 150°12′E

Add Danger circle
"Volcanic Activity Rep (1980)" 46°32′N 151°47′E

Depth 50 fathoms 46°17′N 150°16′E
(17(1439)96 Taunton)

521 11Ed. 7/18/81 LAST NM 25/96 50/96
Add Wreck (PA) 56°49′N 162°36′W
(45/96 CG17)

521 11Ed. 7/18/81 LAST NM 50/96 12/97
Substitute Depth 68 fathoms for 180 fathoms 28°54′N 178°37′W

Add Depth
139 fathoms 28°50′N 179°08′W
218 fathoms 28°52′N 178°52′W
(GIMM015/97)

★**521** 11Ed. 7/18/81 LAST NM 12/97 6/98
Delete Depth 216 fathoms (ED) 33°30′N 165°20′E

Add Depth 116 fathoms 33°29′N 165°37′E
(GIMM011/98)

521 11Ed. 7/18/81 LAST NM 6/98 8/99
Add Depth 569 fathoms 31°12′N 179°38′W
(GIMM001/99)

521 11Ed. 7/18/81 LAST NM 8/99 12/00
Add R Bn (AERO) [S16] 28°12′N 177°23′W
(NOS)

521 11Ed. 7/18/81 LAST NM 12/00 29/00
Add Depth 1990 fathoms "Rep (2000)" (PA) 20°34′N 159°23′W
(NTM0013/2000)

521 11Ed. 7/18/81 LAST NM 29/00 15/01
Add Depth 656 fathoms "Rep (2000)" [I3.2] 5°53′N 165°22′W
(42(4094)00 Taunton)

521 11Ed. 7/18/81 LAST NM 15/01 5/02
Add Superbuoy ODAS [Q58] Y, Fl Y 4s 46°39′N 170°48′W
Superbuoy ODAS [Q58] Y, Fl Y 4s 50°27′N 165°02′W
(32/01 CG13)

521 11Ed. 7/18/81 LAST NM 5/02 17/02
Delete R Bn 57°09′N 170°17′W
(NOS)

521 11Ed. 7/18/81 LAST NM 17/02 34/03
Add Superbuoy ODAS [Q58] "46035" Y,
Fl(4) Y 20s 57°03′N 177°35′W
Superbuoy ODAS [Q58] "46072" Y,
Fl(4) Y 20s 52°02′N 172°05′W
(26/03 CG17)

521 11Ed. 7/18/81 LAST NM 34/03 50/03
Relocate Superbuoy ODAS "46072" from
52°02′N 172°05′W to 51°38′N 172°09′W
(See 34/03-521)
(NTM0022/2003)

521 11Ed. 7/18/81 LAST NM 50/03 11/04
Delete R Bn 57°14′N 156°37′E
(25(3965)03 St. Petersburg)

521 11Ed. 7/18/81 LAST NM 11/04 20/04
Delete R Bn 54°44′N 162°07′E
(36(5870)03 St. Petersburg)

521 11Ed. 7/18/81 LAST NM 20/04 44/04
Add Superbuoy ODAS [Q58] "46071" Y,
Fl(4) Y 20s 51°19′N 179°06′E
(NTM0002/2004)

521 11Ed. 7/18/81 LAST NM 44/04 26/05
Add Depth 1686 fathoms "Rep (2004)" 15°22′N 160°54′E
Depth 1830 fathoms "Rep (2004)" 16°01′N 170°51′E
(NTM0025/2005)

521 11Ed. 7/18/81 LAST NM 26/05 27/05
Relocate Superbuoy ODAS "46071" from
51°19′N 179°06′E to 51°10′N 179°01′E
(See 44/04-521)
(20/05 CG17)

521 11Ed. 7/18/81 LAST NM 27/05 28/05
Add Depth 2110 fathoms "Rep (2005)" 21°55′N 159°42′E
(NTM0023/2005)

521 11Ed. 7/18/81 LAST NM 28/05 33/05
Substitute Depth 250 fathoms for 340 fathoms 21°44′N 158°38′W
(NTM0013/2005)

521 11Ed. 7/18/81 LAST NM 33/05 49/05
Add Dashed-line circle "Discolored water Rep"
[Ke] 10°07′N 162°52′E
(NTM0037/2005)

521 11Ed. 7/18/81 LAST NM 49/05 29/06
Add Depth 1383 fathoms "Rep (2005)" 20°22′N 178°15′W
Depth 2608 fathoms "Rep (2005)" 20°28′N 176°31′W
Depth 1587 fathoms "Rep (2005)" 20°28′N 176°22′W
Depth 2250 fathoms "Rep (2005)" 22°45′N 176°17′W
Depth 1984 fathoms "Rep (2005)" 20°11′N 174°17′W
Depth 840 fathoms (PD) 19°35′N 164°59′W
(NTM0024/2006; US CH 19007)

521 11Ed. 7/18/81 LAST NM 29/06 32/07
Delete Dangerous submerged rock and legend
"Schjetnan...1945)" in vicinity 16°08′N 178°58′W

Danger circle and legend "Rep...ED)" 16°26′N 178°21′W
(NTM0018/2007)

521 11Ed. 7/18/81 LAST NM 32/07 2/08
Add Superbuoy DART [Q26] "21415" RW,
Fl(4) Y 20s 50°10′N 171°50′W
(31/07 CG17)

★**522** 87Ed. 7/13/96 NEW EDITION 36/96
Add Depth 6½ fathoms "Rep (1986)" 55°31.3′N 145°49.5′E
(Previously published 32/96)
(DMA)

522 87Ed. 7/13/96 LAST NM 36/96 40/96
Delete R Bn (AERO) 5°01′N 118°20′E
(BA RA)

522 87Ed. 7/13/96 LAST NM 40/96 41/96
Add Dangerous wreck 34°36′N 121°26′E
(16(142)96 Tianjin)

522 87Ed. 7/13/96 LAST NM 41/96 42/96
Add Depth
241 fathoms 9°36′N 140°26′E
222 fathoms 7°58′N 137°19′E
369 fathoms 7°44′N 137°03′E
(35(2945)96 Taunton)

522 87Ed. 7/13/96 LAST NM 42/96 51/96
Add Depth 24 fathoms 7°36′N 108°30′E
(43(3560)96 Taunton)

522 87Ed. 7/13/96 LAST NM 51/96 4/97
Delete Depth
202 fathoms "Unexamined Rep (1982)"
23°04′N 142°24′E
287 fathoms 22°15′N 141°42′E

Add Depth
54 fathoms 23°45′N 141°44′E
50 fathoms 23°05′N 142°20′E
51 fathoms 22°12′N 141°52′E
(46(3818)96 Taunton)

522 87Ed. 7/13/96 LAST NM 4/97 6/97
Add Depth 40 fathoms with legend
"Kita-Hukutoku Tai (Volcano)" 24°25′N 141°25′E
(51(2392)96 Tokyo)

522 87Ed. 7/13/96 LAST NM 6/97 8/97
Add Depth 10¾ fathoms Wk (unsurveyed) 2°38′N 105°13′E
(50(4146)96 Taunton)

522 87Ed. 7/13/96 LAST NM 8/97 24/97
Add R Bn 35°08′N 139°41′E
(14(22)97 Tokyo)

522 87Ed. 7/13/96 LAST NM 24/97 31/97
Add Depth 42 fathoms 29°55′N 127°03′E
(11(119)97 Tianjin)

522 87Ed. 7/13/96 LAST NM 31/97 42/97
Delete Dotted-line circle "Rep (1964)" 16°18′N 109°20′E
(GIMM048/97)

522 87Ed. 7/13/96 LAST NM 42/97 5/98
Delete Dangerous submerged rock "Rep (1955)" 28°12′N 142°23′E
(36(1640)97 Tokyo)

522 87Ed. 7/13/96 LAST NM 5/98 14/98
Delete Depth 400 fathoms "Rep (1965)" 20°27′N 118°05′E

Add Depth 198 fathoms 20°29′N 117°59′E
(GIMM011/98)

522 87Ed. 7/13/96 LAST NM 14/98 32/98
Delete R Bn 31°59′N 128°21′E
(12(522)98 Tokyo)

522 87Ed. 7/13/96 LAST NM 32/98 52/98
Delete Depth 26 fathoms "Rep (1965)" 30°33′N 126°18′E
(32(1344)98 Tokyo)

522 87Ed. 7/13/96 LAST NM 52/98 2/99
Substitute Depth 241 fathoms for 261 fathoms 16°50′N 114°50′E
(5(329)98 Taunton)

522 87Ed. 7/13/96 LAST NM 2/99 6/99
Substitute Depth 8 fathoms for 10 fathoms 30°12′N 130°03′E

Add Depth 27 fathoms 29°22′N 129°05′E
(50(2069, 2070)98 Tokyo)

522 87Ed. 7/13/96 LAST NM 38/99 52/99
Delete R Bn 55°12′N 137°38′E
(14(1962)98 St. Petersburg)

522 87Ed. 7/13/96 LAST NM 52/99 14/02
Add Depth 232 fathoms 16°32′N 129°37′E
(13(1402)01 Taunton)

522 87Ed. 7/13/96 LAST NM 14/02 18/02
Add Depth 385 fathoms 8°04′N 143°26′E
Depth 314 fathoms 6°53′N 144°49′E
(6(59)02 Wellington)

522 87Ed. 7/13/96 LAST NM 18/02 52/04
Delete Depth 8½ fathoms 21°35′N 120°34′E
Depth 11 fathoms 21°20′N 121°19′E
(43(1107)04 Tokyo)

522 87Ed. 7/13/96 LAST NM 52/04 9/05
Delete Depth 11 fathoms 21°32′N 121°16′E
(30(782)04 Tokyo)

522 87Ed. 7/13/96 LAST NM 9/05 20/05
Delete R Bn (AERO) 15°08′N 145°43′E
(NOS)

522 87Ed. 7/13/96 LAST NM 20/05 34/05
Add Depth 115 fathoms "Rep" [I4] 12°37′N 145°31′E
Depth 239 fathoms "Rep" [I4] 13°41′N 145°30′E
Depth 234 fathoms "Rep" [I4] 15°00′N 144°17′E
(BA CH 764)

522 87Ed. 7/13/96 LAST NM 34/05 53/05
Add Danger circle [K1] "seismometer" 33°46′N 137°36′E
(BA CH 996)

522 87Ed. 7/13/96 LAST NM 53/05 4/06
Delete Depth 239 fathoms "Rep" 13°41′N 145°30′E
(See 34/05-522)

Add Depth 309 fathoms 15°38′N 148°31′E
(NTM0007/2006; BA CH 764)

522 87Ed. 7/13/96 LAST NM 4/06 9/06
Add Danger circle "Obstn" [K40] 8°20′N 148°09′E
(NTM0009/2006)

522 87Ed. 7/13/96 LAST NM 9/06 14/06
Add Danger circle "Obstn" [K40] 7°17′N 145°44′E
(NTM0009/2006)

522 87Ed. 7/13/96 LAST NM 14/06 35/06
Add Danger circle [Ke] "Discol water" centered
3°53′N 105°11′E
(6(93)06 Kuala Lumpur)

522 87Ed. 7/13/96 LAST NM 35/06 42/06
Delete R Bn 38°57′N 139°49′E

Legend "RDF" 38°17′N 141°35′E
Note: Ramark remains
Legend "R Bn" 33°15′N 134°11′E
Note: Ramark remains
(36(1063, 1064, 1066)06 Tokyo)

522 87Ed. 7/13/96 LAST NM 42/06 3/07
Delete R Bn 25°18′N 121°32′E
(119/06 Tso-ying)

★523 8Ed. 7/6/96 NEW EDITION 38/96
Add Depth 6½ fathoms "Rep (1986)" 55°31.3′N 145°49.5′E
(Previously published 32/96)
(DMA)

523 8Ed. 7/6/96 LAST NM 38/96 50/96
Add Wreck (PA) 56°49′N 162°36′W
(45/96 CG17)

523 8Ed. 7/6/96 LAST NM 50/96 4/97
Substitute Depth 50 fathoms for 202 fathoms
"Unexamined Rep (1982)" 23°05′N 142°19′E

Add Depth 51 fathoms 22°12′N 141°52′E
(46(3818)96 Taunton)

523 8Ed. 7/6/96 LAST NM 4/97 12/97
Add Depth
68 fathoms 28°54′N 178°37′W
139 fathoms 28°50′N 179°08′W
(GIMM015/97)

523 8Ed. 7/6/96 LAST NM 12/97 24/97
Add R Bn 35°09′N 139°41′E
(14(22)97 Tokyo)

523 8Ed. 7/6/96 LAST NM 24/97 31/97
Add Depth 42 fathoms 29°55′N 127°03′E
(11(119)97 Tianjin)

523 8Ed. 7/6/96 LAST NM 31/97 41/97
Delete Dashed-line circle "Volcanic...(1978)" 46°06′N 151°33′E
Depth 43 fathoms 46°31′N 151°26′E
(Rus CH 62274)

523 8Ed. 7/6/96 LAST NM 41/97 5/98
Delete Dangerous submerged rock "Rep (1955)" 28°12′N 142°23′E
(36(1640)97 Tokyo)

523 8Ed. 7/6/96 LAST NM 5/98 6/98
Delete Depth 216 fathoms (ED) 33°30′N 165°20′E

Add Depth 116 fathoms 33°29′N 165°37′E
(GIMM011/98)

523 8Ed. 7/6/96 LAST NM 6/98 32/98
Delete R Bn 31°59′N 128°21′E
(12(522)98 Tokyo)

523 8Ed. 7/6/96 LAST NM 32/98 52/98
Delete Depth 26 fathoms "Rep (1965)" 30°33′N 126°18′E
(32(1344)98 Tokyo)

523 8Ed. 7/6/96 LAST NM 52/98 6/99
Substitute Depth
8 fathoms for 10 fathoms (ED) 30°12′N 130°03′E
1 1/4 fathoms for 1 3/4 fathoms 30°03′N 129°51′E

Add Depth 27 fathoms 29°22′N 129°05′E
(50(2069, 2070)98 Tokyo)

523 8Ed. 7/6/96 LAST NM 6/99 8/99
Add Depth 569 fathoms 31°12′N 179°38′W
(GIMM001/99)

523 8Ed. 7/6/96 LAST NM 38/99 52/99
Delete R Bn 55°12′N 137°38′E
(14(1962)98 St. Petersburg)

523 8Ed. 7/6/96 LAST NM 52/99 12/00
Add R Bn (AERO) [S16] 28°12′N 177°23′W
(NOS)

523 8Ed. 7/6/96 LAST NM 12/00 29/00
Add Depth 1990 fathoms "Rep (2000)" (PA) 20°34′N 159°23′W
(NTM0013/2000)

523 8Ed. 7/6/96 LAST NM 29/00 31/00
Add Depth 245 fathoms "Rep (2000)" 20°24′N 157°01′W
(NTM0013/2000)

523 8Ed. 7/6/96 LAST NM 31/00 5/02
Add Superbuoy ODAS [Q58] Y, Fl Y 4s 46°39′N 170°48′W
Superbuoy ODAS [Q58] Y, Fl Y 4s 50°27′N 165°02′W
Superbuoy ODAS [Q58] Y, Fl Y 4s 52°34′N 157°10′W
(32/01 CG13)

523 8Ed. 7/6/96 LAST NM 5/02 17/02
Delete R Bn 57°09′N 170°07′W
(NOS)

523 8Ed. 7/6/96 LAST NM 17/02 34/03
Add Superbuoy ODAS [Q58] "46035" Y, Fl(4) Y 20s 57°03′N 177°35′W
Superbuoy ODAS [Q58] "46066" Y, Fl(4) Y 20s 53°15′N 155°09′W
Superbuoy ODAS [Q58] "46072" Y, Fl(4) Y 20s 52°02′N 172°05′W
(26/03 CG17)

523 8Ed. 7/6/96 LAST NM 34/03 50/03
Relocate Superbuoy ODAS "46072" from 52°02′N 172°05′W to 51°38′N 172°09′W
(See 34/03-523)
(NTM0022/2003)

523 8Ed. 7/6/96 LAST NM 50/03 11/04
Delete R Bn 57°10′N 156°37′E
(25(3965)03 St. Petersburg)

523 8Ed. 7/6/96 LAST NM 11/04 20/04
Delete R Bn 54°44′N 162°07′E
(36(5870)03 St. Petersburg)

523 8Ed. 7/6/96 LAST NM 20/04 26/04
Add Superbuoy ODAS [Q58] "PICO" Y, Fl Y 4s (Priv) 20°30′N 158°02′W
(21/04 CG14)

523 8Ed. 7/6/96 LAST NM 26/04 44/04
Relocate Superbuoy ODAS "46066" from 53°15′N 155°09′W to 52°42′N 155°01′W

Add Superbuoy ODAS [Q58] "46071" Y, Fl(4) Y 20s 51°19′N 179°06′E
(34/04 CG17; NTM0002/2004)

523 8Ed. 7/6/96 LAST NM 44/04 52/04
Delete Depth 8 1/2 fathoms 21°35′N 120°34′E
Depth 11 fathoms 21°20′N 121°19′E
(43(1107)04 Tokyo)

523 8Ed. 7/6/96 LAST NM 52/04 9/05
Delete Depth 11 fathoms 21°32′N 121°16′E
(30(782)04 Tokyo)

523 8Ed. 7/6/96 LAST NM 9/05 27/05
Relocate Superbuoy ODAS "46071" from 51°19′N 179°06′E to 51°10′N 179°01′E
(See 44/04-523)
(20/05 CG17)

523 8Ed. 7/6/96 LAST NM 27/05 28/05
Add Superbuoy ODAS [Q58] "46073" Y, Fl(4) Y 20s 54°57′N 172°02′W
(NOS)

523 8Ed. 7/6/96 LAST NM 28/05 33/05
Substitute Depth 250 fathoms for 340 fathoms 21°44′N 158°38′W
(NTM0013/2005)

523 8Ed. 7/6/96 LAST NM 33/05 43/05
Delete Depth 89 fathoms 25°30′N 127°57′E
(Jpn CH W1203)

523 8Ed. 7/6/96 LAST NM 43/05 53/05
Add Danger circle [K1] "seismometer" 33°46′N 137°36′E
(BA CH 996)

523 8Ed. 7/6/96 LAST NM 53/05 29/06
Add Depth 1383 fathoms "Rep (2005)" 20°22′N 178°15′W
Depth 2608 fathoms "Rep (2005)" 20°28′N 176°31′W
Depth 1587 fathoms "Rep (2005)" 20°28′N 176°22′W
Depth 2250 fathoms "Rep (2005)" 22°45′N 176°17′W
Depth 1984 fathoms "Rep (2005)" 20°11′N 174°17′W
Depth 1523 fathoms "Rep (2005)" 20°44′N 172°33′W
Depth 1379 fathoms "Rep (2005)" 20°32′N 172°04′W
Depth 840 fathoms (PD) 19°35′N 164°59′W
(NTM0024/2006; US CH 19007)

523 8Ed. 7/6/96 LAST NM 29/06 42/06
Delete R Bn 38°57′N 139°49′E

Legend "RDF" 38°17′N 141°35′E
Note: Ramark remains
Legend "R Bn" 33°15′N 134°11′E
Note: Ramark remains
(36(1063, 1064, 1066)06 Tokyo)

523 8Ed. 7/6/96 LAST NM 42/06 3/07
Delete R Bn 25°09′N 121°45′E
(149/06 Tso-ying)

523 8Ed. 7/6/96 LAST NM 3/07 2/08
Add Superbuoy DART [Q26] "21415" RW, Fl(4) Y 20s 50°10′N 171°50′W
(31/07 CG17)

★524 12Ed. 1/27/96 NEW EDITION 23/96
Add Dashed-line circle with legend "Volcanic Activity Rep (1995)" 15°34′N 145°43′E

(continued on next page)

524 (Continued) 23/96
Dangerous wreck 9°22′N 107°58′E
(Previously published 8/96)

Add Depth
16 fathoms 8°25′N 148°13′E
8¾ fathoms 8°03′N 148°34′E
(Previously published 10/96)

Delete R Bn 26°10′N 127°40′E

Add R Bn 8°50′S 115°12′E
11°03′N 118°49′E
22°37′N 120°15′E
22°41′N 121°28′E
25°18′N 121°31′E
20°18′N 106°34′E
20°40′N 106°49′E
20°37′N 107°10′E
(DMA; BA RA)

524 12Ed. 1/27/96 LAST NM 23/96 26/96
Delete R Bn (AERO) 13°43′N 100°37′E

Add R Bn (AERO) 12°40′N 101°00′E
(BA RA; BA CH 3965)

524 12Ed. 1/27/96 LAST NM 26/96 31/96
Delete Depth 18 fathoms 12°16′S 129°21′E

Add Depth 8½ fathoms 12°16′S 129°29′E
(23(315)96 Wollongong)

524 12Ed. 1/27/96 LAST NM 31/96 42/96
Add Depth
241 fathoms 9°36′N 140°26′E
222 fathoms 7°58′N 137°19′E
369 fathoms 7°44′N 137°03′E
(35(2945)96 Taunton)

524 12Ed. 1/27/96 LAST NM 42/96 51/96
Add Depth 24 fathoms 7°36′N 108°30′E
(43(3560)96 Taunton)

524 12Ed. 1/27/96 LAST NM 51/96 52/96
Delete Depth 5½ fathoms 10°20′S 141°09′E
(34(567)96 Wollongong)

524 12Ed. 1/27/96 LAST NM 52/96 4/97
Substitute Depth 50 fathoms for 202 fathoms
"Rep (1982)" 23°05′N 142°19′E

Add Depth 51 fathoms 22°12′N 141°52′E
(46(3818)96 Taunton)

524 12Ed. 1/27/96 LAST NM 4/97 7/97
Substitute Depth
4 fathoms for 3½ fathoms 14°07′S 146°48′E
7¾ fathoms for
14 fathoms "Rep (1967)" 14°15′S 146°54′E
(37(634)96 Wollongong)

524 12Ed. 1/27/96 LAST NM 7/97 8/97
Add Depth 10¾ fathoms Wk (unsurveyed) 2°38′N 105°13′E
(50(4146)96 Taunton)

524 12Ed. 1/27/96 LAST NM 8/97 38/97
Add Depth 7 fathoms 5 feet "Rep (1997)" 8°21′S 127°29′E
(GIMM043/96)

524 12Ed. 1/27/96 LAST NM 38/97 42/97
Delete Dotted-line circle "Rep (1964)" 16°18′N 109°20′E
(GIMM048/97)

524 12Ed. 1/27/96 LAST NM 42/97 33/98
Substitute Depth 6¾ fathoms for 7 fathoms
"Rep (1983)" 10°08′S 129°33′E
(10(259)98 Wollongong)

524 12Ed. 1/27/96 LAST NM 33/98 2/99
Substitute Depth 241 fathoms for 261 fathoms 16°50′N 114°50′E
(5(329)98 Taunton)

524 12Ed. 1/27/96 LAST NM 2/99 20/99
Add Danger circle "Obstn" 7°20′S 116°15′E
(26(2286)98 Taunton)

524 12Ed. 1/27/96 LAST NM 20/99 14/02
Add Depth 232 fathoms 16°32′N 129°37′E
(13(1402)01 Taunton)

524 12Ed. 1/27/96 LAST NM 14/02 18/02
Add Depth 385 fathoms 8°04′N 143°26′E
Depth 314 fathoms 6°53′N 144°49′E
(6(59)02 Wellington)

524 12Ed. 1/27/96 LAST NM 18/02 47/02
Delete R Bn (AERO) 16°51′S 145°48′E
R Bn (AERO) 19°20′S 146°48′E
(BA RA)

524 12Ed. 1/27/96 LAST NM 47/02 34/03
Delete R Bn (AERO) 12°09′S 96°49′E
(BA RA)

524 12Ed. 1/27/96 LAST NM 34/03 52/04
Delete Depth 8½ fathoms 21°35′N 120°34′E
Depth 11 fathoms 21°20′N 121°19′E
(43(1107)04 Tokyo)

524 12Ed. 1/27/96 LAST NM 52/04 9/05
Delete Depth 11 fathoms 21°32′N 121°16′E

Substitute Depth 73 fathoms for 13 fathoms
"Rep (1981) PA" 21°28′N 120°42′E
(30(782)04 Tokyo)

524 12Ed. 1/27/96 LAST NM 9/05 20/05
Delete R Bn (AERO) 15°07′N 145°43′E
(NOS)

524 12Ed. 1/27/96 LAST NM 20/05 34/05
Add Depth 115 fathoms "Rep" [I4] 12°37′N 145°31′E
Depth 239 fathoms "Rep" [I4] 13°41′N 145°30′E
Depth 234 fathoms "Rep" [I4] 15°00′N 144°17′E
(BA CH 764)

524 12Ed. 1/27/96 LAST NM 34/05 4/06
Delete Depth 239 fathoms "Rep" 13°41′N 145°30′E
(See 34/05-524)

Add Depth 309 fathoms 15°38′N 148°31′E
(NTM0007/2006; BA CH 764)

524 12Ed. 1/27/96 LAST NM 4/06 5/06
Add Danger circle "Obstn" [K40] 9°10′S 153°17′E
(NTM0009/2006)

524 12Ed. 1/27/96 LAST NM 5/06 9/06
Add Danger circle "Obstn" [K40] 8°20′N 148°09′E
(NTM0009/2006)

524 12Ed. 1/27/96 LAST NM 9/06 14/06
Add Danger circle "Obstn" [K40] 7°17′N 145°44′E
(NTM0009/2006)

524 12Ed. 1/27/96 LAST NM 14/06 18/06
Add Wreck [K29] 4°44′S 109°18′E
(2(7)06 Jakarta)

524 12Ed. 1/27/96 LAST NM 18/06 35/06
Add Danger circle [Ke] "Discol water" centered
3°53′N 105°11′E
(6(93)06 Kuala Lumpur)

524 12Ed. 1/27/96 LAST NM 35/06 3/07
Delete R Bn 25°18′N 121°31′E
R Bn 25°09′N 121°45′E
(119, 149/06 Tso-ying)

★525 3Ed. 2/5/83 NEW EDITION 17/83
Delete R Bns (AERO) 1°20′N 172°55′E
11°20′N 162°23′E
13°33′N 144°52′E

Legends "LORAN STATION" 8°43′N 167°45′E
19°19′N 166°33′E
6°55′N 134°08′E
13°22′N 144°44′E
15°09′N 145°43′E
24°45′N 141°16′E

Light flare symbols 13°22′N 144°42′E
13°32′N 144°50′E

Position dots 13°27′N 144°40′E
13°37′N 144°54′E

Random marks 8°10′N 145°18′E
13°17′N 144°53′E
(DMAHTC; US RA; NVS6905/83)

525 3Ed. 2/5/83 LAST NM 17/83 41/83
Substitute Depth 10 fathoms for
43 fathoms "Rep (1969)" 24°22′N 141°26′E
(NVS7038/83)

★525 3Ed. 2/5/83 LAST NM 41/83 45/83
Relocate Tobi Island close W to 3°00.4′N 131°07.4′E
(NVS7086/83)

525 3Ed. 2/5/83 LAST NM 45/83 11/84
Delete Legend "Rep (1967)" from
depth 12 fathoms 17°08′N 143°15′E
(NVS7198/84)

★525 3Ed. 2/5/83 LAST NM 11/84 24/84
Delete Depth 12 fathoms 23°13′N 162°18′E

Danger circles and legends
"Reef (PA-rep 1952)" 22°56′N 162°21′E
"Reef (PA-rep 1952) Uncov" 22°47′N 162°29′E
(NVS7268/84)

525 3Ed. 2/5/83 LAST NM 24/84 5/85
Add Dashed-line circle "Discol water" 20°25′N 152°12′E

Depth 16 fathoms 23°30′N 141°55′E
(Jpn CH 1004B)

525 3Ed. 2/5/83 LAST NM 5/85 27/85
Add Dashed-line circle with legend
"Sub vol (rep 1983)" 17°57.2′N 136°26.1′E
(15(1016)85 Taunton)

525 3Ed. 2/5/83 LAST NM 27/85 23/86
Delete Depth 6 fathoms 5 feet 8°05′N 146°30′E
(MCNM7760/86)

★525 3Ed. 2/5/83 LAST NM 23/86 10/87
Substitute Depth 2750 fathoms for
danger circle "ED" 20°31′N 152°49′E

Add Legend "Rep" to dashed-line circle
"Discol water" 20°25′N 152°12′E
(MCNM7903, 0001/87; Jpn CH 48)

525 3Ed. 2/5/83 LAST NM 10/87 14/87
Delete Dangerous submerged rock
"Transit (ED)" 2°48′N 132°32′E
(MCNM7930/87)

525 3Ed. 2/5/83 LAST NM 14/87 21/87
Add Stranded wreck 1°07′N 154°39′E
(11(863)87 Taunton)

525 3Ed. 2/5/83 LAST NM 21/87 48/87
Delete Depth 640 fathoms 3°52.0′N 128°08.0′E

Add Depth 248 fathoms 3°47.0′N 128°08.0′E
(MCNM0003/87)

525 3Ed. 2/5/83 LAST NM 48/87 26/89
Add Danger circle "Breakers Rep (1989)" 1°45′N 152°02′E
(9(745)89 Taunton)

525 3Ed. 2/5/83 LAST NM 26/89 3/93
Add Depth 7 fathoms "Rep (1991)" 1°05′N 170°31′E
(MCC1226/93)

525 3Ed. 2/5/83 LAST NM 3/93 16/93
Add Depth
22 fathoms "Rep (1988)" 3°35′N 133°57′E
16 fathoms "Rep (1985)" 0°05′N 135°08′E
(50(60)92 Brest)

525 3Ed. 2/5/83 LAST NM 16/93 34/93
Add Danger circle "Breakers Rep (1991)" 0°24′N 152°00′E
(MCC1265/93)

525 3Ed. 2/5/83 LAST NM 34/93 53/94
Add Danger circle
"Discol Water Rep (1992)" 19°45′N 145°43′E
(MCC1306/94)

525 3Ed. 2/5/83 LAST NM 53/94 41/95
Delete R Bn (AERO) 7°28′N 151°50′E
6°58′N 158°13′E

(BA RA)

525 3Ed. 2/5/83 LAST NM 41/95 43/95
Delete Depth 895 fathoms 6°42′N 142°43′E

Add Depth
185 fathoms 6°39′N 142°34′E
253 fathoms 11°20′N 138°35′E
(35(2901)95 Taunton)

525 3Ed. 2/5/83 LAST NM 43/95 8/96
Substitute Dashed-line circle with legend
"Volcanic Activity Rep (1995)"
for depth 115 fathoms 15°34′N 145°32′E
(SMEA016/96)

525 3Ed. 2/5/83 LAST NM 8/96 10/96
Add Depth
16 fathoms 8°25′N 148°13′E
8 fathoms 4 feet 8°03′N 148°34′E
(3(201)96 Taunton)

525 3Ed. 2/5/83 LAST NM 10/96 25/96
Add R Bn (AERO) 1°28.1′N 173°08.1′E
(BA RA; BA CH 700)

525 3Ed. 2/5/83 LAST NM 25/96 42/96
Add Depth
241 fathoms 9°36′N 140°26′E
222 fathoms 7°58′N 137°19′E
369 fathoms 7°44′N 137°03′E
(35(2945)96 Taunton)

525 3Ed. 2/5/83 LAST NM 42/96 4/97
Delete Depth 202 fathoms
"unexamined Rep (1982)" 23°04′N 142°19′E

Add Depth
54 fathoms 23°45′N 141°44′E
50 fathoms 23°05′N 142°20′E
51 fathoms 22°12′N 141°52′E
(46(3818)96 Taunton)

525 3Ed. 2/5/83 LAST NM 4/97 5/97
Delete Depth 10 fathoms 24°22′N 141°26′E

(continued on next page)

525 (Continued) 5/97
Add Depth 40 fathoms with legend
"Kita-Hukutoku Tai (Vol)" 24°25′N 141°25′E
(50(2358)96 Tokyo)

525 3Ed. 2/5/83 LAST NM 5/97 45/98
Add Legend "CAUTION NO 4" 20°17′N 136°45′E

Caution No. 4 to CAUTIONS note in
right upper margin of chart
"4. Mariners are advised that
Okino-Tori-shima (20°25′N 136°05′E)
should be given a wide berth.
See Sailing Directions."
(4(317)98 Taunton)

525 3Ed. 2/5/83 LAST NM 45/98 14/02
Add Depth 232 fathoms enclosed by depth contour
(1000-fathom) 16°32′N 129°37′E
(13(1402)01 Taunton)

525 3Ed. 2/5/83 LAST NM 14/02 18/02
Add Depth 314 fathoms enclosed by depth contour
(1000-fathom) 6°53′N 144°49′E
(6(59)02 Wellington)

525 3Ed. 2/5/83 LAST NM 18/02 40/03
Add Dashed-line circle with blue tint and legend
"Discolored Water Reported (2003)" (PA)
24°18′N 141°59′E
(NTM0028/2003)

525 3Ed. 2/5/83 LAST NM 40/03 20/05
Delete R Bn (AERO) 15°10′N 145°42′E
(NOS)

525 3Ed. 2/5/83 LAST NM 20/05 26/05
Add Depth 1686 fathoms "Rep (2004)" 15°22′N 160°54′E
Depth 1830 fathoms "Rep (2004)" 16°01′N 170°51′E
(NTM0025/2005)

525 3Ed. 2/5/83 LAST NM 26/05 28/05
Add Depth 2110 fathoms "Rep (2005)" 21°55′N 159°42′E
(NTM0023/2005)

525 3Ed. 2/5/83 LAST NM 28/05 29/05
Add Dashed-line circle [Ke]
"Discolored water Rep (2005)" 24°17′N 141°29′E
(NTM0026/2005)

525 3Ed. 2/5/83 LAST NM 29/05 34/05
Add Depth 115 fathoms "Rep" [I4] 12°37′N 145°31′E
Depth 239 fathoms "Rep" [I4] 13°41′N 145°30′E
Depth 234 fathoms "Rep" [I4] 15°00′N 144°17′E
(BA CH 764)

525 3Ed. 2/5/83 LAST NM 34/05 49/05
Add Dashed-line circle "Discolored water Rep"
[Ke] 10°07′N 162°52′E
(NTM0037/2005)

525 3Ed. 2/5/83 LAST NM 49/05 4/06
Delete Depth 239 fathoms "Rep" 13°41′N 145°30′E
(See 34/05-525)

Add Depth 309 fathoms 15°38′N 148°31′E
(NTM0007/2006; BA CH 764)

525 3Ed. 2/5/83 LAST NM 4/06 9/06
Add Danger circle "Obstn" [K40] 8°20′N 148°09′E
(NTM0009/2006)

525 3Ed. 2/5/83 LAST NM 9/06 14/06
Add Danger circle "Obstn" [K40] 7°17′N 145°44′E
(NTM0009/2006)

★526 10Ed. 3/23/96 NEW EDITION 25/96
Delete R Bn (AERO) 11°40′S 160°05′E
(Previously published 15/96)

Add Legend "Submarine volcano (1996)" 20°59′S 170°17′E
(Previously published 17/96)

Delete R Bn (AERO) 2°39′S 176°50′E
0°33′S 166°58′E
(Previously published 21/96)

Delete Danger circle 22°01′S 176°25′W

R Bn 21°12′S 175°10′W
23°50′N 166°12′W

R Bn (AERO) 5°29′S 154°43′E
19°15′S 146°45′E
9°46′S 139°01′W
8°50′S 140°12′W
14°26′S 146°04′W
18°05′S 141°00′W
23°22′S 149°32′W
10°22′S 161°00′W
14°14′S 178°08′W

Add R Bn (AERO) 1°29′N 173°08′E
(DMA; 8(76)95 Auckland; BA RA)

526 10Ed. 3/23/96 LAST NM 25/96 28/96
Delete Depth 31 fathoms 14°46′S 147°47′W
(12(50)96 Brest)

526 10Ed. 3/23/96 LAST NM 28/96 42/96
Add Depth
241 fathoms 9°36′N 140°26′E
222 fathoms 7°58′N 137°19′E
369 fathoms 7°44′N 137°03′E
(35(2945)96 Taunton)

526 10Ed. 3/23/96 LAST NM 42/96 50/96
Substitute Depth 164 fathoms for 1039 fathoms 24°04′S 168°34′E

Add Depth
289 fathoms 19°13′S 164°54′E
166 fathoms 17°32′S 169°23′E

Danger circle (ED) 22°06′S 159°45′E
(34(38)96 Brest)

526 10Ed. 3/23/96 LAST NM 50/96 52/96
Delete Depth 5½ fathoms 10°13′S 140°50′E

Add Depth
268 fathoms 8°09′S 141°23′W
29 fathoms 10°13′S 137°55′W
(34(567)96 Wollongong; Fr CH 7371)

526 10Ed. 3/23/96 LAST NM 52/96 4/97
Substitute Depth 50 fathoms for 202 fathoms
"unexamined Rep (1982)" 23°05′N 142°19′E

Add Depth 51 fathoms 22°12′N 141°52′E
(46(3818)96 Taunton)

526 10Ed. 3/23/96 LAST NM 4/97 6/97
Substitute Depth 40 fathoms with legend
"Kita-Hukutoku Tai (Volcano)"
for 43 fathoms "Rep (1969)" 24°25′N 141°25′E
(51(2392)96 Tokyo)

526 10Ed. 3/23/96 LAST NM 6/97 7/97
Delete Depth 14 fathoms "Rep (1967)" 14°20′S 146°55′E

Substitute Depth 4 fathoms for 3½ fathoms 14°07′S 146°48′E

Add Depth
7¾ fathoms 14°15′S 146°54′E
213 fathoms 23°31′S 136°00′W
(37(634)96 Wollongong; 33(30)96 Brest)

526 10Ed. 3/23/96 LAST NM 7/97 12/97
Add Depth 68 fathoms 28°54′N 178°37′W
(GIMM015/97)

526 10Ed. 3/23/96 LAST NM 12/97 17/97
Delete Danger circle (ED) 22°06′S 159°45′E
(See 50/96-526)
(4(98)97 Wollongong)

526 10Ed. 3/23/96 LAST NM 17/97 23/97
Add Dotted-line circle
"Breakers Rep (1987)" 1°20′S 151°12′E
(5(120)97 Wollongong)

526 10Ed. 3/23/96 LAST NM 23/97 24/97
Delete Depth
630 fathoms 9°17′S 160°41′E
27 fathoms "Rep (1967)" 23°23′S 167°06′E

Add Depth
321 fathoms 9°18′S 160°37′E
199 fathoms "Rep (1981)" 8°34′S 160°08′E
(13(1186)97 Taunton; 8(36)97 Brest)

526 10Ed. 3/23/96 LAST NM 24/97 26/97
Delete Depth 1170 fathoms 27°15′S 177°13′W

Substitute Depth 284 fathoms for 372 fathoms 20°35′S 177°10′W

Add Depth 289 fathoms 27°13′S 177°18′W
(16(138)97 Auckland)

526 10Ed. 3/23/96 LAST NM 26/97 29/97
Add Depth 10 fathoms "Rep (1997)" 27°24′S 179°14′W
(23(196)97 Auckland)

526 10Ed. 3/23/96 LAST NM 29/97 50/97
Add Depth 58 fathoms "Rep (1977)" 3°29′S 143°58′E
(20(549)97 Wollongong)

526 10Ed. 3/23/96 LAST NM 50/97 5/98
Delete Dotted-line circle
"Rf (rep 1955) (breaks)" 28°01′N 142°28′E
(36(1640)97 Tokyo)

526 10Ed. 3/23/96 LAST NM 5/98 26/98
Delete Depth 38 fathoms and legend
"Volcanic...1990)" 25°53′S 177°09′W

Add Depth 3 fathoms with legend
"Volcanic activity Rep (1998)" 25°53′S 177°11′W
(GIMM016/98)

526 10Ed. 3/23/96 LAST NM 26/98 52/99
Add Depth 69 meters [I10] 22°32′S 161°19′E
Danger circle "Shoal Rep (1999)" [I4] 19°50′S 176°05′W
(43(411), 44(418)99 Auckland)

526 10Ed. 3/23/96 LAST NM 52/99 5/00
Delete R Bn (AERO) 17°30′S 149°30′W
(BA RA)

526 10Ed. 3/23/96 LAST NM 5/00 12/00
Relocate R Bn (AERO) from 28°12′N 177°18′W to
28°12′N 177°22′W
(NOS)

526 10Ed. 3/23/96 LAST NM 12/00 29/00
Add Depth 1990 fathoms "Rep (2000)" (PA) 20°34′N 159°23′W
(NTM0013/2000)

526 10Ed. 3/23/96 LAST NM 29/00 31/00
Add Depth 245 fathoms "Rep (2000)" 20°24′N 157°01′W
(NTM0013/2000)

526 10Ed. 3/23/96 LAST NM 31/00 32/00
Delete Legend "11 to 33 (1965)" 8°24′S 140°56′W

Substitute Depth 26 fathoms for 21 fathoms 7°55′S 140°58′W

Add Depth 14 fathoms 8°22′S 140°54′W
(4(21)99 Brest)

526 10Ed. 3/23/96 LAST NM 32/00 15/01
Substitute Depth ¼ fathom for islet "Ile de Sable" 7°52′S 140°23′W

Add Depth 656 fathoms "Rep (2000)" [I3.2] 5°53′N 165°22′W

Depth 323 fathoms "Sub vol" enclosed by
danger circle 14°13′S 169°04′W
(44(52)00 Brest; 42(4094)00 Taunton; NTM0013/2001)

526 10Ed. 3/23/96 LAST NM 15/01 28/01
Delete Depth 14 fathoms 27°25′S 143°57′W
Depth 28 fathoms 27°23′S 143°47′W
Depth 20 fathoms "Rep (1972)" 27°43′S 143°18′W

Add Depth 16 fathoms 27°26′S 144°01′W
(14(42)01 Brest)

526 10Ed. 3/23/96 LAST NM 28/01 39/01
Delete Depth 186 fathoms 14°30′S 152°14′W

Add Depth 5 fathoms "Rep (2001)" [I3.2] 15°57′S 175°39′E
(20(168, 169)01 Wellington)

526 10Ed. 3/23/96 LAST NM 39/01 7/02
Substitute Depth 7 fathoms for 4 fathoms 8°05′S 139°38′W

Depth 5 fathoms for 1½ fathoms "Rep (1950)"
8°42′S 140°48′W
(13(41)01 Brest)

526 10Ed. 3/23/96 LAST NM 7/02 9/02
Change Legend to "Vol Act (2001)" 18°19′S 174°21′W
(2(27)02 Wellington)

526 10Ed. 3/23/96 LAST NM 9/02 12/02
Add Danger circle [K1] "Volcanic Activity Rep
(2001)" 18°47′S 179°11′E
(3(34)02 Wellington)

526 10Ed. 3/23/96 LAST NM 12/02 18/02
Add Depth 385 fathoms 8°04′N 143°26′E
Depth 314 fathoms 6°53′N 144°49′E
(6(59)02 Wellington)

526 10Ed. 3/23/96 LAST NM 18/02 47/02
Delete R Bn (AERO) 21°10′S 149°11′E
R Bn (AERO) 16°51′S 145°48′E
(BA RA)

526 10Ed. 3/23/96 LAST NM 47/02 6/03
Delete Depth 10 fathoms 12°53′S 175°35′W

Add Depth 8 fathoms 12°57′S 175°40′W
(47(4391)99 Taunton)

526 10Ed. 3/23/96 LAST NM 6/03 26/04
Relocate Superbuoy ODAS "51002" from
17°06′N 157°49′W to 17°09′N 157°47′W

Add Superbuoy ODAS [Q58] "PICO" Y, Fl Y 4s
(Priv) 20°30′N 158°02′W
(21/04 CG14; NTM0002/2004)

526 10Ed. 3/23/96 LAST NM 26/04 11/05
Add "Restricted Area - Coastal shipping and
dredging prohibited" bound by purple
composite line [N2.1] joining 23°15′S 167°00′E
23°15′S 169°00′E
25°30′S 169°00′E
25°30′S 167°00′E
(23(33)04 Brest)

526 10Ed. 3/23/96 LAST NM 11/05 17/05
Change Legend to "Restricted Area - Coastal shipping,
trawling and dredging prohibited" 24°30′S 168°00′E
(See 11/05-526)
(16(159)04 Wellington)

526 10Ed. 3/23/96 LAST NM 17/05 20/05
Delete R Bn (AERO) 15°10′N 145°48′E

Add Depth 424 fathoms 18°59′S 154°06′W
Depth 327 fathoms 18°48′S 152°15′W
(NOS; 17(167)04 Wellington)

526 10Ed. 3/23/96 LAST NM 20/05 21/05
Add Depth 216 fathoms 15°17′S 135°08′W
Depth 299 fathoms 23°32′S 135°34′W
(19(179)04 Wellington)

526 10Ed. 3/23/96 LAST NM 21/05 26/05
Delete Depth 15 fathoms "Rep (1945)" PA 23°34′S 154°15′E
Danger circle "Breakers" 23°58′S 154°24′E

Add Depth 1686 fathoms "Rep (2004)" 15°22′N 160°54′E
Depth 1830 fathoms "Rep (2004)" 16°01′N 170°51′E
Depth 2170 fathoms "Rep (2004)" 19°01′N 134°33′W
(NTM0025/2005; Aus CH 426)

526 10Ed. 3/23/96 LAST NM 26/05 33/05
Substitute Depth 250 fathoms for 340 fathoms 21°44′N 158°38′W
(NTM0013/2005)

526 10Ed. 3/23/96 LAST NM 33/05 34/05
Add Depth 115 fathoms "Rep" [I4] 12°37′N 145°31′E
Depth 239 fathoms "Rep" [I4] 13°41′N 145°30′E
Depth 234 fathoms "Rep" [I4] 15°00′N 144°17′E
(BA CH 764)

526 10Ed. 3/23/96 LAST NM 34/05 37/05
Delete Depth 287 fathoms and legend "Rep (1978)"
18°12′S 153°57′W

Substitute Depth 252 fathoms for 164 fathoms 19°13′S 151°30′W
Depth 197 fathoms for 230 fathoms 21°33′S 155°27′W

Add Depth 540 fathoms 20°47′S 150°48′W
Depth 478 fathoms 23°17′S 149°54′W
Depth 458 fathoms 21°48′S 151°30′W
Depth 516 fathoms 21°15′S 150°44′W
(16(147, 148)05 Wellington)

526 10Ed. 3/23/96 LAST NM 37/05 43/05
Delete Depth 2220 fathoms 25°30′S 150°35′W

Add Depth 107 fathoms 25°31′S 150°30′W
(19(181)05 Wellington)

526 10Ed. 3/23/96 LAST NM 43/05 46/05
Substitute Depth 12 fathoms for 18 fathoms "Rep (1964)"
16°40′S 178°38′W
(NTM0031/2005)

526 10Ed. 3/23/96 LAST NM 46/05 5/06
Delete Depth 239 fathoms "Rep" 13°41′N 145°30′E
(See 34/05-526)

Add Depth 309 fathoms "Rep" [I4] 15°38′N 148°31′E
(NTM0007/2006; BA CH 764)

526 10Ed. 3/23/96 LAST NM 5/06 6/06
Add Danger circle "Obstn" [K40] 9°10′S 153°17′E
(NTM0009/2006)

526 10Ed. 3/23/96 LAST NM 6/06 9/06
Add Danger circle "Obstn" [K40] 8°20′N 148°09′E
(NTM0009/2006)

526 10Ed. 3/23/96 LAST NM 9/06 14/06
Add Danger circle "Obstn" [K40] 7°17′N 145°44′E
(NTM0009/2006)

526 10Ed. 3/23/96 LAST NM 14/06 20/06
Substitute Depth 4 fathoms for 9 fathoms 16°05′S 173°50′W
(42(51)04 Brest)

526 10Ed. 3/23/96 LAST NM 20/06 25/06
Add Depth 20 fathoms enclosed by depth contour
(100-fathom) centered 23°12′S 159°27′E
(11(115)06 Wellington)

526 10Ed. 3/23/96 LAST NM 25/06 29/06
Add Depth 1383 fathoms "Rep (2005)" 20°22′N 178°15′W
Depth 2608 fathoms "Rep (2005)" 20°28′N 176°31′W
Depth 1587 fathoms "Rep (2005)" 20°28′N 176°22′W
Depth 2250 fathoms "Rep (2005)" 22°45′N 176°17′W
Depth 1984 fathoms "Rep (2005)" 20°11′N 174°17′W
Depth 1523 fathoms "Rep (2005)" 20°44′N 172°33′W
Depth 1379 fathoms "Rep (2005)" 20°32′N 172°04′W
Depth 840 fathoms (PD) 19°35′N 164°59′W
(NTM0024/2006; US CH 19007)

526 10Ed. 3/23/96 LAST NM 29/06 32/07
Delete Dangerous submerged rocks (2) and legend
"Schjetman...1945)" in vicinity 16°08′N 178°58′W

Danger circle and legend "ED...1945)" 16°28′N 178°21′W
(NTM0018/2007)

★530 32Ed. 6/07 NEW EDITION 32/07
(NOS)

530 32Ed. 6/07 LAST NM 32/07 36/07
Add Superbuoy ODAS [Q58] "46053" Y,
Fl(4) Y 20s 34°14′N 119°51′W
(9/07 CG11)

530 32Ed. 6/07 LAST NM 36/07 48/07
Relocate Superbuoy ODAS "46041" from
47°26′N 124°30′W to 47°20′N 124°44′W
and delete legend "(PA)"
(42/07 CG13)

530 32Ed. 6/07 LAST NM 48/07 2/08
Add Superbuoy DART [Q26] "21415" RW,
Fl(4) Y 20s 50°10′N 171°50′W
(31/07 CG17)

530 32Ed. 6/07 LAST NM 2/08 3/08
Substitute Depth 13 fathoms for 8 fathoms 53°18′N 135°39′W
(NOS)

★531 24Ed. 7/07 NEW EDITION 36/07
(NOS)

★532 17Ed. 2/3/96 NEW EDITION 15/96
(DMA)

532 17Ed. 2/3/96 LAST NM 15/96 32/96
Add Submarine cable joining 57°09′N 156°47′E
57°19′N 156°26′E
57°50′N 154°30′E
(24(1995)96 Taunton)

532 17Ed. 2/3/96 LAST NM 32/96 34/96
Delete R Bn and legend "Consol Bn" 50°49′N 156°26′E
(BA RA)

532 17Ed. 2/3/96 LAST NM 34/96 50/96
Add Wreck (PA) 56°49′N 162°36′W
(45/96 CG17)

532 17Ed. 2/3/96 LAST NM 50/96 22/99
Relocate Superbuoy ODAS "46035" close SW to 56°55′N 177°49′W
(GIMM021/99)

532 17Ed. 2/3/96 LAST NM 22/99 4/01
Delete Depth 1 1/4 fathoms "(rep. 1851)" (ED) 64°15′N 178°01′W
(NTM0055/2000)

532 17Ed. 2/3/96 LAST NM 4/01 7/01
Delete R Bn 66°01′N 169°43′W
R Bn 65°28′N 171°04′W
(43(7170, 7171)00 St. Petersburg)

532 17Ed. 2/3/96 LAST NM 7/01 13/01
Delete R Bn 65°04′N 172°06′W
(44(7355)00 St. Petersburg)

532 17Ed. 2/3/96 LAST NM 13/01 40/01
Add Wreck [K29] 58°56′N 175°53′W
(32/01 CG17)

532 17Ed. 2/3/96 LAST NM 40/01 44/01
Add Superbuoy ODAS [Q58] "46066" Y, Fl(4) Y 20s 52°39′N 155°00′W
(NOS)

532 17Ed. 2/3/96 LAST NM 44/01 5/02
Add Superbuoy ODAS [Q58] Y, Fl Y 4s 50°27′N 165°02′W
Superbuoy ODAS [Q58] Y, Fl Y 4s 52°34′N 157°10′W
(32/01 CG13)

532 17Ed. 2/3/96 LAST NM 5/02 17/02
Delete R Bn 57°09′N 170°16′W
(NOS)

532 17Ed. 2/3/96 LAST NM 17/02 38/02
Delete Superbuoy ODAS "46035" 56°55′N 177°49′W

Add Superbuoy ODAS [Q58] "46072" Y, Fl(4) Y 20s 52°02′N 172°04′W
(NTM0031/2002)

532 17Ed. 2/3/96 LAST NM 38/02 34/03
Relocate Superbuoy ODAS "46066" from 52°39′N 155°00′W to 53°15′N 155°09′W

Add Superbuoy ODAS [Q58] "46035" Y, Fl(4) Y 20s 57°03′N 177°35′W
(26/03 CG17)

532 17Ed. 2/3/96 LAST NM 34/03 50/03
Relocate Superbuoy ODAS "46072" from 52°02′N 172°04′W to 51°38′N 172°09′W
(NTM0022/2003)

532 17Ed. 2/3/96 LAST NM 50/03 11/04
Delete R Bn 57°14′N 156°37′E
(25(3965)03 St. Petersburg)

532 17Ed. 2/3/96 LAST NM 11/04 15/04
Delete R Bn 64°24′N 172°15′W
R Bn 64°20′N 173°34′W
(34(5550, 5551)03 St. Petersburg)

532 17Ed. 2/3/96 LAST NM 15/04 20/04
Delete R Bn 54°44′N 162°07′E
(36(5870)03 St. Petersburg)

532 17Ed. 2/3/96 LAST NM 20/04 44/04
Relocate Superbuoy ODAS "46066" from 53°15′N 155°09′W to 52°42′N 155°01′W

Add Superbuoy ODAS [Q58] "46071" Y, Fl(4) Y 20s 51°19′N 179°06′E
(34/04 CG17; NTM0002/2004)

532 17Ed. 2/3/96 LAST NM 44/04 27/05
Relocate Superbuoy ODAS "46071" from 51°19′N 179°06′E to 51°10′N 179°01′E
(See 44/04-532)
(20/05 CG17)

532 17Ed. 2/3/96 LAST NM 27/05 28/05
Add Superbuoy ODAS [Q58] "46073" Y, Fl(4) Y 20s 54°57′N 172°02′W
(NOS)

532 17Ed. 2/3/96 LAST NM 28/05 2/08
Add Superbuoy DART [Q26] "21415" RW, Fl(4) Y 20s 50°10′N 171°50′W
(31/07 CG17)

★540 18Ed. 3/07 NEW EDITION 19/07
(NOS)

540 18Ed. 3/07 LAST NM 19/07 21/07
Change Visibility (range) of light to 13M 21°28′N 157°46′W
(18/07 CG14)

540 18Ed. 3/07 LAST NM 21/07 32/07
Delete Rocks (3), blue tint, enclosing danger circle and depth curve and legend "Schjetman...found" in vicinity 16°08′N 178°58′W

Blue tint, enclosing dashed-line circle and legend "ED...(1945)" 16°27′N 178°21′W

Substitute Dashed-line circle "Discolored water rep (1944)" [Ke] for depth 5 fathoms "Rep (1944)" 14°31′N 179°00′W
(US CH 521; NTM0018/2007)

540 18Ed. 3/07 LAST NM 32/07 36/07
Relocate Superbuoy ODAS "51003" from 19°13′N 160°49′W to 19°05′N 160°40′W
(32/07 CG14)

540 18Ed. 3/07 LAST NM 36/07 45/07
Delete Buoy "DART" 20°30.4′N 157°54.7′W
(14/07 CG14)

★541 2Ed. 12/18/76 NEW EDITION 8/77
(DMAHC)

541 2Ed. 12/18/76 LAST NM 8/77 22/77
Add Danger circle "Shoal Rep (1977)" 7°47′S 170°23′W
(14(843)77 Taunton)

★541 2Ed. 12/18/76 LAST NM 22/77 40/77
Delete Submerged submarine transit lanes "ST-1" 22°00′N 157°30′W
and ST-2, ST-4, ST-5, ST-6, ST-7, ST-8

Legends "SEE CAUTION" 20°37′N 154°18′W
19°40′N 159°30′W

Caution note 13°05′N 173°25′W
(DMAHC)

541 2Ed. 12/18/76 LAST NM 40/77 21/80
Add Depth 200 fathoms "Rep (1979)" 5°24.0′S 173°56.6′W
(NVS6111/80)

541 2Ed. 12/18/76 LAST NM 21/80 32/80
Add Depth 190 fathoms "Rep (1968)" 2°40′S 174°04′W
(NVS6179/80)

541 2Ed. 12/18/76 LAST NM 32/80 41/80
Add Depth 32 fathoms 14°12′S 170°57′W
(NZ CH 4606)

541 2Ed. 12/18/76 LAST NM 41/80 43/80
Add Depth 22 fathoms "Rep (1965)" (PA) 8°05′N 160°10′W
(BA CH 782)

541 2Ed. 12/18/76 LAST NM 43/80 39/81
Add R Bn (AERO) 13°14′S 176°10′W
(Fr CH 6876)

541 2Ed. 12/18/76 LAST NM 39/81 43/81
Add Depths
23 fathoms "Rep (1981)" (PA) 13°43.6′S 171°35.3′W
24 fathoms "Rep (1981)" (PA) 13°58.3′S 171°19.1′W
(NVS6511, 6513/81)

541 2Ed. 12/18/76 LAST NM 43/81 12/82
Add Depth 328 fathoms 14°58′S 172°12′W
(3(33)82 Auckland)

541 2Ed. 12/18/76 LAST NM 12/82 35/82
Delete Danger circle "Breakers Rep (1945)" 1°58′S 174°51′W
(NVS6728/82)

★**541** 2Ed. 12/18/76 LAST NM 35/82 52/84
Add Superbuoys, each ODAS, yellow, Fl(4) Y 20s
"51002" 17°11.4′N 157°49.8′W
"51003" 19°11.0′N 160°49.2′W
"51004" 17°31.9′N 152°37.1′W
(39, 46, 47/84 CG14)

541 2Ed. 12/18/76 LAST NM 52/84 19/85
Add Depth 120 fathoms "Rep (1984)" 9°29.4′N 160°58.0′W
(NVS7391/85)

541 2Ed. 12/18/76 LAST NM 19/85 6/86
Delete Depths
23 fathoms "Rep (1981)" (PA) 13°43.6′S 171°35.3′W
18 fathoms "Rep (1963)" 14°25.0′S 171°18.0′W

Add Depths
172 fathoms 12°16.6′S 173°58.3′W
207 fathoms 13°15.0′S 173°07.2′W
448 fathoms 14°25.0′S 171°18.0′W
(HNNM7671/86)

541 2Ed. 12/18/76 LAST NM 6/86 45/86
Add Danger circle "Breakers (rep 1986)" (PA) 13°23′S 166°12′W
(37(265)86 Auckland)

541 2Ed. 12/18/76 LAST NM 45/86 52/86
Delete Danger circle "Sandbar Rep (1945)" 0°47′S 174°44′W

Change Legend to "Reef Rep (1954)" 0°55′S 175°06′W

Add Depth 12 fathoms "Rep (1986)" 1°46′S 174°39′W
(MCNM7846/86)

541 2Ed. 12/18/76 LAST NM 52/86 7/88
Add Depth 6 fathoms 1°38′N 173°03′W
(MCNM8048/88)

541 2Ed. 12/18/76 LAST NM 7/88 11/88
Add Depth 255 fathoms 21°54′N 159°56′W
(MCNM8066/88)

541 2Ed. 12/18/76 LAST NM 11/88 19/88
Add Depths
351 fathoms 2°05′N 164°26′W
350 fathoms 0°43′S 170°37′W
200 fathoms 0°59′S 170°40′W
(MCNM8089, 8091/88)

541 2Ed. 12/18/76 LAST NM 19/88 43/88
Substitute Depth 92 fathoms for 812 fathoms 2°52′N 158°46′W
(MCNM8152/88)

541 2Ed. 12/18/76 LAST NM 43/88 12/89
Delete Depths
39 fathoms "Rep (1961)" 13°27′S 172°50′W
15 fathoms 13°52′S 171°14′W
24 fathoms "Rep (1981)" (PA) 13°58′S 171°19′W
(4(30)89 Auckland)

541 2Ed. 12/18/76 LAST NM 12/89 22/91
Relocate Superbuoy ODAS "51004"
(17°31.9′N 152°37.1′W) to 17°32.3′N 152°28.7′W
(10/91 CG14)

541 2Ed. 12/18/76 LAST NM 22/91 34/91
Relocate Superbuoy ODAS "51004"
(17°32.3′N 152°28.7′W) to 17°26.1′N 152°20.4′W
(See 22/91-541)
(30/91 CG14)

541 2Ed. 12/18/76 LAST NM 34/91 36/91
Relocate Superbuoy ODAS "51003"
(19°11.0′N 160°49.2′W) to 19°15.5′N 160°47.3′W
(MCNM1098/91)

541 2Ed. 12/18/76 LAST NM 36/91 13/92
Relocate Superbuoy ODAS "51004"
(17°26.1′N 152°20.4′W) to 17°26.1′N 152°30.4′W
(See 34/91-541)
(10/92 CG14)

541 2Ed. 12/18/76 LAST NM 13/92 33/93
Add R Bn (AERO) 10°22′S 161°00′W
(24(184)93 Auckland)

541 2Ed. 12/18/76 LAST NM 33/93 21/95
Substitute Depth 14 fathoms for 17 fathoms and delete legend "unsurveyed" 12°32′S 174°21′W
(NZ CH 14605)

★**541** 2Ed. 12/18/76 LAST NM 21/95 37/99
Add Superbuoy ODAS "51028" Y, Fl(4) Y 20s 0°00′ 153°53′W
(NTM0003/1999)

541 2Ed. 12/18/76 LAST NM 37/99 29/00
Add Depth 1990 fathoms "Rep (2000)" (PA) 20°34′N 159°23′W
(NTM0013/2000)

541 2Ed. 12/18/76 LAST NM 29/00 31/00
Add Depth 245 fathoms "Rep (2000)" 20°24′N 157°01′W
(NTM0013/2000)

541 2Ed. 12/18/76 LAST NM 31/00 15/01
Add Depth 656 fathoms "Rep (2000)" [I3.2] 5°53′N 165°22′W

Depth 323 fathoms "Sub vol" enclosed by danger circle 14°13′S 169°04′W
(42(4094)00 Taunton; NTM0013/2001)

541 2Ed. 12/18/76 LAST NM 15/01 6/03
Substitute Depth 8½ fathoms for 10 fathoms 12°57′S 175°40′W
(47(4391)99 Taunton)

541 2Ed. 12/18/76 LAST NM 6/03 26/04
Relocate Superbuoy ODAS "51002" from 17°11′N 157°50′W to 17°09′N 157°47′W

Add Superbuoy ODAS [Q58] "PICO" Y, Fl Y 4s (Priv) 20°30′N 158°02′W
(21/04 CG14; NTM0002/2004)

541 2Ed. 12/18/76 LAST NM 26/04 16/05
Add Depth 473 fathoms "rep (2005)" 21°44′N 157°46′W
(NTM0013/2005)

541 2Ed. 12/18/76 LAST NM 16/05 33/05
Substitute Depth 250 fathoms for 340 fathoms 21°44′N 158°38′W
(NTM0013/2005)

541 2Ed. 12/18/76 LAST NM 33/05 16/06
Relocate Superbuoy ODAS "51002" from 17°09′N 157°47′W to 17°11′N 157°47′W
Superbuoy ODAS "51003" from 19°16′N 160°47′W to 19°13′N 160°49′W
(NTM0024/2006)

541 2Ed. 12/18/76 LAST NM 16/06 29/06
Add Depth 2608 fathoms "Rep (2005)" 20°28′N 176°31′W
Depth 1587 fathoms "Rep (2005)" 20°28′N 176°22′W
Depth 1984 fathoms "Rep (2005)" 20°11′N 174°17′W
Depth 1523 fathoms "Rep (2005)" 20°44′N 172°33′W
Depth 1379 fathoms "Rep (2005)" 20°32′N 172°04′W
Depth 790 fathoms (PD) 19°36′N 164°28′W
(NTM0024/2006; US CH 19007)

541 2Ed. 12/18/76 LAST NM 29/06 34/07
Delete R Bn (AERO) 10°22′S 161°00′W
(NTM0011/2007)

541 2Ed. 12/18/76 LAST NM 34/07 36/07
Relocate Superbuoy ODAS "51003" from
19°13′N 160°49′W to 19°05′N 160°40′W
(32/07 CG14)

★**550** 7Ed. 2/9/85 NEW EDITION 17/85
Delete Depths
27 fathoms 19°02′N 113°53′E
30 fathoms (PA) 20°01′N 113°52′E

Change Line 16 of cautions note to
"5. The islands bound by
9°40′N 121°12′E, 9°48′N 121°12′E,
9°48′N" 24°12′N 108°50′E

Add Depth 30 fathoms (PA) 20°01′N 113°45′E
(DMAHTC; 17(77)82 China)

550 7Ed. 2/9/85 LAST NM 17/85 19/85
Add Depths
293 fathoms "Rep (1985)" (PA) 24°10.6′N 122°37.3′E
265 fathoms "Rep (1984)" (PA) 24°16.0′N 122°42.3′E
279 fathoms "Rep (1984)" (PA) 24°34.0′N 122°53.5′E
(NVS7392, 7449/85)

550 7Ed. 2/9/85 LAST NM 19/85 21/85
Add Legend "CAUTION NO 6" between 23°18′N 118°12′E
22°54′N 117°48′E

Caution No 6 to cautions note
"6. Sandwave peaks were recorded at
soundings of 52 feet below sea
level between 23°18′N 118°12′E
and 22°54′N 117°48′E (1985)." 24°00′N 107°48′E
(14(132)85 Tokyo)

550 7Ed. 2/9/85 LAST NM 21/85 31/85
Add Depth 8 fathoms 4 feet "Rep (1985)" 23°14.2′N 118°12.0′E
(20(1347)85 Taunton)

550 7Ed. 2/9/85 LAST NM 31/85 33/85
Delete Depths
470 fathoms 8°20′N 109°50′E
9 fathoms 5 feet "Rep (1946)" 25°33′N 126°12′E

Add Depths
10 fathoms 5 feet 8°06′N 104°44′E
13 fathoms 7°42′N 106°30′E
7 fathoms 3 feet 7°22′N 109°00′E
37 fathoms 8°09′N 108°51′E
53 fathoms 8°21′N 109°53′E
9 fathoms 4 feet 7°16′N 109°42′E
(27(825)85 Tokyo; 24(1610)85 Taunton)

550 7Ed. 2/9/85 LAST NM 33/85 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)

550 7Ed. 2/9/85 LAST NM 36/85 37/85
Add Depth 62 fathoms 24°33′N 122°14′E
(29(1911)85 Taunton)

550 7Ed. 2/9/85 LAST NM 37/85 50/85
Delete R Bn (AERO) 23°57′N 121°34′E

Add Light and R Bn 24°00.5′N 121°38.5′E
(Twn CH 351; BA RA)

550 7Ed. 2/9/85 LAST NM 50/85 7/86
Delete Depth 89 fathoms 7°21′N 113°15′E
(HNNM7679/86)

550 7Ed. 2/9/85 LAST NM 7/86 13/86
Add Depth 11 fathoms (PA) 25°27.7′N 121°54.3′E
(50(3346)85 Taunton)

550 7Ed. 2/9/85 LAST NM 13/86 15/86
Delete Depths
32 fathoms 25°49′N 126°34′E
12 fathoms "(rep 1957)" (PD) 25°56′N 127°20′E
24 fathoms "Rep (1964)" 25°43′N 126°36′E
(6(148)86 Tokyo; Jpn CH 1004A; 16(104)85 Cna)

550 7Ed. 2/9/85 LAST NM 15/86 16/86
Add Depth 10 fathoms 2 feet 7°28.0′N 100°54.0′E
Legend "Ko Losin Island is located
8 miles ESE of charted position." 7°10.0′N 102°07.0′E
(Thai CH 206)

550 7Ed. 2/9/85 LAST NM 16/86 19/86
Add Depth 20 fathoms "Rep (1962)" 7°14′N 116°22′E
(BA CH 967)

550 7Ed. 2/9/85 LAST NM 19/86 27/86
Add R Bn at lights 20°00′N 110°56′E
20°54′N 110°37′E
(6(38)86 China)

550 7Ed. 2/9/85 LAST NM 27/86 29/86
Add Depth 22 fathoms 21°10.4′N 120°52.3′E
(NVS7382/85)

550 7Ed. 2/9/85 LAST NM 29/86 31/86
Add Depth 142 fathoms (PA) 9°08.3′N 111°50.2′E
(MCNM7783/86)

550 7Ed. 2/9/85 LAST NM 31/86 2/87
Add Depth 12 fathoms "Rep (1986)" 25°39′N 122°33′E
(39(2836)86 Taunton)

550 7Ed. 2/9/85 LAST NM 2/87 4/87
Add Depth 10 fathoms 5 feet (PA) 12°16.5′N 113°07.0′E
(19(20)85 Brest)

550 7Ed. 2/9/85 LAST NM 4/87 14/87
Add Depth 76 fathoms 10°10.0′N 121°34.0′E
(Jpn CH 1608)

550 7Ed. 2/9/85 LAST NM 14/87 20/87
Delete R Bns (AERO) 22°46′N 121°07′E
22°59′N 120°12′E
24°48′N 120°56′E

Add Dangerous wreck 22°23′N 117°35′E

Light symbols 25°58′N 131°17′E
24°03′N 123°48′E
24°27′N 122°56′E
24°28′N 123°00′E
24°26′N 124°05′E
24°28′N 123°50′E
24°43′N 125°28′E
24°56′N 125°15′E
(MCNM7934/87; Jpn CH 1206, 1004A; US RA)

550 7Ed. 2/9/85 LAST NM 20/87 41/87
Delete R Bn (AERO) 8°26′N 99°58′E
(BA RA)

550 7Ed. 2/9/85 LAST NM 41/87 40/88
Delete Depths
14 fathoms 11°27′N 121°24′E
15 fathoms 12°25′N 121°53′E
168 fathoms 14°02′N 114°23′E

Substitute Depths
591 fathoms 59 fathoms 11°00′N 126°02′E
1800 fathoms for 800 fathoms 13°27′N 115°46′E

(continued on next page)

550 (Continued) 40/88
Add Depth 168 fathoms 14°01′N 115°22′E
Legends
"Dreyer Bank" 14°00′N 115°40′E
"(ED)" to
depth 90 fathoms 15°54′N 115°08′E
(MCNM8116/88)

550 7Ed. 2/9/85 LAST NM 40/88 51/88
Delete Depths
10.5 fathoms 25°20′N 130°03′E
8 fathoms 25°26′N 120°08′E
9.5 fathoms 25°27′N 120°28′E
5 fathoms "Rep (1923)" 25°49′N 120°39′E

Dotted-line circle and blue tint 25°53′N 120°27′E
(13(73)87 Tianjin; Cna CH 9201)

550 7Ed. 2/9/85 LAST NM 51/88 7/90
Add Depth 6 fathoms 2 feet Rk 9°57.8′N 99°55.4′E
(7(160)89 Bangkok)

550 7Ed. 2/9/85 LAST NM 7/90 39/90
Substitute Depth 64 fathoms "Rep (1989)" for
70 fathoms 9°55′N 109°56′E

Add Depth 65 fathoms "Rep (1989)" 9°51′N 109°50′E
(MCNM1021/90)

550 7Ed. 2/9/85 LAST NM 39/90 40/90
Add Depth 17 fathoms 20°06.0′N 121°50.0′E
(17(1316)90 Taunton)

550 7Ed. 2/9/85 LAST NM 40/90 6/91
Add Depth 16 fathoms 7°15′N 103°04′E
(36(49)90 Brest)

550 7Ed. 2/9/85 LAST NM 6/91 13/91
Add Depth 233 fathoms "Rep (1990)" 8°16.0′N 109°38.0′E
(MCNM1079/91)

550 7Ed. 2/9/85 LAST NM 13/91 21/92
Add Depth 58 fathoms "Rep (1991)" 16°07′N 112°43′E
(7(496)92 Taunton)

550 7Ed. 2/9/85 LAST NM 21/92 17/93
Add R Bn 22°05′N 121°30′E
(11/93 Tso-ying)

550 7Ed. 2/9/85 LAST NM 17/93 33/93
Add Depth 4 fathoms "Rep (1992)" 7°14.0′N 108°57.0′E
(MCC1265/93)

550 7Ed. 2/9/85 LAST NM 33/93 4/95
Add Depth 85 fathoms "Rep (1994)" 15°29.2′N 113°11.3′E
(MCC1306/94)

550 7Ed. 2/9/85 LAST NM 4/95 24/95
Add Depth
164 fathoms 9°00′N 115°28′E
86 fathoms 10°05′N 120°08′E
310 fathoms 8°22′N 119°32′E
(15(1278, 1279)95 Taunton)

550 7Ed. 2/9/85 LAST NM 24/95 27/95
Add R Bn (AERO) 10°55.2′N 108°06.5′E
(BA RA; BA CH 3986)

550 7Ed. 2/9/85 LAST NM 27/95 28/95
Substitute Depth 78 fathoms "Rep (1994)" for
85 fathoms "Rep (1994)" 15°29′N 113°11′E
(See 4/95-550)
(MCC034/95)

550 7Ed. 2/9/85 LAST NM 28/95 45/95
Add Depth
299 fathoms 9°08′N 119°50′E
150 fathoms 9°05′N 119°43′E
(38(3142)95 Taunton)

550 7Ed. 2/9/85 LAST NM 45/95 47/95
Change Line 1 of Caution No. 1 to
"The area enclosed by the dashed line
defining DANGEROUS GROUND" 25°18′N 107°50′E

Add Purple dashed line (limit of dangerous
ground) joining 12°00′N 117°50′E
10°25′N 117°50′E
7°30′N 115°25′E
7°30′N 111°30′E
8°40′N 111°30′E
12°00′N 114°50′E
(BA CH 2660B)

550 7Ed. 2/9/85 LAST NM 47/95 50/95
Delete Depth
5 fathoms 16°18′N 115°08′E
5 fathoms 16°12′N 114°56′E
(MCC034/95)

550 7Ed. 2/9/85 LAST NM 50/95 8/96
Add Dangerous wreck (PA) 9°21.7′N 107°58.0′E
(4(269)96 Taunton)

550 7Ed. 2/9/85 LAST NM 8/96 15/96
Delete Light symbol 11°28′N 114°23′E

Add Light symbol 11°26′N 114°22′E
7°33′N 109°42′E
7°33′N 109°48′E
7°55′N 109°57′E
7°48′N 110°28′E
8°09′N 110°35′E
8°02′N 110°37′E
7°52′N 111°44′E
8°39′N 111°38′E
8°50′N 112°11′E
(33(62)94, 49(43, 46)95 Brest; 6(504)96 Taunton)

550 7Ed. 2/9/85 LAST NM 15/96 26/96
Delete R Bn (AERO) 13°42′N 100°37′E

Add R Bn (AERO) 12°40′N 101°00′E
(BA RA; BA CH 3965)

550 7Ed. 2/9/85 LAST NM 26/96 39/96
Add Light symbol 16°34′N 107°37′E
16°53′N 107°12′E
20°08′N 107°43′E
21°23′N 108°00′E
(24(46)96 Brest)

550 7Ed. 2/9/85 LAST NM 39/96 51/96
Add Depth 24 fathoms 7°36.3′N 108°30.0′E
(43(3560)96 Taunton)

550 7Ed. 2/9/85 LAST NM 51/96 28/97
Add Light symbol with Racon 20°15.4′N 106°35.7′E
7°53.8′N 112°55.1′E
(GIMM047/96; 12(1065)97 Taunton)

550 7Ed. 2/9/85 LAST NM 28/97 30/97
Add Light symbol 21°14′N 107°58′E
(GIMM047/96)

550 7Ed. 2/9/85 LAST NM 30/97 42/97
Delete Depth 5 fathoms 1 foot "Rep (1960)"
(PD), enclosing depth contour
(10-fathom) and blue tint in vicinity 16°20′N 109°23′E

Depths 5 fathoms "rep (1960)" (PD),
7 fathoms "rep (1964)" (PD), enclosing
depth contour (10-fathom) and blue tint
in vicinity 16°10′N 109°16′E
(GIMM048/97)

550 7Ed. 2/9/85 LAST NM 42/97 14/98
Delete Depth
400 fathoms "Rep (1965)" 20°27′N 118°05′E
204 fathoms "Rep (1976)" 20°29′N 117°58′E

Add Depth 198 fathoms 20°29′N 117°59′E
(GIMM011/98)

550 7Ed. 2/9/85 LAST NM 14/98 2/99
Substitute Depth 241 fathoms for
261 fathoms "Rep (1971)" 16°52′N 114°50′E

Add Depth 404 fathoms 16°45′N 114°37′E
(5(329)98 Taunton)

550 7Ed. 2/9/85 LAST NM 2/99 4/99
Delete Depth
560 fathoms 8°46′N 109°29′E
575 fathoms 8°41′N 109°35′E
950 fathoms 9°19′N 112°12′E

Add Depth
293 fathoms 8°47′N 109°27′E
293 fathoms 8°34′N 109°38′E
359 fathoms 8°40′N 109°55′E
250 fathoms 8°14′N 110°55′E
117 fathoms 9°19′N 112°15′E
259 fathoms 8°41′N 112°26′E
(12(1032)98 Taunton)

550 7Ed. 2/9/85 LAST NM 4/99 8/99
Add Depth 14 fathoms "Rep (1998)" 24°01′N 123°35′E
(GIMM007/99)

550 7Ed. 2/9/85 LAST NM 8/99 35/99
Add Dangerous wreck "Rep (1998)" 23°15′N 117°55′E
(3(29)99 Tianjin)

550 7Ed. 2/9/85 LAST NM 17/00 42/01
Add Rock awash [K12] "Rep (1999)" (PA) 9°03′N 108°17′E
(NTM0013/2001)

550 7Ed. 2/9/85 LAST NM 42/01 18/02
Delete R Bn (AERO) 10°55′N 108°06′E
(BA RA)

550 7Ed. 2/9/85 LAST NM 18/02 24/02
Add Depth 9 fathoms 5 feet "Rep (2002)" [I3.2]
7°12′N 108°37′E
(18(1833)02 Taunton)

550 7Ed. 2/9/85 LAST NM 24/02 45/02
Delete Dangerous submerged rock (ED) 9°50′N 116°36′E
Dangerous submerged rock (ED) 9°47′N 116°41′E
Dangerous submerged rock (ED) 9°45′N 116°44′E

Substitute Depth 202 fathoms for 2350 fathoms 11°33′N 113°21′E
Depth 147 fathoms for 2164 fathoms 11°11′N 113°54′E

Add Danger circle [K1] 11°48′N 117°50′E
Danger circle [K1] 11°43′N 117°34′E
Depth 18 fathoms 11°01′N 114°01′E
Depth 281 fathoms 10°13′N 112°50′E
Depth 108 fathoms 10°07′N 112°58′E
(36(3833, 3834)02 Taunton)

550 7Ed. 2/9/85 LAST NM 45/02 6/03
Delete Racon from light 20°10′N 110°41′E
(9(134)02 Tianjin)

550 7Ed. 2/9/85 LAST NM 6/03 44/04
Add Dangerous wreck [K28] 25°56′N 120°48′E
Dangerous wreck [K28] 23°31′N 119°23′E
(34(886), 37(962)04 Tokyo)

550 7Ed. 2/9/85 LAST NM 44/04 52/04
Delete Depth 8 fathoms 4 feet 21°35′N 120°34′E
Depth 11 fathoms 21°20′N 121°19′E
(43(1107)04 Tokyo)

550 7Ed. 2/9/85 LAST NM 52/04 9/05
Delete Depth 11 fathoms 21°32′N 121°16′E

Substitute Depth 73 fathoms for 13 fathoms
"Rep (1981) PA" 21°28′N 120°42′E
(30(782)04 Tokyo)

550 7Ed. 2/9/85 LAST NM 9/05 26/05
Add Wreck [K29] 22°17′N 119°48′E
Wreck [K29] (PA) 25°11′N 121°06′E
(13, 16/05 Tso-ying)

550 7Ed. 2/9/85 LAST NM 26/05 51/05
Add Dangerous wreck [K28] 25°28′N 120°22′E
(44(1323)05 Tokyo)

550 7Ed. 2/9/85 LAST NM 51/05 1/06
Add Wreck [K29] 21°57′N 119°28′E
(67/05 Tso-ying)

550 7Ed. 2/9/85 LAST NM 1/06 35/06
Add Purple dashed-line circle
"Unexploded ordnance" (PA) 23°29′N 117°35′E

Stranded wreck [K24] (PA) 22°51′N 116°27′E
(17(317, 320)06 Tianjin)

550 7Ed. 2/9/85 LAST NM 35/06 50/06
Add Wreck [K29] 21°54′N 119°28′E
(141/06 Tso-ying)

550 7Ed. 2/9/85 LAST NM 50/06 3/07
Delete R Bn at light 25°18′N 121°32′E
R Bn 25°09′N 121°45′E
(119, 149/06 Tso-ying)

550 7Ed. 2/9/85 LAST NM 3/07 9/07
Add Wreck [K29] 21°59′N 120°17′E
Wreck [K29] 21°55′N 119°55′E
(168, 171/06 Tso-ying)

★**600** (INT 600) 5Ed. 1/8/94 NEW EDITION 14/94
Add Depth 12 meters 43°28′S 176°51′W
(Previously published 10/94)

Delete Depth 18 meters 29°16′S 168°10′E
(Previously published 11/94)

Substitute Depth 112 meters for
108 meters "Rep (1986)" 29°40′S 167°52′E
(Previously published 11/94)
(DMAHTC)

600 (INT 600) 5Ed. 1/8/94 LAST NM 14/94 33/94
Add Superbuoy ODAS with
light flare symbol 42°47′S 170°04′E
(26(202)94 Auckland)

600 (INT 600) 5Ed. 1/8/94 LAST NM 33/94 9/95
Delete Light symbol 34°10′S 172°08′E
(4(44)95 Auckland)

600 (INT 600) 5Ed. 1/8/94 LAST NM 9/95 21/95
Delete Depth
310 meters "(1982)" 28°36′S 177°45′W
25 meters 37°33′S 178°52′E

Solid line between 37°28′S 178°48′E
37°33′S 178°52′E
(NZ CH 14605)

600 (INT 600) 5Ed. 1/8/94 LAST NM 21/95 22/95
Substitute Depth 31 meters for 73 meters 46°35′S 165°53′E
(18(151)95 Auckland)

600 (INT 600) 5Ed. 1/8/94 LAST NM 22/95 34/95
Delete Light symbol 45°07′S 170°59′E
40°31′S 172°42′E
(26(211, 212)95 Auckland)

600 (INT 600) 5Ed. 1/8/94 LAST NM 34/95 40/95
Substitute Islet for
dangerous submerged rock 43°31′S 176°55′W

Add Depth
303 meters 33°42′S 167°16′E
42 meters 47°24′S 167°48′E
(32(249), 33(261)95 Auckland)

600 (INT 600) 5Ed. 1/8/94 LAST NM 40/95 46/95
Delete R Bn at light 46°39′S 168°26′E
(38(295)95 Auckland)

600 (INT 600) 5Ed. 1/8/94 LAST NM 46/95 13/96
Add Legend "(ED)" to depth 153 meters 36°10′S 173°27′E
(7(71)96 Auckland)

600 (INT 600) 5Ed. 1/8/94 LAST NM 13/96 22/96
Delete R Bn (AERO) (PA) 41°45′S 171°34′E
(BA RA)

600 (INT 600) 5Ed. 1/8/94 LAST NM 22/96 25/96
Substitute Depth 88 meters "(1996)" for
115 meters 29°34′S 178°01′W
(16(148)96 Auckland)

600 (INT 600) 5Ed. 1/8/94 LAST NM 25/96 33/96
Delete Light 39°06′S 178°00′E
(25(220)96 Auckland)

600 (INT 600) 5Ed. 1/8/94 LAST NM 33/96 44/96
Relocate Superbuoy ODAS (42°47′S 170°04′E) to 42°42′S 170°08′E
(38(318)96 Auckland)

600 (INT 600) 5Ed. 1/8/94 LAST NM 44/96 51/96
Delete R Bn at light 35°55′S 175°07′E
(44(366)96 Auckland)

600 (INT 600) 5Ed. 1/8/94 LAST NM 51/96 29/98
Delete Depth
320 meters 38°05′S 179°05′E
244 meters 38°10′S 178°53′E

Add Depth
291 meters 40°50′S 171°08′E
980 meters 37°52′S 179°01′E
860 meters 37°42′S 179°11′E
170 meters 38°07′S 178°54′E
273 meters 38°07′S 179°03′E
(19(172), 22(195)98 Auckland)

600 (INT 600) 5Ed. 1/8/94 LAST NM 29/98 1/99
Delete Depth 5 meters 43°36′S 176°36′W

Substitute Depth 20 meters for 13 meters 43°38′S 176°47′W
(46(392)98 Auckland)

600 (INT 600) 5Ed. 1/8/94 LAST NM 1/99 10/99
Add Depth
168 meters 28°40′S 167°50′E
112 meters 28°40′S 167°55′E
219 meters 28°40′S 168°00′E
(GIMM006/99)

600 (INT 600) 5Ed. 1/8/94 LAST NM 10/99 14/99
Delete Light symbol 44°13′S 176°13′W
(GIMM011/99)

600 (INT 600) 5Ed. 1/8/94 LAST NM 14/99 16/99
Substitute Depth 666 meters for 1119 meters 47°47′S 178°55′W

Add Depth 112 meters 47°39′S 179°39′E
(8(101)99 Auckland)

600 (INT 600) 5Ed. 1/8/94 LAST NM 16/99 29/99
Delete Depth 168 meters 28°40′S 167°50′E
Depth 112 meters 28°40′S 167°55′E
Depth 219 meters 28°40′S 168°00′E
(Cancels 10/99-600)
(GIMM006/99)

600 (INT 600) 5Ed. 1/8/94 LAST NM 29/99 34/99
Delete Depth 1961 meters 45°38′S 165°53′E
(22(225)99 Auckland)

600 (INT 600) 5Ed. 1/8/94 LAST NM 34/99 4/01
Delete Depth 112 meters 29°40′S 167°52′E
(10(291)99 Wollongong)

600 (INT 600) 5Ed. 1/8/94 LAST NM 4/01 13/01
Delete Depth 662 meters 47°36′S 179°29′W

Substitute Depth 831 meters for 975 meters 47°22′S 179°49′W

Add Depth 361 meters 48°10′S 179°37′W
Depth 590 meters 47°38′S 179°27′W
(34(320)99 Wellington)

600 (INT 600) 5Ed. 1/8/94 LAST NM 13/01 16/01
Add Depth 433 meters 38°30′S 169°08′E
(50(468)99 Wellington)

600 (INT 600) 5Ed. 1/8/94 LAST NM 16/01 29/01
Add Depth 192 meters, blue tint and enclosing depth
contour (200-meter) centered 51°10′S 165°32′E
(1(21)00 Wellington)

600 (INT 600) 5Ed. 1/8/94 LAST NM 29/01 45/03
Delete Depth 36 meters "(1986)" (PD), dotted-line
circle area and blue tint centered 31°59′S 166°55′E
(19(125)03 Wellington)

600 (INT 600) 5Ed. 1/8/94 LAST NM 45/03 9/05
Add Wreck [K29] 41°44′S 174°58′E
(2(29)04 Wellington)

600 (INT 600) 5Ed. 1/8/94 LAST NM 9/05 12/05
Add Wreck [K29] 40°32′S 173°10′E
(9(89)04 Wellington)

600 (INT 600) 5Ed. 1/8/94 LAST NM 12/05 24/05
Add Wreck [K29] 34°38′S 172°33′E
(25(219)04 Wellington)

600 (INT 600) 5Ed. 1/8/94 LAST NM 24/05 30/05
Delete Legend "(1967)" 30°23′S 168°06′E

Substitute Depth 228 meters for 349 meters 30°23′S 167°56′E
Depth 375 meters for 557 meters 30°07′S 171°18′E
(3(35)05 Wellington)

600 (INT 600) 5Ed. 1/8/94 LAST NM 30/05 1/06
Delete Depth 1315 meters 30°25′S 174°16′E

Substitute Depth 26 meters for 42 meters 47°24′S 167°48′E

Add Danger circle "Obstn" [K40] 46°39′S 178°32′E
Danger circle "Obstn" [K40] 49°35′S 179°57′E
Danger circle "Obstn" [K40] 50°16′S 180°00′
Depth 90 meters 47°38′S 167°29′E
Depth 99 meters 48°42′S 166°44′E
Depth 200 meters 50°40′S 167°42′E
Depth 168 meters 50°44′S 167°21′E
Depth 462 meters 52°41′S 173°36′E
Depth 559 meters 30°27′S 174°17′E
Depth 635 meters 29°53′S 174°06′E
Depth 99 meters 47°43′S 167°35′E
Depth 99 meters 47°37′S 167°38′E
(34(4043)05 Taunton)

600 (INT 600) 5Ed. 1/8/94 LAST NM 1/06 6/06
Delete Depth 1187 meters 36°19′S 178°06′E

Add Depth 350 meters enclosed by depth contour
(1000-meter) 36°19′S 178°02′E
(25(234)05 Wellington)

600 (INT 600) 5Ed. 1/8/94 LAST NM 6/06 10/06
Delete Light symbol 39°22′S 176°55′E
(3(32)06 Wellington)

600 (INT 600) 5Ed. 1/8/94 LAST NM 10/06 16/06
Delete Depth 145 meters "(1982)" and danger circle
32°06′S 167°46′E
Depth 25 meters "(1993)" and danger circle
32°25′S 167°35′E
Depth 46 meters "(1956)" and danger circle
32°17′S 166°55′E

(continued on next page)

600 (Continued) 16/06
Depth 16 meters "(1982) ED" and danger circle 32°09′S 167°21′E

Depth 276 meters 31°49′S 167°50′E

Substitute Depth 475 meters for 58 meters Obstn 32°06′S 168°05′E
Depth 95 meters for 140 meters "(1969)" 31°42′S 167°50′E
(26(248)05 Wellington)

600 (INT 600) 5Ed. 1/8/94 LAST NM 16/06 33/06
Delete Light symbol and legend "C. Saunders" 45°53′S 170°44′E
(14(145)06 Wellington)

600 (INT 600) 5Ed. 1/8/94 LAST NM 33/06 33/07
Add Depth 566 meters enclosed by dashed-line circle 29°33.0′S 179°47.0′W
Depth 682 meters enclosed by dashed-line circle 33°28.0′S 179°36.5′W
(NTM0011/2007)

600 (INT 600) 5Ed. 1/8/94 LAST NM 33/07 35/07
Substitute Depth 871 meters enclosed by dashed-line circle for 1150 meters 48°43′S 177°41′E
Depth 958 meters enclosed by dashed-line circle for 1203 meters 47°56′S 170°02′E

Add Depth 810 meters enclosed by dashed-line circle 39°46′S 167°15′E
Depth 973 meters enclosed by dashed-line circle 35°00′S 169°56′E

Depth 1520 meters 41°44′S 166°30′E
(NTM0011/2007)

600 (INT 600) 5Ed. 1/8/94 LAST NM 35/07 36/07
Substitute Depth 499 meters for 618 meters 42°58′S 174°49′E

Add Depth 493 meters 42°52′S 176°13′E
Depth 348 meters 43°26′S 174°11′E
(NTM0011/2007)

600 (INT 600) 5Ed. 1/8/94 LAST NM 36/07 37/07
Add Depth 112 meters, blue tint and enclosing depth contour (200-meter) centered 29°40′S 167°52′E
(NTM0011/2007)

600 (INT 600) 5Ed. 1/8/94 LAST NM 37/07 39/07
Add Depth 123 meters 50°27′S 165°41′E
Depth 1691 meters 36°02′S 179°28′E
(NTM0011/2007)

600 (INT 600) 5Ed. 1/8/94 LAST NM 39/07 40/07
Add Depth 123 meters, blue tint and enclosing depth contour (200-meter) centered 50°27′S 165°41′E
(Supersedes 39/07-600)

Depth 1691 meters 36°02′S 179°28′E
(NTM0011/2007)

600 (INT 600) 5Ed. 1/8/94 LAST NM 40/07 3/08
Add Depth 351 meters 43°28′S 175°25′W
Depth 253 meters 44°11′S 175°16′W
Depth 2509 meters 45°50′S 175°32′W
(NTM0011/2007)

★**601** (INT 601) 4Ed. 11/4/95 NEW EDITION 10/96
Delete RC at light 46°39′S 168°25′E

RC (AERO) 34°00′S 150°57′E
34°34′S 150°46′E
37°36′S 149°44′E
(DMA; BA RA)

601 (INT 601) 4Ed. 11/4/95 LAST NM 10/96 13/96
Add Legend "(ED)" to depth 153 meters 36°10′S 173°27′E
(7(71)96 Auckland)

601 (INT 601) 4Ed. 11/4/95 LAST NM 13/96 22/96
Delete R Bn (AERO) (PA) 41°45′S 171°34′E
(BA RA)

601 (INT 601) 4Ed. 11/4/95 LAST NM 22/96 44/96
Relocate Superbuoy ODAS close N to 42°42′S 170°08′E
(38(318)96 Auckland)

601 (INT 601) 4Ed. 11/4/95 LAST NM 44/96 51/96
Delete RC at light 35°55′S 175°07′E
(44(366)96 Auckland)

601 (INT 601) 4Ed. 11/4/95 LAST NM 51/96 15/97
Substitute Depth 14 meters for dangerous submerged rock 40°24′S 144°05′E
(3(81)97 Wollongong)

601 (INT 601) 4Ed. 11/4/95 LAST NM 15/97 29/98
Add Depth 291 meters 40°50′S 171°08′E
(22(195)98 Auckland)

601 (INT 601) 4Ed. 11/4/95 LAST NM 29/98 34/99
Delete Depth 1961 meters 45°38′S 165°53′E
(22(225)99 Auckland)

601 (INT 601) 4Ed. 11/4/95 LAST NM 34/99 48/99
Add Depth 631 meters [I10] 43°55′S 150°28′E
(21(591)99 Wollongong)

601 (INT 601) 4Ed. 11/4/95 LAST NM 48/99 16/01
Add Depth 433 meters 38°30′S 169°08′E
(50(468)99 Wellington)

601 (INT 601) 4Ed. 11/4/95 LAST NM 16/01 14/02
Delete Depth 29 meters, blue tint and enclosing danger circle 38°56′S 147°59′E
(1(59)02 Wollongong)

601 (INT 601) 4Ed. 11/4/95 LAST NM 14/02 6/03
Delete Submarine cable between 34°02′S 151°31′E
34°03′S 151°42′E

Submarine cable between 33°56′S 151°23′E
33°58′S 151°44′E

Submarine cable between 33°55′S 151°23′E
34°53′S 151°48′E
(24(761)02 Wollongong)

601 (INT 601) 4Ed. 11/4/95 LAST NM 6/03 8/03
Add Light symbol 43°38′S 146°52′E
(15(435)99 Wollongong)

601 (INT 601) 4Ed. 11/4/95 LAST NM 8/03 27/03
Substitute Depth 15 meters, blue tint and enclosing depth contour (30-meter) for 9 meters 37°45′S 149°44′E
(9(313)03 Wollongong)

601 (INT 601) 4Ed. 11/4/95 LAST NM 27/03 38/03
Add Submarine cable [L30.1] between 38°39′S 145°42′E
40°45′S 145°18′E
(15(497)03 Wollongong)

601 (INT 601) 4Ed. 11/4/95 LAST NM 38/03 12/05
Add Wreck [K29] 40°32′S 173°10′E
(9(89)04 Wellington)

601 (INT 601) 4Ed. 11/4/95 LAST NM 12/05 24/05
Add Wreck [K29] 34°38′S 172°32′E
(25(219)04 Wellington)

601 (INT 601) 4Ed. 11/4/95 LAST NM 24/05 1/06
Substitute Depth 26.5 meters for 42 meters 47°22.7′S 167°50.7′E

Add Depth 90 meters 47°38.2′S 167°28.7′E
Depth 99 meters 48°42.0′S 166°44.0′E
Depth 99 meters 47°43.0′S 167°34.4′E
(34(4043)05 Taunton)

601 (INT 601) 4Ed. 11/4/95 LAST NM 1/06 33/06
Delete Light symbol and legend "C. Saunders" 45°53′S 170°44′E
(14(145)06 Wellington)

601 (INT 601) 4Ed. 11/4/95 LAST NM 33/06 24/07
Delete Depth 60 meters R 41°22′S 144°21′E
Depth 120 meters R 41°49′S 144°24′E
Depth 68 meters 42°41′S 144°51′E
(NTM0011/2007)

★**602** (INT 602) 6Ed. 2/3/96 NEW EDITION 18/96
Substitute Danger circle "Submarine volcano (1996)" for depth 70 meters 20°59′S 170°17′E
(DMA; 11(940)96 Taunton)

602 (INT 602) 6Ed. 2/3/96 LAST NM 18/96 22/96
Delete Depth 75 meters 21°08′S 167°33′E

Substitute Depth 50 meters for 66 meters 21°03′S 167°44′E
(5(44)96 Brest)

602 (INT 602) 6Ed. 2/3/96 LAST NM 22/96 50/96
Add Depth
300 meters 24°04′S 168°34′E
304 meters 17°32′S 169°23′E
530 meters 19°13′S 164°54′E
29 meters 20°56′S 161°40′E

Danger circle (ED) 22°06′S 159°45′E
(34(38)96 Brest)

602 (INT 602) 6Ed. 2/3/96 LAST NM 50/96 17/97
Delete Danger circle (ED) 22°06′S 159°45′E
(See 50/96-602)
(4(98)97 Wollongong)

602 (INT 602) 6Ed. 2/3/96 LAST NM 17/97 23/97
Substitute Depth 6.2 meters for 10 meters 16°48′S 150°10′E
(5(117)97 Wollongong)

602 (INT 602) 6Ed. 2/3/96 LAST NM 23/97 24/97
Delete Depth 49 meters 23°24′S 167°06′E
(8(36)97 Brest)

602 (INT 602) 6Ed. 2/3/96 LAST NM 24/97 25/98
Add Depth 115 meters 24°16′S 166°56′E
(49(43)97 Brest)

602 (INT 602) 6Ed. 2/3/96 LAST NM 25/98 2/99
Substitute Depth 120 meters for 190 meters 20°59′S 170°22′E
(39(30)98 Brest)

602 (INT 602) 6Ed. 2/3/96 LAST NM 2/99 10/99
Add Depth
168 meters 28°40′S 167°50′E
112 meters 28°40′S 167°55′E
219 meters 28°40′S 168°00′E
(GIMM006/99)

602 (INT 602) 6Ed. 2/3/96 LAST NM 10/99 29/99
Delete Depth 168 meters 28°40′S 167°50′E
Depth 112 meters 28°40′S 167°55′E
Depth 219 meters 28°40′S 168°00′E
(Cancels 10/99-602)
(GIMM006/99)

602 (INT 602) 6Ed. 2/3/96 LAST NM 29/99 47/99
Add Danger circle "Shoal Rep (1999)" 22°11′S 171°10′E
(27(2499)99 Taunton; NTM0034/1999)

602 (INT 602) 6Ed. 2/3/96 LAST NM 47/99 50/99
Substitute Depth 9 meters [I10] for 6 meters 20°08′S 149°29′E
(22(604)99 Wollongong)

602 (INT 602) 6Ed. 2/3/96 LAST NM 50/99 52/99
Add Depth 69 meters [I10] 22°32′S 161°19′E
(43(411)99 Auckland)

602 (INT 602) 6Ed. 2/3/96 LAST NM 52/99 4/01
Delete Depth 112 meters 29°40′S 167°52′E
(10(291)99 Wollongong)

602 (INT 602) 6Ed. 2/3/96 LAST NM 4/01 28/01
Add Light symbol with Racon 17°08′S 152°08′E
(23(647)99 Wollongong)

602 (INT 602) 6Ed. 2/3/96 LAST NM 28/01 12/02
Add Danger circle [K1] "Volcanic Activity Rep (2001)" 18°47′S 179°11′E
(3(34)02 Wellington)

602 (INT 602) 6Ed. 2/3/96 LAST NM 12/02 47/02
Delete RC (Aero) at light 30°18′S 153°07′E
RC (Aero) 32°49′S 151°51′E
RC (Aero) at light 28°10′S 153°30′E
RC (Aero) 21°10′S 149°11′E
(BA RA)

602 (INT 602) 6Ed. 2/3/96 LAST NM 47/02 6/03
Delete Submarine cable between 34°02′S 151°31′E
34°03′S 151°42′E

Submarine cable between 33°56′S 151°23′E
33°58′S 151°44′E

Submarine cable between 33°55′S 151°23′E
34°53′S 151°48′E
(24(761)02 Wollongong)

602 (INT 602) 6Ed. 2/3/96 LAST NM 6/03 38/03
Delete Depth 36 meters, blue tint and enclosing dotted-line circle 32°00′S 166°57′E
(13(421)03 Wollongong)

602 (INT 602) 6Ed. 2/3/96 LAST NM 38/03 7/05
Substitute Depth 15 meters for 16 meters 22°37′S 152°40′E
(24(977)04 Wollongong)

602 (INT 602) 6Ed. 2/3/96 LAST NM 7/05 11/05
Add "Restricted Area - Coastal shipping and dredging prohibited" bound by purple composite line [N2.1] joining 23°15.0′S 167°00.0′E
23°15.0′S 169°00.0′E
25°30.0′S 169°00.0′E
25°30.0′S 167°00.0′E
(23(33)04 Brest)

602 (INT 602) 6Ed. 2/3/96 LAST NM 11/05 17/05
Change Legend to "Restricted Area - Coastal shipping, trawling and dredging prohibited" 24°30′S 168°00′E
(See 11/05-602)
(16(159)04 Wellington)

602 (INT 602) 6Ed. 2/3/96 LAST NM 17/05 24/05
Add Wreck [K29] 34°38′S 172°33′E
(25(219)04 Wellington)

602 (INT 602) 6Ed. 2/3/96 LAST NM 24/05 29/05
Delete Depth 696 meters and enclosing depth contour (1000-meter) centered 25°23′S 169°01′E

Depth 830 meters 23°30′S 167°06′E

Add Depth 621 meters enclosed by depth contour (1000-meter) 25°16′S 168°55′E

Depth 477 meters 23°33′S 167°19′E
(2(26)05 Wellington)

602 (INT 602) 6Ed. 2/3/96 LAST NM 29/05 30/05
Substitute Depth 228 meters for 349 meters 30°23′S 167°54′E
Depth 375 meters for 557 meters 30°07′S 171°18′E
(3(35)05 Wellington)

602 (INT 602) 6Ed. 2/3/96 LAST NM 30/05 39/05
Add Dashed-line circle with blue tint [Ke] "Discol water (2000)" 20°14′S 176°41′E
(NTM0016/2005)

602 (INT 602) 6Ed. 2/3/96 LAST NM 39/05 1/06
Delete Depth 1315 meters 30°25.0′S 174°16.0′E

(continued on next page)

602 (Continued) 1/06
Add Depth 559 meters 30°27.0′S 174°17.0′E
Depth 635 meters 29°53.0′S 174°06.0′E
(34(4043)05 Taunton)

602 (INT 602) 6Ed. 2/3/96 LAST NM 1/06 16/06
Delete Depth 145 meters and danger circle 32°04′S 167°47′E
Depth 25 meters and danger circle 32°26′S 167°36′E
Depth 294 meters 32°18′S 167°21′E
Depth 46 meters and danger circle 32°16′S 166°56′E
Depth 16 meters and danger circle 32°10′S 167°21′E
Depth 276 meters 31°49′S 167°47′E
Depth 188 meters 31°32′S 167°46′E
Depth 650 meters 32°17′S 168°08′E

Substitute Depth 475 meters for 58 meters Obstn 32°12′S 168°03′E
Depth 95 meters for 140 meters 31°43′S 167°51′E
(26(248)05 Wellington)

602 (INT 602) 6Ed. 2/3/96 LAST NM 16/06 25/06
Add Depth 36 meters enclosed by dotted-line circle and blue tint 23°12′S 159°27′E
(11(115)06 Wellington)

602 (INT 602) 6Ed. 2/3/96 LAST NM 25/06 8/07
Delete Depth 16 meters enclosed by blue tint and dotted-line circle 21°42′S 156°43′E
Depth 80 meters enclosed by blue tint and dotted-line circle 21°54′S 156°41′E
Depth 46 meters enclosed by blue tint and dotted-line circle 30°01′S 159°07′E

Add Depth 706 meters enclosed by dashed-line circle 17°43′S 147°53′E
(NTM0014/2006)

602 (INT 602) 6Ed. 2/3/96 LAST NM 8/07 35/07
Substitute Depth 504 meters for 744 meters 18°01′S 169°39′E

Add Depth 719 meters "Rep" enclosed by depth contour (1000-meter) centered 17°16′S 165°00′E
Depth 823 meters enclosed by depth contour (1000-meter) centered 21°17′S 162°44′E
(NTM0011/2007)

602 (INT 602) 6Ed. 2/3/96 LAST NM 35/07 41/07
Add Depth 112 meters 29°40′S 167°52′E
(NTM0011/2007)

602 (INT 602) 6Ed. 2/3/96 LAST NM 41/07 42/07
Delete Depth 91 meters, blue tint and enclosing danger circle 23°02′S 167°18′E
Depth 55 meters, blue tint and enclosing danger circle 23°03′S 167°39′E
Depth 99 meters, blue tint and enclosing danger circle 23°16′S 167°21′E
Depth 18 meters, blue tint and enclosing danger circle 22°57′S 168°20′E

Add Depth 640 meters "Rep" 24°03′S 169°36′E
Depth 732 meters "Rep" 25°48′S 166°58′E
(NTM0011/2007)

★**603** (INT 603) 6Ed. 8/3/96 NEW EDITION 37/96
(DMA)

603 (INT 603) 6Ed. 8/3/96 LAST NM 37/96 1/97
Add Light symbol 2°00.3′S 139°14.5′E
(GIMM058/96)

603 (INT 603) 6Ed. 8/3/96 LAST NM 1/97 4/97
Add Submarine cable joining 20°18′S 118°37′E
20°12′S 118°42′E
18°30′S 118°30′E
17°36′S 117°44′E
16°55′S 117°44′E
16°31′S 117°36′E
16°05′S 116°57′E
15°53′S 115°10′E
(35(588)96 Wollongong)

603 (INT 603) 6Ed. 8/3/96 LAST NM 4/97 7/97
Delete Depth 15 meters 14°18′S 146°55′E
Add Depth 14 meters 14°15′S 146°54′E
(37(634)96 Wollongong)

603 (INT 603) 6Ed. 8/3/96 LAST NM 7/97 38/97
Add Depth 14.3 meters "Rep (1997)" 8°21′S 127°29′E
(GIMM043/96)

603 (INT 603) 6Ed. 8/3/96 LAST NM 38/97 43/97
Substitute Depth 55 meters (SD) for 92 meters "Rep" 9°50′S 144°46′E
(15(422)97 Wollongong)

603 (INT 603) 6Ed. 8/3/96 LAST NM 43/97 44/97
Delete Depth
9 meters 9°44′S 129°06′E
7 meters and legend "Karmt Sh" 10°44′S 125°40′E
7 meters "Rep (1992)" 10°58′S 125°42′E
7 meters "Rep (1986)" 11°13′S 125°25′E
19 meters 11°36′S 124°32′E

Danger circle "Breaks Rep (1993)" 10°41′S 126°03′E

Substitute Depth
7 meters for 9 meters 9°53′S 129°17′E
14 meters for 16 meters "Rep (1993)" 10°41′S 125°50′E

Add Depth 7 meters 9°43′S 129°02′E
(16(450, 451), 17(479)97 Wollongong)

603 (INT 603) 6Ed. 8/3/96 LAST NM 44/97 50/97
Add Depth 106 meters 3°28.9′S 143°57.7′E
(20(549)97 Wollongong)

603 (INT 603) 6Ed. 8/3/96 LAST NM 50/97 33/98
Substitute Depth 12 meters for 13 meters 10°08′S 129°31′E
(10(259)98 Wollongong)

603 (INT 603) 6Ed. 8/3/96 LAST NM 33/98 36/98
Delete Superbuoy SBM 12°30′S 124°24′E
(13(341)98 Wollongong)

603 (INT 603) 6Ed. 8/3/96 LAST NM 36/98 5/99
Delete Dotted-line circle from depth 13 meters 11°32′S 123°36′E

Substitute Depth
13 meters for 14 meters "Rep" and delete enclosing dotted-line circle 11°49′S 123°50′E

18 meters for 19 meters and delete enclosing dotted-line circle 12°28′S 123°48′E

13 meters for 9 meters 11°46′S 124°50′E

14 meters for 15 meters and delete enclosing dotted-line circle 11°40′S 123°26′E

Add Depth 25 meters 11°40′S 123°33′E
(23(662)98 Wollongong)

603 (INT 603) 6Ed. 8/3/96 LAST NM 5/99 14/99
Substitute Depth
20 meters for 15 meters 10°51′S 129°04′E
15 meters for 14 meters 10°50′S 129°13′E
16 meters for 14 meters 10°45′S 130°00′E
(26(758)98 Wollongong)

603 (INT 603) 6Ed. 8/3/96 LAST NM 14/99 20/99
Add Danger circle "Obstn" 7°20′S 116°15′E
(26(2286)98 Taunton)

603 (INT 603) 6Ed. 8/3/96 LAST NM 20/99 39/99
Delete Light vessel "Carpentaria" 10°44′S 141°03′E
(12(344)99 Wollongong)

603 (INT 603) 6Ed. 8/3/96 LAST NM 39/99 52/99
Add Light symbol 6°08′S 124°37′E
Light symbol 6°02′S 124°03′E
(39(3554)98 Taunton)

603 (INT 603) 6Ed. 8/3/96 LAST NM 52/99 47/02
Delete R Bn (AERO) 16°55′S 145°44′E
(BA RA)

603 (INT 603) 6Ed. 8/3/96 LAST NM 47/02 10/03
Delete Depth 20 meters "Rep (1988)" 10°30′S 126°37′E
(18(500)00 Wollongong)

603 (INT 603) 6Ed. 8/3/96 LAST NM 10/03 52/07
Add Depth 172 meters 6°20′S 132°40′E
(13(1408)01 Taunton)

★604 (INT 604) 5Ed. 6/22/96 NEW EDITION 33/96
(DMA)

604 (INT 604) 5Ed. 6/22/96 LAST NM 33/96 50/96
Add Depth
304 meters 17°32′S 169°23′E
530 meters 19°13′S 164°54′E
29 meters 20°56′S 161°40′E
(34(38)96 Brest)

604 (INT 604) 5Ed. 6/22/96 LAST NM 50/96 7/97
Delete Depth 15 meters 14°16′S 146°56′E

Add Depth 14 meters 14°15′S 146°54′E
(37(634)96 Wollongong)

604 (INT 604) 5Ed. 6/22/96 LAST NM 7/97 23/97
Substitute Depth 6.2 meters for 10 meters 16°48′S 150°10′E

Add Legend "Breakers Rep (1987)" to
danger circle 1°20′S 151°12′E
(5(117, 120)97 Wollongong)

604 (INT 604) 5Ed. 6/22/96 LAST NM 23/97 24/97
Delete Depth 362 meters 9°08′S 158°22′E

Add Depth 248 meters 9°07′S 158°21′E
(13(1186)97 Taunton)

604 (INT 604) 5Ed. 6/22/96 LAST NM 24/97 34/97
Substitute Depth 26 meters for 18 meters 4°03′S 152°14′E
(7(182)97 Wollongong)

604 (INT 604) 5Ed. 6/22/96 LAST NM 34/97 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)

604 (INT 604) 5Ed. 6/22/96 LAST NM 6/98 31/98
Delete R Bn (AERO) 5°40′S 176°07′E
(23(2023)98 Taunton)

604 (INT 604) 5Ed. 6/22/96 LAST NM 31/98 50/99
Substitute Depth 9 meters [I10] for 6 meters 20°08′S 149°29′E
(22(604)99 Wollongong)

604 (INT 604) 5Ed. 6/22/96 LAST NM 50/99 28/01
Add Light symbol with Racon 17°08′S 152°08′E
(23(647)99 Wollongong)

604 (INT 604) 5Ed. 6/22/96 LAST NM 28/01 39/01
Add Depth 10 meters "Rep (2001)" [I3.2] 15°57′S 175°39′E
(20(168)01 Wellington)

604 (INT 604) 5Ed. 6/22/96 LAST NM 39/01 12/02
Add Danger circle [K1] "Volcanic Activity Rep
(2001)" 18°47′S 179°11′E
(3(34)02 Wellington)

604 (INT 604) 5Ed. 6/22/96 LAST NM 12/02 18/02
Delete RC (AERO) 12°29′S 177°02′E
(6(58)02 Wellington)

604 (INT 604) 5Ed. 6/22/96 LAST NM 18/02 38/03
Delete Depth 1083 meters 12°49′S 166°39′E

Add Depth 56 meters, blue tint and enclosing
depth contour (200-meter) centered 12°42′S 166°38′E
(15(498)03 Wollongong)

604 (INT 604) 5Ed. 6/22/96 LAST NM 38/03 22/04
Add Dangerous submerged rock [K13]
"Rep (2002)" 7°11′S 158°22′E
(8(861)04 Taunton)

604 (INT 604) 5Ed. 6/22/96 LAST NM 22/04 39/05
Add Dashed-line circle with blue tint [Ke]
"Discol water (2000)" 20°14′S 176°41′E
Dashed-line circle with blue tint [Ke]
"Discol water (1999)" 15°37′S 176°05′E
(NTM0016/2005; 3(268)00 Taunton)

604 (INT 604) 5Ed. 6/22/96 LAST NM 39/05 8/07
Add Depth 706 meters 17°43′S 147°53′E
(NTM0014/2006)

★605 (INT 605) 4Ed. 8/26/95 NEW EDITION 44/95
Add Depth
420 meters 20°37′S 178°18′W
306 meters 21°20′S 178°41′W
342 meters 24°33′S 178°03′W
(Previously published 38/95)

Delete Depth 340 meters 13°12′S 175°07′E
(Previously published 41/95)

Substitute Depth 290 meters for 345 meters
"Rep (1989)" 21°59′S 174°05′E
(Previously published 41/95)

Add Depth
399 meters 12°51′S 172°42′E
230 meters 13°34′S 175°54′E
196 meters 13°13′S 175°07′E
(Previously published 41/95)

Delete R Bn (AERO) 17°47′S 177°26′E
(Previously published 43/95)

Delete Legend "(1957)" 12°34′S 174°35′W
32°27′S 179°25′W

Add Danger circle 19°30′S 177°25′W
22°20′S 176°00′W
(DMA; 19(143)86, 3(43)93, 3(35)95 Auckland)

605 (INT 605) 4Ed. 8/26/95 LAST NM 44/95 6/96
Add Depth 30 meters "Rep (1994)" 20°22′S 176°54′E
(14(1149)94 Taunton)

605 (INT 605) 4Ed. 8/26/95 LAST NM 6/96 13/96
Add Legend "(ED)" to depth 154 meters 36°10′S 173°27′E
(7(71)96 Auckland)

605 (INT 605) 4Ed. 8/26/95 LAST NM 13/96 25/96
Substitute Depth 88 meters "(1996)" for
115 meters 29°34′S 178°01′W
(16(148)96 Auckland)

605 (INT 605) 4Ed. 8/26/95 LAST NM 25/96 30/96
Add Danger circle "Shoal (1996)" 20°20′S 177°32′W
19°56′S 177°12′W
17°27′S 176°35′W
(23(207)96 Auckland)

605 (INT 605) 4Ed. 8/26/95 LAST NM 30/96 51/96
Delete R Bn at light 35°55′S 175°07′E
(44(366)96 Auckland)

605 (INT 605) 4Ed. 8/26/95 LAST NM 51/96 26/97
Delete Depth 814 meters 20°21′S 175°12′W

Substitute Depth 520 meters for 680 meters 20°35′S 177°10′W

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605 (Continued) 26/97
Add Depth
529 meters 27°13′S 177°18′W
518 meters 20°20′S 175°13′W
(16(138)97 Auckland)

605 (INT 605) 4Ed. 8/26/95 LAST NM 26/97 29/97
Add Depth 18 meters "(1997)" 27°24′S 179°14′W
(23(196)97 Auckland)

605 (INT 605) 4Ed. 8/26/95 LAST NM 29/97 39/97
Add Depth
1525 meters 21°02.5′S 168°50.0′W
890 meters 19°11.6′S 169°31.0′W
410 meters 18°33.3′S 172°02.3′W
(33(283)97 Auckland)

605 (INT 605) 4Ed. 8/26/95 LAST NM 39/97 40/97
Add Depth 329 meters 27°56.0′S 171°07.0′W
(34(291)97 Auckland)

605 (INT 605) 4Ed. 8/26/95 LAST NM 40/97 23/98
Change Legend to "Volcanic Activity (1997)" 25°48′S 177°10′W
(15(132)98 Auckland)

605 (INT 605) 4Ed. 8/26/95 LAST NM 23/98 26/98
Delete Depth 70 meters and legend
"Volcanic...1997" 25°53′S 177°09′W
(See 23/98-605)

Add Depth 6 meters with legend
"Volcanic activity Rep (1998)" 25°53′S 177°11′W
(GIMM016/98)

605 (INT 605) 4Ed. 8/26/95 LAST NM 26/98 29/98
Add Depth 860 meters 37°42′S 179°11′E
(19(172)98 Auckland)

605 (INT 605) 4Ed. 8/26/95 LAST NM 29/98 41/98
Delete Depth 15 meters "(1981)" 16°00′S 179°17′W

Add Depth 11.5 meters 15°56′S 179°17′W
(33(2948)98 Taunton)

605 (INT 605) 4Ed. 8/26/95 LAST NM 41/98 52/99
Add Danger circle "Shoal Rep (1999)" [I4] 19°50′S 176°05′W
(44(418)99 Auckland)

605 (INT 605) 4Ed. 8/26/95 LAST NM 52/99 15/01
Add Depth 590 meters "Sub vol" enclosed by
danger circle 14°13′S 169°04′W
(NTM0013/2001)

605 (INT 605) 4Ed. 8/26/95 LAST NM 15/01 16/01
Substitute Depth 7.6 meters, blue tint and depth contour
(10-meter) for 11 meters 18°10′S 178°19′W
(32(3003)99 Taunton)

605 (INT 605) 4Ed. 8/26/95 LAST NM 16/01 39/01
Add Depth 10 meters "Rep (2001)" [I3.2] 15°57′S 175°39′E
(20(168)01 Wellington)

605 (INT 605) 4Ed. 8/26/95 LAST NM 39/01 9/02
Add Legend "Volcanic Activity (2001)" 18°19′S 174°25′W
(2(27)02 Wellington)

605 (INT 605) 4Ed. 8/26/95 LAST NM 9/02 12/02
Add Danger circle [K1] "Volcanic Activity Rep
(2001)" 18°47′S 179°11′E
(3(34)02 Wellington)

605 (INT 605) 4Ed. 8/26/95 LAST NM 12/02 6/03
Delete Depth 18 meters 12°56′S 175°36′W
Depth 393 meters 12°57′S 175°42′W

Add Depth 16 meters 12°57′S 175°40′W
(47(4391)99 Taunton)

605 (INT 605) 4Ed. 8/26/95 LAST NM 6/03 26/05
Substitute Depth 21 meters for 26 meters 12°31′S 174°20′W
(2(28)05 Wellington)

605 (INT 605) 4Ed. 8/26/95 LAST NM 26/05 39/05
Add Dashed-line circle with blue tint [Ke]
"Discol water (2000)" 20°14′S 176°41′E
Dashed-line circle with blue tint [Ke]
"Discol water (1999)" 15°37′S 176°05′E
(NTM0016/2005; 3(268)00 Taunton)

605 (INT 605) 4Ed. 8/26/95 LAST NM 39/05 46/05
Substitute Depth 22 meters for 33 meters 16°40′S 178°37′W
(NTM0031/2005)

605 (INT 605) 4Ed. 8/26/95 LAST NM 46/05 1/06
Add Depth 559 meters 30°27′S 174°17′E
Depth 635 meters 29°53′S 174°06′E
(34(4043)05 Taunton)

605 (INT 605) 4Ed. 8/26/95 LAST NM 1/06 6/06
Delete Depth 1187 meters 36°19′S 178°06′E

Add Depth 350 meters enclosed by depth contour
(1000-meter) 36°19′S 178°02′E
(25(234)05 Wellington)

605 (INT 605) 4Ed. 8/26/95 LAST NM 6/06 20/06
Substitute Depth 8 meters for 14 meters 16°06′S 173°48′W
(42(51)04 Brest)

605 (INT 605) 4Ed. 8/26/95 LAST NM 20/06 33/07
Substitute Depth 1631 meters for 2300 meters 30°37.0′S 172°52.0′W
Depth 1632 meters for 2341 meters 30°12.0′S 173°21.0′W

Add Depth 1515 meters enclosed by dashed-line
circle 32°33.0′S 171°48.0′W
Depth 1704 meters enclosed by dashed-line
circle 32°12.0′S 171°52.0′W
Depth 1675 meters enclosed by dashed-line
circle 29°37.0′S 173°25.0′W
Depth 1790 meters enclosed by dashed-line
circle 29°17.0′S 173°12.0′W
Depth 566 meters enclosed by dashed-line
circle 29°33.0′S 179°47.0′W
Depth 1029 meters enclosed by dashed-line
circle 33°09.0′S 179°56.0′W
Depth 675 meters enclosed by dashed-line
circle 33°37.0′S 179°50.0′W
Depth 682 meters enclosed by dashed-line
circle 33°28.0′S 179°36.5′W
(NTM0011/2007)

605 (INT 605) 4Ed. 8/26/95 LAST NM 33/07 39/07
Add Depth 1691 meters 36°02.0′S 179°28.0′E

Depth 196 meters, blue tint and enclosing depth
contour (200-meter) centered 36°09.0′S 176°08.0′E
Depth 192 meters, blue tint and enclosing depth
contour (200-meter) centered 36°38.0′S 176°12.0′E

Depth 633 meters 36°58.0′S 176°52.0′E
Depth 889 meters 36°50.0′S 177°28.0′E
Depth 960 meters 36°48.0′S 179°52.0′E
Depth 777 meters 37°28.0′S 179°30.0′E
(NTM0011/2007)

★606 (INT 606) 1Ed. 3/19/83 NEW CHART 23/83
Delete R Bns (AERO) 16°35.5′S 143°39.5′W
22°27.0′S 151°20.5′W
23°22.5′S 149°28.0′W
(DMAHTC; US RA)

★606 (INT 606) 1Ed. 3/19/83 LAST NM 23/83 48/83
Delete Depths
40 meters "(1965)" 21°40′S 175°09′W
29 meters "(1965)" 21°44′S 175°10′W
(NVS7097/83)

606 (INT 606) 1Ed. 3/19/83 LAST NM 48/83 21/84
Delete Dangerous submerged rock 18°14′S 168°20′W
Note: Legend remains

Depth 2963 meters 18°13′S 168°27′W

Add Depth 9.5 meters 18°15′S 168°24′W
(7(34)84 Brest)

606 (INT 606) 1Ed. 3/19/83 LAST NM 21/84 40/84
Add Dotted line circle "Volcanic Island (1984)" 19°01.2′S 174°43.9′W
(27(171)84 Auckland)

606 (INT 606) 1Ed. 3/19/83 LAST NM 40/84 2/85
Add Depth 341 meters 14°29′S 149°57′W
(NVS7372/84)

606 (INT 606) 1Ed. 3/19/83 LAST NM 2/85 10/85
Add Depth 100 meters 18°21′S 174°13′W
(39(2549)84 Taunton)

606 (INT 606) 1Ed. 3/19/83 LAST NM 10/85 28/85
Change Legend "Volcanic Island (1984)" to "Volcanic activity Rep (1984)" 19°01.2′S 174°43.9′W
(See 40/84-606)
(16(96)85 Auckland)

606 (INT 606) 1Ed. 3/19/83 LAST NM 28/85 6/86
Delete Depths
42 meters "(1981)" 13°44.0′S 171°36.0′W
31 meters "(1961)" 13°49.0′S 171°20.0′W
548 meters 11°56.0′S 173°04.0′W

Substitute Depths
315 meters for 713 meters 12°14.0′S 173°55.0′W
819 meters for 33 meters (1963) 14°25.0′S 171°19.0′W

Add Depth 379 meters 13°15.0′S 173°07.0′W
(HNNM7671/86)

606 (INT 606) 1Ed. 3/19/83 LAST NM 6/86 30/86
Delete Depths
823 meters 12°28.0′S 174°15.0′W
31 meters 12°33.0′S 174°23.0′W

Add Depths
26 meters 12°31.7′S 174°19.2′W
683 meters 13°14.4′S 172°27.9′W
35 meters 14°01.5′S 172°10.5′W
(19(143)86 Auckland)

606 (INT 606) 1Ed. 3/19/83 LAST NM 30/86 41/86
Add Depth 574 meters 20°10′S 158°38′W
(34(250)86 Auckland)

606 (INT 606) 1Ed. 3/19/83 LAST NM 41/86 45/86
Add Danger circle "Breakers (rep 1986)" (PA) 13°23′S 166°12′W
(37(265)86 Auckland)

606 (INT 606) 1Ed. 3/19/83 LAST NM 45/86 51/86
Substitute Depth 912 meters for 1167 meters 19°09′S 159°20′W
(42(293)86 Auckland)

606 (INT 606) 1Ed. 3/19/83 LAST NM 51/86 1/87
Delete Dangerous submerged rock and legend "Albert Meyer Rf PD (1911)" 20°53′S 172°19′W
(MCNM7864/86)

606 (INT 606) 1Ed. 3/19/83 LAST NM 1/87 10/87
Add Dangerous submerged rock and legend "Albert Meyer Reef Rep (1911)" (PD) 20°53′S 172°18′W
(Supersedes 1/87-606)
(MCNM7902/87)

606 (INT 606) 1Ed. 3/19/83 LAST NM 10/87 48/87
Add Depth 553 meters 19°17′S 169°33′W
(MCNM8003/87)

606 (INT 606) 1Ed. 3/19/83 LAST NM 48/87 10/88
Add Depth 185 meters "Rep (1977)" (PA) 16°17′S 173°51′W
(MCNM8064/88)

606 (INT 606) 1Ed. 3/19/83 LAST NM 10/88 50/88
Delete Depth 57 meters 17°37′S 174°12′W

Substitute Depths
73 meters for 186 meters 19°14′S 174°18′W
450 meters "Rep (1988)" for 479 meters "(1965)" 16°14′S 147°05′W

Add Depths
51 meters 17°32′S 174°09′W
79 meters "Rep (1988)" 20°47′S 175°12′W
315 meters "Rep (1988)" 21°36′S 175°14′W
91 meters 14°55′S 147°05′W
(32(200, 202)88 Auckland)

606 (INT 606) 1Ed. 3/19/83 LAST NM 50/88 12/89
Delete Depths
71 meters "Rep" 13°27′S 172°52′W
27 meters "Rep (1877)" (PA) 13°53′S 171°14′W
44 meters "Rep (1981)" 14°00′S 171°18′W
(4(30)89 Auckland)

606 (INT 606) 1Ed. 3/19/83 LAST NM 12/89 37/89
Add Light symbol 14°55′S 147°51′W
(42(87)88 Brest)

606 (INT 606) 1Ed. 3/19/83 LAST NM 37/89 6/90
Add R Bn (AERO) 23°22.5′S 149°28.0′W
(BA RA)

606 (INT 606) 1Ed. 3/19/83 LAST NM 6/90 46/90
Add Legends
"(ED)" to dangerous submerged rock 21°54′S 159°48′W
"(PD)" to danger circle 24°27′S 163°40′W
(35(184)90 Auckland)

606 (INT 606) 1Ed. 3/19/83 LAST NM 46/90 4/91
Add Depth 340 meters 14°29′S 152°14′W
(48(3461)90 Taunton)

606 (INT 606) 1Ed. 3/19/83 LAST NM 4/91 8/91
Substitute Depth 272 meters for 1100 meters 16°32′S 152°31′W

Add Depth 626 meters 17°29′S 150°10′W
(23(50)90 Brest)

606 (INT 606) 1Ed. 3/19/83 LAST NM 8/91 24/91
Add Legend "PA" to reef 20°02′S 167°47′W
(11(74)91 Auckland)

606 (INT 606) 1Ed. 3/19/83 LAST NM 24/91 12/92
Change Legend to "Antiope Rf (breaks)" 18°14′S 168°05′W
(48(298)91 Auckland)

606 (INT 606) 1Ed. 3/19/83 LAST NM 12/92 24/92
Add Depths
848 meters 19°26′S 148°35′W
930 meters 21°05′S 152°18′W
(Fr CH 6035)

606 (INT 606) 1Ed. 3/19/83 LAST NM 24/92 3/93
Add R Bn (AERO) 22°27.0′S 151°20.5′W
(40/92 Brest)

606 (INT 606) 1Ed. 3/19/83 LAST NM 3/93 12/93
Add Light symbol 16°37′S 143°35′W
(39(55)92 Brest)

606 (INT 606) 1Ed. 3/19/83 LAST NM 12/93 13/93
Add Danger circle 18°48′S 175°14′W
19°10′S 175°07′W
(3(43)93 Auckland)

606 (INT 606) 1Ed. 3/19/83 LAST NM 13/93 33/93
Add R Bn (AERO) 10°23′S 161°00′W
(24(184)93 Auckland)

606 (INT 606) 1Ed. 3/19/83 LAST NM 33/93 45/93
Substitute Danger circle
"Volcanic Activity (1993)" for
dangerous submerged rock and
legend "Volcanic...1979)" 19°10′S 174°50′W
(37(265)93 Auckland)

606 (INT 606) 1Ed. 3/19/83 LAST NM 45/93 47/93
Add Depth 27 meters enclosed by
danger circle 23°27′S 150°45′W
(MCC1159/92)

606 (INT 606) 1Ed. 3/19/83 LAST NM 47/93 1/94
Change Legend "PA" to
"Rep to lie 3 miles NE (1993)" 20°02′S 167°48′W
(45(311)93 Auckland)

606 (INT 606) 1Ed. 3/19/83 LAST NM 1/94 36/94
Add R Bn (AERO) 17°34′S 149°37′W
(24(44)94 Brest)

606 (INT 606) 1Ed. 3/19/83 LAST NM 36/94 8/95
Substitute Depth 298 meters "Rep" for
313 meters 18°33′S 174°21′W
(3(34)95 Auckland)

606 (INT 606) 1Ed. 3/19/83 LAST NM 8/95 16/95
Delete Depth
208 meters 13°02′S 174°14′W
146 meters 16°27′S 173°43′W

Add Depth
146 meters (ED) 16°22′S 173°43′W
38 meters 13°06′S 174°17′W
(3(42)93 Auckland; NZ CH 14605)

606 (INT 606) 1Ed. 3/19/83 LAST NM 16/95 18/95
Delete Depth 79 meters "Rep (1988)" 20°47′S 175°12′W

Substitute Depth 26 meters for
49 meters "(1970)" 20°42′S 175°11′W
(13(118)95 Auckland)

606 (INT 606) 1Ed. 3/19/83 LAST NM 18/95 19/95
Delete Dangerous submerged rock "(1949)" (ED)
21°55′S 159°48′W
(14(125)95 Auckland)

606 (INT 606) 1Ed. 3/19/83 LAST NM 19/95 22/95
Add Legend "Arago Seamount" at
depth 27 meters 23°27′S 150°45′W
(9(54)95 Brest)

606 (INT 606) 1Ed. 3/19/83 LAST NM 22/95 35/95
Add Depth 710 meters 12°02′S 148°29′W
(21(16)95 Brest)

606 (INT 606) 1Ed. 3/19/83 LAST NM 35/95 21/96
Delete R Bn (AERO) 21°11′S 175°13′W
(BA RA)

606 (INT 606) 1Ed. 3/19/83 LAST NM 21/96 28/96
Delete Depth 55 meters 14°46′S 147°47′W
(12(50)96 Brest)

606 (INT 606) 1Ed. 3/19/83 LAST NM 28/96 44/96
Delete Legend "(1963)" 27°29′S 143°48′W
(Fr CH 7347)

606 (INT 606) 1Ed. 3/19/83 LAST NM 44/96 46/96
Add Light symbol 17°03′S 149°33′W
(29(37)96 Brest)

606 (INT 606) 1Ed. 3/19/83 LAST NM 46/96 26/97
Delete Depth 657 meters 20°23′S 175°13′W

Add Depth 518 meters 20°20′S 175°13′W
(16(138)97 Auckland)

★**606** (INT 606) 1Ed. 3/19/83 LAST NM 26/97 39/97
Add Depth
1525 meters 21°02.5′S 168°50.0′W
410 meters 18°33.3′S 172°02.3′W
(33(283)97 Auckland)

606 (INT 606) 1Ed. 3/19/83 LAST NM 39/97 1/99
Substitute Depth
675 meters for 704 meters "(1970)" 27°21′S 144°32′W
128 meters for 130 meters 27°45′S 144°10′W
(45(384)98 Auckland)

606 (INT 606) 1Ed. 3/19/83 LAST NM 1/99 5/00
Delete R Bn (AERO) at light 17°30′S 149°30′W
(BA RA)

606 (INT 606) 1Ed. 3/19/83 LAST NM 5/00 15/01
Add Depth 590 meters "Sub vol" enclosed by
danger circle 14°13′S 169°04′W
(NTM0013/2001)

606 (INT 606) 1Ed. 3/19/83 LAST NM 15/01 28/01
Delete Depth 26 meters 27°25′S 143°57′W
Depth 51 meters "(1963)" 27°23′S 143°47′W
Depth 36 meters "(1972)" 27°43′S 143°18′W
Depth 60 meters (ED) 27°52′S 143°38′W

Add Depth 30 meters 27°26′S 144°01′W
(14(42)01 Brest)

606 (INT 606) 1Ed. 3/19/83 LAST NM 28/01 39/01
Delete Depth 340 meters 14°29′S 152°14′W

Dotted-line circle, blue tint and legend
"Breakers (1890)" in vicinity 16°33′S 154°55′W
(20(169)01 Wellington)

606 (INT 606) 1Ed. 3/19/83 LAST NM 39/01 9/02
Add Legend "Volcanic Activity (2001)" 18°19′S 174°25′W
(2(27)02 Wellington)

606 (INT 606) 1Ed. 3/19/83 LAST NM 9/02 17/03
Delete Depth 11 meters, blue tint and enclosing
danger circle centered 18°17′S 142°01′W
(23(38)00 Brest)

606 (INT 606) 1Ed. 3/19/83 LAST NM 17/03 8/05
Delete Legend "(1972)" 27°29′S 145°09′W

Substitute Depth 19.8 meters for 30 meters 27°26′S 144°01′W
Depth 523 meters for 592 meters 27°30′S 145°02′W
(6(64)04 Wellington)

606 (INT 606) 1Ed. 3/19/83 LAST NM 8/05 15/05
Delete Depth 898 meters 18°07′S 152°45′W

Substitute Depth 550 meters for 626 meters 17°29′S 150°10′W
Depth 529 meters for 848 meters 19°28′S 148°34′W

Add Depth 887 meters 16°47′S 155°12′W
Depth 725 meters 18°13′S 152°46′W
Depth 456 meters 18°26′S 154°04′W
(13(127)04 Wellington)

606 (INT 606) 1Ed. 3/19/83 LAST NM 15/05 16/05
Substitute Depth 210 meters for 410 meters 22°35′S 150°59′W
(15(142)04 Wellington)

606 (INT 606) 1Ed. 3/19/83 LAST NM 16/05 20/05
Add Depth 776 meters 18°59′S 154°06′W
Depth 598 meters 18°48′S 152°15′W
(17(167)04 Wellington)

606 (INT 606) 1Ed. 3/19/83 LAST NM 20/05 22/05
Add Light symbol [P1] 17°36′S 149°49′W
(19(178)04 Wellington)

606 (INT 606) 1Ed. 3/19/83 LAST NM 22/05 26/05
Substitute Depth 21 meters for 26 meters 12°32′S 174°19′W
(2(28)05 Wellington)

606 (INT 606) 1Ed. 3/19/83 LAST NM 26/05 34/05
Delete Light symbol 21°04′S 175°20′W
(10(103)05 Wellington)

606 (INT 606) 1Ed. 3/19/83 LAST NM 34/05 37/05
Delete Depth 300 meters 19°21′S 151°32′W

Depth 525 meters, danger circle and legend "(1978)" 18°15′S 153°55′W

Substitute Depth 875 meters for 1040 meters 23°17′S 149°54′W
Depth 990 meters for 2780 meters 20°47′S 150°48′W
Depth 839 meters for 1189 meters 21°48′S 151°30′W
Depth 944 meters for 1030 meters 21°15′S 150°44′W
Depth 462 meters for 297 meters 19°13′S 151°31′W

Add Depth 360 meters 21°33′S 155°27′W
(16(147, 148)05 Wellington)

606 (INT 606) 1Ed. 3/19/83 LAST NM 37/05 43/05
Add Depth 197 meters enclosed by depth contour (200-meter) 25°31′S 150°30′W
(19(181)05 Wellington)

606 (INT 606) 1Ed. 3/19/83 LAST NM 43/05 6/06
Delete Depth 525 meters and danger circle "(1978)" 18°15′S 153°58′W
(47(5514)05 Taunton)

606 (INT 606) 1Ed. 3/19/83 LAST NM 6/06 20/06
Substitute Depth 8 meters for 14 meters 16°07′S 173°50′W
(42(51)04 Brest)

606 (INT 606) 1Ed. 3/19/83 LAST NM 20/06 34/07
Delete R Bn (AERO) 10°23′S 161°00′W

Add Depth 639 meters enclosed by depth contour (1000-meter) centered 17°38′S 145°16′W
Depth 762 meters enclosed by depth contour (1000-meter) centered 17°08′S 145°51′W
Depth 1694 meters enclosed by depth contour (2000-meter) centered 20°16′S 143°40′W
Depth 1665 meters enclosed by depth contour (2000-meter) centered 20°04′S 143°26′W
(NTM0011/2007)

606 (INT 606) 1Ed. 3/19/83 LAST NM 34/07 35/07
Add Legend "Discolored Water" 25°42′S 149°20′W
Legend "Discolored Water" 23°42′S 147°30′W

Depth 1902 meters enclosed by depth contour (2000-meter) 24°39′S 149°50′W
Depth 1096 meters enclosed by depth contour (2000-meter) 27°40′S 145°48′W
Depth 1420 meters enclosed by depth contour (2000-meter) 26°33′S 146°22′W
(NTM0011/2007)

606 (INT 606) 1Ed. 3/19/83 LAST NM 35/07 37/07
Delete Depth 51 meters, blue tint and enclosing depth contour (200-meter) centered 14°49′S 148°45′W

Substitute Depth 971 meters for 1780 meters 14°13′S 149°11′W
Depth 895 meters for 1350 meters 15°13′S 147°06′W
Depth 870 meters for 1600 meters 14°59′S 144°04′W

Add Depth 1998 meters 22°24′S 153°05′W
Depth 514 meters 19°20′S 150°59′W
Depth 984 meters 13°48′S 149°19′W
Depth 975 meters 13°42′S 148°37′W
Depth 881 meters 15°07′S 145°15′W
Depth 1110 meters 11°26′S 149°00′W
Depth 2550 meters 16°52′S 148°49′W
Depth 2280 meters 16°39′S 149°20′W
Depth 2211 meters 12°28′S 146°28′W
Depth 1102 meters 12°57′S 148°17′W
Depth 1574 meters 11°04′S 149°43′W
Depth 1250 meters 10°35′S 149°28′W
Depth 860 meters 15°34′S 147°22′W
Depth 1191 meters 14°48′S 149°08′W
Depth 1288 meters 10°11′S 149°44′W
Depth 887 meters 16°56′S 143°59′W
(NTM0011/2007)

606 (INT 606) 1Ed. 3/19/83 LAST NM 37/07 39/07
Add Depth 2171 meters 25°12′S 153°09′W
Depth 2460 meters 25°50′S 152°57′W
Depth 2267 meters 23°44′S 154°20′W
Depth 1435 meters 24°06′S 156°27′W
(NTM0011/2007)

606 (INT 606) 1Ed. 3/19/83 LAST NM 39/07 41/07
Delete Legend "Discolored Water" 25°42′S 149°20′W
(See 35/07-606)

Add Legend "Discolored Water" 25°52′S 149°20′W
(NTM0011/2007)

★**607** (INT 607) 1Ed. 12/11/76 NEW CHART 4/77
Add Light flare symbol 16°44.6′S 151°28.0′W
(DMAHC; 45(2221)76 Taunton)

607 (INT 607) 1Ed. 12/11/76 LAST NM 4/77 12/77
Add R Bn (AERO) 14°42′S 145°15′W
(1(28)77 Taunton)

607 (INT 607) 1Ed. 12/11/76 LAST NM 12/77 29/77
Add R Bn (AERO) 14°26′S 146°04′W
(20(51)77 Brest)

607 (INT 607) 1Ed. 12/11/76 LAST NM 29/77 17/78
Add Light symbol 17°27.9′S 149°46.0′W
(3(43)78 Brest)

607 (INT 607) 1Ed. 12/11/76 LAST NM 17/78 18/78
Add Light symbol 17°33′S 149°39′W
(12(669)78 Taunton)

607 (INT 607) 1Ed. 12/11/76 LAST NM 18/78 52/78
Substitute Depth 9 meters for 11 meters 18°10′S 141°57′W
(BA CH 783)

607 (INT 607) 1Ed. 12/11/76 LAST NM 52/78 23/79
Add Depth 225 meters 21°34′S 139°10′W
(14(53)79 Brest)

607 (INT 607) 1Ed. 12/11/76 LAST NM 23/79 28/79
Add Depth 283 meters (PA) 21°30′S 137°07′W
(9(583)79 Taunton)

607 (INT 607) 1Ed. 12/11/76 LAST NM 28/79 2/80
Change Legend "Depths of 3 to 8 meters(1950)" to "Depths of 3 to 6 meters rep(1960)" 8°02′S 138°35′W
(Fr CH 6607 Print 1973)

607 (INT 607) 1Ed. 12/11/76 LAST NM 2/80 9/80
Delete Depths
870 meters (ED) 8°40′S 139°39′W
64 meters (ED) 8°50′S 139°11′W
(44(49)79 Brest)

607 (INT 607) 1Ed. 12/11/76 LAST NM 9/80 40/80
Relocate R Bn (AERO) close SE to 23°07′S 134°53′W
(Fr CH 6461)

607 (INT 607) 1Ed. 12/11/76 LAST NM 40/80 14/81
Delete Depth 550 meters (PA) 8°17′S 140°53′W

Add Depth 28 meters 8°20′S 140°56′W
(4(47)81 Brest)

607 (INT 607) 1Ed. 12/11/76 LAST NM 14/81 23/81
Delete Light 17°33′S 149°39′W
(BA LL)

607 (INT 607) 1Ed. 12/11/76 LAST NM 23/81 43/82
Delete Depths
283 meters (PA) 21°30′S 137°07′W
225 meters 21°34′S 139°10′W

Add Depth 225 meters 21°34′S 137°10′W
(NVS6780/82)

607 (INT 607) 1Ed. 12/11/76 LAST NM 43/82 9/83
Add Legend "(low and dangerous)" to
I. Oeno 23°57′S 130°45′W
(BA CH 783)

607 (INT 607) 1Ed. 12/11/76 LAST NM 9/83 15/83
Substitute Depth 816 meters for 16 meters (1976)
27°28.0′S 144°35.5′E
(40(42)78 Brest)

607 (INT 607) 1Ed. 12/11/76 LAST NM 15/83 17/83
Delete Depth 16 meters "(1976)" 27°28.0′S 144°35.5′W
(Cancels 15/83-607)
(40(42)78 Brest)

607 (INT 607) 1Ed. 12/11/76 LAST NM 17/83 51/83
Delete R Bn (AERO) 20°46′S 138°34′W
(38(48)83 Brest)

607 (INT 607) 1Ed. 12/11/76 LAST NM 51/83 50/85
Substitute Depth 32 meters for 40 meters (ED) 9°20′S 140°00′W
(32(33)85 Brest)

607 (INT 607) 1Ed. 12/11/76 LAST NM 50/85 13/87
Add R Bn (AERO) 15°49.0′S 140°53.0′W
(4(304)87 Taunton)

607 (INT 607) 1Ed. 12/11/76 LAST NM 13/87 24/88
Add Depth 341 meters 14°29′S 149°57′W
(NVS7372/84)

607 (INT 607) 1Ed. 12/11/76 LAST NM 24/88 50/88
Add Depths
91 meters 14°55′S 148°51′W
450 meters "Rep" 16°14′S 147°05′W
(32(202)88 Auckland)

607 (INT 607) 1Ed. 12/11/76 LAST NM 50/88 18/89
Delete Depth 32 meters 9°20′S 140°00′W
(2(50)89 Brest)

607 (INT 607) 1Ed. 12/11/76 LAST NM 18/89 37/89
Add Light symbol 14°55′S 147°51′W
(42(87)88 Brest)

607 (INT 607) 1Ed. 12/11/76 LAST NM 37/89 6/90
Delete R Bn (AERO) 19°51′S 145°00′W
(37(35)89 Brest)

607 (INT 607) 1Ed. 12/11/76 LAST NM 6/90 21/90
Delete Depth 40 meters (1965) 9°03′S 140°40′W

Add Depth 40 meters enclosed by
danger circle 9°08′S 140°38′W
(3(88)90 Brest)

607 (INT 607) 1Ed. 12/11/76 LAST NM 21/90 31/90
Add R Bn (AERO) 16°42.0′S 151°02.0′W
8°48.0′S 140°13.0′W
9°46.0′S 139°01.0′W
8°56.0′S 139°33.0′W
(10(45)90 Brest)

607 (INT 607) 1Ed. 12/11/76 LAST NM 31/90 41/90
Delete Depth 28 meters 8°20′S 140°56′W

Add Depths
267 meters 9°10′S 140°35′W
28 meters 8°20′S 140°51′W
(15(50)90 Brest)

607 (INT 607) 1Ed. 12/11/76 LAST NM 41/90 43/90
Add Depth 272 meters 16°32′S 152°31′W
(27(56)90 Brest)

607 (INT 607) 1Ed. 12/11/76 LAST NM 43/90 48/90
Add Danger circle with legend
"Discol water (rep 1990)" (PA) 25°53′S 134°15′W
(38(2740)90 Taunton)

607 (INT 607) 1Ed. 12/11/76 LAST NM 48/90 4/91
Add Depth 340 meters 14°29′S 152°14′W
(48(3461)90 Taunton)

607 (INT 607) 1Ed. 12/11/76 LAST NM 4/91 5/91
Substitute Depth 11 meters for 14 meters 22°42′S 133°46′W
(35(43)90 Brest)

607 (INT 607) 1Ed. 12/11/76 LAST NM 5/91 17/91
Delete Blue tint area, islets (5), legend
"Recif de la Minerve (Ebrill)", and
limiting danger line in vicinity 22°39′S 133°30′W

Add Legend "Recif de la Minerve (Ebrill)" 22°44′S 133°46′W
(47(54)90 Brest)

607 (INT 607) 1Ed. 12/11/76 LAST NM 17/91 18/91
Delete Depth 3150 meters 14°54′S 139°38′W

Substitute Depth 400 meters for 1550 meters 23°03′S 137°24′W

Add Depth 570 meters 14°43′S 139°51′W
(10(756)91 Taunton)

607 (INT 607) 1Ed. 12/11/76 LAST NM 18/91 24/92
Add Depths
984 meters 14°07′S 149°18′W
530 meters 14°42′S 147°37′W
766 meters 17°06′S 145°51′W
912 meters 17°30′S 145°12′W
639 meters 17°34′S 145°18′W
925 meters 14°13′S 150°22′W
1192 meters 10°06′S 152°20′W
1629 meters 9°33′S 149°58′W
1869 meters 9°55′S 149°47′W
1355 meters 11°24′S 152°10′W
(Fr CH 6597)

607 (INT 607) 1Ed. 12/11/76 LAST NM 24/92 3/93
Add R Bn (AERO) 22°27.0′S 151°20.5′W
(40/92 Brest)

607 (INT 607) 1Ed. 12/11/76 LAST NM 3/93 47/93
Add Depth 27 meters enclosed by
danger circle 23°27′S 150°45′W
(MCC1159/92)

607 (INT 607) 1Ed. 12/11/76 LAST NM 47/93 33/94
Delete R Bn (AERO) 18°28′S 136°26′W
(25(199)94 Auckland)

607 (INT 607) 1Ed. 12/11/76 LAST NM 33/94 36/94
Add R Bn (AERO) 17°34′S 149°37′W
(24(44)94 Brest)

607 (INT 607) 1Ed. 12/11/76 LAST NM 36/94 22/95
Add Legend "Arago Seamount" at
depth 27 meters 23°27′S 150°45′W
(9(54)95 Brest)

607 (INT 607) 1Ed. 12/11/76 LAST NM 22/95 35/95
Add Depth 710 meters 12°02′S 148°29′W
(21(16)95 Brest)

607 (INT 607) 1Ed. 12/11/76 LAST NM 35/95 26/96
Add Depth 529 meters 24°38.8′S 125°06.2′W
(18(1550)96 Taunton)

607 (INT 607) 1Ed. 12/11/76 LAST NM 26/96 28/96
Delete Depth
55 meters 14°46′S 147°47′W
530 meters 14°42′S 147°37′W
(12(50)96 Brest)

607 (INT 607) 1Ed. 12/11/76 LAST NM 28/96 36/96
Delete R Bn (AERO) 8°48.0′S 140°13.0′W
8°56.0′S 139°33.0′W
9°46.0′S 139°01.0′W
(BA RA)

607 (INT 607) 1Ed. 12/11/76 LAST NM 36/96 46/96
Add Light symbol 17°03′S 149°33′W
(29(37)96 Brest)

607 (INT 607) 1Ed. 12/11/76 LAST NM 46/96 52/96
Add Depth
490 meters 8°09′S 141°23′W
54 meters 10°13′S 137°55′W
(Fr CH 7371)

607 (INT 607) 1Ed. 12/11/76 LAST NM 52/96 7/97
Delete Depth
2300 meters 23°28′S 136°04′W
2300 meters 23°28′S 135°35′W

Add Depth
390 meters 23°31′S 136°00′W
675 meters 23°32′S 135°34′W
(33(30)96 Brest)

607 (INT 607) 1Ed. 12/11/76 LAST NM 7/97 1/99
Substitute Depth
675 meters for 700 meters 27°21′S 144°32′W
128 meters for 130 meters 27°45′S 144°10′W
(45(384)98 Auckland)

607 (INT 607) 1Ed. 12/11/76 LAST NM 1/99 5/00
Delete R Bn (AERO) at light 17°30′S 149°30′W
(BA RA)

607 (INT 607) 1Ed. 12/11/76 LAST NM 5/00 32/00
Delete Depth 38 meters 7°57′S 140°55′W
Depth 20 meters "Rep (1965)" 8°24′S 140°56′W

Add Depth 27 meters 8°22′S 140°54′W
Depth 49 meters 7°55′S 140°58′W
(4(21)99 Brest)

607 (INT 607) 1Ed. 12/11/76 LAST NM 32/00 15/01
Substitute Depth 0.8 meter for islet 7°52′S 140°23′W
(44(52)00 Brest)

607 (INT 607) 1Ed. 12/11/76 LAST NM 15/01 28/01
Delete Depth 26 meters 27°25′S 143°57′W
Depth 51 meters 27°23′S 143°47′W
Depth 36 meters "(1972)" 27°43′S 143°18′W
Depth 60 meters (ED) 27°52′S 143°38′W

Add Depth 30 meters 27°26′S 144°01′W
(14(42)01 Brest)

607 (INT 607) 1Ed. 12/11/76 LAST NM 28/01 39/01
Delete Depth 340 meters 14°29′S 152°14′W
(20(169)01 Wellington)

607 (INT 607) 1Ed. 12/11/76 LAST NM 39/01 42/01
Delete R Bn (AERO) 21°49′S 138°47′W
(34(36)99 Brest)

607 (INT 607) 1Ed. 12/11/76 LAST NM 42/01 7/02
Delete Depth 13 meters (ED) 7°57′S 140°15′W
Depth 55 meters "Rep (1965)" 7°50′S 140°02′W
Depth 35 meters "Rep (1965)" 8°10′S 140°52′W

Legend "Depths of 3 to 6 meters rep (1960)"
8°02′S 138°35′W

Substitute Depth 9 meters for 11 meters 8°06′S 139°38′W
Depth 14 meters for 17 meters 8°42′S 140°46′W
(13(41)01 Brest)

607 (INT 607) 1Ed. 12/11/76 LAST NM 7/02 17/03
Delete Depth 9 meters (ED), blue tint and enclosing
danger circle centered 18°11′S 141°56′W
(23(38)00 Brest)

607 (INT 607) 1Ed. 12/11/76 LAST NM 17/03 45/03
Delete Depth 400 meters 23°04′S 137°24′W
Depth 9 meters 23°41′S 134°29′W

Danger circle (ED), blue tint and legend
"Bertero" 22°02′S 133°28′W

Dotted-line circle (PA) and legend
"Discol Water (Rep 1990)" 25°54′S 134°14′W

Add Depth 340 meters enclosed by depth contour
(1000-meter) centered 23°00′S 137°27′W
(19(128)03 Wellington)

607 (INT 607) 1Ed. 12/11/76 LAST NM 45/03 8/05
Delete Legend "(1972)" 27°28′S 144°47′W

Substitute Depth 19.8 meters for 30 meters 27°26′S 144°01′W
Depth 523 meters for 592 meters 27°30′S 145°00′W
(6(64)04 Wellington)

607 (INT 607) 1Ed. 12/11/76 LAST NM 8/05 15/05
Substitute Depth 550 meters for 626 meters 17°29′S 150°10′W

Add Depth 725 meters 18°13′S 152°46′W
Depth 529 meters 19°28′S 148°34′W
(13(127)04 Wellington)

607 (INT 607) 1Ed. 12/11/76 LAST NM 15/05 16/05
Substitute Depth 210 meters for 400 meters 22°35′S 150°59′W
(15(142)04 Wellington)

607 (INT 607) 1Ed. 12/11/76 LAST NM 16/05 21/05
Substitute Depth 547 meters for 675 meters 23°32.0′S 135°34.0′W

Add Depth 396 meters 15°17.0′S 135°07.5′W
(19(179)04 Wellington)

607 (INT 607) 1Ed. 12/11/76 LAST NM 21/05 22/05
Add Light symbol [P1] 17°36′S 149°49′W
(19(178)04 Wellington)

607 (INT 607) 1Ed. 12/11/76 LAST NM 22/05 37/05
Substitute Depth 875 meters for 1040 meters 23°17′S 149°54′W
Depth 839 meters for 1190 meters 21°47′S 151°30′W
Depth 944 meters for 1030 meters 21°15′S 150°44′W
Depth 990 meters for 2780 meters 20°50′S 150°48′W
Depth 462 meters for 300 meters 19°11′S 151°31′W
(16(147, 148)05 Wellington)

607 (INT 607) 1Ed. 12/11/76 LAST NM 37/05 16/06
Add Depth 903 meters 10°26′S 139°01′W
and extend depth contour (1000-meter) SE to
enclose
(NTM0022/2006)

607 (INT 607) 1Ed. 12/11/76 LAST NM 16/06 16/07
Substitute Depth 2490 meters for 2800 meters 22°06′S 136°07′W

Add Depth 1344 meters 17°50′S 137°36′W
Depth 1582 meters 18°27′S 138°40′W
Depth 1701 meters 19°51′S 138°28′W
Depth 619 meters 22°22′S 137°57′W
Depth 616 meters 21°20′S 136°23′W
Depth 1595 meters 22°11′S 134°58′W
Depth 1830 meters 20°12′S 137°09′W
Depth 1721 meters 18°01′S 135°58′W
Depth 1443 meters 19°25′S 133°29′W
Depth 1357 meters 21°04′S 132°19′W
Depth 1664 meters 19°08′S 135°35′W
Depth 1702 meters 18°40′S 137°36′W
(NTM0014/2006)

607 (INT 607) 1Ed. 12/11/76 LAST NM 16/07 26/07
Add Depth 937 meters enclosed by dashed-line circle 24°56′S 121°52′W

Danger circle [K1] "Seamount (Rep 1966)" 24°22′S 128°33′W
(NTM0011/2007)

607 (INT 607) 1Ed. 12/11/76 LAST NM 26/07 33/07
Add Depth 1998 meters enclosed by dashed-line circle 22°24.0′S 153°05.5′W
Depth 514 meters enclosed by dashed-line circle 19°20.0′S 150°59.0′W
Depth 930 meters enclosed by dashed-line circle 21°05.0′S 152°20.0′W
Depth 673 meters enclosed by dashed-line circle 18°48.0′S 152°15.0′W
(NTM0011/2007)

607 (INT 607) 1Ed. 12/11/76 LAST NM 33/07 34/07
Add Depth 1694 meters enclosed by depth contour (2000-meter) centered 20°16′S 143°40′W
Depth 1665 meters enclosed by depth contour (2000-meter) centered 20°04′S 143°26′W
(NTM0011/2007)

607 (INT 607) 1Ed. 12/11/76 LAST NM 34/07 35/07
Add Depth 1096 meters enclosed by depth contour (2000-meter) 27°40′S 145°48′W
Depth 1420 meters enclosed by depth contour (2000-meter) 26°33′S 146°22′W
(NTM0011/2007)

607 (INT 607) 1Ed. 12/11/76 LAST NM 35/07 37/07
Delete Depth 51 meters, blue tint and enclosing depth contour (200-meter) centered 14°49′S 148°45′W

Substitute Depth 970 meters for 1780 meters 14°13′S 149°11′W
Depth 895 meters for 1350 meters 15°13′S 147°06′W
Depth 870 meters for 1600 meters 14°59′S 144°04′W

Add Depth 983 meters 13°48′S 149°19′W
Depth 975 meters 13°42′S 148°36′W
Depth 878 meters 15°07′S 145°15′W
Depth 1110 meters 11°26′S 149°00′W
Depth 2550 meters 16°52′S 148°49′W
Depth 2280 meters 16°39′S 149°20′W
Depth 2211 meters 12°28′S 146°26′W
Depth 1102 meters 12°57′S 148°17′W
Depth 1574 meters 11°04′S 149°43′W
Depth 1250 meters 10°35′S 149°28′W
Depth 860 meters 15°34′S 147°22′W
Depth 1191 meters 14°48′S 149°08′W
Depth 1288 meters 10°11′S 149°44′W
Depth 2901 meters 10°29′S 140°58′W
Depth 887 meters 16°56′S 143°59′W
(NTM0011/2007)

★**608** (INT 608) 2Ed. 6/15/96 NEW EDITION 42/96
(NIMA)

608 (INT 608) 2Ed. 6/15/96 LAST NM 42/96 9/00
Delete Depth 148 meters and enclosing depth contour centered 8°41′S 80°05′W
Depth 2797 meters and enclosing depth contour centered 28°02′S 80°04′W

Add Depth 84 meters enclosed by depth contour (100-meter) 8°42′S 79°57′W
Depth 471 meters enclosed by depth contour (1000-meter) 28°05′S 80°01′W
(43(4016, 4017)99 Taunton)

608 (INT 608) 2Ed. 6/15/96 LAST NM 9/00 14/00
Add Light symbol [P1] 4°07′S 81°03′W
(3(20)99 Callao)

608 (INT 608) 2Ed. 6/15/96 LAST NM 14/00 46/00
Add Superbuoy ODAS WBuY, Fl Y [Q58] 20°09′S 85°08′W
Superbuoy ODAS Y [Q58] 8°59′S 80°05′W
Superbuoy ODAS Y [Q58] 5°01′S 85°00′W
(NTM0004/2000)

608 (INT 608) 2Ed. 6/15/96 LAST NM 46/00 14/01
Add Superbuoy ODAS Y with light flare symbol [Q58] 9°00′S 85°01′W
Superbuoy ODAS Y with light flare symbol [Q58] 5°00′S 81°46′W

Light flare symbol to superbuoy ODAS 8°59′S 80°05′W
Light flare symbol to superbuoy ODAS 5°01′S 85°00′W
(See 46/00-608)
(9(60, 61)00 Callao)

608 (INT 608) 2Ed. 6/15/96 LAST NM 14/01 36/06
Add Superbuoy ODAS 20°00.0′S 84°55.0′W
(NTM0026/2006)

608 (INT 608) 2Ed. 6/15/96 LAST NM 36/06 18/07
Delete R Bn at light 33°01′S 71°39′W

Substitute Racon for R Bn at light 29°56′S 71°22′W
(5(569)03 Taunton; 10(111)05 Valparaiso)

608 (INT 608) 2Ed. 6/15/96 LAST NM 18/07 26/07
Delete Buoy 30°00′S 73°13′W
(NTM0021/2007)

608 (INT 608) 2Ed. 6/15/96 LAST NM 26/07 29/07
Add Wreck [K29] 11°25′S 78°11′W
Wreck [K29] 17°47′S 72°13′W
(11(55, 57)06 Callao)

608 (INT 608) 2Ed. 6/15/96 LAST NM 29/07 34/07
Add Superbuoy ODAS [Q58] Fl 8°00′S 85°00′W
(6(36)07 Callao)

★**609** (INT 609) 2Ed. 4/26/97 NEW EDITION 23/97
Delete Blue tint and enclosing depth contour centered 52°32′S 68°30′W
(NIMA; GIMM001/97)

609 (INT 609) 2Ed. 4/26/97 LAST NM 23/97 45/97
Add R Bn (AERO) at light symbol 47°43′S 74°55′W
(BA RA)

609 (INT 609) 2Ed. 4/26/97 LAST NM 45/97 51/98
Delete R Bn at light 36°36′S 73°03′W
38°26′S 73°55′W
(9(188)98 Valparaiso)

609 (INT 609) 2Ed. 4/26/97 LAST NM 51/98 4/07
Add Wreck [K29] (PA) 47°50′S 65°20′W
(10(107)05 Buenos Aires)

609 (INT 609) 2Ed. 4/26/97 LAST NM 4/07 7/07
Add Wreck [K29] 53°30′S 67°51′W
(7(66)05 Buenos Aires)

609 (INT 609) 2Ed. 4/26/97 LAST NM 7/07 9/07
Add Wreck [K29] (PA) 45°51′S 66°55′W
(18(215)03 Buenos Aires)

609 (INT 609) 2Ed. 4/26/97 LAST NM 9/07 18/07
Delete R Bn at light 33°01′S 71°39′W
(10(111)05 Valparaiso)

★**621** 5Ed. 6/29/96 NEW EDITION 36/96
Delete Depth 56 meters 14°46′S 147°47′W

R Bn (AERO) 8°48′S 140°13′W
8°56′S 139°33′W
9°46′S 139°01′W
(DMA; 12(50)96 Brest; BA RA)

621 5Ed. 6/29/96 LAST NM 36/96 52/96
Add Depth
490 meters 8°09′S 141°23′W
54 meters 10°13′S 137°55′W
(Fr CH 7371)

621 5Ed. 6/29/96 LAST NM 52/96 7/97
Add Depth
390 meters 23°31′S 136°00′W
675 meters 23°32′S 135°34′W
(33(30)96 Brest)

621 5Ed. 6/29/96 LAST NM 7/97 29/97
Substitute Depth 87 fathoms for 67 fathoms 18°20′S 148°30′W
(GIMM037/97)

621 5Ed. 6/29/96 LAST NM 29/97 5/00
Delete R Bn (AERO) 17°30′S 149°30′W
(BA RA)

621 5Ed. 6/29/96 LAST NM 5/00 32/00
Delete Depth 38 meters 7°57′S 140°58′W
Legend "Depths 20m...(1965)" 8°24′S 141°35′W

Add Depth 27 meters 8°22′S 140°54′W
Depth 49 meters 7°55′S 140°58′W
(4(21)99 Brest)

621 5Ed. 6/29/96 LAST NM 32/00 15/01
Substitute Depth 0.8 meter for islet 7°52′S 140°23′W
(44(52)00 Brest)

621 5Ed. 6/29/96 LAST NM 15/01 28/01
Delete Depth 25.5 meters 27°25′S 143°57′W
Depth 51 meters 27°23′S 143°47′W
Depth 36 meters "Rep (1972)" 27°43′S 143°18′W
Depth 58 meters 27°52′S 143°38′W

Add Depth 30 meters 27°26′S 144°01′W
(14(42)01 Brest)

621 5Ed. 6/29/96 LAST NM 28/01 39/01
Delete Depth 340 meters 14°30′S 152°14′W
(20(169)01 Wellington)

621 5Ed. 6/29/96 LAST NM 39/01 42/01
Delete R Bn (AERO) 21°49′S 138°47′W
(34(36)99 Brest)

621 5Ed. 6/29/96 LAST NM 42/01 7/02
Substitute Depth 9.3 meters for 2.7 meters "Rep 1950"
8°06′S 139°36′W

Depth 14 meters for 7.3 meters "1863" 8°42′S 140°43′W
(13(41)01 Brest)

621 5Ed. 6/29/96 LAST NM 7/02 22/02
Substitute Depth 159 meters for 87 fathoms 18°20′S 148°30′W
(See 29/97-621)
(NTM0020/2002)

621 5Ed. 6/29/96 LAST NM 22/02 8/05
Substitute Depth 19.8 meters for 30 meters 27°26′S 144°01′W
Depth 523 meters for 590 meters 27°30′S 145°02′W
(6(64)04 Wellington)

621 5Ed. 6/29/96 LAST NM 8/05 15/05
Add Depth 887 meters 16°47′S 155°12′W
Depth 550 meters 17°29′S 150°10′W
Depth 725 meters 18°13′S 152°46′W
Depth 456 meters 18°26′S 154°04′W
Depth 529 meters 19°28′S 148°34′W
(13(127)04 Wellington)

621 5Ed. 6/29/96 LAST NM 15/05 16/05
Substitute Depth 210 meters for 398 meters 22°35′S 150°59′W
(15(142)04 Wellington)

621 5Ed. 6/29/96 LAST NM 16/05 20/05
Substitute Depth 598 meters for 695 meters 18°48′S 152°15′W

Add Depth 776 meters 18°59′S 154°06′W
(17(167)04 Wellington)

621 5Ed. 6/29/96 LAST NM 20/05 21/05
Substitute Depth 547 meters for 675 meters 23°32.0′S 135°34.0′W

Add Depth 396 meters 15°17.0′S 135°07.5′W
(19(179)04 Wellington)

621 5Ed. 6/29/96 LAST NM 21/05 37/05
Delete Depth 525 meters and legend "Rep (1978)"
18°14′S 154°00′W

Substitute Depth 875 meters for 1038 meters 23°17′S 149°54′W
Depth 360 meters for 418 meters 21°33′S 155°27′W
Depth 839 meters for 1188 meters 21°48′S 151°30′W
Depth 944 meters for 1029 meters 21°15′S 150°44′W
Depth 462 meters for 300 meters 19°13′S 151°31′W

Add Depth 990 meters 20°47′S 150°48′W
(16(147, 148)05 Wellington)

621 5Ed. 6/29/96 LAST NM 37/05 43/05
Add Depth 197 meters 25°31′S 150°30′W
(19(181)05 Wellington)

621 5Ed. 6/29/96 LAST NM 43/05 6/06
Delete Depth 525 meters "Rep (1978)" 18°15′S 153°58′W
(47(5514)05 Taunton)

621 5Ed. 6/29/96 LAST NM 6/06 18/06
Add Depth 903 meters 10°26′S 139°01′W
(NTM0022/2006)

621 5Ed. 6/29/96 LAST NM 18/06 26/07
Add Depth 937 meters enclosed by dashed-line circle 24°56′S 121°52′W

Danger circle [K1] "Seamount reported 1966"
24°22′S 128°33′W
(NTM0011/2007)

621 5Ed. 6/29/96 LAST NM 26/07 34/07
Delete Depth 4261 meters 29°04′S 144°42′W

Add Depth 3752 meters 29°06′S 144°53′W
Depth 3177 meters 29°38′S 148°56′W
Depth 3290 meters 29°11′S 147°35′W
Depth 3533 meters 29°31′S 149°59′W
Depth 2451 meters 31°59′S 148°14′W
Depth 3913 meters 31°31′S 149°53′W
Depth 3377 meters 33°38′S 141°15′W
Depth 3413 meters 34°07′S 142°19′W
Depth 3574 meters 32°18′S 140°21′W
Depth 3137 meters 29°57′S 140°42′W
Depth 3199 meters 30°16′S 141°56′W
Depth 3668 meters 29°20′S 143°08′W
Depth 4189 meters 33°02′S 142°19′W
Depth 1665 meters 20°04′S 143°26′W
(NTM0011/2007)

621 5Ed. 6/29/96 LAST NM 34/07 36/07
Add Depth 1902 meters 24°39′S 149°50′W
Depth 1096 meters 27°40′S 145°48′W
Depth 1420 meters 26°33′S 146°23′W
(NTM0011/2007)

621 5Ed. 6/29/96 LAST NM 36/07 38/07
Add Depth 2416 meters 48°29′S 146°11′W
Depth 1199 meters 47°55′S 149°45′W
(NTM0011/2007)

621 5Ed. 6/29/96 LAST NM 36/07 39/07
Add Depth 2171 meters 25°12′S 153°09′W
Depth 2460 meters 25°50′S 152°57′W
Depth 2725 meters 28°15′S 151°26′W
Depth 2267 meters 23°44′S 154°20′W
Depth 1435 meters 24°06′S 156°27′W
(NTM0011/2007)

621 5Ed. 6/29/96 LAST NM 39/07 41/07
Delete Danger circle (PA) and legend "Discol water Rep (1990)" 25°54′S 134°14′W

Add Depth 2100 meters 25°00′S 138°20′W
(NTM0011/2007)

621 5Ed. 6/29/96 LAST NM 41/07 43/07
Add Depth 2347 meters 44°52′S 155°26′W
Depth 1814 meters 44°31′S 159°26′W
Depth 3176 meters 42°06′S 150°30′W
Depth 2835 meters 40°34′S 158°56′W
Depth 2875 meters 40°04′S 158°30′W
(NTM0011/2007)

621 5Ed. 6/29/96 LAST NM 43/07 3/08
Add Depth 445 meters "Rep (2007)" 24°46′S 119°14′W
Depth 357 meters "Rep (2007)" 25°22′S 119°07′W
Depth 170 meters "Rep (2007)" 26°56′S 110°14′W
Depth 178 meters "Rep (2007)" 34°55′S 119°09′W
Depth 446 meters "Rep (2007)" 24°46′S 121°39′W
Depth 262 meters "Rep (2007)" 24°39′S 125°07′W
Depth 280 meters "Rep (2007)" 8°02′S 139°37′W
Depth 357 meters "Rep (2007)" 15°17′S 135°06′W
Danger circle [K1] "Shoal (Rep 2007)" 24°40′S 124°48′W

Danger circle [K1] "Shoal (Rep 2007)" (PA)
24°14′S 128°22′W
Danger circle [K1] "Shoal (Rep 2007)" (PA)
8°50′S 139°35′W
Danger circle [K1] "Shoal (Rep 2007)" (PA)
7°51′S 140°10′W
(NTM0009/2007)

★**622** 9Ed. 2/10/96 NEW EDITION 19/96
Delete R Bn (AERO) 5°26′S 154°40′E
(Previously published 8/96)

Add Legend "(ED)" to depth 84 fathoms 36°10′S 173°27′E
(Previously published 13/96)

Delete R Bn (AERO) 41°47′S 171°35′E

Substitute Danger circle "Submarine Volcano Rep (1996)" for depth 53 fathoms "Rep (1981)" 20°59′S 170°17′E
(DMA; 11(940)96 Taunton; BA RA)

622 9Ed. 2/10/96 LAST NM 19/96 30/96
Add Danger circle "Shoal Rep" 20°20′S 177°32′W
19°56′S 177°12′W
17°27′S 176°35′W
(23(207)96 Auckland)

622 9Ed. 2/10/96 LAST NM 30/96 44/96
Relocate Superbuoy ODAS close N to 42°42′S 170°08′E
(38(318)96 Auckland)

622 9Ed. 2/10/96 LAST NM 44/96 50/96
Substitute Depth 164 fathoms for 1039 fathoms 24°04′S 168°34′E

Add Depth
166 fathoms 17°32′S 169°23′E
289 fathoms 19°13′S 164°54′E
16 fathoms 20°56′S 161°40′E

Danger circle (ED) 22°06′S 159°45′E
(34(38)96 Brest)

622 9Ed. 2/10/96 LAST NM 50/96 51/96
Delete R Bn 35°55′S 175°07′E
(44(366)96 Auckland)

622 9Ed. 2/10/96 LAST NM 51/96 17/97
Delete Danger circle (ED) 22°06′S 159°45′E
(See 50/96-622)
(4(98)97 Wollongong)

622 9Ed. 2/10/96 LAST NM 17/97 24/97
Delete Depth
630 fathoms 9°17′S 160°41′E
27 fathoms "Rep (1967)" 23°23′S 167°06′E

Add Depth
321 fathoms 9°18′S 160°37′E
199 fathoms "Rep (1981)" 8°34′S 160°08′E
(13(1186)97 Taunton; 8(36)97 Brest)

622 9Ed. 2/10/96 LAST NM 24/97 26/97
Delete Depth 1170 fathoms 27°20′S 177°10′W

Substitute Depth 284 fathoms for 372 fathoms 20°35′S 177°10′W

Add Depth 289 fathoms 27°13′S 177°18′W
(16(138)97 Auckland)

622 9Ed. 2/10/96 LAST NM 26/97 29/97
Add Depth 10 fathoms "Rep (1997)" 27°24′S 179°14′W
(23(196)97 Auckland)

622 9Ed. 2/10/96 LAST NM 29/97 40/97
Add Depth 180 fathoms 27°56′S 171°07′W
(34(291)97 Auckland)

622 9Ed. 2/10/96 LAST NM 40/97 17/98
Delete Depth 10 fathoms "Rep (1942)" 22°59′S 168°20′E
(30(34)97 Brest)

622 9Ed. 2/10/96 LAST NM 17/98 26/98
Delete Depth 38 fathoms and legend "Volcanic...1990)" 25°53′S 177°09′W

Add Depth 3 fathoms with legend "Volcanic activity Rep (1998)" 25°53′S 177°11′W
(GIMM016/98)

622 9Ed. 2/10/96 LAST NM 26/98 47/99
Add Danger circle "Shoal Rep (1999)" 22°11′S 171°10′E
(27(2499)99 Taunton; NTM0034/1999)

622 9Ed. 2/10/96 LAST NM 47/99 52/99
Add Depth 69 meters [I10] 22°32′S 161°19′E
Danger circle "Shoal Rep (1999)" [I4] 19°50′S 176°05′W
(43(411), 44(418)99 Auckland)

622 9Ed. 2/10/96 LAST NM 52/99 4/01
Delete Depth 61 fathoms 29°40′S 167°52′E
(10(291)99 Wollongong)

622 9Ed. 2/10/96 LAST NM 4/01 15/01
Add Depth 323 fathoms "Sub vol" enclosed by danger circle 14°13′S 169°04′W
(NTM0013/2001)

622 9Ed. 2/10/96 LAST NM 15/01 16/01
Add Depth 237 fathoms 38°30′S 169°08′E
Depth 260 fathoms 38°45′S 168°46′E
(50(468)99 Wellington)

622 9Ed. 2/10/96 LAST NM 16/01 29/01
Add Depth 105 fathoms 51°10′S 165°32′E
(1(21)00 Wellington)

622 9Ed. 2/10/96 LAST NM 29/01 39/01
Add Depth 5½ fathoms "Rep (2001)" [I3.2] 15°57′S 175°39′E
(20(168)01 Wellington)

622 9Ed. 2/10/96 LAST NM 39/01 9/02
Add Legend "Volcanic Activity (2001)" 18°19′S 174°25′W
(2(27)02 Wellington)

622 9Ed. 2/10/96 LAST NM 9/02 12/02
Add Danger circle [K1] "Volcanic Activity Rep (2001)" 18°47′S 179°11′E
(3(34)02 Wellington)

622 9Ed. 2/10/96 LAST NM 12/02 14/02
Delete Depth 16 fathoms "Rep (1981)" 38°56′S 147°59′E
(1(59)02 Wollongong)

622 9Ed. 2/10/96 LAST NM 14/02 20/02
Substitute Depth 37 fathoms for 69 meters 22°32′S 161°19′E
(See 52/99-622)
(NTM0020/2002)

622 9Ed. 2/10/96 LAST NM 20/02 47/02
Delete R Bn (AERO) 30°19′S 153°07′E
R Bn (AERO) 40°05′S 148°01′E
R Bn (AERO) 28°09′S 153°30′E
R Bn (AERO) 21°10′S 149°11′E
(BA RA)

622 9Ed. 2/10/96 LAST NM 47/02 6/03
Delete Depth 10 fathoms 12°53′S 175°39′W

Add Depth 8 fathoms 12°57′S 175°40′W
(47(4391)99 Taunton)

622 9Ed. 2/10/96 LAST NM 6/03 11/05
Add "Restricted Area - Coastal shipping and dredging prohibited" bound by purple composite line [N2.1] joining 23°15.0′S 167°00.0′E
23°15.0′S 169°00.0′E
25°30.0′S 169°00.0′E
25°30.0′S 167°00.0′E
(23(33)04 Brest)

622 9Ed. 2/10/96 LAST NM 11/05 12/05
Add Wreck [K29] 40°32′S 173°10′E
(9(89)04 Wellington)

622 9Ed. 2/10/96 LAST NM 11/05 13/05
Add Buoy Y, spherical, "X" topmark, Fl(3) Y 15s
56°39′S 174°40′E
(10(103)04 Wellington)

622 9Ed. 2/10/96 LAST NM 13/05 17/05
Change Legend to "Restricted Area - Coastal shipping, trawling and dredging prohibited" 24°30′S 168°00′E
(See 11/05-622)
(16(159)04 Wellington)

622 9Ed. 2/10/96 LAST NM 17/05 26/05
Delete Depth 15 fathoms, danger circle and legend "Rep (1945)" 23°34′S 154°15′E

Legend "Breakers Rep (1950)" 23°45′S 155°24′E

Danger circle "Discol'd water Rep (1945)"
23°58′S 154°24′E

Substitute Depth 231 fathoms for danger circle "Obstr Rep (1956)" 22°48′S 154°05′E

Add Depth 911 fathoms 24°00′S 153°55′E
(Aus CH 426)

622 9Ed. 2/10/96 LAST NM 26/05 29/05
Add Depth 339 fathoms 25°16′S 168°55′E
Depth 260 fathoms 23°33′S 167°19′E
(2(26)05 Wellington)

622 9Ed. 2/10/96 LAST NM 29/05 30/05
Delete Depth 293 fathoms 30°10′S 171°14′E
Legend "Rep (1967)" 30°25′S 167°22′E
Legend "Rep (1973)" 21°25′S 157°04′E

Substitute Depth 124 fathoms for 191 fathoms 30°23′S 167°54′E
Depth 8 fathoms for 9 fathoms 21°43′S 156°44′E

Add Depth 205 fathoms 30°06′S 171°16′E
(3(35)05 Wellington)

622 9Ed. 2/10/96 LAST NM 30/05 46/05
Substitute Depth 12 fathoms for 18 fathoms "Rep (1964)"
16°40′S 178°35′W
(NTM0031/2005)

622 9Ed. 2/10/96 LAST NM 46/05 1/06
Add Danger circle "Obstn" [K40] 46°39′S 178°32′E
Danger circle "Obstn" [K40] 49°35′S 179°57′E
Danger circle "Obstn" [K40] 50°16′S 180°00′
Depth 109 fathoms 50°40′S 167°42′E
Depth 91 fathoms 50°44′S 167°21′E
Depth 252 fathoms 52°41′S 173°36′E
Depth 305 fathoms 30°27′S 174°17′E
Depth 347 fathoms 29°53′S 174°06′E
Depth 14 fathoms 47°23′S 167°51′E
(34(4043)05 Taunton)

622 9Ed. 2/10/96 LAST NM 1/06 5/06
Add Danger circle "Obstn" [K40] 9°10′S 153°17′E
(NTM0009/2006)

622 9Ed. 2/10/96 LAST NM 5/06 13/06
Delete Depth 19 fathoms "Rep (1986) PD" and enclosing depth contour centered 32°00′S 166°55′E
(33(3601)03 Taunton)

622 9Ed. 2/10/96 LAST NM 13/06 16/06
Delete Depth 13 fathoms "Rep (1993)" and enclosing depth contour (20-fathom) 32°25′S 167°35′E
Depth 25 fathoms "Rep (1956)" and enclosing depth contour (100-fathom) 32°15′S 166°56′E
Depth 8¾ fathoms "Rep (1982)" and enclosing depth contour (20-fathom) 32°08′S 167°20′E

Substitute Depth 52 fathoms for 77 fathoms "Rep (1957)"
31°42′S 167°50′E

Add Depth 260 fathoms 32°12′S 168°05′E
(26(248)05 Wellington)

622 9Ed. 2/10/96 LAST NM 16/06 19/06
Add Depth 191 fathoms 36°19′S 178°02′E
(34(4042)05 Taunton)

622 9Ed. 2/10/96 LAST NM 16/06 20/06
Substitute Depth 4 fathoms for 7¼ fathoms 16°05′S 173°50′W
(42(51)04 Brest)

622 9Ed. 2/10/96 LAST NM 20/06 25/06
Add Depth 20 fathoms enclosed by depth contour (100-fathom) centered 23°12′S 159°27′E
(11(115)06 Wellington)

622 9Ed. 2/10/96 LAST NM 25/06 35/07
Add Depth 355 fathoms 38°15′S 164°55′E
Depth 1000 fathoms 39°18′S 161°00′E
(NTM0011/2007)

622 9Ed. 2/10/96 LAST NM 35/07 36/07
Add Depth 706 fathoms 39°59′S 165°51′W
Depth 758 fathoms 39°37′S 166°40′W
Depth 1206 fathoms 38°58′S 166°30′W
Depth 450 fathoms 39°06′S 167°22′W
Depth 695 fathoms 39°22′S 167°49′W
Depth 565 fathoms 37°28′S 169°21′W
Depth 581 fathoms 38°00′S 168°15′W
Depth 522 fathoms 36°54′S 169°43′W
Depth 1090 fathoms 36°17′S 169°39′W
Depth 828 fathoms 32°33′S 171°48′W
Depth 931 fathoms 32°12′S 171°52′W
Depth 892 fathoms 30°10′S 173°19′W
Depth 892 fathoms 30°38′S 172°53′W
Depth 916 fathoms 29°37′S 173°25′W
Depth 978 fathoms 29°19′S 173°12′W
Depth 627 fathoms 34°43′S 170°40′W
Depth 688 fathoms 33°49′S 171°24′W
Depth 309 fathoms 29°33′S 179°47′W
Depth 562 fathoms 33°09′S 179°56′W
Depth 369 fathoms 33°37′S 179°50′W
Depth 373 fathoms 33°28′S 179°37′W
(NTM0011/2007)

622 9Ed. 2/10/96 LAST NM 36/07 37/07
Add Depth 61 fathoms 29°40′S 167°52′E
Depth 405 fathoms 44°00′S 160°40′W
Depth 376 fathoms 43°37′S 161°27′W
Depth 450 fathoms 42°48′S 161°57′W
Depth 358 fathoms 42°14′S 162°48′W
Depth 425 fathoms 41°23′S 164°15′W
Depth 418 fathoms 40°53′S 165°04′W
Depth 584 fathoms 40°26′S 165°40′W
Depth 1046 fathoms 40°28′S 169°00′W
(NTM0011/2007)

622 9Ed. 2/10/96 LAST NM 37/07 3/08
Add Depth 192 fathoms 43°28′S 175°25′W
Depth 104 fathoms 43°35′S 175°37′W
Depth 538 fathoms 44°41′S 175°28′W
Depth 733 fathoms 44°43′S 172°18′W
Depth 892 fathoms 41°27′S 174°07′W
Depth 197 fathoms 48°10′S 179°37′W
Depth 364 fathoms 47°47′S 178°55′W
Depth 322 fathoms 47°38′S 179°27′W
Depth 1372 fathoms 45°50′S 175°32′W
Depth 1904 fathoms 46°07′S 170°28′W
(NTM0011/2007)

★623 9Ed. 8/31/96 NEW EDITION 47/96
Delete Depth 7.7 meters 1°42′N 107°26′E
(NIMA; MCC1306/94)

623 9Ed. 8/31/96 LAST NM 47/96 52/96
Delete Depth 10 meters 10°20′S 141°00′E
(34(567)96 Wollongong)

623 9Ed. 8/31/96 LAST NM 52/96 7/97
Substitute Depth 7.8 meters for 6.4 meters 14°07′S 146°48′E
(37(634)96 Wollongong)

623 9Ed. 8/31/96 LAST NM 7/97 15/97
Substitute Depth 14 meters for
dangerous submerged rock 40°24′S 144°05′E
(3(81)97 Wollongong)

623 9Ed. 8/31/96 LAST NM 15/97 38/97
Add Depth 14.3 meters "Rep (1997)" 8°21′S 127°29′E
(GIMM043/96)

623 9Ed. 8/31/96 LAST NM 38/97 44/97
Delete Depth
8.7 meters 9°44′S 129°06′E
7.3 meters 10°44′S 125°40′E

Add Depth
7 meters 9°53′S 129°17′E
7 meters 9°43′S 129°02′E
(16(450, 451)97 Wollongong)

623 9Ed. 8/31/96 LAST NM 44/97 50/97
Add Depth 106 meters "Rep (1977)" 3°29′S 143°58′E
(20(549)97 Wollongong)

623 9Ed. 8/31/96 LAST NM 50/97 9/98
Delete Dotted-line circle (PA) 12°35′S 130°02′E
(1(41)98 Wollongong)

623 9Ed. 8/31/96 LAST NM 9/98 33/98
Substitute Depth 12.2 meters for 12.8 meters 10°08′S 129°31′E
(10(259)98 Wollongong)

623 9Ed. 8/31/96 LAST NM 33/98 9/99
Add Depth 15.1 meters 10°42′S 126°14′E
(24(695)98 Wollongong)

623 9Ed. 8/31/96 LAST NM 9/99 16/99
Substitute Depth 13.8 meters for 15.1 meters 10°42′S 126°14′E
(See 9/99-623)
(1(44)99 Wollongong)

623 9Ed. 8/31/96 LAST NM 16/99 20/99
Add Danger circle "Obstn" 7°20′S 116°15′E
(26(2286)98 Taunton)

623 9Ed. 8/31/96 LAST NM 20/99 39/99
Delete Lightship 10°44′S 141°03′E
(12(344)99 Wollongong)

623 9Ed. 8/31/96 LAST NM 39/99 48/99
Add Depth 631 meters [I10] 43°55′S 150°28′E
(21(591)99 Wollongong)

623 9Ed. 8/31/96 LAST NM 48/99 14/02
Delete Depth 29 meters and enclosing danger circle
38°56′S 147°59′E
(1(59)02 Wollongong)

623 9Ed. 8/31/96 LAST NM 14/02 47/02
Delete R Bn (AERO) 30°19′S 153°07′E
R Bn (AERO) 41°00′S 145°42′E
R Bn (AERO) 40°06′S 148°01′E
R Bn (AERO) 39°53′S 143°52′E
R Bn (AERO) 38°36′S 145°36′E
R Bn (AERO) 12°24′S 130°54′E
R Bn (AERO) 28°10′S 153°30′E
R Bn (AERO) 21°10′S 149°11′E
R Bn (AERO) 16°55′S 145°48′E
(BA RA)

623 9Ed. 8/31/96 LAST NM 47/02 19/03
Delete R Bn (AERO) 34°57′S 138°33′E
(BA RA)

623 9Ed. 8/31/96 LAST NM 19/03 36/03
Delete R Bn (AERO) 24°53′S 113°42′E
(BA RA)

623 9Ed. 8/31/96 LAST NM 36/03 26/05
Delete Depth 27.5 meters and danger circle 23°34′S 154°15′E
Danger circle "Breakers" 23°58′S 154°24′E
(Aus CH 426)

623 9Ed. 8/31/96 LAST NM 26/05 18/06
Add Wreck [K29] 4°44′S 109°18′E
(2(7)06 Jakarta)

★624 3Ed. 3/21/81 NEW EDITION 20/81
(DMAHTC)

624 3Ed. 3/21/81 LAST NM 20/81 32/81
Add Depth 128 fathoms 51°01′S 167°23′E
(25(145)81 Auckland)

624 3Ed. 3/21/81 LAST NM 32/81 39/83
Delete Depths
52 fathoms "Rep (1963)" 44°15′S 175°56′E
80 fathoms 44°32′S 176°12′E

Add Depth 54 fathoms 44°25′S 176°02′E
(30(192)83 Auckland)

624 3Ed. 3/21/81 LAST NM 39/83 3/84
Add R Bns (AERO) 41°46.0′S 171°35.0′E
42°44.0′S 170°56.0′E

Depth 14 fathoms 50°31.0′S 166°36.0′E
(NZ CH 4600)

624 3Ed. 3/21/81 LAST NM 3/84 33/85
Delete Depth 5 fathoms "Rep (1963)" 45°21′S 171°25′E
(28(157)85 Auckland)

624 3Ed. 3/21/81 LAST NM 33/85 44/85
Add Depth 10 fathoms 46°43.5′S 168°47.0′E
(HNNM7595/85)

624 3Ed. 3/21/81 LAST NM 44/85 15/86
Add Depth 10 fathoms 71°12′S 170°03′E
(BA CH 3173)

624 3Ed. 3/21/81 LAST NM 15/86 47/86
Add Depths
83 fathoms 43°35′S 176°11′W
16 fathoms 44°07′S 176°02′W
(39(276)86 Auckland)

624 3Ed. 3/21/81 LAST NM 47/86 22/87
Add Light symbols 43°50′S 176°53′W
43°43′S 176°14′W
43°36′S 169°34′E
44°13′S 176°13′W
R Bn (AERO) 41°20′S 174°49′E
(BA CH 4600)

624 3Ed. 3/21/81 LAST NM 22/87 15/88
Add Depths
84 fathoms 56°09′S 158°31′E
53 fathoms "Rep (1988)" 50°27′S 165°33′E
(BA CH 788; 4(50)88 Auckland)

624 3Ed. 3/21/81 LAST NM 15/88 50/88
Add Depths
164 fathoms 43°33′S 177°33′W
148 fathoms 43°40′S 175°50′W
(33(207)88 Auckland)

624 3Ed. 3/21/81 LAST NM 50/88 10/89
Delete R Bn 46°10′S 166°40′E
R Bn (AERO) 43°28′S 172°34′E
(48(293), 49(299)88 Auckland)

624 3Ed. 3/21/81 LAST NM 10/89 47/89
Add Depth 210 fathoms 48°49′S 164°45′E
(35(207)89 Auckland)

624 3Ed. 3/21/81 LAST NM 47/89 14/91
Add Depths
385 fathoms (PA) 67°45.2′S 167°04.6′E
290 fathoms (PA) 67°43.6′S 166°56.3′E
280 fathoms (PA) 67°36.4′S 166°47.1′E
390 fathoms (PA) 67°30.8′S 166°41.5′E
(MCNM1082/91)

624 3Ed. 3/21/81 LAST NM 14/91 14/92
Add Depth 23 fathoms 52°20′S 169°37′E
(1(23)92 Auckland)

624 3Ed. 3/21/81 LAST NM 14/92 31/92
Add Depth 32 fathoms 43°21′S 174°57′E
(12(100)92 Auckland)

624 3Ed. 3/21/81 LAST NM 31/92 11/93
Add Depth 275 fathoms 47°31′S 177°03′E
(49(344)92 Auckland)

624 3Ed. 3/21/81 LAST NM 11/93 36/93
Delete R Bn at light 43°44.8′S 173°07.7′E
(26(202)93 Auckland)

624 3Ed. 3/21/81 LAST NM 36/93 10/94
Add Depth 7 fathoms 43°28′S 176°51′W
(2(29)94 Auckland)

624 3Ed. 3/21/81 LAST NM 10/94 33/94
Add Superbuoy ODAS with
light flare symbol 42°47′S 170°04′E
(26(202)94 Auckland)

624 3Ed. 3/21/81 LAST NM 33/94 2/95
Add Depth 87 fathoms 54°48.0′S 159°36.0′E
(46(3869)94 Taunton)

624 3Ed. 3/21/81 LAST NM 2/95 22/95
Substitute Depth 17 fathoms for 40 fathoms 46°35′S 165°55′E
(18(151)95 Auckland)

624 3Ed. 3/21/81 LAST NM 22/95 30/95
Delete Depth 87 fathoms 54°48′S 159°36′E
(Supersedes 2/95-624)

Add Depth 87 fathoms 54°55′S 158°36′E
(21(1711)95 Taunton)

624 3Ed. 3/21/81 LAST NM 30/95 34/95
Delete Light symbol 45°07′S 170°59′E
(26(211)95 Auckland)

624 3Ed. 3/21/81 LAST NM 34/95 40/95
Add Islet 43°31′S 176°55′W
(33(261)95 Auckland)

624 3Ed. 3/21/81 LAST NM 40/95 46/95
Delete R Bn 46°39′S 168°26′E
(38(295)95 Auckland)

624 3Ed. 3/21/81 LAST NM 46/95 5/96
Delete R Bn (AERO) at light 42°25′S 173°42′E
(BA RA)

624 3Ed. 3/21/81 LAST NM 5/96 22/96
Delete R Bn (AERO) (PA) 41°46.0′S 171°35.0′E
(BA RA)

624 3Ed. 3/21/81 LAST NM 22/96 43/96
Delete Depth 46 fathoms "Rep (1966)" 65°30′S 160°55′E

Add Depth 85 fathoms 49°25′S 178°45′E

Depth 32 fathoms with legend
"Balleny Seamount" 65°27′S 161°00′E
(NZ CH 14065)

624 3Ed. 3/21/81 LAST NM 43/96 44/96
Relocate Superbuoy ODAS (42°47′S 170°04′E) to 42°42′S 170°08′E
(38(318)96 Auckland)

624 3Ed. 3/21/81 LAST NM 44/96 29/98
Delete Depth 39 fathoms "Rep (1970)" 54°02′S 159°03′E

Add Depth 2 fathoms 54°01′S 159°03′E
(17(152)98 Auckland)

624 3Ed. 3/21/81 LAST NM 29/98 1/99
Add Depth 11 fathoms 43°38′S 176°47′W
(46(392)98 Auckland)

624 3Ed. 3/21/81 LAST NM 1/99 14/99
Delete Light 44°13′S 176°13′W
(GIMM011/99)

624 3Ed. 3/21/81 LAST NM 14/99 16/99
Add Depth
364 fathoms 47°47′S 178°55′W
61 fathoms 47°39′S 179°39′E
(8(101)99 Auckland)

624 3Ed. 3/21/81 LAST NM 16/99 29/01
Add Depth 105 fathoms 51°10′S 165°32′E
(1(21)00 Wellington)

624 3Ed. 3/21/81 LAST NM 29/01 22/02
Add Legend "Lies 3 miles NW of charted position
(2001)" centered 67°05′S 162°20′E
(8(74)02 Wellington)

624 3Ed. 3/21/81 LAST NM 22/02 7/04
Add Depth 76 fathoms enclosed by depth contour
(100-fathom) 71°04′S 171°10′E
(16(1842)03 Taunton)

624 3Ed. 3/21/81 LAST NM 7/04 9/05
Add Wreck [K29] 41°44′S 174°58′E
(2(29)04 Wellington)

624 3Ed. 3/21/81 LAST NM 9/05 13/05
Add Buoy Y, spherical, "X" topmark, Fl(3) Y 15s
56°39′S 174°40′E
(10(103)04 Wellington)

624 3Ed. 3/21/81 LAST NM 13/05 1/06
Add Danger circle "Obstn" [K40] 46°38.5′S 178°31.5′E
Danger circle "Obstn" [K40] 49°35.0′S 179°57.0′E
Danger circle "Obstn" [K40] 50°16.0′S 180°00.0′
(34(4043)05 Taunton)

624 3Ed. 3/21/81 LAST NM 1/06 33/06
Delete Light symbol and legend "Cape Saunders" 45°53′S 170°44′E
(14(145)06 Wellington)

624 3Ed. 3/21/81 LAST NM 33/06 39/07
Add Depth 67 fathoms 50°27′S 165°41′E
Depth 109 fathoms 50°40′S 167°42′E
Depth 91 fathoms 50°44′S 167°21′E
Depth 252 fathoms 52°41′S 173°36′E
(NTM0011/2007)

624 3Ed. 3/21/81 LAST NM 39/07 3/08
Add Depth 104 fathoms 43°35′S 175°37′W
Depth 138 fathoms 44°11′S 175°16′W
Depth 538 fathoms 44°41′S 175°28′W
Depth 733 fathoms 42°43′S 172°18′W
Depth 892 fathoms 41°27′S 174°07′W
Depth 197 fathoms 48°10′S 179°37′W
Depth 322 fathoms 47°38′S 179°27′W
Depth 1372 fathoms 45°50′S 175°32′W
Depth 1904 fathoms 46°07′S 170°28′W
(NTM0011/2007)

★625 4Ed. 10/12/96 NEW EDITION 50/96
(NIMA)

625 4Ed. 10/12/96 LAST NM 50/96 31/06
Substitute Depth 218 meters for 472 meters 59°43′S 68°52′W
Depth 1499 meters for 2743 meters 60°39′S 66°19′W

Add Depth 1225 meters 60°00′S 69°07′W
Depth 1870 meters 59°37′S 66°57′W
(NTM0014/2006)

★625 4Ed. 10/12/96 LAST NM 31/06 16/07
Add Area "#66" (Red Dot Area), predicted depth 0 meter, bound by purple dashed line joining
43°11′S 98°08′W
43°16′S 97°25′W
43°58′S 97°06′W
43°18′S 98°14′W

Note from Subsection I-2 in upper right margin of chart
(NTM0009/2007)

625 4Ed. 10/12/96 LAST NM 16/07 34/07
Add Depth 3857 meters 33°56′S 147°39′W
Depth 3377 meters 33°38′S 141°15′W
Depth 3413 meters 34°07′S 142°19′W
(NTM0011/2007)

625 4Ed. 10/12/96 LAST NM 34/07 38/07
Add Depth 2416 meters 48°29′S 146°11′W
Depth 1199 meters 47°55′S 149°45′W
(NTM0011/2007)

625 4Ed. 10/12/96 LAST NM 38/07 43/07
Add Depth 2347 meters 44°52′S 155°26′W

Depth 1814 meters enclosed by depth contour (1829-meter) centered 44°31′S 159°26′W

Depth 3176 meters 42°06′S 150°30′W
Depth 2855 meters 40°15′S 152°32′W
Depth 2121 meters 41°13′S 158°23′W
Depth 2875 meters 40°04′S 158°30′W
(NTM0011/2007)

★632 8Ed. 1/15/94 NEW EDITION 18/94
Delete R Bn symbol at light 5°58′S 106°51′E
(DMAHTC; 51(3770)86 Taunton)

632 8Ed. 1/15/94 LAST NM 18/94 32/94
Delete Depth 4 fathoms "Rep (1974)" 1°44′N 107°26′E
(MCC1306/94)

632 8Ed. 1/15/94 LAST NM 32/94 48/94
Delete Light symbol 7°06′S 114°16′E
(39(3286)94 Taunton)

632 8Ed. 1/15/94 LAST NM 48/94 44/95
Add Rock which covers and uncovers "Rep (1995)" 0°08′N 106°13′E
(MCC1299/94)

632 8Ed. 1/15/94 LAST NM 44/95 45/95
Add Depth 16 fathoms Wk (unsurveyed) 5°22′N 114°39′E
(38(3144)95 Taunton)

632 8Ed. 1/15/94 LAST NM 45/95 47/95
Change Caution No. 2 of CAUTIONS note in right upper margin of chart to
"2. The area enclosed by the dashed line has not been completely surveyed, and it is reported that numerous dangers exist in the area."

Add Purple dashed line (limit of dangerous ground) joining
9°00′N 116°41′E
7°30′N 115°25′E
7°30′N 111°30′E
8°40′N 111°30′E
9°00′N 111°53′E
(BA CH 2660B)

632 8Ed. 1/15/94 LAST NM 47/95 6/96
Add Depth 908 fathoms "Rep (1995)" 5°51′S 125°32′E
(SMEA002/96)

632 8Ed. 1/15/94 LAST NM 6/96 12/96
Add Dangerous wreck 6°08.5′S 108°26.5′E
(5(395)96 Taunton)

632 8Ed. 1/15/94 LAST NM 12/96 15/96
Add Light symbol 7°33′N 109°42′E
7°33′N 109°48′E
7°55′N 109°57′E
7°48′N 110°28′E
8°09′N 110°35′E
8°02′N 110°37′E
7°52′N 111°44′E
8°39′N 111°38′E
8°50′N 112°11′E
(33(62)94, 49(43, 46)95 Brest)

632 8Ed. 1/15/94 LAST NM 15/96 45/96
Delete Dangerous wreck "Rep (1947)" 4°36.0′S 113°02.0′E

Add Wreck 4°37.0′S 112°58.8′E
(39(3218)96 Taunton; Indo CH 150)

632 8Ed. 1/15/94 LAST NM 45/96 51/96
Add Depth 24 fathoms 7°36.3′N 108°30.0′E
(43(3560)96 Taunton)

632 8Ed. 1/15/94 LAST NM 51/96 8/97
Substitute Depth 21 fathoms Wk for 11 fathoms Wk (unsurveyed) 2°15′N 104°56′E

Add Depth 10 fathoms 5 feet Wk (unsurveyed) 2°38′N 105°13′E
(33(2386)91, 50(4146)96 Taunton)

632 8Ed. 1/15/94 LAST NM 8/97 10/97
Add Dangerous wreck 4°32′N 108°14′E
(1(63)97 Taunton)

632 8Ed. 1/15/94 LAST NM 10/97 38/97
Add Depth 7 fathoms 5 feet "Rep (1997)" 8°21′S 127°29′E
(GIMM043/96)

632 8Ed. 1/15/94 LAST NM 38/97 4/99
Delete Depth 947 fathoms 8°38′N 112°21′E

Substitute Depth 293 fathoms for 595 fathoms 8°34′N 109°38′E

Add Depth
293 fathoms 8°47′N 109°27′E
359 fathoms 8°40′N 109°55′E
259 fathoms 8°41′N 112°26′E
253 fathoms 6°40′N 111°57′E
156 fathoms 6°16′N 110°17′E
146 fathoms 5°48′N 110°36′E
59 fathoms 5°42′N 110°09′E
(12(1032)98 Taunton)

632 8Ed. 1/15/94 LAST NM 4/99 9/99
Add Depth 8 fathoms 1 foot 10°42.4′S 126°14.2′E
(24(695)98 Wollongong)

632 8Ed. 1/15/94 LAST NM 9/99 16/99
Delete Depth 14 fathoms "Rep (1956)" 10°42′S 126°10′E

Substitute Depth 7 fathoms 3 feet for
8 fathoms 1 foot 10°42.4′S 126°14.2′E
(See 9/99-632)
(1(44)99 Wollongong)

632 8Ed. 1/15/94 LAST NM 16/99 20/99
Add Danger circle "Obstn" 7°20′S 116°15′E
(26(2286)98 Taunton)

632 8Ed. 1/15/94 LAST NM 20/99 40/99
Add Dangerous wreck 0°37′N 107°50′E
(31(2890)99 Taunton)

632 8Ed. 1/15/94 LAST NM 40/99 52/99
Add Light symbol 6°08′S 124°37′E
Light symbol 6°02′S 124°03′E
(39(3554)98 Taunton)

632 8Ed. 1/15/94 LAST NM 52/99 15/02
Add Depth 30 meters Wk [K26] 1°49′N 108°29′E
(5(482)02 Taunton)

632 8Ed. 1/15/94 LAST NM 15/02 24/02
Add Depth 9 fathoms 5 feet "Rep (2002)" [I3.2]
7°12′N 108°37′E
(18(1833)02 Taunton)

632 8Ed. 1/15/94 LAST NM 24/02 45/02
Add Depth 580 meters 8°28′N 111°53′E
(36(3833)02 Taunton)

632 8Ed. 1/15/94 LAST NM 45/02 50/05
Add Depth 12 meters 1°04′S 106°49′E
(43(1306)05 Tokyo)

632 8Ed. 1/15/94 LAST NM 50/05 4/06
Add Depth 41 fathoms Wk [K26] 4°18′N 106°05′E
Depth 34 fathoms Wk [K26] 4°30′N 105°56′E
Depth 14 fathoms Wk [K26] 1°46′N 108°19′E
Wreck [K29] 5°50′S 107°30′E
Wreck [K29] 4°40′S 125°20′E
(34(256), 36(269-271), 37(279)04 Jakarta)

632 8Ed. 1/15/94 LAST NM 4/06 12/06
Add Wreck [K29] 5°49′S 106°35′E
Wreck [K29] 5°12′S 109°59′E
(36(360), 37(365)05 Jakarta)

632 8Ed. 1/15/94 LAST NM 12/06 14/06
Add Depth 199 fathoms 4°02′N 94°44′E
Depth 303 fathoms 2°41′N 95°04′E
Depth 424 fathoms 2°27′N 95°22′E
(41(399)05 Jakarta)

632 8Ed. 1/15/94 LAST NM 14/06 18/06
Add Wreck [K29] 4°44′S 109°18′E
(2(7)06 Jakarta)

632 8Ed. 1/15/94 LAST NM 18/06 35/06
Add Danger circle [Ke] "Discol water" centered
3°53′N 105°11′E
(6(93)06 Kuala Lumpur)

632 8Ed. 1/15/94 LAST NM 35/06 47/06
Add Wreck [K29] 9°50′S 121°31′E
(19(141)06 Jakarta)

★**700** (INT 700) 4Ed. 10/7/95 NEW EDITION 4/96
(DMA)

700 (INT 700) 4Ed. 10/7/95 LAST NM 4/96 47/96
Delete Legend "AERO" 31°43′S 29°07′E
(7(75)96 Cape Town)

700 (INT 700) 4Ed. 10/7/95 LAST NM 47/96 3/99
Add Wreck 30°00′S 31°53′E
(9(110)98 Cape Town)

700 (INT 700) 4Ed. 10/7/95 LAST NM 3/99 52/99
Delete Depth 49 meters 33°54′S 26°47′E
(5(58)99 Cape Town)

700 (INT 700) 4Ed. 10/7/95 LAST NM 52/99 21/00
Delete Depth 192 meters 28°39′S 32°40′E
(1(25)00 Cape Town)

700 (INT 700) 4Ed. 10/7/95 LAST NM 21/00 34/00
Delete R Bn at light 27°33′S 32°41′E
R Bn at light 28°09′S 32°33′E
R Bn at light 28°31′S 32°24′E
R Bn at light 28°46′S 32°08′E
R Bn at light 33°31′S 27°06′E
R Bn at light 32°14′S 28°55′E
R Bn at light 30°45′S 30°28′E
R Bn at light 30°28′S 30°39′E
R Bn at light 29°56′S 31°00′E
R Bn at light 34°01′S 25°42′E
R Bn at light 33°02′S 27°54′E
(3(36)00 Cape Town)

700 (INT 700) 4Ed. 10/7/95 LAST NM 34/00 8/07
Add Depth 1710 meters enclosed by dashed-line circle 29°08′S 44°11′E
Depth 969 meters enclosed by dashed-line circle 34°32′S 43°12′E
(NTM0014/2006)

700 (INT 700) 4Ed. 10/7/95 LAST NM 8/07 18/07
Delete Depth 146 meters, blue tint and enclosing danger circle centered 29°29′S 31°57′E
(4(59)06 Cape Town)

700 (INT 700) 4Ed. 10/7/95 LAST NM 18/07 40/07
Add Depth 995 meters 37°25′S 50°28′E
Depth 1556 meters 37°02′S 52°05′E
Depth 205 meters 36°53′S 52°06′E
Depth 666 meters 36°35′S 52°01′E
Depth 1660 meters 36°38′S 52°35′E
Depth 1232 meters 36°53′S 52°44′E
Depth 1411 meters 37°37′S 51°08′E
(NTM0011/2007)

★**701** (INT 701) 3Ed. 10/5/96 NEW EDITION 51/96
(NIMA)

701 (INT 701) 3Ed. 10/5/96 LAST NM 51/96 4/97
Add Depth 86 meters (ED) 11°52′S 44°23′E
(47(3880)96 Taunton)

701 (INT 701) 3Ed. 10/5/96 LAST NM 4/97 1/08
Substitute Depth 75 meters enclosed by dotted-line circle for 2979 meters 11°37′S 43°02′E

Add Depth 56 meters enclosed by dotted-line circle 11°43′S 43°02′E

(continued on next page)

701 (Continued) 1/08
Depth 22.5 meters enclosed by
dotted-line circle 11°55′S 43°06′E
(38(3744)00 Taunton)

★702 (INT 702) 5Ed. 10/14/95 NEW EDITION 14/96
(DMA)

702 (INT 702) 5Ed. 10/14/95 LAST NM 14/96 40/97
Add Depth 317 meters 8°46.5′S 70°17.0′E
(27(2361)97 Taunton)

702 (INT 702) 5Ed. 10/14/95 LAST NM 40/97 44/97
Delete Depth 891 meters 8°18′S 71°22′E

Add Depth 599 meters 8°20′S 71°22′E
(29(2572)97 Taunton)

702 (INT 702) 5Ed. 10/14/95 LAST NM 44/97 7/03
Delete Depth 23 meters, blue tint and enclosing
dotted-line circle in vicinity 10°25′S 57°30′E
Depth 22 meters, blue tint and enclosing
dotted-line circle in vicinity 6°26′S 58°32′E
(13(36)02 Brest)

★703 (INT 703) 4Ed. 6/1/96 NEW EDITION 39/96
Delete Depth 521 meters 11°45′N 73°02′E

Substitute Depth 47 meters for 48 meters 12°14′N 54°17′E

Add Depth
262 meters "Rep (1983)" 6°51′S 72°12′E
419 meters 11°44′N 73°01′E

Danger circle
"Discol water (1992)" 11°35′N 55°57′E
"Obstn Rep (1991)" 13°02′N 46°22′E

Islet, six miles by one mile wide,
oriented 035°-205° on axis centered 7°09′S 56°15′E

R Bn (AERO) 7°08′S 56°16′E
(DMA; SMEA003/96)

703 (INT 703) 4Ed. 6/1/96 LAST NM 39/96 24/97
Add Depth 758 meters "Rep (1997)" 12°38′N 47°14′E
(GIMM044/96)

703 (INT 703) 4Ed. 6/1/96 LAST NM 24/97 41/97
Add Depth 235 meters 9°24′N 74°39′E
(13(271)97 Dehra Dun)

703 (INT 703) 4Ed. 6/1/96 LAST NM 41/97 49/99
Delete R Bn at light 8°16′N 73°02′E
(31(2755)98 Taunton)

703 (INT 703) 4Ed. 6/1/96 LAST NM 49/99 3/01
Add Depth 645 meters 12°08′N 47°30′E
(22(1993)99 Taunton)

703 (INT 703) 4Ed. 6/1/96 LAST NM 3/01 7/01
Delete Depth 600 meters 13°25′N 50°13′E

Add Depth 55 meters 12°32′N 54°41′E
Depth 200 meters 11°47′N 55°11′E
Depth 547 meters 12°09′N 47°06′E
Depth 523 meters 13°28′N 50°09′E
(38(3493, 3494)99 Taunton)

703 (INT 703) 4Ed. 6/1/96 LAST NM 7/01 8/01
Add Depth 185 meters enclosed by depth contour
(200-meter) 4°26′N 72°40′E
(11(1037)99 Taunton)

703 (INT 703) 4Ed. 6/1/96 LAST NM 8/01 41/01
Delete R Bn at light 13°00′N 74°47′E
R Bn at light 10°12′N 76°10′E
(17(378, 379)98 Dehra Dun)

703 (INT 703) 4Ed. 6/1/96 LAST NM 41/01 46/02
Delete Depth 155 meters, blue tint and enclosing
danger circle in vicinity 13°07′N 51°23′E
(15(11)02 Brest)

703 (INT 703) 4Ed. 6/1/96 LAST NM 46/02 7/03
Delete Depth 22 meters, blue tint and enclosing
dotted-line circle in vicinity 6°26′S 58°32′E
(13(36)02 Brest)

703 (INT 703) 4Ed. 6/1/96 LAST NM 7/03 44/03
Add Depth 1737 meters 7°58′N 74°35′E
(NTM0030/2003)

★704 (INT 704) 1Ed. 8/11/84 NEW CHART 41/84
(DMAHTC)

704 (INT 704) 1Ed. 8/11/84 LAST NM 41/84 26/85
Delete Depth 726 meters 25°31′N 35°32′E

Add Depth 14.6 meters "Rep (1984)" (PA) 25°32.9′N 35°31.7′E
(16(1062)85 Taunton)

704 (INT 704) 1Ed. 8/11/84 LAST NM 26/85 16/86
Add Depth 34 meters "Rep (1985)" 16°27′N 40°45′E
(4(281)86 Taunton)

704 (INT 704) 1Ed. 8/11/84 LAST NM 16/86 27/86
Delete Depth 591 meters 21°17.5′N 37°29.0′E

Add Depths
119 meters 21°17.5′N 37°29.8′E
444 meters (PA) 11°55.0′N 44°42.0′E
(15(1106)86 Taunton; MCNM7776/86)

704 (INT 704) 1Ed. 8/11/84 LAST NM 27/86 35/86
Add R Bn 19°36.5′N 37°14.1′E
(25(1797)86 Taunton)

704 (INT 704) 1Ed. 8/11/84 LAST NM 35/86 10/87
Add Light symbol 23°28′N 38°25′E
(SPA A170/86)

704 (INT 704) 1Ed. 8/11/84 LAST NM 10/87 14/87
Add Depth 10 meters "Rep (1986)" 14°14′N 42°27′E
(DIFRAP 5209/86; 4(329)87 Taunton)

704 (INT 704) 1Ed. 8/11/84 LAST NM 14/87 1/88
Delete Depth 14.6 meters "Rep (1984)" (PA) 25°33′N 35°32′E
Light 21°30′N 39°12′E

Add Depth 726 meters 25°32′N 35°32′E
(46(3480, 3481)87 Taunton)

704 (INT 704) 1Ed. 8/11/84 LAST NM 1/88 25/88
Add Rock awash 22°19′N 38°53′E
Submerged rock 21°38′N 38°59′E
Dangerous submerged rock 21°24′N 38°51′E
(13(1033, 1034)88 Taunton)

704 (INT 704) 1Ed. 8/11/84 LAST NM 25/88 45/88
Delete Legend "NOT...APPLIES)"
in lower left margin of chart
(MCNM8163/88)

704 (INT 704) 1Ed. 8/11/84 LAST NM 45/88 46/88
Delete Depth 31 meters 18°57′N 38°08′E

Add Depth 23 meters 18°57′N 38°09′E
(36(2708)88 Taunton)

704 (INT 704) 1Ed. 8/11/84 LAST NM 46/88 52/88
Delete R Bn (AERO) 29°31′N 34°54′E

Add R Bn (AERO) 29°03′N 34°40′E
(40(2990)88 Taunton; BA RA)

704 (INT 704) 1Ed. 8/11/84 LAST NM 52/88 53/88
Add Depth 24 meters 27°50′N 34°59′E
(42(3137)88 Taunton)

704 (INT 704) 1Ed. 8/11/84 LAST NM 53/88 40/92
Delete R Bn (AERO) 19°34′N 37°13′E
(DMAHTC)

704 (INT 704) 1Ed. 8/11/84 LAST NM 40/92 46/95
Delete R Bn (AERO) 11°33′N 43°08′E
(BA RA)

704 (INT 704) 1Ed. 8/11/84 LAST NM 46/95 31/00
Add Depth 18.4 meters, blue tint and enclosing depth contour (30-meter) centered 14°03′N 41°54′E
(23(2300)00 Taunton)

704 (INT 704) 1Ed. 8/11/84 LAST NM 31/00 7/01
Add Depth 205 meters 19°33′N 39°24′E
(38(3495)99 Taunton)

★**705** (INT 705) 3Ed. 6/5/82 NEW EDITION 33/82
Add Depth 366 meters 12°51′N 71°30′E
(Previously published 26/82)
(DMAHTC)

705 (INT 705) 3Ed. 6/5/82 LAST NM 33/82 34/82
Add Light symbol 20°56.3′N 72°45.5′E
(10(257)82 Dehra Dun)

705 (INT 705) 3Ed. 6/5/82 LAST NM 34/82 37/83
Delete R Bns 15°53′N 73°28′E
18°42′N 72°49′E
(10(250), 14(380)83 Dehra Dun)

705 (INT 705) 3Ed. 6/5/82 LAST NM 37/83 40/83
Add Depth 521 meters "Rep (1983)" (PA) 11°45.2′N 73°02.0′E
(NVS7032/83)

705 (INT 705) 3Ed. 6/5/82 LAST NM 40/83 47/83
Delete R Bn (AERO) and legend "Zaqqum" 24°52′N 53°37′E
(40(2577)83 Taunton)

705 (INT 705) 3Ed. 6/5/82 LAST NM 47/83 1/84
Add Depth 16 meters "Rep (1975)" (PA) 19°16.8′N 58°12.5′E
(NVS7141/83)

705 (INT 705) 3Ed. 6/5/82 LAST NM 1/84 2/84
Add R Bn at light 19°17′N 72°47′E
(22(582)83 Dehra Dun)

705 (INT 705) 3Ed. 6/5/82 LAST NM 2/84 27/84
Substitute Depth 47 meters for 48 meters 12°13.5′N 54°19.5′E
(52(50)76 Brest)

705 (INT 705) 3Ed. 6/5/82 LAST NM 27/84 28/84
Delete R Bn 24°51′N 67°01′E
(US RA)

705 (INT 705) 3Ed. 6/5/82 LAST NM 28/84 33/84
Add Light symbol 11°15.4′N 72°47.4′E
(12(290)84 Dehra Dun)

705 (INT 705) 3Ed. 6/5/82 LAST NM 33/84 35/84
Add Depth 179 meters "Rep (1961)" (PA) 12°33.6′N 45°04.2′E
(NVS7308/84)

705 (INT 705) 3Ed. 6/5/82 LAST NM 35/84 4/85
Add Light symbol with legend "Kasaragod" 12°30′N 74°58′E
(19(461)84 Dehra Dun)

705 (INT 705) 3Ed. 6/5/82 LAST NM 4/85 8/85
Add Dangerous wreck 19°19′N 72°15′E
(1(46)85 Dehra Dun)

705 (INT 705) 3Ed. 6/5/82 LAST NM 8/85 47/85
Delete R Bn (AERO) 25°05′N 61°48′E
(DMAHTC)

705 (INT 705) 3Ed. 6/5/82 LAST NM 47/85 8/86
Add Light symbol 21°37′N 69°37′E
Legend "Oilfields and Recommended Routes (see note)" 18°50′N 71°35′E
Note
"OILFIELDS AND RECOMMENDED ROUTES
Due to existence of various Oilfields in the area, recommended routes have been established to assist mariners to navigate safely in the vicinity of these Oilfields. For details of these, the larger scale charts should be consulted." 23°40′N 73°10′E
(22(547), 24(594)85 Dehra Dun)

705 (INT 705) 3Ed. 6/5/82 LAST NM 8/86 11/86
Add Depth 382 meters 19°05.5′N 58°16.3′E
(HNNM 7711/86)

705 (INT 705) 3Ed. 6/5/82 LAST NM 11/86 19/86
Add Danger circle "Shoal (rep 1969)" 12°07.5′N 52°32.0′E
(9(670)86 Taunton)

705 (INT 705) 3Ed. 6/5/82 LAST NM 19/86 40/86
Add Light symbol 21°56.5′N 69°13.9′E
(14(376)86 Dehra Dun; 33(2383)86 Taunton)

705 (INT 705) 3Ed. 6/5/82 LAST NM 40/86 3/87
Add Light symbol with legend "Chetwai" 10°33′N 76°01′E
(20(526)86 Dehra Dun)

705 (INT 705) 3Ed. 6/5/82 LAST NM 3/87 9/87
Delete Depth 631 meters 12°59′N 53°57′E

Add Depths
386 meters 12°59′N 54°01′E
494 meters 12°08′N 45°38′E
664 meters 12°07′N 44°58′E
(49(3598)86 Taunton)

705 (INT 705) 3Ed. 6/5/82 LAST NM 9/87 17/87
Add Light symbol with legend "Tekra" 22°55.5′N 70°07.3′E
(1(28)87 Dehra Dun)

705 (INT 705) 3Ed. 6/5/82 LAST NM 17/87 39/87
Delete Depths
57 meters 12°00′N 54°44′E
152 meters 12°04′N 54°47′E
(MCNM7970/87)

705 (INT 705) 3Ed. 6/5/82 LAST NM 39/87 48/87
Substitute Depth 23 meters for 60 meters 19°00.4′N 69°54.4′E
(16(391)87 Dehra Dun)

705 (INT 705) 3Ed. 6/5/82 LAST NM 48/87 5/88
Add Depth 68 meters 12°31′N 53°11′E
(50(3783)87 Taunton)

705 (INT 705) 3Ed. 6/5/82 LAST NM 5/88 32/88
Delete R Bn at light 26°28′N 56°32′E
(26(1980)88 Taunton)

705 (INT 705) 3Ed. 6/5/82 LAST NM 32/88 16/89
Add Racon at light 26°28′N 56°32′E
(10/89 Bahrain)

705 (INT 705) 3Ed. 6/5/82 LAST NM 16/89 26/89
Substitute Depth 13 meters for 16 meters 10°51′N 73°48′E
(15(1172)89 Taunton)

705 (INT 705) 3Ed. 6/5/82 LAST NM 26/89 34/90
Add Depth 380 meters 13°49′N 73°06′E
(10(207)90 Dehra Dun)

705 (INT 705) 3Ed. 6/5/82 LAST NM 34/90 4/91
Delete Depth 16 meters 12°53′N 43°16′E
(MCNM1068/90)

705 (INT 705) 3Ed. 6/5/82 LAST NM 4/91 11/92
Add Depth 389 meters 11°44′N 55°08′E
(1(51)92 Taunton)

705 (INT 705) 3Ed. 6/5/82 LAST NM 11/92 9/93
Add Danger circle "Discol water (1992)" 11°35′N 55°57′E
(MCC1232/93)

705 (INT 705) 3Ed. 6/5/82 LAST NM 9/93 11/93
Delete R Bn (AERO) 21°38′N 69°40′E

Substitute R Bn for light symbol 21°37′N 69°37′E
(29(2086)91 Taunton; 19(358)92 Dehra Dun; BA RA)

705 (INT 705) 3Ed. 6/5/82 LAST NM 11/93 13/93
Delete R Bn (AERO) 29°27′N 48°18′E

Add R Bn (AERO) 28°05′N 48°37′E
(19(1386)92 Taunton)

705 (INT 705) 3Ed. 6/5/82 LAST NM 13/93 16/93
Add R Bn at light 16°59′N 73°16′E
(23(434)92 Dehra Dun)

705 (INT 705) 3Ed. 6/5/82 LAST NM 16/93 33/93
Add Danger circle "Obstn Rep (1991)" 13°02′N 46°22′E
(MCC1265/93)

705 (INT 705) 3Ed. 6/5/82 LAST NM 33/93 45/94
Add Depth 494 meters "Rep" 15°02′N 72°27′E
(MCC1337/94)

705 (INT 705) 3Ed. 6/5/82 LAST NM 45/94 6/95
Add Depth
489 meters 13°21′N 72°01′E
120 meters 12°15′N 73°45′E
(48(4020)94 Taunton)

705 (INT 705) 3Ed. 6/5/82 LAST NM 6/95 6/96
Delete Depth 120 meters 12°15′N 73°45′E
(See 6/95-705)
(48(3947)95 Taunton)

705 (INT 705) 3Ed. 6/5/82 LAST NM 6/96 8/96
Add Depth 311 meters 24°45.4′N 61°51.3′E
(Pak CH 33)

705 (INT 705) 3Ed. 6/5/82 LAST NM 8/96 22/97
Add Stranded wreck 29°09′N 49°16′E
(11(976)97 Taunton)

705 (INT 705) 3Ed. 6/5/82 LAST NM 22/97 24/97
Add Depth 758 meters "Rep (1997)" 12°38′N 47°14′E
(GIMM044/96)

705 (INT 705) 3Ed. 6/5/82 LAST NM 24/97 36/97
Delete Depth 494 meters "Rep" 15°02′N 72°27′E

Add Depth 451 meters 15°00′N 72°26′E
(23(2010)97 Taunton)

705 (INT 705) 3Ed. 6/5/82 LAST NM 36/97 21/98
Delete R Bn (AERO) 26°15′N 50°10′E
(8(645)98 Taunton)

705 (INT 705) 3Ed. 6/5/82 LAST NM 21/98 21/99
Delete Light 25°12′N 63°30′E

Add Depth 29 meters Wk (unsurveyed) (K30) 26°20′N 53°11′E
(8(30)99 Karachi; 15(1372)99 Taunton)

705 (INT 705) 3Ed. 6/5/82 LAST NM 21/99 38/99
Delete R Bn at light 22°29′N 69°04′E
Note: Racon remains
(11(216)98 Dehra Dun)

705 (INT 705) 3Ed. 6/5/82 LAST NM 38/99 49/99
Delete R Bn at light 19°16′N 72°47′E
(35(3131)98 Taunton)

705 (INT 705) 3Ed. 6/5/82 LAST NM 49/99 3/00
Add Superbuoy ODAS [Q58] with Ra Ref 18°36′N 71°02′E
(15(306)98 Dehra Dun)

705 (INT 705) 3Ed. 6/5/82 LAST NM 3/00 4/00
Delete Depth 353 meters 14°50′N 51°21′E

Add Depth 285 meters 14°50′N 51°31′E
(35(3257)99 Taunton)

705 (INT 705) 3Ed. 6/5/82 LAST NM 4/00 16/00
Delete Racon at light 22°29′N 69°04′E
(See 38/99-705)
(24(505)98 Dehra Dun)

705 (INT 705) 3Ed. 6/5/82 LAST NM 16/00 20/00
Add Racon at light 22°36′N 69°57′E
Racon at light 20°54′N 71°32′E
(23(463, 464)99 Dehra Dun)

705 (INT 705) 3Ed. 6/5/82 LAST NM 20/00 22/00
Substitute Islet [K10] for light 25°14′N 54°12′E
(5(393)00 Taunton)

705 (INT 705) 3Ed. 6/5/82 LAST NM 22/00 3/01
Add Depth 645 meters 12°08′N 47°30′E
(22(1993)99 Taunton)

705 (INT 705) 3Ed. 6/5/82 LAST NM 3/01 4/01
Add Racon [S3.1] at light 21°36′N 72°21′E
(4(103)00 Dehra Dun)

705 (INT 705) 3Ed. 6/5/82 LAST NM 4/01 5/01
Add Racon [S3.1] at light 23°15′N 68°36′E
(20(421)99 Dehra Dun)

705 (INT 705) 3Ed. 6/5/82 LAST NM 5/01 7/01
Delete Depth 389 meters 11°44′N 55°08′E
Depth 600 meters 13°23′N 50°14′E

Add Depth 55 meters 12°32′N 54°41′E
Depth 200 meters 11°47′N 55°11′E
Depth 547 meters 12°09′N 47°06′E
Depth 523 meters 13°28′N 50°09′E
Depth 224 meters 14°32′N 49°49′E
(38(3493, 3494)99 Taunton)

705 (INT 705) 3Ed. 6/5/82 LAST NM 7/01 41/01
Delete R Bn at light 13°00′N 74°47′E
(17(378)98 Dehra Dun)

705 (INT 705) 3Ed. 6/5/82 LAST NM 41/01 12/02
Delete AERO R Bn at light 24°50′N 66°40′E
(BA RA)

705 (INT 705) 3Ed. 6/5/82 LAST NM 12/02 46/02
Delete Depth 155 meters "Rep (1981)", blue tint and
enclosing depth contour in vicinity 13°07′N 51°23′E
(15(11)02 Brest)

705 (INT 705) 3Ed. 6/5/82 LAST NM 46/02 52/02
Add Superbuoy ODAS [Q58] "DS1" Y, Fl 3s 15°33′N 69°10′E
(21(417)02 Dehra Dun)

★706 (INT 706) 4Ed. 4/19/86 NEW EDITION 29/86
Add Racon to light 10°16′N 79°52′E
(Previously published 20/86)

(continued on next page)

706 (Continued) 29/86
Delete R Bns (AERO) 3°33′N 98°48′E
4°00′N 101°02′E
13°00′N 80°10′E

Depth 29 meters 8°28′N 100°33′E

Add Depth 29 meters 3°28′N 100°33′E
(DMAHTC; BA CH 828, 4707)

706 (INT 706) 4Ed. 4/19/86 LAST NM 29/86 32/86
Add Depth 325 meters "Rep (1986)" 12°12′N 94°57′E
(11(308)86 Dehra Dun)

706 (INT 706) 4Ed. 4/19/86 LAST NM 32/86 34/86
Add Light symbol 10°30.8′N 92°30.2′E
(12(331)86 Dehra Dun)

706 (INT 706) 4Ed. 4/19/86 LAST NM 34/86 36/86
Add Danger circle "Unexploded ordnance" 11°11′N 92°41′E
(13(370)86 Dehra Dun)

706 (INT 706) 4Ed. 4/19/86 LAST NM 36/86 44/86
Add Depths
37 meters 4°22′N 99°55′E
38 meters 5°16′N 99°36′E
(37(2688)86 Taunton)

706 (INT 706) 4Ed. 4/19/86 LAST NM 44/86 49/86
Add Depth 33 meters (PA) 3°45′N 95°59′E
(41(2991)86 Taunton)

706 (INT 706) 4Ed. 4/19/86 LAST NM 49/86 3/87
Add Light symbol with legend "Chetwai" 10°33′N 76°01′E
(20(526)86 Dehra Dun)

706 (INT 706) 4Ed. 4/19/86 LAST NM 3/87 8/87
Add Depths
564 meters (PA) 6°35′N 96°05′E
615 meters (PA) 6°35′N 96°18′E
(MCNM7895/87)

706 (INT 706) 4Ed. 4/19/86 LAST NM 8/87 16/87
Add Light symbol 16°32′N 94°14′E
(Ind CH 31)

706 (INT 706) 4Ed. 4/19/86 LAST NM 16/87 21/87
Add Depth 50 meters "Rep (1986)" 7°38′N 72°44′E
(11(847)87 Taunton)

706 (INT 706) 4Ed. 4/19/86 LAST NM 21/87 27/87
Add R Bn (AERO) 5°24.5′N 103°04.0′E
(BA CH 3543)

706 (INT 706) 4Ed. 4/19/86 LAST NM 27/87 45/87
Delete R Bn (AERO) 5°28.0′N 100°24.0′E
(BA RA)

706 (INT 706) 4Ed. 4/19/86 LAST NM 45/87 48/87
Add Submarine cable joining 19°00.0′N 72°30.0′E
19°00.0′N 71°00.0′E
(16(392)87 Dehra Dun)

706 (INT 706) 4Ed. 4/19/86 LAST NM 48/87 28/88
Add Light symbol 20°15′N 86°40′E

Light symbol with legend
"Anjengo" 8°40′N 76°46′E
(8(215), 9(239)88 Dehra Dun)

706 (INT 706) 4Ed. 4/19/86 LAST NM 28/88 44/88
Substitute Depth 419 meters for 521 meters
and encircling dotted line 11°44′N 73°00′E
(MCNM8159/88)

706 (INT 706) 4Ed. 4/19/86 LAST NM 44/88 52/88
Add R Bn (AERO) 20°08′N 92°53′E
(41(3060)88 Taunton)

706 (INT 706) 4Ed. 4/19/86 LAST NM 52/88 10/89
Add R Bn 5°55′N 95°18′E
(47(373)88 Jakarta)

706 (INT 706) 4Ed. 4/19/86 LAST NM 10/89 11/89
Add Depth 480 meters 4°52′N 93°18′E
(MCNM1033/89)

706 (INT 706) 4Ed. 4/19/86 LAST NM 11/89 26/89
Substitute Depth 13 meters for 16 meters 10°51′N 73°48′E
(15(1172)89 Taunton)

706 (INT 706) 4Ed. 4/19/86 LAST NM 26/89 44/89
Add Depth 433 meters "Rep (1989)" (PA) 12°42.0′N 94°40.0′E
(MCNM1114/89)

706 (INT 706) 4Ed. 4/19/86 LAST NM 44/89 11/90
Add Light flare symbol 5°30.3′N 95°10.0′E
(1(1)90 Jakarta)

706 (INT 706) 4Ed. 4/19/86 LAST NM 11/90 34/90
Add Depth 380 meters 13°49′N 73°06′E
(10(207)90 Dehra Dun)

706 (INT 706) 4Ed. 4/19/86 LAST NM 34/90 4/91
Add Light symbol 3°44.0′N 96°36.0′E
(33(215)90 Jakarta)

706 (INT 706) 4Ed. 4/19/86 LAST NM 4/91 6/91
Add Depths
30 meters 7°15′N 103°04′E
86 meters "Rep (1990)" 8°32′N 97°27′E
(43(3092)90 Taunton; 36(49)90 Brest)

706 (INT 706) 4Ed. 4/19/86 LAST NM 6/91 49/92
Delete R Bn at light 20°19′N 86°44′E

Add R Bn at light 20°15′N 86°40′E
(9(190)92 Dehra Dun; BA RA)

706 (INT 706) 4Ed. 4/19/86 LAST NM 49/92 3/93
Add R Bn at light 10°46′N 79°51′E
(9(189)92 Dehra Dun)

706 (INT 706) 4Ed. 4/19/86 LAST NM 3/93 15/93
Add R Bn at light 19°15′N 84°54′E
(BA RA)

706 (INT 706) 4Ed. 4/19/86 LAST NM 15/93 16/93
Add R Bn at light 16°59′N 73°16′E
(23(434)92 Dehra Dun)

706 (INT 706) 4Ed. 4/19/86 LAST NM 16/93 16/94
Add R Bn at light 14°15′N 80°09′E
(7(122)93 Dehra Dun)

706 (INT 706) 4Ed. 4/19/86 LAST NM 16/94 45/94
Add Depth 494 meters "Rep" 15°02′N 72°27′E
(MCC1337/94)

706 (INT 706) 4Ed. 4/19/86 LAST NM 45/94 6/95
Add Depth
489 meters 13°21′N 72°01′E
120 meters 12°15′N 73°45′E
(48(4020)94 Taunton)

706 (INT 706) 4Ed. 4/19/86 LAST NM 6/95 47/95
Delete R Bn (AERO) 11°40′N 92°44′E
(BA RA)

706 (INT 706) 4Ed. 4/19/86 LAST NM 47/95 6/96
Delete Depth 120 meters 12°15′N 73°45′E
(See 6/95-706)
(48(3947)95 Taunton)

706 (INT 706) 4Ed. 4/19/86 LAST NM 6/96 15/96
Add Depth
110 meters 7°36′N 76°45′E
203 meters 7°39′N 76°34′E
733 meters 7°40′N 76°31′E
(BA CH 1566)

706 (INT 706) 4Ed. 4/19/86 LAST NM 15/96 26/96
Add R Bn (AERO) 12°40′N 101°00′E
(BA RA; BA CH 3965)

706 (INT 706) 4Ed. 4/19/86 LAST NM 26/96 7/97
Add Light symbol 2°06′N 96°37′E
(GIMM008/97)

706 (INT 706) 4Ed. 4/19/86 LAST NM 7/97 10/97
Delete Light symbol 8°31′N 81°19′E
(BA LL)

706 (INT 706) 4Ed. 4/19/86 LAST NM 10/97 36/97
Delete Depth 494 meters "Rep" 15°02′N 72°27′E

Add Depth 451 meters 15°00′N 72°26′E
(23(2010)97 Taunton)

706 (INT 706) 4Ed. 4/19/86 LAST NM 36/97 41/97
Add Depth 235 meters 9°24′N 74°39′E
(13(271)97 Dehra Dun)

706 (INT 706) 4Ed. 4/19/86 LAST NM 41/97 47/98
Add Superbuoy ODAS "DS3" Fl 2s 13°00′N 87°01′E
(20(403)97, 15(313)98 Dehra Dun)

706 (INT 706) 4Ed. 4/19/86 LAST NM 47/98 49/99
Delete R Bn at light 8°16′N 73°02′E
R Bn at light 11°55′N 79°50′E
R Bn at light 19°16′N 72°47′E
(31(2755, 2757), 35(3131)98 Taunton)

706 (INT 706) 4Ed. 4/19/86 LAST NM 49/99 52/99
Add Light symbol 8°28′N 93°37′E
(13(275)98 Dehra Dun; BA LL)

706 (INT 706) 4Ed. 4/19/86 LAST NM 52/99 20/00
Add Racon at light 20°54′N 71°32′E
(23(464)99 Dehra Dun)

706 (INT 706) 4Ed. 4/19/86 LAST NM 20/00 4/01
Add Racon [S3.1] at light 21°36′N 72°21′E
(4(103)00 Dehra Dun)

706 (INT 706) 4Ed. 4/19/86 LAST NM 4/01 8/01
Add Depth 185 meters enclosed by depth contour
(200-meter) 4°26′N 72°40′E
(11(1037)99 Taunton)

706 (INT 706) 4Ed. 4/19/86 LAST NM 8/01 41/01
Delete R Bn at light 13°00′N 74°47′E
R Bn at light 10°12′N 76°10′E
(17(378, 379)98 Dehra Dun)

706 (INT 706) 4Ed. 4/19/86 LAST NM 41/01 43/01
Add Racon [S3.1] at light 13°25′N 80°20′E
(21(443)99 Dehra Dun)

706 (INT 706) 4Ed. 4/19/86 LAST NM 43/01 44/01
Delete R Bn at light 21°39′N 88°03′E
(17(385)98 Dehra Dun)

706 (INT 706) 4Ed. 4/19/86 LAST NM 44/01 44/03
Add Depth 1737 meters enclosed by depth contour
(2000-meter) 7°58′N 74°35′E
(NTM0030/2003)

706 (INT 706) 4Ed. 4/19/86 LAST NM 44/03 14/06
Add Depth 364 meters 4°02′N 94°44′E
Depth 604 meters 3°57′N 94°42′E
Depth 578 meters 2°39′N 95°06′E
Depth 756 meters 2°27′N 95°22′E
Depth 280 meters 4°43′N 93°41′E
Depth 577 meters 4°27′N 94°28′E
Depth 393 meters 4°34′N 93°23′E
Depth 774 meters 3°55′N 93°45′E
(41(399)05 Jakarta)

★707 (INT 707) 2Ed. 11/11/95 NEW EDITION 10/96
(DMA)

707 (INT 707) 2Ed. 11/11/95 LAST NM 10/96 15/96
Add Depth
110 meters 7°36′N 76°45′E
203 meters 7°39′N 76°34′E
733 meters 7°40′N 76°31′E
(BA CH 1566)

707 (INT 707) 2Ed. 11/11/95 LAST NM 15/96 7/97
Add Light symbol 2°06′N 96°37′E
(GIMM008/97)

707 (INT 707) 2Ed. 11/11/95 LAST NM 7/97 10/97
Delete Light symbol 8°31′N 81°19′E
(BA LL)

707 (INT 707) 2Ed. 11/11/95 LAST NM 10/97 49/99
Delete R Bn at light 8°16′N 73°02′E
(31(2755)98 Taunton)

707 (INT 707) 2Ed. 11/11/95 LAST NM 49/99 52/99
Add Light symbol 8°28′N 93°37′E
(13(275)98 Dehra Dun; BA LL)

707 (INT 707) 2Ed. 11/11/95 LAST NM 52/99 8/01
Delete Depth 1097 meters 4°28′N 72°45′E

Add Depth 185 meters enclosed by depth contour
(200-meter) 4°26′N 72°40′E
(11(1037)99 Taunton)

707 (INT 707) 2Ed. 11/11/95 LAST NM 8/01 34/03
Delete Light 12°11′S 96°49′E
R Bn (AERO) 12°09′S 96°49′E
(14(398)00 Wollongong; BA RA)

707 (INT 707) 2Ed. 11/11/95 LAST NM 34/03 44/03
Add Depth 1737 meters enclosed by depth contour
(2000-meter) 7°58′N 74°35′E
(NTM0030/2003)

707 (INT 707) 2Ed. 11/11/95 LAST NM 44/03 14/06
Add Depth 554 meters 2°41′N 95°04′E
Depth 280 meters 4°43′N 93°41′E
Depth 577 meters 4°27′N 94°28′E
Depth 393 meters 4°34′N 93°23′E
Depth 774 meters 3°55′N 93°45′E
(41(399)05 Jakarta)

★708 (INT 708) 3Ed. 12/30/95 NEW EDITION 22/96
Delete Depth 900 meters 32°04′S 96°17′E
(Previously published 19/96)

Add Depth 686 meters 32°01′S 96°21′E
(Previously published 19/96)
(DMA)

708 (INT 708) 3Ed. 12/30/95 LAST NM 22/96 4/97
Add Submarine cable joining 16°28′S 117°30′E
16°05′S 116°57′E
15°46′S 113°53′E
15°20′S 112°41′E
14°45′S 112°10′E
14°16′S 111°28′E
13°06′S 110°16′E
12°01′S 108°47′E
11°20′S 108°18′E
10°46′S 107°59′E
10°25′S 107°05′E

(continued on next page)

708 (Continued) 4/97
9°48′S 105°57′E
9°47′S 105°45′E
9°34′S 105°40′E
9°25′S 105°25′E
9°10′S 104°56′E
8°58′S 104°46′E
8°05′S 104°43′E
7°49′S 104°34′E
7°35′S 104°31′E
6°55′S 104°28′E
6°27′S 105°00′E
6°17′S 105°18′E
(35(588)96 Wollongong)

708 (INT 708) 3Ed. 12/30/95 LAST NM 4/97 18/99
Delete Light symbol 32°57′S 115°40′E
(2(84)99 Wollongong)

708 (INT 708) 3Ed. 12/30/95 LAST NM 18/99 20/99
Add Danger circle "Obstn" 7°20′S 116°15′E
(26(2286)98 Taunton)

708 (INT 708) 3Ed. 12/30/95 LAST NM 20/99 34/03
Delete Light 12°12′S 96°50′E
RC (Aero) 12°09′S 96°49′E
(14(398)00 Wollongong; BA RA)

708 (INT 708) 3Ed. 12/30/95 LAST NM 34/03 36/03
Delete RC (Aero) 24°53′S 113°40′E
(BA RA)

★709 (INT 709) 2Ed. 2/10/96 NEW EDITION 16/96
Delete R Bn (AERO) 33°40′S 121°48′E
(DMA)

709 (INT 709) 2Ed. 2/10/96 LAST NM 16/96 15/97
Substitute Depth 14 meters for
dangerous submerged rock 40°24′S 144°05′E
(3(81)97 Wollongong)

709 (INT 709) 2Ed. 2/10/96 LAST NM 15/97 18/99
Delete Light symbol 32°57′S 115°40′E
(2(84)99 Wollongong)

709 (INT 709) 2Ed. 2/10/96 LAST NM 18/99 50/02
Add Light symbol [P1] 32°23′S 133°29′E
Light symbol [P1] 35°04′S 136°12′E
(16(504), 21(664)02 Wollongong)

709 (INT 709) 2Ed. 2/10/96 LAST NM 50/02 19/03
Delete R Bn (AERO) 34°57′S 138°33′E
R Bn (AERO) 39°52′S 143°53′E
(BA RA)

709 (INT 709) 2Ed. 2/10/96 LAST NM 19/03 25/03
Add Light symbol [P1] 37°54′S 140°23′E
(6(204)03 Wollongong)

709 (INT 709) 2Ed. 2/10/96 LAST NM 25/03 13/07
Add Depth 91 meters, blue tint and enclosed by
dotted-line circle 35°26′S 134°40′E
(NTM0014/2006)

709 (INT 709) 2Ed. 2/10/96 LAST NM 13/07 24/07
Delete Depth 60 meters R 41°22′S 144°21′E
Depth 120 meters R 41°49′S 144°24′E
Depth 68 meters 42°41′S 144°51′E
(NTM0011/2007)

709 (INT 709) 2Ed. 2/10/96 LAST NM 24/07 35/07
Add Depth 18 meters "Rep (1966)", blue tint and
enclosing depth contour (30-meter) centered
34°47′S 121°56′E
(NTM0011/2007)

★800 4Ed. 8/3/96 NEW EDITION 37/96
(DMA)

800 4Ed. 8/3/96 LAST NM 37/96 50/96
Add Wreck (PA) 56°49′N 162°36′W
(45/96 CG17)

800 4Ed. 8/3/96 LAST NM 50/96 4/01
Delete Depth 2.7 meters "(rep 1851)" (ED) 64°15′N 178°00′W
(NTM0055/2000)

800 4Ed. 8/3/96 LAST NM 4/01 7/01
Delete R Bn 66°01′N 169°43′W
R Bn 65°28′N 171°04′W
(43(7170, 7171)00 St. Petersburg)

800 4Ed. 8/3/96 LAST NM 7/01 40/01
Add Wreck [K29] 58°56′N 175°53′W
(32/01 CG17)

800 4Ed. 8/3/96 LAST NM 40/01 17/02
Delete R Bn 57°11′N 170°22′W
(NOS)

800 4Ed. 8/3/96 LAST NM 17/02 15/04
Delete R Bn 64°24′N 172°15′W
R Bn 64°20′N 173°34′W
(34(5550, 5551)03 St. Petersburg)

800 4Ed. 8/3/96 LAST NM 15/04 20/04
Delete R Bn 54°44′N 162°07′E
(36(5870)03 St. Petersburg)

800 4Ed. 8/3/96 LAST NM 20/04 28/05
Add Superbuoy ODAS [Q58] "46073" Y,
Fl(4) Y 20s 54°57′N 172°02′W
(NOS)

★803 1Ed. 6/12/67 NEW CHART 41/67
(USNOO)

803 1Ed. 6/12/67 LAST NM 41/67 48/67
Add R Bn 64°24′N 172°20′W
65°04′N 172°10′W
65°32′N 171°04′W
66°02′N 169°49′W
66°09′N 169°50′W
(RS07549/67)

★803 1Ed. 6/12/67 LAST NM 48/67 8/68
Add Depth 78 fathoms "Rep (1968)" 61°48′N 50°43′W
(RS09851/68)

803 1Ed. 6/12/67 LAST NM 8/68 20/68
Add R Bn 69°17′N 53°30′W
(12(467)68 Kobenhavn)

★803 1Ed. 6/12/67 LAST NM 20/68 8/69
Add Depth 4 fathoms "Rep 1969" (PA) 70°57′N 150°32′W
(C & GS CL-102/69)

★803 1Ed. 6/12/67 LAST NM 8/69 18/69
Add Depth 15 fathoms 53°19′N 135°40′W
(RS7562/69)

803 1Ed. 6/12/67 LAST NM 18/69 27/70
Add Depth
13 fathoms 70°39′N 132°29′W
27 fathoms 74°30′N 101°19′W
(RS6617/70)

803 1Ed. 6/12/67 LAST NM N27/70 N38/71
Add Depth 120 fathoms 52°40′N 172°20′W
(RS9546/71)

803 1Ed. 6/12/67 LAST NM N38/71 N1/72
Add Depth 275 fathoms 61°23′N 50°21′W
(RS4190/71)

★**803** 1Ed. 6/12/67 LAST NM 1/72 2/72
Delete R Bn (AERO) 70°10′N 146°51′W
(NOS CL-1810/71)

803 1Ed. 6/12/67 LAST NM 2/72 27/73
Add Depth 8 fathoms 62°27′N 50°55′W
(BA CH 247)

★**803** 1Ed. 6/12/67 LAST NM 27/73 32/74
Add Danger circle "Pinnacle Rep (1974)" 57°40′N 173°20′W
(NOS CL589/74)

803 1Ed. 6/12/67 LAST NM 32/74 21/75
Delete R Bn 66°00′N 53°30′W
(13(526)75 Kobenhavn)

803 1Ed. 6/12/67 LAST NM 21/75 33/75
Delete Aero R Bn 70°31′N 68°19′W
(27/75 CG1)

803 1Ed. 6/12/67 LAST NM 33/75 7/77
Add Depth 18 fathoms 76°41.0′N 70°14.7′W
(RS1036/77)

803 1Ed. 6/12/67 LAST NM 7/77 12/79
Add Depth 288 fathoms 54°07.0′N 149°21.2′W
(NVS3930/79)

803 1Ed. 6/12/67 LAST NM 12/79 32/80
Add Dangerous wreck (PA) 56°35′N 159°57′W
(27/80 CG17)

803 1Ed. 6/12/67 LAST NM 32/80 35/80
Add Depth 12 fathoms (PA) 63°43′N 172°45′W
(27(1477)80 Taunton)

803 1Ed. 6/12/67 LAST NM 35/80 8/81
Delete R Bn 66°09′N 169°50′W

Add R Bn 65°49′N 169°05′W
(1(29)81 Taunton)

803 1Ed. 6/12/67 LAST NM 8/81 47/83
Add Depths
85 fathoms "Rep (1982)" (PA) 75°11′N 59°29′W
63 fathoms "Rep (1982)" (PA) 75°21′N 60°10′W
70 fathoms "Rep (1982)" (PA) 75°54′N 62°04′W
175 fathoms "Rep (1982)" (PA) 75°27′N 67°54′W
55 fathoms "Rep (1982)" (PA) 62°06′N 50°21′W
175 fathoms "Rep (1982)" (PA) 74°46′N 59°19′W
45 fathoms "Rep (1982)" (PA) 77°37′N 72°19′W
23 fathoms "Rep (1982)" (PA) 77°44′N 71°56′W
30 fathoms "Rep (1982)" (PA) 64°19′N 53°32′W
(NVS7095/83)

803 1Ed. 6/12/67 LAST NM 47/83 26/84
Add Depths
94 fathoms "Rep (1976)" (PA) 57°44′N 149°58′W
121 fathoms "Rep (1976)" (PA) 52°09′N 131°34′W
(NVS7272/84)

803 1Ed. 6/12/67 LAST NM 26/84 38/84
Add Depth 87 fathoms "Rep (1981)" 72°33′N 59°09′W
(NVS7295/84)

803 1Ed. 6/12/67 LAST NM 38/84 41/84
Delete R Bn (Aero) 58°30′N 62°45′W
63°20′N 64°10′W

Add Depths
166 fathoms 61°05′N 63°50′W
54 fathoms 76°14′N 79°15′W
(Can CH 4000)

803 1Ed. 6/12/67 LAST NM 41/84 42/84
Delete R Bns 53°31′N 55°45′W
54°28′N 56°56′W
55°13′N 59°08′W
(27(601, 608, 614)84 Ottawa)

803 1Ed. 6/12/67 LAST NM 42/84 17/85
Delete R Bn (AERO) 59°28′N 146°18′W
(13/85 CG17)

803 1Ed. 6/12/67 LAST NM 17/85 36/85
Delete R Bn (AERO) 76°32′N 68°45′W
(29(1866)85 Taunton)

★**803** 1Ed. 6/12/67 LAST NM 36/85 37/85
Add Depths
159 fathoms 75°05′N 66°11′W
76 fathoms 75°32′N 65°40′W
(HNNM7551/85)

803 1Ed. 6/12/67 LAST NM 37/85 10/87
Delete Islet 78°39′N 71°00′W
(50(1275)86 Ottawa)

803 1Ed. 6/12/67 LAST NM 10/87 49/88
Delete Depth 10 fathoms and
enclosing danger circle 74°52′N 100°38′W
(39(742)88 Ottawa)

803 1Ed. 6/12/67 LAST NM 49/88 32/89
Substitute Depth 8 fathoms for 15 fathoms 53°19′N 135°40′W
(MCNM1082/89)

803 1Ed. 6/12/67 LAST NM 32/89 11/91
Add Submarine cable joining 59°50′N 149°28′W
59°28′N 149°12′W
59°00′N 148°47′W
58°55′N 148°38′W
58°53′N 148°33′W
58°52′N 148°31′W
58°41′N 148°11′W
58°39′N 148°05′W
(7/91 CG17)

803 1Ed. 6/12/67 LAST NM 11/91 47/91
Substitute Depth 365 fathoms for 462 fathoms 50°55′N 143°20′W
(MCNM1142/91)

803 1Ed. 6/12/67 LAST NM 47/91 33/92
Delete R Bn (AER0) 68°26.0′N 66°45.0′W
(27(489)92 Ottawa)

803 1Ed. 6/12/67 LAST NM 33/92 21/94
Substitute Purple international maritime boundary
line for dashed line and legend
"UNITED...(1867)" joining 70°52′N 168°59′W
65°30′N 168°59′W
64°18′N 171°38′W
63°25′N 173°30′W

Add Purple international maritime boundary
line between 74°02′N 168°59′W
70°52′N 168°59′W

Legend
"RUSSIA" 69°25′N 169°12′W
"UNITED STATES (see note)" 69°25′N 168°32′W

Note
"NOTE
Maritime boundary provisionally applied
pending formal exchange of instruments
of ratification." 66°00′N 157°00′W
(MCC1339/94)

803 1Ed. 6/12/67 LAST NM 21/94 30/94
Delete R Bn 51°38′N 55°33′W
(11(389)94 Ottawa)

803 1Ed. 6/12/67 LAST NM 30/94 32/95
Delete R Bn 55°59′N 134°10′W
58°15′N 136°37′W
(25/95 CG17)

803 1Ed. 6/12/67 LAST NM 32/95 50/96
Add Wreck (PA) 56°49′N 162°36′W
(45/96 CG17)

803 1Ed. 6/12/67 LAST NM 50/96 25/97
Delete R Bn 50°26′N 128°10′W
(5(329)97 Ottawa)

803 1Ed. 6/12/67 LAST NM 25/97 51/97
Delete R Bn 54°15′N 133°03′W
(10(W521)97 Ottawa)

803 1Ed. 6/12/67 LAST NM 51/97 29/98
Delete R Bn (AERO) 70°55′N 153°05′W
70°28′N 149°54′W

Add R Bn (AERO) 71°17′N 156°48′W
(NOS)

803 1Ed. 6/12/67 LAST NM 29/98 42/98
Delete R Bn 60°18′N 146°39′W
(37/98 CG17)

803 1Ed. 6/12/67 LAST NM 42/98 7/01
Delete R Bns (2) in vicinity 66°01′N 169°43′W
R Bn 65°28′N 171°04′W
(43(7170, 7171)00 St. Petersburg)

803 1Ed. 6/12/67 LAST NM 7/01 13/01
Delete R Bn 65°04′N 172°06′W
(44(7355)00 St. Petersburg)

803 1Ed. 6/12/67 LAST NM 13/01 8/02
Delete R Bn 50°47′N 128°26′W
(Can LL)

803 1Ed. 6/12/67 LAST NM 8/02 17/02
Delete R Bn 57°09′N 170°14′W
(NOS)

803 1Ed. 6/12/67 LAST NM 17/02 15/04
Delete R Bn 64°24′N 172°15′W
(34(5550)03 St. Petersburg)

803 1Ed. 6/12/67 LAST NM 15/04 28/05
Add Superbuoy ODAS [Q58] "46073" Y, Fl(4) Y 20s 54°57′N 172°02′W
(NOS)

803 1Ed. 6/12/67 LAST NM 28/05 10/06
Add Danger circle [K1] "Subm buoy (cov 10 fathoms 5 feet)" 50°02′N 144°56′W
(NTM0010/2006)

803 1Ed. 6/12/67 LAST NM 10/06 51/06
Delete R Bn 62°32′N 70°30′W
(3(4000)06 Ottawa)

803 1Ed. 6/12/67 LAST NM 51/06 34/07
Delete R Bn 60°42′N 64°38′W
(2(4700)07 Ottawa)

★803 1Ed. 6/12/67 LAST NM 34/07 40/07
Add Depth 506 fathoms "Healy Seamount" 78°37′N 158°21′W
(36/07 CG17)

803 1Ed. 6/12/67 LAST NM 40/07 3/08
Delete Depth 8 fathoms 53°19′N 135°40′W

Add Depth 13 fathoms 53°18′N 135°39′W
(NOS)

★804 5Ed. 4/13/96 NEW EDITION 26/96
(DMA)

804 5Ed. 4/13/96 LAST NM 26/96 40/05
Delete Depth 34 fathoms 69°34′N 41°02′E
(NTM0033/2005)

★805 Ed. 3/5/82 NEW EDITION N37/82
(DMAHTC)

805 Ed. 3/5/82 LAST NM N37/82 N3/83
Add Note in lower left margin of chart
"WARNING
Mariners may find port hand buoys painted black or green and fairway buoys painted black and white or red and white. In both cases, either presentation is to be interpreted as having the same navigational significance."
(50(1088)82 Ottawa)

805 Ed. 3/5/82 LAST NM N3/83 N47/83
Add Depths
320 meters "Rep (1982)" (PA) 75°27′N 67°54′W
320 meters "Rep (1982)" (PA) 74°46′N 59°19′W
(NVS7095/83)

805 Ed. 3/5/82 LAST NM N47/83 N38/84
Add Depth 159 meters "Rep (1981)" 72°33′N 59°09′W
(NVS7295/84)

805 Ed. 3/5/82 LAST NM N38/84 N42/84
Delete R Bns 53°31.2′N 55°45.1′W
54°28.3′N 56°56.4′W
55°13.4′N 59°08.8′W
(27(601, 608, 614)84 Ottawa)

805 Ed. 3/5/82 LAST NM N42/84 N4/85
Add Depths
16 fathoms 5 feet "Rep (1984)"
73°47′21.0″N 58°37′27.6″W
14 fathoms "Rep (1984)" 74°01′24.0″N 58°42′12.0″W
(36(859)84 Ottawa)

805 Ed. 3/5/82 LAST NM N4/85 N17/85
Substitute Depth 10 meters for 13 meters 51°41′40″N 54°58′16″W
(9(276)85 Ottawa)

805 Ed. 3/5/82 LAST NM N17/85 N41/85
Add Note
"CAUTION
Extensive hydrocarbon exploration is underway on the waters off the east coast of Canada. Mariners are cautioned that drilling platforms, supply vessels or seismic survey vessels may be encountered underway or at anchor. Information regarding the latest positions of these vessels may be obtained upon request from ECAREG CANADA." 62°00′N 104°00′W
(34(818)85 Ottawa)

805 Ed. 3/5/82 LAST NM N41/85 N51/85
Delete Note "MAGNETIC...Arctic." 56°15′00″N 70°30′00″W
(46(1095)85 Ottawa)

805 Ed. 3/5/82 LAST NM N51/85 N27/86
Delete R Bn at lights 61°18′33″N 64°53′17″W
61°32′00″N 70°33′35″W
62°36′28″N 73°56′12″W
63°05′10″N 77°57′00″W
62°25′00″N 79°36′30″W
61°35′00″N 79°48′30″W
62°10′20″N 83°08′00″W
(22(529-535)86 Ottawa)

805 Ed. 3/5/82 LAST NM N27/86 N16/87
Delete Submerged rock 59°31′N 63°15′W
(41(1026)87 Ottawa)

805 Ed. 3/5/82 LAST NM N16/87 N30/87
Delete R Bn at lights 52°00.8′N 55°16.9′W
50°00.0′N 55°21.5′W
(23(385, 387)87 Ottawa)

805 Ed. 3/5/82 LAST NM N30/87 N33/92
Delete R Bn (AER0) 68°26.0′N 66°45.0′W
(27(489)92 Ottawa)

805 Ed. 3/5/82 LAST NM N33/92 N10/95
Delete Purple circle in vicinity 59°58′N 45°06′W
(2(156)95 Kobenhavn)

805 Ed. 3/5/82 LAST NM N10/95 N29/98
Delete R Bn (AERO) 70°55′N 153°05′W
70°30′N 149°55′W
(NOS)

805 Ed. 3/5/82 LAST NM N29/98 N51/06
Delete Light and R Bn 62°32′N 70°34′W
(3(4000)06 Ottawa)

805 Ed. 3/5/82 LAST NM N51/06 N34/07
Delete Light symbol and R Bn 60°42′N 64°38′W
(2(4700)07 Ottawa)

805 Ed. 3/5/82 LAST NM N34/07 N36/07
Delete Light symbol 61°18′N 64°52′W
(12(5002)06 Ottawa)

805 Ed. 3/5/82 LAST NM N36/07 N40/07
Add Depth 925 meters "Healy Seamount" 78°37′N 158°21′W
(36/07 CG17)

★1113A Ed. 7/05 NEW EDITION 39/05
(NOS)

1113A Ed. 7/05 LAST NM 39/05 42/05
Substitute Stranded wreck [K24] (PA) for wreck 26°20.7′N 81°54.2′W
(NOS)

1113A Ed. 7/05 LAST NM 42/05 44/05
Add Light "P" Fl Y 4s 16ft 8M (Priv) 27°35.7′N 82°51.5′W
(31/05 CG7)

1113A Ed. 7/05 LAST NM 44/05 3/06
Add Danger circle [K46.1] "Obstn (Fish Haven)"
26°48.4′N 82°22.7′W
(NOS)

1113A Ed. 7/05 LAST NM 3/06 27/06
Relocate Buoy "1" from 27°32.5′N 82°47.9′W to
27°32.3′N 82°48.6′W
(16/06 CG7)

1113A Ed. 7/05 LAST NM 27/06 28/06
Delete "RESTRICTED AREA" bound by shore and
purple composite line joining 23°05.6′N 81°28.5′W
23°08.3′N 81°30.0′W
23°15.0′N 81°20.5′W
23°18.5′N 81°11.0′W
23°14.5′N 81°07.3′W
23°11.9′N 81°07.3′W

Add "Area to be avoided" (conservation area)
[M29.2] bound by shore and purple composite
line joining 23°05.6′N 81°28.5′W
23°10.6′N 81°28.5′W
23°19.5′N 81°11.5′W
23°14.6′N 81°07.2′W
23°11.5′N 81°07.2′W
(NOS)

1113A Ed. 7/05 LAST NM 28/06 33/06
Delete Depth 4 1/4 fathoms 26°22.6′N 82°01.5′W

Add Obstruction "(Fish haven) (auth min 2 1/4fms)"
[K46.2] 26°23.0′N 82°01.2′W
(NOS)

1113A Ed. 7/05 LAST NM 33/06 42/06
Delete Light 25°58.5′N 81°44.1′W
(31/06 CG7)

1113A Ed. 7/05 LAST NM 42/06 47/06
Change Light to Q 16ft 5M 25°58.3′N 81°46.3′W
(32/06 CG7)

1113A Ed. 7/05 LAST NM 47/06 17/07
Add Dangerous wreck [K28] 26°58.9′N 82°25.8′W
(13/07 CG7)

1113A Ed. 7/05 LAST NM 17/07 24/07
Add Submarine cable [L30.1] joining 24°31.8′N 80°26.0′W
24°30.6′N 80°27.4′W
24°25.5′N 80°31.0′W
24°20.4′N 80°33.0′W
24°02.6′N 80°57.2′W
24°00.8′N 81°00.0′W
23°59.3′N 81°02.7′W
(NTM0002/2002)

1113A Ed. 7/05 LAST NM 24/07 35/07
Add Superbuoy ODAS "42080" Y, Fl(4) Y 20s
24°23.3′N 81°56.9′W
(32/07 CG7)

★1114A Ed. 1/06 NEW EDITION 11/06
Add Dangerous wreck [K28] 27°40.2′N 82°57.7′W
(Previously published 8/06)
(NOS)

1114A Ed. 1/06 LAST NM 11/06 27/06
Relocate Buoy "1" from 27°32.5′N 82°47.9′W to
27°32.3′N 82°48.6′W
(16/06 CG7)

1114A Ed. 1/06 LAST NM 27/06 28/06
Add Depth 5 3/4 fathoms Wk [K26] 29°12.0′N 83°52.0′W
(17/06 CG7)

1114A Ed. 1/06 LAST NM 28/06 39/06
Delete Buoy "30" 29°28.5′N 85°29.8′W
(36/06 CG8)

1114A Ed. 1/06 LAST NM 39/06 32/07
Add Dangerous wreck [K28] (PA) 29°46.1′N 83°58.2′W
(26/07 CG8)

★1115A Ed. 2/07 NEW EDITION 13/07
(NOS)

1115A Ed. 2/07 LAST NM 13/07 29/07
Add Platform [L10] 29°59.6′N 88°00.2′W
(25/07 CG8)

1115A Ed. 2/07 LAST NM 29/07 31/07
Add Platform [L10] 30°00.8′N 87°58.7′W
(27/07 CG8)

1115A Ed. 2/07 LAST NM 31/07 46/07
Add Wreck [K29] (PA) 30°15.8′N 86°20.1′W
Depth 9 3/4 fathoms Obstn [K41] 30°05.1′N 87°58.3′W
(NOS; 32/07 CG8)

1115A Ed. 2/07 LAST NM 46/07 50/07
Delete Light 30°02.8′N 88°52.7′W
(44/07 CG8)

★1116A Ed. 7/07 NEW EDITION 36/07
Relocate Superbuoy ODAS "42035" from
29°14.8′N 94°24.5′W to 29°13.9′N 94°24.8′W
(Previously published 31/07)

Add Platform [L10] 28°07.7′N 94°11.0′W
Platform [L10] 28°42.4′N 93°04.0′W
Platform [L10] 28°46.2′N 92°04.2′W
Submerged well (cov 33fms) [L20] 28°22.6′N 90°16.0′W
(Previously published 31/07)
(NOS)

1116A Ed. 7/07 LAST NM 36/07 40/07
Add Submarine pipeline [L40.1] between 28°29.1′N 92°44.5′W
28°28.1′N 92°44.7′W
(NOS)

1116A Ed. 7/07 LAST NM 40/07 41/07
Substitute Buoy Y (Priv) for platform 28°12.9′N 93°48.0′W
Note: Fish haven (auth min 14fms) remains

Add Platform [L10] 28°07.8′N 92°46.8′W
(37/07 CG8)

1116A Ed. 7/07 LAST NM 41/07 46/07
Add Dashed-line circle "Obstn" (PA) 28°04.2′N 93°10.0′W
(32/07 CG8)

1116A Ed. 7/07 LAST NM 46/07 50/07
Add Dashed-line circle "Obstn" (PA) 28°39.2′N 92°46.4′W

Dashed-line circle "Obstn" (PA) 28°35.7′N 92°47.7′W
Note: Platform remains

Dashed-line circle "Obstn" (PA) 28°36.0′N 92°46.6′W
Note: Platform remains

Dashed-line circle "Obstn" (PA) 28°25.8′N 91°28.7′W
Note: Platform remains
(43, 44/07 CG8)

1116A Ed. 7/07 LAST NM 50/07 52/07
Add Dashed-line circle "Obstns Rep (2007)" (PA)
28°14.3′N 92°00.4′W
(49/07 CG8)

1116A Ed. 7/07 LAST NM 52/07 1/08
Add Wreck [K29] (PA) 28°11.0′N 92°41.2′W
(48/07 CG8)

★1117A Ed. 9/06 NEW EDITION 1/07
Add Submerged well (cov 27fms) [L20] 27°58.3′N 95°55.3′W
Note: Platform close N remains
(Previously published 41/06)

Add Platform [L10] 28°43.3′N 94°54.3′W
(Previously published 48/06)

Delete Platform 27°25.9′N 96°31.5′W
Note: Fish haven and buoy remain
(Previously published 49/06)

Add Submerged well (cov 24fms) [L20] marked by
buoy W Or, Fl 2.5s (Priv) 27°42.6′N 96°34.5′W
(Previously published 49/06)

Delete Platform 28°18.7′N 94°01.2′W
Note: Fish haven and buoy remain
(Previously published 51/06)

Add Danger circle "Obstn" [K40] (PA) 29°10.9′N 94°20.6′W
(Previously published 52/06)

Substitute Dashed-line circle "Fish haven (cov 13fms)"
[K46.2] marked by buoy Y (Priv) for platform
27°42.7′N 96°11.0′W
(NOS; 43/06 CG8)

1117A Ed. 9/06 LAST NM 1/07 2/07
Add Danger circle "Fish haven (cov 8fms)" [K46.2]
marked by buoy Y, Fl Y 2.5s (Priv) 26°11.2′N 96°51.3′W
(49/06 CG8)

1117A Ed. 9/06 LAST NM 2/07 6/07
Add Platform [L10] with Racon (–•••) [S3.1]
28°31.2′N 94°50.3′W
(50/06 CG8)

1117A Ed. 9/06 LAST NM 6/07 10/07
Delete WHIS from buoy "GB" 29°14.7′N 94°32.7′W
(NOS)

1117A Ed. 9/06 LAST NM 10/07 29/07
Substitute Platform [L10] for submerged well (cov 27fms)
27°58.3′N 95°55.3′W
Note: Platform close N remains
(See 1/07-1117A)

Add Submerged well (cov 29fms) [L20] marked by
buoy W Or, Fl 2.5s (Priv) 28°19.4′N 94°03.2′W
(25/07 CG8)

1117A Ed. 9/06 LAST NM 29/07 31/07
Relocate Superbuoy ODAS "42035" from
29°14.7′N 94°24.4′W to 29°13.9′N 94°24.8′W

Add Obstruction "(Fish haven) (cov 8fms)" [K46.2]
marked by buoy Y, Fl Y 2.5s (Priv) 26°31.5′N 97°09.2′W

Dashed-line circle [Ke] with legend "Natural
gas leak rep (2007)" 28°35.0′N 95°12.0′W

Platform [L10] 28°07.7′N 94°11.0′W
(27, 28/07 CG8)

1117A Ed. 9/06 LAST NM 31/07 52/07
Add Dangerous wreck [K28] (PA) 26°11.4′N 96°51.7′W
(49/07 CG8)

★5161 13Ed. 10/03 NEW EDITION 48/03
(NOS)

5161 13Ed. 10/03 LAST NM 48/03 27/06
Relocate Superbuoy ODAS "44017" from
40°42.0′N 72°00.0′W to 40°41.3′N 72°02.5′W
(3/06 CG1)

★E0215 1Ed. 8/11/79 NEW CHART N43/79
Add Island 67°08.8′N 18°42.0′W
(DMAHTC; NVS5050/79)

E0215 1Ed. 8/11/79 LAST NM N43/79 N2/82
Add Depth 51 fathoms 67°06.1′N 15°15.5′W
(Ice CH 20)

E0215 1Ed. 8/11/79 LAST NM N2/82 N8/93
Delete R Bn at light 64°44.2′N 23°48.0′W
(12(34)92 Reykjavik)

E0215 1Ed. 8/11/79 LAST NM N8/93 N46/94
Delete R Bn 65°54′N 23°55′W
(BA RA)

E0215 1Ed. 8/11/79 LAST NM N46/94 N5/95
Delete R Bn at light 66°24.2′N 22°24.0′W
(12(42)94 Reykjavik)

E0215 1Ed. 8/11/79 LAST NM N5/95 N17/97
Substitute Depth 8 fathoms for 18 fathoms 66°49′N 18°10′W
(51(4187)96 Taunton)

E0215 1Ed. 8/11/79 LAST NM N17/97 N19/98
Delete R Bn 65°30.0′N 24°31.0′W
(12(34)97 Reykjavik)

★E0315 1Ed. 1/27/79 NEW CHART N13/79
(DMAHTC)

★E0415 2Ed. 4/27/85 NEW EDITION N39/85
Add Legend to lights
"Oc WRG 15-11M" 69°14.1′N 53°32.1′E
"Fl(2) 9M" 68°37.3′N 53°30.6′E
(DMAHTC)

E0415 2Ed. 4/27/85 LAST NM N39/85 N49/85
Delete R Bn (AERO) 69°13′N 51°06′W
(BA RA)

E0415 2Ed. 4/27/85 LAST NM N49/85 N26/90
Delete Light legends
"Oc WRG 15-11M" 69°14.1′N 53°32.1′W
"Fl(2) 9M" 68°37.7′N 53°30.6′W
Note: Light symbols remain
(DMAHTC)

★E0416 1Ed. 6/12/82 NEW CHART N32/82
(DMAHTC)

E0416 1Ed. 6/12/82 LAST NM N32/82 N38/84
Add Depth 87 fathoms "Rep (1981)" 72°32.5′N 59°09.0′W
(NVS7295/84)

★E0513 1Ed. 8/14/82 NEW CHART N37/82
(DMAHTC)

E0513 1Ed. 8/14/82 LAST NM N37/82 N14/85
Relocate R Bn (AERO) close SW to 60°41′09″N 46°36′31″W
(49(1821)84 Kobenhavn)

★E0513 1Ed. 8/14/82 LAST NM N14/85 N37/85
Add Depths
84 fathoms (PA) 59°58.0′N 46°31.0′W
79 fathoms (PA) 59°50.2′N 46°16.7′W
(HNNM7551/85)

E0513 1Ed. 8/14/82 LAST NM N37/85 N10/95
Delete R Bn 59°59′N 45°11′W
(2(156)95 Kobenhavn)

★E0514 1Ed. 7/17/82 NEW CHART N37/82
(DMAHTC)

E0514 1Ed. 7/17/82 LAST NM N37/82 N28/89
Add Depths
109 fathoms 62°35.4′N 41°31.2′W
80 fathoms 62°43.0′N 41°26.0′W
111 fathoms 63°17.6′N 40°40.0′W
121 fathoms 63°27.9′N 40°21.8′W
136 fathoms 63°35.2′N 40°13.3′W
(20(708)89 Kobenhavn)

★E0515 2Ed. 3/9/85 NEW EDITION N21/85
(DMAHTC)

★E0517 1Ed. 9/1/79 NEW CHART N44/79
(DMAHTC)

E0517 1Ed. 9/1/79 LAST NM N44/79 N48/83
Add Depths
63 fathoms "Rep (1982)" (PA) 75°21.3′N 60°09.7′W
70 fathoms "Rep (1982)" (PA) 75°54.0′N 62°04.0′W
175 fathoms "Rep (1982)" (PA) 75°27.0′N 67°54.0′W
175 fathoms "Rep (1982)" (PA) 74°46.0′N 59°19.0′W
(NVS7095/83)

E0517 1Ed. 9/1/79 LAST NM N48/83 N36/85
Delete R Bn (AERO) 76°32′N 68°46′W
(28(1866)85 Taunton)

★E0517 1Ed. 9/1/79 LAST NM N36/85 N37/85
Add Depths
159 fathoms (PA) 75°04.6′N 66°10.7′W
76 fathoms (PA) 75°32.1′N 65°39.9′W
(HNNM7551/85)

★E0518 1Ed. 1/19/85 NEW CHART N17/85
(DMAHTC)

★E0614 2Ed. 10/12/85 NEW EDITION N52/85
(DMAHTC)

★E0704 1Ed. 2/13/82 NEW CHART N16/82
Delete Depths
82 fathoms 18°11.7′N 63°55.3′W
5 fathoms "Rep (1964)" 18°15.0′N 67°34.5′W
10 fathoms "Rep (1975) (PA)" 18°24.5′N 67°40.0′W
125 fathoms "Rep (1973)" 18°15.0′N 67°40.0′W
192 fathoms "Rep (1973)" 18°08.8′N 67°41.0′W
171 fathoms "Rep (1973)" 18°19.0′N 67°43.5′W
123 fathoms "Rep (1969)" 18°23.0′N 67°45.7′W
15 fathoms "Rep (1971)" 18°20.0′N 67°48.0′W
40 fathoms "Rep (1957)" 18°51.5′N 68°24.3′W
80 fathoms "Rep (1950)" 18°53.5′N 68°26.4′W

Add Depths
13 fathoms 17°04.0′N 62°23.0′W
22 fathoms 17°42.7′N 63°29.2′W
150 fathoms 18°21.9′N 63°43.6′W
(DMAHTC; NVS6624/82)

E0704 1Ed. 2/13/82 LAST NM N16/82 N36/83
Delete Depths
55 fathoms 18°36.0′N 67°11.3′W
45 fathoms 18°35.7′N 67°09.1′W
90 fathoms 17°55.0′N 67°28.0′W

Substitute Depth 11 fathoms for 13 fathoms 18°13.5′N 67°25.2′W
(NVS7006/83)

E0704 1Ed. 2/13/82 LAST NM N36/83 N49/83
Add Light Gp Fl 17M 17°29.0′N 62°59.2′W
(37(2125)83 's-Gravenhage)

E0704 1Ed. 2/13/82 LAST NM N49/83 N18/86
Delete Depth 9 fathoms 17°23.0′N 63°45.5′W

Add Depth 9 fathoms 17°23.1′N 63°43.5′W
Depth 2 fathoms 1 foot enclosed by danger circle (ED) 17°35.0′N 63°35.0′W
(NVS6056/80; MCNM7747/86)

E0704 1Ed. 2/13/82 LAST NM N18/86 N44/86
Delete R Bn (AERO) 18°20.0′N 64°58.4′W
(FLIP)

E0704 1Ed. 2/13/82 LAST NM N44/86 N48/86
Add Depths
8 fathoms 2 feet 17°25.5′N 63°15.0′W
9 fathoms 3 feet 17°21.7′N 63°19.5′W
8 fathoms 1 foot 17°20.5′N 63°18.1′W
(7(120, 121)86 's-Gravenhage)

E0704 1Ed. 2/13/82 LAST NM N48/86 N10/87
Delete R Bn 18°28.0′N 66°07.0′W

Change Light to Fl(3) 40s 181ft 24M 18°28.1′N 66°07.1′W
(37/85 CG7; USCG LL)

E0704 1Ed. 2/13/82 LAST NM N10/87 N42/87
Add Legends
"Rep (1957)" (PA) to
depth 4 fathoms 3 feet 17°28.7′N 63°15.3′W
"Rep (1957)" to
depth 8 fathoms 17°28.5′N 63°19.8′W
"Rep (1954)" to
depth 4 fathoms 17°31.5′N 63°21.0′W
(MCNM7979/87)

E0704 1Ed. 2/13/82 LAST NM N42/87 N9/88
Add Buoy (mooring) IQ 17°52.1′N 64°43.1′W
(MCNM8060/88)

E0704 1Ed. 2/13/82 LAST NM N9/88 N11/89
Add Depth 14 fathoms "Rep (1987)" 20°14.9′N 6°14.4′W
(MCNM1030/89)

E0704 1Ed. 2/13/82 LAST NM N11/89 N16/89
Add Depth 14 fathoms "Rep (1987)" 20°14.9′N 69°14.4′W
(Cancels N11/89-E0704)
(MCNM1030/89)

E0704 1Ed. 2/13/82 LAST NM N16/89 N51/90
Delete Depths
32 fathoms "Rep (1950)" 18°52.6′N 68°13.6′W
12 fathoms (ED) 18°42.5′N 68°07.0′W
79 fathoms 18°24.4′N 68°14.0′W
(MCNM1058/90)

E0704 1Ed. 2/13/82 LAST NM N51/90 N34/91
Add Depth 83 fathoms "Rep (1991)" 18°21.5′N 67°43.0′W
(25(1829)91 Taunton)

E0704 1Ed. 2/13/82 LAST NM N34/91 N10/93
Delete R Bn at light 17°59.9′N 65°53.9′W

Relocate Buoy (mooring) close NE to 17°52.4′N 64°42.8′W

Change Lights to
Fl 20s 121ft 20M 17°56.6′N 67°11.9′W
Fl 5s 120ft 14M 18°28.2′N 66°43.5′W
Fl 10s 305ft 13M 18°19.3′N 65°14.0′W

Visibility (range) of lights to
26M 18°22.8′N 65°37.0′W
16M 17°46.0′N 64°52.8′W
12M 17°53.7′N 66°31.4′W
(MCC1223/93)

E0704 1Ed. 2/13/82 LAST NM N10/93 N11/93
Delete Depths
851 fathoms 17°37.8′N 65°17.9′W
15 fathoms "Rep (1957)" 17°36.6′N 64°53.0′W
43 fathoms "Rep (1974)" 17°37.0′N 65°10.9′W

Add Depths
782 fathoms 17°38.8′N 65°17.2′W
347 fathoms 17°33.2′N 64°51.2′W
(MCC1235/93)

E0704 1Ed. 2/13/82 LAST NM N11/93 N36/95
Add Dashed-line circle
"Subm buoy (cov 22½fms)" 17°44′N 64°55′W
(MCC003/95)

E0704 1Ed. 2/13/82 LAST NM N36/95 N34/96
Add Submarine cable between 18°27′N 66°04′W
18°36′N 66°05′W
(SMEA013/96)

E0704 1Ed. 2/13/82 LAST NM N34/96 N45/96
Add Wreck (PA) 18°30.0′N 65°48.0′W
(37/96 CG7)

E0704 1Ed. 2/13/82 LAST NM N45/96 N9/97
Add "North Range Ordnance Jettison Area"
bound by purple dashed line joining 18°50′N 65°50′W
19°00′N 65°50′W
19°00′N 65°40′W
18°50′N 65°40′W

"South Range Ordnance Jettison Area"
bound by purple dashed line joining 17°40′N 65°50′W
17°50′N 65°50′W
17°50′N 65°40′W
17°40′N 65°40′W
(GIMM009/97)

E0704 1Ed. 2/13/82 LAST NM N9/97 N2/98
Delete Depth 13 fathoms 17°04′N 62°23′W
(48(4301)97 Taunton)

★**E0709** 1Ed. 12/29/84 NEW CHART N21/85
(DMAHTC)

E0709 1Ed. 12/29/84 LAST NM N21/85 N22/91
Delete R Bns 46°16.0′N 60°07.4′W
45°33.5′N 60°56.0′W
45°06.0′N 61°32.5′W
46°39.9′N 64°42.3′W
(1(47), 31(666, 670, 671)89 Ottawa)

E0709 1Ed. 12/29/84 LAST NM N22/91 N12/94
Delete R Bn 47°14′N 60°08′W
(2(66)94 Ottawa)

E0709 1Ed. 12/29/84 LAST NM N12/94 N25/95
Delete R Bn at light 48°51.5′N 64°12.0′W
(MCC039/95)

E0709 1Ed. 12/29/84 LAST NM N25/95 N7/96
Delete R Bn 46°27′N 61°58′W
(24(701)95 Ottawa)

E0709 1Ed. 12/29/84 LAST NM N7/96 N42/96
Delete R Bn 45°19.5′N 60°55.9′W
(8(426)96 Ottawa)

E0709 1Ed. 12/29/84 LAST NM N42/96 N5/97
Delete R Bn 48°01′N 64°30′W
R Bn at light 47°51′N 61°09′W
(GIMM001/97)

★**E0710** 1Ed. 2/9/85 NEW CHART N21/85
Change Caution No 2 in right upper margin of chart to "The prudent mariner will not rely solely on any single aid to navigation particularly on floating aids. See paragraph No. 1 of Notice to Mariners No. 1 or Sailing Direction Planning Guides for information relative to DMAHTC Charts."
(DMAHTC)

E0710 1Ed. 2/9/85 LAST NM N21/85 N22/91
Delete R Bn at lights 50°06.1′N 61°44.7′W
50°13.3′N 64°12.5′W
50°05.4′N 66°22.9′W
(23(444), 45(866, 867)88 Ottawa)

E0710 1Ed. 2/9/85 LAST NM N22/91 N28/91
Add Superbuoy ODAS "45138" Y, Fl(5) Y 20s
49°32.0′N 65°43.0′W
(MCNM1098/91)

E0710 1Ed. 2/9/85 LAST NM N28/91 N42/94
Relocate Superbuoy ODAS "45138" close NW to 49°33.6′N 65°45.6′W

Add Danger circle "Obstn" 49°33.6′N 65°47.5′W
(13(456)94 Ottawa)

E0710 1Ed. 2/9/85 LAST NM N42/94 N25/95
Delete R Bn at light 50°10.2′N 60°03.7′W
(MCC039/95)

E0710 1Ed. 2/9/85 LAST NM N25/95 N43/95
Delete Danger circle "Obstn" 49°33.6′N 65°47.5′W
(18(502)95 Ottawa)

E0710 1Ed. 2/9/85 LAST NM N43/95 N13/96
Delete R Bn at light 49°19′N 67°23′W
(2(137)96 Ottawa)

E0710 1Ed. 2/9/85 LAST NM N13/96 N36/96
Delete R Bn at light 49°05′N 61°43′W
(7(373)96 Ottawa)

E0710 1Ed. 2/9/85 LAST NM N36/96 N22/97
Delete Light 49°19′N 67°23′W

Add Legend "(AERO)" to R Bn 49°51′N 64°24′W
(4(232, 280)97 Ottawa)

★**E0712** 1Ed. 2/12/83 NEW CHART N16/83
(DMAHTC)

★**E0713** 2Ed. 8/10/85 NEW EDITION N48/85
(DMAHTC)

E0713 2Ed. 8/10/85 LAST NM N48/85 N22/91
Delete R Bn at light 61°18.7′N 64°52.5′W
(22(533)86 Ottawa)

E0713 2Ed. 8/10/85 LAST NM N22/91 N24/98
Delete Ra Ref from light 61°04.5′N 69°33.0′W
(Can LL)

★**E0714** 2Ed. 8/3/85 NEW EDITION N48/85
(DMAHTC)

★**E0803** 1Ed. 2/26/83 NEW CHART N18/83
(DMAHTC)

E0803 1Ed. 2/26/83 LAST NM N18/83 N26/83
Add Depth 223 fathoms "Rep (1983)" 16°50.3′N 79°16.6′W
(NVS6958/83)

E0803 1Ed. 2/26/83 LAST NM N26/83 N44/83
Delete Depths
53 fathoms "Rep (1973)" 16°03′N 79°11′W
76 fathoms "Rep (1980)" 16°20′N 78°45′W

Add Legend "(ED)" to
depth 223 fathoms "Rep (1983)" 16°50.3′N 79°16.6′W
(See N26/83-E0803)

Legend "(PA)" to depths
291 fathoms "Rep (1982)" 15°57′N 78°23′W
311 fathoms "Rep (1982)" 15°54′N 78°24′W
(NVS7072/83)

E0803 1Ed. 2/26/83 LAST NM N44/83 N53/83
Add Depth 233 fathoms 15°45.9′N 22°10.9′W
(45(2902)83 Taunton)

E0803 1Ed. 2/26/83 LAST NM N53/83 N2/84
Delete Depth 233 fathoms 15°45.9′N 22°10.9′W
(Cancels N53/83-E0803)
(DMAHTC)

E0803 1Ed. 2/26/83 LAST NM N2/84 N13/84
Add Depth 89 fathoms "Rep (1983)" (PA) 13°47.0′N 79°04.4′W
(NVS7214/84)

E0803 1Ed. 2/26/83 LAST NM N13/84 N15/84
Add Depths
287 fathoms "Rep (1983)" (PA) 14°10.4′N 78°27.1′W
275 fathoms "Rep (1983)" (PA) 14°11.8′N 78°04.0′W
202 fathoms "Rep (1983)" (PA) 14°43.4′N 77°48.3′W
244 fathoms "Rep (1983)" (PA) 14°55.6′N 77°45.4′W
212 fathoms "Rep (1983)" (PA) 12°26.8′N 79°34.2′W
142 fathoms "Rep (1983)" (PA) 12°24.1′N 79°39.0′W
150 fathoms "Rep (1983)" (PA) 12°15.0′N 79°47.7′W
(NVS7214/84)

E0803 1Ed. 2/26/83 LAST NM N15/84 N28/84
Add Stranded wreck 11°04.8′N 74°54.7′W
(20(2035)84 Hamburg)

E0803 1Ed. 2/26/83 LAST NM N28/84 N37/84
Add Legend "(PA)" to stranded wreck 11°04.8′N 74°54.7′W
(See 28/84-E0803)
(20(2035)84 Hamburg)

E0803 1Ed. 2/26/83 LAST NM N37/84 N43/86
Add Depths
283 fathoms (PA) 15°53.0′N 78°25.0′W
282 fathoms (PA) 15°57.5′N 78°25.0′W
(MCNM7827/86)

E0803 1Ed. 2/26/83 LAST NM N43/86 N12/91
Substitute Dangerous wreck for stranded wreck 10°22.9′N 75°38.8′W
and change light to Fl 10M

Change Visibility (range) of lights to
22M 10°57.8′N 75°00.7′W
13M 10°48.0′N 75°15.6′W

Characteristic of light to Fl(3) 11°15.1′N 74°14.5′W

Lights to
Fl 24M 10°34.3′N 75°30.2′W
Fl(2) 23M 10°19.5′N 75°35.2′W
Fl(3) 15M 10°13.8′N 75°44.2′W
(14/89, 12/90 Bogota; 48(3611)88 Taunton; Col LL)

E0803 1Ed. 2/26/83 LAST NM N12/91 N46/94
Add Superbuoy ODAS "41018" Y, Fl(4) Y 20s 15°00′N 75°00′W
(35/94 CG7)

E0803 1Ed. 2/26/83 LAST NM N46/94 N5/95
Change Light to Fl 15M 10°22.8′N 75°39.5′W
(15/94 Bogota)

E0803 1Ed. 2/26/83 LAST NM N5/95 N10/96
Add Depth 41 fathoms "Rep" 12°31.1′N 72°16.1′W
(Col CH 002)

E0803 1Ed. 2/26/83 LAST NM N10/96 N13/96
Delete Superbuoy ODAS "41018" 15°00′N 75°00′W
(8/96 CG7)

E0803 1Ed. 2/26/83 LAST NM N13/96 N51/96
Delete R Bn at light 10°19.5′N 75°35.0′W
(GIMM049/96)

E0803 1Ed. 2/26/83 LAST NM N51/96 N15/97
Change Visibility (range) of light to 25M 15°47.7′N 79°50.7′W
(1/97 Bogota)

E0803 1Ed. 2/26/83 LAST NM N15/97 N31/97
Add "EXPLOSIVES DUMPING GROUND" area
bound by purple composite line
joining 10°35′N 75°41′W
10°35′N 75°44′W
10°37′N 75°44′W
10°37′N 75°41′W
(GIMM001/97)

E0803 1Ed. 2/26/83 LAST NM N31/97 N42/97
Add Depth 10 fathoms 16°46′N 78°26′W
(14(1279)97 Taunton)

★E0804 1Ed. 9/18/82 NEW CHART N48/82
Delete Depths
9 fathoms 18°00.5′N 78°04.1′W
13 fathoms 17°57.1′N 78°06.1′W
4 fathoms 4 feet 17°50.0′N 77°59.0′W
33 fathoms "Rep (1967)" 18°20.8′N 74°58.6′W

Add Depth
4 fathoms 3 feet 21°05.8′N 71°18.6′W
314 fathoms 19°47.5′N 79°13.5′W
227 fathoms 18°16.5′N 76°02.8′W
12 fathoms 18°00.0′N 78°04.5′W
17 fathoms 17°57.2′N 78°06.0′W
13 fathoms 17°50.0′N 77°58.0′W
29 fathoms 17°33.4′N 78°15.4′W
24 fathoms 17°32.0′N 78°13.0′W
15 fathoms 17°31.6′N 78°17.3′W
11 fathoms 17°31.2′N 77°15.0′W
23 fathoms 17°29.3′N 78°22.7′W
6 fathoms "Rep" 18°23.5′N 74°33.0′W
278 fathoms "Rep (1978)" 18°16.0′N 74°55.0′W
11 fathoms "Rep (1978)" 17°32.1′N 77°03.6′W
13 fathoms "Rep (1981)" 17°12.2′N 77°22.3′W

Legend "ED" to
depth 4 fathoms 4 feet 18°17.0′N 74°51.0′W
(DMAHTC; NVS6803/82)

E0804 1Ed. 9/18/82 LAST NM N48/82 N50/82
Delete Depths
8 fathoms 18°25.0′N 74°53.2′W
18 fathoms 18°25.0′N 74°47.0′W
4 fathoms 4 feet (ED) 18°17.0′N 74°51.0′W
8 fathoms 18°19.5′N 74°57.0′W
278 fathoms "Rep 1978" 18°16.0′N 74°55.0′W
(See 48/82-E0804)
(NVS6781, 6813/82)

E0804 1Ed. 9/18/82 LAST NM N50/82 N8/83
Substitute Depth 112 fathoms "Rep (1978)" for
14 fathoms "Rep (1978)" 22°06.8′N 74°23.9′W
(2(159)83 Taunton)

E0804 1Ed. 9/18/82 LAST NM N8/83 N15/83
Add Depth 236 fathoms 18°20.0′N 74°51.5′W
(9(625)83 Taunton)

E0804 1Ed. 9/18/82 LAST NM N15/83 N26/83
Add Depth 144 fathoms "Rep (1983)" 17°01.0′N 79°31.5′W
(NVS6958/83)

E0804 1Ed. 9/18/82 LAST NM N26/83 N34/83
Delete Depth 11 fathoms 22°16.5′N 75°11.0′W

Add Depth 9¾ fathoms 22°15.9′N 75°11.3′W
(NVS6996/83)

E0804 1Ed. 9/18/82 LAST NM N34/83 N44/83
Delete Depth 9 fathoms "Rep (1971)" 17°11′N 79°21′W

Add Depth 320 fathoms 20°32.3′N 70°26.5′W

Legend "(ED)" to
depth 144 fathoms "Rep (1983)" 17°01.0′N 79°31.5′W
(See N26/83-E0804)
(NVS7066, 7072/83)

E0804 1Ed. 9/18/82 LAST NM N44/83 N50/83
Add Depth 299 fathoms 22°06.0′N 73°06.8′W
(41(2619)83 Taunton)

E0804 1Ed. 9/18/82 LAST NM N50/83 N8/84
Add Depths
2 fathoms 2 feet 18°37.1′N 73°10.9′W
6 fathoms 22°16.5′N 75°11.7′W
(NVS7189, 7190/84)

E0804 1Ed. 9/18/82 LAST NM N8/84 N15/84
Add Depth 198 fathoms "Rep (1983)" (PA)
17°36.0′N 79°53.7′W
(NVS7214/84)

E0804 1Ed. 9/18/82 LAST NM N15/84 N23/84
Add Legend "CAUTION NO 3" 18°02′00″N 78°05′00″W

Caution No. 3 to cautions note
in lower right margin of chart
"3. Depths less than 10 fathoms
are reported in the vicinity
of New Bank (1984)."
(NVS7258/84)

E0804 1Ed. 9/18/82 LAST NM N23/84 N42/84
Delete Depths
15 fathoms 18°20′N 74°32′W
15 fathoms "Rep (1973)" (PA) 17°26′N 75°20′W
(NVS7330/84)

E0804 1Ed. 9/18/82 LAST NM N42/84 N33/85
Delete Depth 31 fathoms 22°29.1′N 73°11.3′W
(HNNM7520/85)

E0804 1Ed. 9/18/82 LAST NM N33/85 N44/85
Add Depths
11 fathoms 1 foot 22°52.6′N 74°49.2′W
272 fathoms 18°57.7′N 73°29.4′W
285 fathoms 19°01.0′N 73°33.7′W
258 fathoms 19°05.7′N 73°38.0′W
(HNNM7597-98/85)

E0804 1Ed. 9/18/82 LAST NM N44/85 N32/87
Add Depth 28 fathoms (ED) 18°22.0′N 74°46.1′W
(MCNM7927/87)

E0804 1Ed. 9/18/82 LAST NM N32/87 N9/88
Delete Depth 70 fathoms 17°33.0′N 71°38.4′W

Add Rock awash "Rep (1988)" (PA) 22°00.0′N 76°08.7′W
(MCNM8057, 8059/88)

E0804 1Ed. 9/18/82 LAST NM N9/88 N32/88
Substitute Depth 207 fathoms for 234 fathoms 20°50.5′N 74°01.3′W
(MCNM8123/88)

E0804 1Ed. 9/18/82 LAST NM N32/88 N41/88
Delete Depths
25 fathoms "Rep (1978)" 22°06.8′N 74°24.0′W
112 fathoms "Rep (1978)" 22°06.8′N 74°23.9′W
250 fathoms "(PA)", blue tint
and dashed-line circle 22°08.0′N 74°24.5′W

Add Depth 273 fathoms 22°06.5′N 74°23.5′W
(MCNM8147/88)

E0804 1Ed. 9/18/82 LAST NM N41/88 N43/88
Delete Depths
35 fathoms "Rep (1973)" 17°19.2′N 75°19.6′W
10 fathoms 17°14.2′N 75°24.5′W
14 fathoms 17°09.9′N 75°20.1′W
15 fathoms 17°07.2′N 75°26.3′W

Add Depths
13 fathoms 2 feet 17°12.9′N 75°25.0′W
14 fathoms 4 feet 17°14.1′N 75°24.9′W
27 fathoms 17°11.0′N 75°25.1′W
31 fathoms 17°15.3′N 75°24.5′W
(MCNM8078/88)

E0804 1Ed. 9/18/82 LAST NM N43/88 N50/88
Delete Depth 60 fathoms 17°24′N 71°43′W
(MCNM8169/88)

E0804 1Ed. 9/18/82 LAST NM N50/88 N28/89
Delete Depth 14 fathoms "Rep (1943)" 17°27.6′N 76°16.0′W

Add Depth 14 fathoms "Rep (1985)" (PA) 17°27.0′N 76°20.0′W
(NVS7456/85)

E0804 1Ed. 9/18/82 LAST NM N28/89 N38/89
Add Depth 8 fathoms 5 feet 21°49.6′N 76°18.8′W
(MCNM1102/89)

E0804 1Ed. 9/18/82 LAST NM N38/89 N23/90
Add Depth 170 fathoms 17°51.0′N 75°06.6′W
(25(58)89 Brest)

E0804 1Ed. 9/18/82 LAST NM N23/90 N31/95
Add Buoy RW, pillar, Mo(K) 10s Racon 17°55′N 76°45′W
(14(1219)95 Taunton)

E0804 1Ed. 9/18/82 LAST NM N31/95 N33/95
Add Depth 16 fathoms "Rep (1993)" (PA) 17°47′N 75°52′W
(33(533)93 Hamburg)

E0804 1Ed. 9/18/82 LAST NM N33/95 N42/97
Substitute Depth 10 fathoms for 19 fathoms "Rep (1972)" (PA) 17°44′N 75°35′W
(16(1426)97 Taunton)

★**E0818** 1Ed. 2/16/85 NEW CHART N21/85
(DMAHTC)

★**E0901** 2Ed. 4/30/88 NEW EDITION N31/88
(DMAHTC)

E0901 2Ed. 4/30/88 LAST NM N31/88 N25/89
Delete Depth 140 fathoms 1°33′S 89°27′W
(MCNM1062/89)

E0901 2Ed. 4/30/88 LAST NM N25/89 N14/92
Add "Explosives Dumping Area" bound by purple dashed line joining
2°32.8′N 79°15.4′W
2°32.8′N 79°05.3′W
2°17.9′N 79°05.3′W
2°17.9′N 79°15.4′W
(2/92 Bogota)

E0901 2Ed. 4/30/88 LAST NM N14/92 N3/93
Delete Depth 6 fathoms "Rep (1973)" 1°49′S 81°11′W
(41(723)92 Hamburg)

E0901 2Ed. 4/30/88 LAST NM N3/93 N11/93
Delete Light 0°56.9′S 80°44.0′W
(11(16)92 Guayaquil)

E0901 2Ed. 4/30/88 LAST NM N11/93 N30/95
Add Light symbol with Racon 0°54.9′S 89°25.9′W
(12(22)94 Guayaquil; BA LL)

E0901 2Ed. 4/30/88 LAST NM N30/95 N4/96
Delete R Bn at light 1°50′N 78°45′W
(Col LL)

E0901 2Ed. 4/30/88 LAST NM N4/96 N16/98
Delete R Bn (AERO) 1°50′N 78°46′W
(11/97 Bogota)

★**E0902** 2Ed. 5/28/88 NEW EDITION N35/88
(DMAHTC)

E0902 2Ed. 5/28/88 LAST NM N35/88 N11/89
Delete Depth 276 fathoms 6°01.0′N 79°19.7′W

Substitute Depth 1245 fathoms for 245 fathoms 5°12.3′N 80°42.9′W
(MCNM1028/89)

E0902 2Ed. 5/28/88 LAST NM N11/89 N29/89
Add Depth 387 fathoms "Rep" 7°34′N 84°50′W
(MCNM1075/89)

E0902 2Ed. 5/28/88 LAST NM N29/89 N38/89
Add Depth 52 fathoms "Rep (1984)" 9°51.0′N 85°48.6′W
(MCNM1101/89)

E0902 2Ed. 5/28/88 LAST NM N38/89 N8/90
Add Depth 305 fathoms 5°41.1′N 86°56.1′W
(MCNM1006/90)

E0902 2Ed. 5/28/88 LAST NM N8/90 N49/94
Add Light flare symbol 3°00.2′N 78°11.5′W
(16/94 Bogota)

E0902 2Ed. 5/28/88 LAST NM N49/94 N5/95
Add Light symbol 3°13.0′N 77°32.9′W
(2/94 Bogota)

E0902 2Ed. 5/28/88 LAST NM N5/95 N4/96
Delete R Bn at light 3°47′N 77°11′W
(Col LL)

E0902 2Ed. 5/28/88 LAST NM N4/96 N33/97
Add Depth
42 fathoms 7°15′N 79°04′W
46 fathoms 7°12′N 79°05′W
53 fathoms 7°06′N 79°06′W
(GIMM001/97)

E0902 2Ed. 5/28/88 LAST NM N33/97 N46/97
Add Depth 59 fathoms "Rep (1997)" 4°57.8′N 82°10.1′W
(GIMM058/97)

★**E0903** 1Ed. 8/8/81 NEW CHART N40/81
Change Lights to
Fl(2) 12M 14°29.0′N 81°09.0′W
Fl(2) 12M 14°16.5′N 80°24.0′W
Fl(2) 16M 13°18.7′N 81°23.3′W
Fl(2) 17M 10°00.0′N 83°01.0′W
Fl(2) 11M 13°35.0′N 80°05.5′W
(DMAHTC; US LL)

E0903 1Ed. 8/8/81 LAST NM N40/81 N1/82
Add Depth 88 fathoms "Rep (1981)" 16°50.5′N 80°56.0′W
(34(2002)81 Taunton)

E0903 1Ed. 8/8/81 LAST NM N1/82 N34/82
Change Lights to
Fl 13M 13°35.0′N 80°05.5′W
Fl 14M 14°16.5′N 80°24.0′W
Fl 13M 14°29.0′N 81°09.0′W
(9/82 Bogota)

E0903 1Ed. 8/8/81 LAST NM N34/82 N39/82
Add Depth 39 fathoms "Rep (1982)" 15°55.0′N 87°59.7′W
(16(975)82 Taunton)

E0903 1Ed. 8/8/81 LAST NM N39/82 N45/82
Change Light to Fl 20M and delete R Bn and legend "Exting (1976)" 15°50.0′N 87°57.8′W
(NVS6787/82)

E0903 1Ed. 8/8/81 LAST NM N45/82 N22/83
Add Depth 10 fathoms 5 feet "Rep (1983)" 10°05.6′N 87°09.5′W
(NVS6930/83)

E0903 1Ed. 8/8/81 LAST NM N22/83 N36/83
Add Depth 36 fathoms and relocate depth contour (100-fathom) close E to include above depth 16°04.5′N 81°11.5′W
(NVS7010/83)

E0903 1Ed. 8/8/81 LAST NM N36/83 N45/83
Delete Stranded wrecks
14°09.0′N 81°09.5′W
14°14.0′N 81°08.5′W
14°16.5′N 81°08.0′W
14°20.0′N 81°06.0′W
14°20.5′N 81°09.5′W

Add Stranded wreck 14°20.0′N 81°08.0′W
(BA CH 1218; US LL)

E0903 1Ed. 8/8/81 LAST NM N45/83 N52/83
Add Depths
75 fathoms "Rep (1983)" 12°32.5′N 88°14.9′W
37 fathoms "Rep (1983)" 12°24.7′N 88°17.2′W
65 fathoms "Rep (1983)" 12°29.1′N 88°25.3′W
255 fathoms "Rep (1983)" 12°20.0′N 88°20.4′W
(NVS0011/83)

E0903 1Ed. 8/8/81 LAST NM N52/83 N3/84
Add Depths
158 fathoms "Rep (1983)" (PA) 16°58.5′N 80°42.2′W
133 fathoms "Rep (1983)" (PA) 16°58.5′N 80°36.0′W
218 fathoms "Rep (1983)" (PA) 16°51.8′N 80°16.1′W
143 fathoms "Rep (1983)" (PA) 16°54.3′N 80°18.9′W
221 fathoms "Rep (1983)" (PA) 16°55.6′N 80°12.4′W
143 fathoms "Rep (1983)" (PA) 16°57.5′N 80°14.5′W
118 fathoms "Rep (1983)" (PA) 16°59.1′N 80°16.3′W
228 fathoms "Rep (1983)" (PA) 11°33.1′N 82°52.0′W
(NVS7147/83)

E0903 1Ed. 8/8/81 LAST NM N3/84 N6/84
Add Depths
155 fathoms "Rep (1983)" 11°15.7′N 82°50.0′W
6 fathoms "Rep (1983)" 16°53.2′N 80°48.2′W
(NVS7173, 7178/84)

E0903 1Ed. 8/8/81 LAST NM N6/84 N12/84
Add Depth 17 fathoms "Rep (1983)" (PA) 13°06.2′N 82°19.7′W
(NVS7194/84)

E0903 1Ed. 8/8/81 LAST NM N12/84 N13/84
Add Depth 96 fathoms "Rep (1983)" (PA) 11°30.8′N 80°05.5′W
(NVS7214/84)

E0903 1Ed. 8/8/81 LAST NM N13/84 N17/84
Add Depths
29 fathoms "Rep (1983)" (PA) 11°53.1′N 82°55.4′W
65 fathoms "Rep (1983)" (PA) 16°26.4′N 83°17.9′W
269 fathoms "Rep (1983)" (PA) 16°32.0′N 83°35.0′W
254 fathoms "Rep (1983)" (PA) 16°33.4′N 83°12.5′W
224 fathoms "Rep (1983)" (PA) 16°47.7′N 82°42.7′W
254 fathoms "Rep (1983)" (PA) 16°56.9′N 81°45.3′W
209 fathoms "Rep (1983)" (PA) 16°57.6′N 81°37.8′W
16 fathoms "Rep (1983)" (PA) 16°15.0′N 83°39.4′W
(NVS7226/84)

E0903 1Ed. 8/8/81 LAST NM N17/84 N26/84
Add Depths
201 fathoms "Rep (1984)" (PA) 16°16.6′N 83°54.4′W
183 fathoms "Rep (1984)" (PA) 16°12.4′N 85°33.9′W
147 fathoms "Rep (1984)" (PA) 16°12.2′N 86°50.5′W
103 fathoms "Rep (1984)" (PA) 16°12.2′N 87°03.0′W
116 fathoms "Rep (1984)" (PA) 16°11.9′N 87°14.8′W
(NVS7276/84)

E0903 1Ed. 8/8/81 LAST NM N26/84 N28/84
Add Depth 273 fathoms "Rep (1984)" (PA)
15°56.2′N 88°08.4′W
(NVS7282/84)

E0903 1Ed. 8/8/81 LAST NM N28/84 N27/85
Add Depths
6 fathoms 3 feet 16°05′05″N 86°11′48″W
9 fathoms 2 feet 16°05′14″N 86°17′08″W
(HNNM7478/85)

E0903 1Ed. 8/8/81 LAST NM N27/85 N41/85
Add Depth 5 fathoms 5 feet 16°03.8′N 86°29.9′W
(HNNM7586/85)

E0903 1Ed. 8/8/81 LAST NM N41/85 N3/86
Add Depths
250 fathoms (PA) 11°53.0′N 82°17.4′W
180 fathoms (PA) 11°53.7′N 82°47.2′W
(HNNM7658/85)

E0903 1Ed. 8/8/81 LAST NM N3/86 N14/86
Add Depth 16 fathoms "Rep (1985)"
enclosed by danger circle 15°59′N 81°01′W
(1(99)86 Taunton)

E0903 1Ed. 8/8/81 LAST NM N14/86 N51/86
Add Depths
287 fathoms "Rep (1986)" (PA) 13°36.8′N 80°28.7′W
219 fathoms "Rep (1986)" (PA) 13°27.6′N 80°27.1′W
(MCNM7858/86)

E0903 1Ed. 8/8/81 LAST NM N51/86 N24/87
Add Depths
184 fathoms "Rep (1987)" (PA) 14°24.2′N 80°03.9′W
292 fathoms "Rep (1987)" (PA) 14°21.7′N 80°00.8′W
(MCNM7942/87)

E0903 1Ed. 8/8/81 LAST NM N24/87 N49/87
Delete Depth 10 fathoms "Rep (1968)" 14°29.0′N 80°28.0′W

Add Depths
161 fathoms 16°05.7′N 87°33.5′W
9 fathoms 5 feet 16°03.5′N 87°26.9′W
10 fathoms 4 feet 16°15.5′N 87°22.0′W
19 fathoms 16°06.4′N 87°15.2′W
23 fathoms 16°07.8′N 87°16.2′W
11 fathoms 1 foot 16°23.1′N 86°21.2′W
12 fathoms 16°23.9′N 86°17.1′W
(MCNM8018, 8020/87)

E0903 1Ed. 8/8/81 LAST NM N49/87 N48/88
Delete Depths
27 fathoms "Rep (1965)" 16°58.8′N 82°17.1′W
10 fathoms 4 feet 16°15.5′N 87°22.0′W
(See N49/87-E0903)

Add Depth 10 fathoms 4 feet 16°06.3′N 87°22.0′W
(MCNM8169/88)

E0903 1Ed. 8/8/81 LAST NM N48/88 N29/89
Add Depths
277 fathoms "Rep (1988)" (PA) 16°33.0′N 85°13.1′W
239 fathoms "Rep (1988)" (PA) 16°32.1′N 85°24.3′W
386 fathoms "Rep (1988)" (PA) 16°26.8′N 85°37.5′W
(MCNM1074/89)

E0903 1Ed. 8/8/81 LAST NM N29/89 N4/93
Add Light Fl 14M 12°29.4′N 81°43.1′W
(25/92 Bogota)

E0903 1Ed. 8/8/81 LAST NM N4/93 N14/97
Delete Depth
201 fathoms "Rep (1984)" (PA) 16°16.6′N 83°54.4′W
183 fathoms "Rep (1984)" (PA) 16°12.4′N 85°33.9′W
147 fathoms "Rep (1984)" (PA) 16°12.2′N 86°50.5′W
103 fathoms "Rep (1984)" (PA) 16°12.2′N 87°03.0′W
116 fathoms "Rep (1984)" (PA) 16°11.9′N 87°14.8′W
(GIMM019/97)

E0903 1Ed. 8/8/81 LAST NM N14/97 N30/97
Delete Light 16°08′N 86°53′W
16°23′N 86°25′W
(17(1506)97 Taunton)

E0903 1Ed. 8/8/81 LAST NM N30/97 N33/97
Change Legend to "SERRAVILLA BANK Rep to
extend westward (1985)" 15°50.0′N 80°08.0′W
(GIMM001/97)

★E0904 1Ed. 5/7/83 NEW CHART N32/83
Delete Legend "Rep (1977)" 20°04.5′N 82°08.2′W

Add Depth 95 fathoms 17°03.5′N 80°23.0′W

Legend "(Correct through NM 19/83)"
in lower left margin of chart
(DMAHTC; NVS6151/80, 6958/83)

E0904 1Ed. 5/7/83 LAST NM N32/83 N37/83
Add Light Fl(2) 13M (PA) 18°36′N 87°20′W
(SCT 3(55)82 Mexico, D.F.; NVS7014/83)

E0904 1Ed. 5/7/83 LAST NM N37/83 N48/83
Change Visibility (range) of light to 19M 21°27.2′N 82°55.0′W
(3(7)83 Habana)

E0904 1Ed. 5/7/83 LAST NM N48/83 N52/83
Add Light Fl 15M 23°08.7′N 81°47.8′W
(10(34)83 Habana)

E0904 1Ed. 5/7/83 LAST NM N52/83 N3/84
Add Depths
288 fathoms "Rep (1983)" (PA) 17°00.7′N 81°02.2′W
108 fathoms "Rep (1983)" (PA) 17°00.9′N 80°26.5′W
108 fathoms "Rep (1983)" (PA) 17°00.2′N 80°18.4′W
(NVS7147/83)

E0904 1Ed. 5/7/83 LAST NM N3/84 N6/84
Add Lights
Fl(4) 11M (PA) 21°02.4′N 86°47.1′W
Fl 11M (PA) 20°46.3′N 86°58.0′W
(2(128, 130-82)83 Mexico, D.F.; BA LL)

E0904 1Ed. 5/7/83 LAST NM N6/84 N18/84
Add Depths
291 fathoms "Rep (1984)" (PA) 22°23.0′N 86°25.7′W
208 fathoms "Rep (1984)" (PA) 22°32.0′N 86°35.0′W
195 fathoms "Rep (1984)" (PA) 22°36.4′N 86°41.0′W
191 fathoms "Rep (1984)" (PA) 22°44.6′N 86°47.0′W
188 fathoms "Rep (1984)" (PA) 22°50.1′N 86°52.3′W
191 fathoms "Rep (1984)" (PA) 22°55.0′N 86°57.7′W
(NVS7234/84)

E0904 1Ed. 5/7/83 LAST NM N18/84 N32/84
Add Stranded wrecks 17°09.6′N 87°35.3′W
17°07.5′N 87°35.8′W
17°12.9′N 87°31.5′W
17°28.5′N 87°28.1′W

Stranded wreck (PA) 17°08.5′N 87°35.1′W
Stranded wreck (conspic) (PA) 17°16.9′N 87°31.5′W
(NVS7291/84; US CH 28167)

E0904 1Ed. 5/7/83 LAST NM N32/84 N28/85
Delete Depth 100 fathoms "Rep (1967)" 23°58′N 88°57′W

Add Depth 43 fathoms 23°39.5′N 89°05.5′W
(HNNM7491/85)

E0904 1Ed. 5/7/83 LAST NM N28/85 N30/86
Add Racon at light 22°18′N 84°40′W
(HNNM7687/86)

E0904 1Ed. 5/7/83 LAST NM N30/86 N45/86
Add Depths
9 fathoms "Rep (1986)" (PA) 21°53′N 86°20′W
8 fathoms "Rep (1986)" (PA) 21°57′N 86°25′W
(MCNM7841/86)

E0904 1Ed. 5/7/83 LAST NM N45/86 N14/87
Add Depth 112 fathoms "Rep (1986)" 23°50.1′N 87°28.5′W
(MCNM7923/87)

E0904 1Ed. 5/7/83 LAST NM N14/87 N17/87
Add Depth 49 fathoms "Rep (1965)" (ED) 17°03′N 87°38′W
(BA CH 1220)

E0904 1Ed. 5/7/83 LAST NM N17/87 N21/87
Add Depths
85 fathoms 18°21.5′N 83°44.0′W
11 fathoms 18°21.9′N 84°14.6′W
15 fathoms 18°48.7′N 83°14.9′W
(MCNM7936/87)

E0904 1Ed. 5/7/83 LAST NM N21/87 N36/88
Substitute Depth 8 fathoms enclosed by danger circle "Rep (1988)" for 20 fathoms "Rep (1979)" 23°37′N 87°19′W
(26(57)88 Hamburg)

E0904 1Ed. 5/7/83 LAST NM N36/88 N48/88
Delete Depths
17 fathoms 18°37.0′N 83°08.5′W
14 fathoms "Rep (1980)" (PA) 18°38.4′N 83°12.1′W
13 fathoms 18°34.1′N 83°24.8′W
4 fathoms "Rep (1956)" 18°29.3′N 83°50.9′W
15 fathoms 18°35.0′N 83°46.0′W
18 fathoms 18°35.0′N 83°50.0′W
21 fathoms "Rep (1955)" 18°43.4′N 84°07.3′W
10 fathoms "Rep (1968)" (PA) 18°43.1′N 84°04.8′W
17 fathoms 18°24.8′N 84°10.0′W
22 fathoms "Rep (1958)" 18°28.5′N 84°16.8′W
(MCNM8169/88)

E0904 1Ed. 5/7/83 LAST NM N48/88 N50/88
Substitute Depth 10 fathoms for 8 fathoms 20°23.5′N 80°27.8′W
(MCNM8169/88)

E0904 1Ed. 5/7/83 LAST NM N50/88 N48/90
Add Depth 229 fathoms 19°19.5′N 81°39.9′W
(MCNM1052/90)

E0904 1Ed. 5/7/83 LAST NM N48/90 N5/91
Delete Light 22°13.9′N 84°43.8′W

Change Visibility (range) of light to 40M 21°52.1′N 84°56.8′W

Characteristic of light to L Fl 22°42.3′N 84°01.2′W
(36(2758)87 Taunton; 5(65)89 Habana; Cuba LL)

E0904 1Ed. 5/7/83 LAST NM N5/91 N7/91
Delete Light 23°01.5′N 82°45.0′W

Change Visibility (range) of lights to
46M 23°00.0′N 83°13.0′W
12M 22°59.0′N 83°09.2′W
19M 23°00.0′N 82°58.8′W
43M 23°09.1′N 82°21.1′W
15M 23°11.0′N 82°00.7′W
19M 23°08.7′N 81°47.8′W
17M 23°05.9′N 81°28.0′W

Add Light Fl 17M 23°01.7′N 82°46.0′W
(MCNM1065/90)

E0904 1Ed. 5/7/83 LAST NM N7/91 N20/91
Change Visibility (range) of light to 43M 21°40.0′N 81°02.5′W
(BA LL)

E0904 1Ed. 5/7/83 LAST NM N20/91 N33/91
Change Visibility (range) of lights to
16M 23°00.0′N 83°13.0′W
18M 23°09.1′N 82°21.1′W
(Cuba LL)

E0904 1Ed. 5/7/83 LAST NM N33/91 N23/92
Add Light Fl 25M (PA) 21°44.8′N 80°01.0′W
(Cuba LL)

E0904 1Ed. 5/7/83 LAST NM N23/92 N47/92
Change Visibility (range) of light to 36M 22°42.9′N 84°01.2′W
(4(60)92 Habana)

E0904 1Ed. 5/7/83 LAST NM N47/92 N25/93
Delete Depth
32 fathoms "Rep (1959)" 23°54′N 87°21′W
22 fathoms "Rep (1979)" 23°52′N 87°34′W
34 fathoms "Rep (1978)" 23°41′N 87°36′W
(NVS7224/84)

E0904 1Ed. 5/7/83 LAST NM N25/93 N30/93
Delete Light 23°05.6′N 82°29.3′W

Add Light Fl 25M (PA) 23°03.5′N 82°32.6′W
(12(245)85, 1(16)93 Habana)

E0904 1Ed. 5/7/83 LAST NM N30/93 N32/94
Delete R Bn at light 21°52′N 84°57′W

Add Light Fl 25M 22°14.3′N 83°34.3′W
(1(18), 2(36, 40)94 Habana)

E0904 1Ed. 5/7/83 LAST NM N32/94 N5/95
Add Depth
13 fathoms "Rep (1994)" 20°55.4′N 86°36.0′W
150 fathoms "Rep (1994)" 18°32.4′N 86°58.0′W
500 fathoms "Rep (1994)" 18°19.0′N 87°04.0′W
(MCC004/95)

E0904 1Ed. 5/7/83 LAST NM N5/95 N6/95
Delete Light 23°11′N 82°01′W
(BA LL)

E0904 1Ed. 5/7/83 LAST NM N6/95 N16/95
Change Visibility (range) of light
to 18M 21°52′N 84°57′W
(BA LL)

E0904 1Ed. 5/7/83 LAST NM N16/95 N52/95
Change Visibility (range) of light to 25M 23°09.1′N 82°21.1′W

Add Light Fl 10M 23°05.6′N 82°29.4′W
(Cuba LL)

E0904 1Ed. 5/7/83 LAST NM N52/95 N1/96
Add Depth 18 fathoms "Rep (1995)" 18°42.5′N 84°04.0′W
(MCC063/95)

E0904 1Ed. 5/7/83 LAST NM N1/96 N12/96
Delete R Bn at light 22°02′N 80°26′W
(5(103)95 Habana)

E0904 1Ed. 5/7/83 LAST NM N12/96 N31/96
Change Visibility (range) of light to 24M 23°12.9′N 80°29.0′W

Add Submarine cable joining 21°05.5′N 86°46.5′W
21°05.2′N 86°37.5′W
21°07.6′N 86°33.2′W
21°17.1′N 86°25.6′W
21°20.0′N 86°15.8′W
(SMEA013/96; Cuba LL)

E0904 1Ed. 5/7/83 LAST NM N31/96 N33/96
Change Visibility (range) of light to
15M 21°44.8′N 80°01.0′W
23M 22°02.0′N 80°26.0′W
25M 21°40.0′N 81°02.5′W
17M 21°27.2′N 82°55.0′W
10M 21°45.5′N 84°31.0′W
22M 22°42.9′N 84°01.2′W
27M 23°00.0′N 83°13.0′W
10M 23°00.0′N 82°58.8′W
15M 23°08.7′N 81°47.8′W
10M 23°09.1′N 81°36.0′W
10M 23°14.5′N 81°07.5′W
(Cuba LL)

E0904 1Ed. 5/7/83 LAST NM N33/96 N46/96
Delete R Bn 20°28.5′N 86°58.0′W
R Bn (AERO) 18°30.9′N 88°18.0′W
(GIMM049/96)

E0904 1Ed. 5/7/83 LAST NM N46/96 N49/96
Add Dashed-line circle "Marine Farm" 21°44.6′N 83°15.3′W
21°52.3′N 83°20.8′W
(8(200, 201)96 Habana)

E0904 1Ed. 5/7/83 LAST NM N49/96 N23/97
Change Light to Fl 8M 22°59′N 83°09′W
(10(238)96 Habana; Cuba LL)

E0904 1Ed. 5/7/83 LAST NM N23/97 N11/98
Add Wreck (PA) 21°58′N 81°24′W
(4(93)97 Habana)

E0904 1Ed. 5/7/83 LAST NM N11/98 N14/98
Delete Wreck (PA) 21°58′N 81°24′W
(Supersedes N11/98-E0904)

Add Wreck 21°58′N 80°24′W
(10(256)97 Habana)

E0904 1Ed. 5/7/83 LAST NM N14/98 N37/98
Add Depth 23 fathoms "(Rep 1997)" 22°55.8′N 87°11.2′W
(GIMM065/97)

★**E0916** 1Ed. 11/10/84 NEW CHART N9/85
(DMAHTC)

E0916 1Ed. 11/10/84 LAST NM N9/85 N45/94
Add R Bn (AERO) 70°00.9′N 126°56.6′W
(17(558)94 Ottawa)

E0916 1Ed. 11/10/84 LAST NM N45/94 N30/97
Delete R Bn (AERO) 70°00.9′N 126°56.6′W
(3(206)97 Ottawa)

★**E1001** 2Ed. 6/4/88 NEW EDITION N35/88
(DMAHTC)

E1001 2Ed. 6/4/88 LAST NM N35/88 N36/96
Delete Legend "Rep (1963)" 1°41′N 92°07′W

Add Legend "Rep to lie 1 mile N (1996)" 1°39′N 92°00′W
(SMEA037/96)

★**E1002** 2Ed. 10/29/88 NEW EDITION N14/89
(DMAHTC)

★**E1004** 1Ed. 5/1/82 NEW CHART N29/82
Change Legend "CATALOG 1-N-S" to
"CATALOG 1-N-A" in upper
right corner of chart

Add R Bn 19°09.3′N 96°08.6′W
(DMAHTC; US CH 28302)

E1004 1Ed. 5/1/82 LAST NM N29/82 N51/90
Delete Depth 80 fathoms 19°56′N 92°24′W
(43(3112)90 Taunton)

E1004 1Ed. 5/1/82 LAST NM N51/90 N31/93
Delete R Bn (AERO) 20°58′N 97°23′W
(9(771)93 Taunton)

E1004 1Ed. 5/1/82 LAST NM N31/93 N46/96
Delete R Bn 22°14.9′N 97°50.1′W
19°09.3′N 96°08.6′W

R Bn (AERO) 20°12.5′N 96°45.0′W
18°39.0′N 91°48.1′W
(GIMM049/96)

★**E1005** 1Ed. 5/8/82 NEW CHART N30/82
Delete Buoy 26°00′N 90°00′W

Relocate Buoy (26°00′N 93°30′W) to 26°00′N 93°24′W
(DMAHTC; 15/80 CG8)

E1005 1Ed. 5/8/82 LAST NM N30/82 N14/84
Add Wreck (PA) 27°49′00″N 90°45′30″W
(10/84 CG8)

E1005 1Ed. 5/8/82 LAST NM N14/84 N36/85
Relocate Buoy (26°00′N 93°24′W) to 25°58′00″N 93°32′24″W
(34/85 CG8)

E1005 1Ed. 5/8/82 LAST NM N36/85 N22/91
Relocate Superbuoy ODAS (25°58.0′N 93°32.4′W) to
25°55.5′N 93°35.2′W
(MCNM1098/91)

E1005 1Ed. 5/8/82 LAST NM N22/91 N30/91
Add Obstruction "(cov 1443fms)" 25°58.0′N 93°32.4′W
(MCNM1116/91)

E1005 1Ed. 5/8/82 LAST NM N30/91 N26/94
Add Platform 27°32.8′N 92°26.6′W
(MCC1307/94)

E1005 1Ed. 5/8/82 LAST NM N26/94 N11/95
Delete R Bn 26°04′N 97°10′W
(USCG LL)

E1005 1Ed. 5/8/82 LAST NM N11/95 N21/95
Delete R Bn 28°56.6′N 95°18.1′W
(13/95 CG8)

E1005 1Ed. 5/8/82 LAST NM N21/95 N42/96
Delete R Bn 27°50′N 97°04′W
(SMEA009/96)

E1005 1Ed. 5/8/82 LAST NM N42/96 N17/98
Add Platform 27°44.0′N 91°59.6′W
(11/98 CG8)

E1005 1Ed. 5/8/82 LAST NM N17/98 N27/98
Add Platform 27°46.8′N 90°31.1′W
(20/98 CG8)

E1005 1Ed. 5/8/82 LAST NM N27/98 N30/98
Add Platform 28°02.1′N 90°01.4′W
(24/98 CG8)

E1005 1Ed. 5/8/82 LAST NM N30/98 N44/98
Add Wreck (PA) 27°35.0′N 90°45.0′W
(36/98 CG8)

E1005 1Ed. 5/8/82 LAST NM N44/98 N46/98
Add Platform 27°51.5′N 94°52.8′W
27°49.1′N 94°19.1′W
Wreck (PA) 27°51.3′N 94°53.0′W
(40/98 CG8; GIMM001/98)

★**E1016** 1Ed. 11/24/84 NEW CHART N9/85
(DMAHTC)

E1016 1Ed. 11/24/84 LAST NM N9/85 N38/97
Add Platform 70°30.1′N 144°55.6′W
(33/97 CG17)

E1016 1Ed. 11/24/84 LAST NM N38/97 N29/98
Delete R Bn (AERO) 70°29.8′N 149°52.1′W
(NOS)

★**E1101** 2Ed. 11/19/88 NEW EDITION N29/89
(DMAHTC)

★**E1102** 1Ed. 1/2/82 NEW CHART N15/82
(DMAHTC)

E1102 1Ed. 1/2/82 LAST NM N15/82 N33/82
Change Legend "CATALOG 1-N-S" to "CATALOG 1-N-A" in upper right corner of chart
(DMAHTC)

E1102 1Ed. 1/2/82 LAST NM N33/82 N52/82
Add Depth 60 fathoms "Rep (1982)" 5°05′N 108°18′W
(NVS6821/82)

★**E1103** 2Ed. 9/30/89 NEW EDITION N2/90
(DMAHTC)

★**E1104** 1Ed. 1/15/83 NEW CHART N14/83
(DMAHTC)

E1104 1Ed. 1/15/83 LAST NM N14/83 N37/83
Add Depth 165 fathoms "Rep (1983)" 19°11.5′N 105°00.0′W
Legend "(Correct through NM 3/83)" in lower left margin of chart
(NVS7017/83)

E1104 1Ed. 1/15/83 LAST NM N37/83 N39/83
Add Depth 165 fathoms "Rep (1983)" 22°56.0′N 109°31.9′W
(31(2035)83 Taunton)

E1104 1Ed. 1/15/83 LAST NM N39/83 N51/83
Add Depths
51 fathoms "Rep (1983)" 22°16′30″N 106°16′30″W
67 fathoms "Rep (1983)" 22°22′45″N 106°18′15″W
110 fathoms "Rep (1983)" 22°29′30″N 106°20′30″W
(NVS7119/83)

E1104 1Ed. 1/15/83 LAST NM N51/83 N38/85
Add Depth 255 fathoms (PA) 22°44.3′N 107°34.4′W
(HNNM7565/85)

E1104 1Ed. 1/15/83 LAST NM N38/85 N50/85
Add Depth 6 fathoms 1 foot "Rep (1985)" (PA) 19°16.1′N 105°01.0′W
(40(2676)85 Taunton)

E1104 1Ed. 1/15/83 LAST NM N50/85 N52/90
Change Light to Fl(2) 14M 17°16′N 101°03′W
(45(3245)90 Taunton)

★**E1116** 1Ed. 1/19/85 NEW CHART N40/85
(DMAHTC)

E1116 1Ed. 1/19/85 LAST NM N40/85 N29/98
Delete R Bn (AERO) 70°54.5′N 153°15.0′W
Relocate R Bn (AERO) close SW to 71°16.9′N 156°46.9′W
Add R Bn (AERO) 71°17.1′N 156°48.4′W
(NOS)

★**E1201** 1Ed. 3/31/84 NEW CHART N37/84
(DMAHTC)

★**E1202** 1Ed. 2/26/83 NEW CHART N25/83
(DMAHTC)

★**E1203** 1Ed. 3/5/83 NEW CHART N25/83
(DMAHTC)

★**E1204** 1Ed. 5/22/82 NEW CHART N29/82
Add Note in lower right margin of chart
"NOTE
Omega Australia Station G is scheduled to become operational in 1982. Users will be notified by Notice to Mariners and the normal Omega information sources when the station becomes usable for navigation."
(DMAHTC)

E1204 1Ed. 5/22/82 LAST NM N29/82 N39/83
Add Depth 123 fathoms "Rep (1983)" 22°53.0′N 110°06.0′W
(31(2035)83 Taunton)

★**E1205** 1Ed. 6/12/82 NEW CHART N32/82
Change Characteristic of light to Fl(3) 27°27.5′N 111°54.0′W
(DMAHTC; US LL)

E1205 1Ed. 6/12/82 LAST NM N32/82 N1/83
Add Depth 18 fathoms "Rep 1982" (ED) (PA) 23°05.4′N 110°47.6′W
(NVS6828/82)

E1205 1Ed. 6/12/82 LAST NM N1/83 N39/83
Add Depth 25 fathoms "Rep (1983)" 24°19.5′N 110°09.1′W
(31(2034)83 Taunton)

E1205 1Ed. 6/12/82 LAST NM N39/83 N6/84
Add Light Fl(2) 17M (PA) 26°06.2′N 111°17.0′W
(1(109-82)83 Mexico, D.F.; BA LL)

E1205 1Ed. 6/12/82 LAST NM N6/84 N7/84
Add Lights
Fl 12M (PA) 27°10.2′N 110°17.8′W
Fl 15M (PA) 27°57.5′N 111°07.2′W
Fl(2) 15M (PA) 28°53.2′N 112°35.6′W
(3(4-6)83 Mexico, D. F.)

E1205 1Ed. 6/12/82 LAST NM N7/84 N34/84
Add Depth 239 fathoms "Rep (1984)" 23°06.5′N 110°48.0′W
(NVS7302/84)

E1205 1Ed. 6/12/82 LAST NM N34/84 N37/85
Add Depths
66 fathoms "Rep (1985)" (PA) 28°32′00″N 115°30′30″W
65 fathoms "Rep (1985)" (PA) 28°33′00″N 115°33′00″W
(HNNM7553/85)

E1205 1Ed. 6/12/82 LAST NM N37/85 N15/86
Add Depth 96 fathoms "Rep (1986)" 24°45′N 110°10′W
(HNNM7737/86)

E1205 1Ed. 6/12/82 LAST NM N15/86 N43/86
Add Depth 115 fathoms (PA) 28°37.2′N 115°36.8′W
(MCNM7785/86)

★E1301 1Ed. 3/10/84 NEW CHART N39/84
(DMAHTC)

★E1302 1Ed. 12/19/81 NEW CHART N10/82
(DMAHTC)

E1302 1Ed. 12/19/81 LAST NM N10/82 N33/82
Change Legend "CATALOG 1-N-S" to "CATALOG 1-N-A" in upper right corner of chart
(DMAHTC)

★E1303 1Ed. 8/4/79 NEW EDITION N43/79
(DMAHTC)

★E1304 1Ed. 8/18/79 NEW CHART N42/79
(DMAHTC)

★E1305 1Ed. 8/18/79 NEW CHART N42/79
(DMAHTC)

★E1306 1Ed. 9/4/82 NEW CHART N47/82
(DMAHTC)

E1306 1Ed. 9/4/82 LAST NM N47/82 N43/83
Substitute Depth 320 fathoms for 300 fathoms 30°26.7′N 122°45.2′W
(NVS6883/83)

E1306 1Ed. 9/4/82 LAST NM N43/83 N53/88
Add Wreck 33°17.6′N 120°05.9′W
(49/88 CG11)

E1306 1Ed. 9/4/82 LAST NM N53/88 N29/90
Add Superbuoy ODAS "46023" 34°15.2′N 120°39.7′W
(23/90 CG11)

E1306 1Ed. 9/4/82 LAST NM N29/90 N21/91
Add Platform with light flare symbol 34°28.2′N 120°40.9′W

Buoys with light flare symbol 34°16.0′N 120°33.3′W
34°14.1′N 120°20.5′W
34°18.1′N 120°10.5′W
(MCNM1065/90; 16/91 CG11)

E1306 1Ed. 9/4/82 LAST NM N21/91 N23/91
Add Superbuoy ODAS with light flare symbol
34°52.9′N 120°52.1′W
(MCNM1098/91)

E1306 1Ed. 9/4/82 LAST NM N23/91 N16/92
Add Buoy with light flare symbol 34°28.2′N 120°47.1′W
(MCC1157/92)

E1306 1Ed. 9/4/82 LAST NM N16/92 N33/92
Add Superbuoy ODAS "46051" Y, Fl(4) Y 20s
34°28.6′N 120°41.2′W
(29/92 CG11)

E1306 1Ed. 9/4/82 LAST NM N33/92 N33/93
Delete R Bn at light 34°34.5′N 120°38.7′W
(29/93 CG11)

E1306 1Ed. 9/4/82 LAST NM N33/93 N37/93
Add Buoy (mooring) "G" Fl Y 4s Racon
(Priv maintd) 34°27′43″N 120°12′40″W
(32/93 CG11)

E1306 1Ed. 9/4/82 LAST NM N37/93 N42/94
Delete Superbuoy ODAS "46051" 34°28.6′N 120°41.2′W
(33/94 CG11)

E1306 1Ed. 9/4/82 LAST NM N42/94 N46/94
Delete Buoy 34°16.0′N 120°33.3′W
34°14.1′N 120°20.5′W
34°18.1′N 120°10.5′W
(41/91 CG11)

E1306 1Ed. 9/4/82 LAST NM N46/94 N11/95
Add Dashed-line circle with legend
"Subm buoy (cov 216fms)" 34°18.0′N 124°06.1′W
(MCC1395/94)

E1306 1Ed. 9/4/82 LAST NM N11/95 N13/95
Add Superbuoy ODAS with light flare symbol
34°16.1′N 120°26.9′W
(USCG LL)

E1306 1Ed. 9/4/82 LAST NM N13/95 N34/95
Delete Buoy (mooring) "G" 34°27′43″N 120°12′40″W
(29/95 CG11)

E1306 1Ed. 9/4/82 LAST NM N34/95 N40/96
Add Dashed line joining 34°09.0′N 120°00.0′W
34°06.6′N 120°12.7′W
34°11.5′N 120°19.5′W
34°12.4′N 120°25.0′W
34°11.6′N 120°27.6′W
34°12.3′N 120°32.3′W
34°10.9′N 120°36.0′W
34°06.1′N 120°38.5′W
33°57.0′N 120°31.9′W
33°54.8′N 120°22.5′W
33°55.0′N 120°19.4′W
33°50.7′N 120°15.2′W
33°47.6′N 120°06.1′W
33°49.5′N 120°00.0′W

Legend "MARINE SANCTUARY (see note)"
34°03.0′N 120°10.0′W

Note in upper right margin of chart
"NOTE
CHANNEL ISLANDS NATIONAL MARINE
SANCTUARY (protected area: 15 CFR 922)"
(SMEA041/96)

E1306 1Ed. 9/4/82 LAST NM N40/96 N49/96
Delete Superbuoy ODAS "46023" 34°15.2′N 120°39.7′W
(44/96 CG11)

E1306 1Ed. 9/4/82 LAST NM N49/96 N29/97
Add Superbuoy ODAS "46023" Y, Fl(4) Y 20s
34°42.8′N 120°58.0′W
(25/97 CG11)

E1306 1Ed. 9/4/82 LAST NM N29/97 N42/97
Add Superbuoys ODAS, each Y
"46024" QY 34°29′N 120°42′W
"46028" Fl(4) Y 20s 34°44′N 121°52′W
(29/97 CG11)

E1306 1Ed. 9/4/82 LAST NM N42/97 N8/98
Delete Superbuoy ODAS "46028" 34°44′N 121°52′W
(See N42/97-E1306)
(GIMM001/98)

E1306 1Ed. 9/4/82 LAST NM N8/98 N16/98
Delete Superbuoy ODAS "46024" 34°29′N 120°42′W
(See N42/97-E1306)
(35/97 CG11)

E1306 1Ed. 9/4/82 LAST NM N16/98 N48/98
Add Superbuoy ODAS "46063" Y,
Fl(4) Y 20s 34°15.1′N 120°39.9′W
(42/98 CG11)

★**E1307** 1Ed. 3/31/79 NEW CHART N21/79
(DMAHTC)

E1307 1Ed. 3/31/79 LAST NM N21/79 N12/89
Add Dashed-line circle with legend
"Subm buoy (cov 49fms)" 36°20.0′N 122°10.9′W
(MCNM1034/89)

E1307 1Ed. 3/31/79 LAST NM N12/89 N41/89
Add Buoy "B" Y, Fl Y 4s (Priv maintd) 36°41.4′N 122°23.3′W

Dashed-line circle with legend
"Subm buoy (covered 750 fathoms)"
36°42.5′N 122°19.2′W
(36/89 CG11)

E1307 1Ed. 3/31/79 LAST NM N41/89 N5/90
Delete Danger circle
"Subm buoy (cov 49fms)" 36°20.0′N 122°10.9′W
(See N12/89-E1307)

Add Danger circle
"Subm buoy (cov 53fms)" 36°20.1′N 122°10.3′W
"Subm buoy (cov 41fms)" 36°19.9′N 122°27.7′W
"Subm buoy (cov 44fms)" 35°28.3′N 121°45.1′W
(22, 52/89 CG11)

E1307 1Ed. 3/31/79 LAST NM N5/90 N43/90
Add Superbuoy ODAS "46014" Y, Fl(4) Y 10s
39°12.9′N 123°59.1′W
(39/90 CG11, USCG LL)

E1307 1Ed. 3/31/79 LAST NM N43/90 N11/91
Delete Danger circle and legend
"Subm buoy (cov 53fms)" 36°20.1′N 122°10.3′W

Dashed-line circle and legend
"Subm buoy (cov 750fms)" 36°42.5′N 122°19.2′W

Add Danger circle with legend
"Subm buoy (cov 52fms)" 36°19.9′N 122°10.3′W

Dashed-line circle with legend
"Subm buoy (cov 164fms)" 36°49.5′N 122°22.5′W
(22, 41/90 CG11)

E1307 1Ed. 3/31/79 LAST NM N11/91 N23/91
Add Superbuoy ODAS with light flare symbol
36°45.0′N 122°24.5′W
(MCNM1098/91)

E1307 1Ed. 3/31/79 LAST NM N23/91 N25/91
Delete Dashed-line circle and legend
"Subm buoy (cov 52fms)" 36°19.9′N 122°10.3′W
(See N11/91-E1307)

Add Dashed-line circle with legend
"Subm buoy (cov 53fms)" 36°20.2′N 122°10.4′W
(MCNM1108/91)

E1307 1Ed. 3/31/79 LAST NM N25/91 N30/91
Add Wreck (PA) 35°05.4′N 120°43.6′W

Obstructions
"(cov 263fms)" 36°45.9′N 122°13.5′W
"(cov 231fms)" 36°46.5′N 122°12.5′W
(MCNM1116/91; 24/91 CG11)

E1307 1Ed. 3/31/79 LAST NM N30/91 N35/92
Relocate Superbuoy ODAS "46014" close NE to
39°13.2′N 123°58.3′W
and change period to 20s

Add Superbuoy ODAS "46013" Y, Fl(4) Y 20s
38°13.6′N 123°17.9′W
(27/92 CG11)

E1307 1Ed. 3/31/79 LAST NM N35/92 N3/94
Delete R Bn at light 35°40.9′N 121°16.4′W
(50/93 CG11)

E1307 1Ed. 3/31/79 LAST NM N3/94 N5/94
Delete R Bn at light 37°59.7′N 123°01.0′W
(51/93 CG11)

E1307 1Ed. 3/31/79 LAST NM N5/94 N16/94
Delete R Bn at light 36°18.4′N 121°54.0′W
36°38.0′N 121°55.2′W
(10/94 CG11)

E1307 1Ed. 3/31/79 LAST NM N16/94 N18/94
Delete R Bn at light 37°42.8′N 123°00.0′W
(12/94 CG11)

E1307 1Ed. 3/31/79 LAST NM N18/94 N21/94
Add Superbuoy ODAS "46026" Y,
Fl(4) Y 20s 37°44.7′N 122°49.3′W
(16/94 CG11)

E1307 1Ed. 3/31/79 LAST NM N21/94 N29/94
Delete R Bn at light 38°57.3′N 123°43.9′W
(23/94 CG11)

E1307 1Ed. 3/31/79 LAST NM N29/94 N50/94
Change Visibility (range) of light to 20M 37°43.0′N 123°00.0′W

Add Superbuoy ODAS "46059" Fl(4) Y 37°59.0′N 129°59.8′W
(43/94 CG11)

E1307 1Ed. 3/31/79 LAST NM N50/94 N11/95
Delete Obstruction
"(cov 263fms)" 36°45.9′N 122°13.5′W
"(cov 231fms)" 36°46.5′N 122°12.5′W

Add Dashed-line circle with legend
"Subm buoy (cov 49fms)" 36°20.2′N 122°10.2′W
"Subm buoy (cov 44fms)' 37°06.6′N 124°04.6′W
(US CH 18680; MCC1395/94)

E1307 1Ed. 3/31/79 LAST NM N11/95 N23/95
Delete R Bn 37°50′N 122°33′W
(16/95 CG11)

E1307 1Ed. 3/31/79 LAST NM N23/95 N27/95
Delete R Bn at light 37°12.0′N 122°23.7′W
(21/95 CG11)

E1307 1Ed. 3/31/79 LAST NM N27/95 N28/95
Delete R Bn at light 36°57.0′N 122°01.5′W
(23/95 CG11)

E1307 1Ed. 3/31/79 LAST NM N28/95 N29/95
Delete Buoy 37°44′N 122°40′W
37°49′N 123°10′W

R Bn at light 35°21′N 120°52′W
(24/95 CG11; MCC003/95)

E1307 1Ed. 3/31/79 LAST NM N29/95 N34/95
Delete R Bn at light 35°09′N 120°46′W
(29/95 CG11)

E1307 1Ed. 3/31/79 LAST NM N34/95 N45/95
Delete Dashed-line circle and legend
"Subm...49fms)" 36°20.2′N 122°10.2′W
(See N11/95-E1307)

Change Legend at dashed-line circle to
"Subm buoy (cov 49fms)" 36°20.2′N 122°10.4′W
"Subm buoy (cov 46fms)" 36°19.9′N 122°27.7′W
(US CH 18680; MCC050/95)

E1307 1Ed. 3/31/79 LAST NM N45/95 N5/97
Add Buoy (waverider) Y, pillar,
Fl(5) Y 20s (Priv) 37°57′N 123°28′W
(50/96 CG11)

E1307 1Ed. 3/31/79 LAST NM N5/97 N11/97
Add Superbuoy ODAS "46028" Y, Fl(4) Y 20s
35°44.3′N 121°52.5′W
(7/97 CG11)

E1307 1Ed. 3/31/79 LAST NM N11/97 N42/97
Add Superbuoy ODAS "44062" Y, Fl(4) Y 20s
35°06′N 121°01′W
(29/97 CG11)

E1307 1Ed. 3/31/79 LAST NM N42/97 N42/98
Add Dashed-line circle with legend
"Subm buoy (cov 659fms)" 35°45.7′N 122°42.2′W
"Subm buoys (cov 219fms)" 36°17.7′N 122°29.0′W
"Subm buoys (cov 219fms)" 36°16.8′N 122°28.6′W
"Subm buoy (cov 109fms)" 36°16.0′N 122°28.4′W
(GIMM001/98)

★E1401 1Ed. 4/14/84 NEW CHART N37/84
(DMAHTC)

★E1402 1Ed. 12/26/81 NEW CHART N8/82
(DMAHTC)

E1402 1Ed. 12/26/81 LAST NM N8/82 N33/82
Change Legend "CATALOG 1-N-S" to
"CATALOG 1-N-A" in upper
right corner of chart
(DMAHTC)

★E1403 1Ed. 12/26/81 NEW CHART N9/82
(DMAHTC)

E1403 1Ed. 12/26/81 LAST NM N9/82 N33/82
Change Legend "CATALOG 1-N-S" to
"CATALOG 1-N-A" in upper
right corner of chart
(DMAHTC)

★E1404 2Ed. 8/27/88 NEW EDITION N52/88
(DMAHTC)

E1405 2Ed. 6/25/88 NEW EDITION N38/88
(DMAHTC)

★E1501 1Ed. 5/5/84 NEW CHART N37/84
(DMAHTC)

★E1502 1Ed. 3/19/83 NEW CHART N22/83
(DMAHTC)

★E1503 1Ed. 3/26/83 NEW CHART 24/83
(DMAHTC)

★E1504 2Ed. 10/1/88 NEW EDITION N32/89
(DMAHTC)

★E1601 1Ed. 4/21/84 NEW CHART N37/84
Delete Visibility (range) from light 1°58.0′N 157°28.0′W
(DMAHTC; BA LL)

★E1602 1Ed. 6/4/83 NEW CHART N33/83
(DMAHTC)

★E1603 1Ed. 6/5/82 NEW CHART N32/82
(DMAHTC)

★E1607 1Ed. 6/6/81 NEW CHART 30/81
(DMAHTC)

★E1608 1Ed. 1/31/81 NEW CHART N16/81
(DMAHTC)

★E1701 1Ed. 8/4/84 NEW CHART N44/84
(DMAHTC)

E1701 1Ed. 8/4/84 LAST NM N44/84 N19/88
Add Depth 351 fathoms 2°04.9′N 164°25.8′W
(MCNM8091/88)

★E1702 2Ed. 2/11/89 NEW EDITION N19/89
(DMAHTC)

★E1703 1Ed. 5/7/83 NEW CHART N30/83
Add Legend "(Correct through NM 19/83)"
in lower left margin of chart
(DMAHTC)

★E1704 1Ed. 9/18/82 NEW CHART N48/82
(DMAHTC)

E1704 1Ed. 9/18/82 LAST NM N48/82 N23/91
Add Superbuoy ODAS with light flare symbol
19°11.0′N 160°49.2′W
(MCNM1098/91)

E1704 1Ed. 9/18/82 LAST NM N23/91 N33/93
Relocate Superbuoy ODAS "51003"
(19°15.5′N 160°47.3′W) to 19°09.5′N 160°49.3′W
(28/93 CG14)

★E1705 1Ed. 8/14/82 NEW CHART N46/82
(DMAHTC)

E1705 1Ed. 8/14/82 LAST NM N46/82 N23/91
Relocate Superbuoy ODAS close NW to 23°25.1′N 162°20.1′W
(MCNM1098/91)

E1705 1Ed. 8/14/82 LAST NM N23/91 N30/91
Add Obstructions
"(cov 1371fms)" 23°24.0′N 162°18.0′W
"(cov 1454fms)" 23°26.7′N 162°18.0′W
(MCNM1115/91)

★E1707 1Ed. 3/7/81 NEW CHART N20/81
(DMAHTC)

E1707 1Ed. 3/7/81 LAST NM N20/81 N19/88
Add Depth 40 fathoms "Rep (1987)"
(PA) (ED) 36°17.9′N 163°15.9′W
(MCNM8089/88)

★E1707 1Ed. 3/7/81 LAST NM N19/88 N9/98
Add Depth 1813 fathoms 38°46.0′N 162°55.0′W
(GIMM011/98)

★E1712 1Ed. 5/14/83 NEW CHART N31/83
Add Legend "(Correct through NM 20/83)"
in lower left margin of chart
(DMAHTC)

E1712 1Ed. 5/14/83 LAST NM N31/83 N50/96
Add Wreck (PA) 56°48.9′N 162°35.9′W
(45/96 CG17)

★E1713 1Ed. 4/7/90 NEW CHART N28/90
(DMAHTC)

★E1714 1Ed. 3/10/90 NEW CHART N33/90
(DMAHTC)

★E1801 2Ed. 2/11/89 NEW EDITION N27/89
(DMAHTC)

★E1802 2Ed. 4/1/89 NEW EDITION N27/89
(DMAHTC)

★E1803 2Ed. 1/28/89 NEW EDITION N22/89
(DMAHTC)

★E1804 1Ed. 8/7/82 NEW CHART N46/82
(DMAHTC)

★E1806 1Ed. 2/14/81 NEW CHART N17/81
(DMAHTC)

★E1810 1Ed. 9/2/78 NEW CHART N46/78
(DMAHTC)

★E1811 1Ed. 3/28/81 NEW CHART N23/81
(DMAHTC)

★E1812 1Ed. 7/21/79 NEW CHART N38/79
(DMAHTC)

E1812 1Ed. 7/21/79 LAST NM N38/79 N23/91
Add Superbuoy ODAS with light flare symbol 56°57.7′N 177°44.0′W
(MCNM1098/91)

E1812 1Ed. 7/21/79 LAST NM N23/91 N15/95
Add Wreck (PA) 58°18.3′N 174°56.0′W
(8/95 CG17)

★E1901 1Ed. 9/22/79 NEW CHART N45/79
(DMAHTC)

E1901 1Ed. 9/22/79 LAST NM N45/79 N3/93
Add R Bn (AERO) 2°38.7′S 176°49.5′E

Depth 7 fathoms "Rep (1991)" 1°04.7′N 170°30.7′E
(40/92 Brest; MCC1226/93)

E1901 1Ed. 9/22/79 LAST NM N3/93 N4/96
Delete R Bn (AERO) 2°39′S 176°50′E
(BA RA)

E1901 1Ed. 9/22/79 LAST NM N4/96 N25/96
Add R Bn (AERO) 1°28.1′N 173°08.1′E
(BA RA; BA CH 700)

★E1902 1Ed. 6/23/79 NEW CHART N34/79
(DMAHTC)

E1902 1Ed. 6/23/79 LAST NM N34/79 N36/80
Add Danger circle "Breakers (rep 1980)" 6°33.8′N 177°33.0′E
(NVS6210/80)

E1902 1Ed. 6/23/79 LAST NM N36/80 N34/81
Add Depth 7 fathoms "Rep (1978)" 7°07′N 172°45′E
(5(145)78 Tokyo)

E1902 1Ed. 6/23/79 LAST NM N34/81 N2/98
Add R Bn (AERO) 7°04.1′N 171°16.9′E
(GIMM068/97)

★E1903 1Ed. 8/11/79 NEW CHART N42/79
(DMAHTC)

★E1903 1Ed. 8/11/79 LAST NM N42/79 N10/98
Relocate Latitude designation "30′" close S to 15°30.0′N 173°00.0′E
15°30.0′N 177°00.0′E
(GIMM012/98)

★E1904 1Ed. 8/11/79 NEW CHART N42/79
(DMAHTC)

★E1904 1Ed. 8/11/79 LAST NM N42/79 N44/98
Add Depth 950 fathoms "Rep (1998)" 18°24.6′N 177°57.0′E
(GIMM C002/98)

★E1905 1Ed. 6/30/79 NEW CHART N33/79
(DMAHTC)

★E1910 1Ed. 5/2/81 NEW CHART N30/81
(DMAHTC)

★E1911 1Ed. 6/20/81 NEW CHART N32/81
(DMAHTC)

★E1912 1Ed. 8/14/82 NEW CHART N46/82
Delete Note "OMEGA"...1982." in lower right margin of chart
(DMAHTC)

E1912 1Ed. 8/14/82 LAST NM N46/82 N4/91
Delete Depths
49 fathoms 58°57′N 171°16′E
47 fathoms 58°35′N 171°08′E
45 fathoms 58°08′N 171°05′E
(MCNM6951/83)

E1912 1Ed. 8/14/82 LAST NM N4/91 N35/95
Add Depth 216 fathoms 58°20.0′N 170°17.5′E
(29(2343)95 Taunton)

★E1913 1Ed. 5/29/82 NEW CHART N29/82
Add Note in upper left margin of chart
"NOTE
Omega Australia Station G is scheduled to become operational in 1982. Users will be notified by Notice to Mariners and the normal Omega information sources when the station becomes usable for navigation."
(DMAHTC)

★E2001 1Ed. 6/11/83 NEW CHART N37/83
Delete Rock which does not cover (PD) 0°28.5′S 167°12.2′E
(Previously published 36/83)

Add Dotted-line circle with legend "Shoal (rep 1895)" (ED) 0°27.7′S 167°14.9′E
(Previously published 36/83)
(DMAHTC)

E2001 1Ed. 6/11/83 LAST NM N37/83 N24/88
Add Buoys, each orange and white, conical
"ET3" 1°57′N 165°02′E
"ET4" 1°52′S 164°53′E
(53(46)87 Brest)

E2001 1Ed. 6/11/83 LAST NM N24/88 N41/89
Delete Buoys
"ET 3" 1°57′N 165°02′E
"ET 4" 1°52′S 164°53′E
(26(60)89 Brest)

E2001 1Ed. 6/11/83 LAST NM N41/89 N47/95
Delete R Bn (AERO) 0°32′S 166°55′E
(BA RA)

★E2002 1Ed. 8/11/79 NEW CHART N42/79
(DMAHTC)

E2002 1Ed. 8/11/79 LAST NM N42/79 N2/85
Add Danger circle "Breakers Rep (1981)" 6°19.0′N 169°06.0′E
(NVS7373/84)

★E2003 1Ed. 8/25/79 NEW CHART N43/79
(DMAHTC)

★E2009 1Ed. 8/28/82 NEW CHART N47/82
(DMAHTC)

E2009 1Ed. 8/28/82 LAST NM N47/82 N41/83
Change Line 3 of Omega note in upper left margin of chart to "USE DMAHTC PUBS 224(103-C) A, C, D, E, G and H"

Line 6 of Omega note in upper left margin of chart to "Stations: (A-Norway) (C-Hawaii) (D-N.Dakota) (E-Reunion) (G-Australia) (H-Japan)"
(DMAHTC)

★E2010 1Ed. 8/28/82 NEW CHART N47/82
(DMAHTC)

★E2011 1Ed. 6/20/81 NEW CHART N32/81
(DMAHTC)

E2011 1Ed. 6/20/81 LAST NM N32/81 N47/82
Delete Depth 3 fathoms 1 foot 55°49.0′N 162°24.0′E
(NVS6800/82)

E2011 1Ed. 6/20/81 LAST NM N47/82 N6/83
Add Depth 7 fathoms "Rep (1964)" 55°35′N 165°01′E
(USSR CH 1087)

E2011 1Ed. 6/20/81 LAST NM N6/83 N35/95
Add Depth 199 fathoms 55°24.5′N 167°15.0′E
(29(2343)95 Taunton)

E2011 1Ed. 6/20/81 LAST NM N35/95 N24/97
Add "AREA 32 CAUTION NO 3" 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

"AREA 34 CAUTION NO 3" 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

Caution No 3 to CAUTIONS note in upper right margin of chart
"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."
(17(3000)96 St. Petersburg)

★E2012 1Ed. 8/21/82 NEW CHART N46/82
Delete Note "OMEGA...1982." in lower right margin of chart
(DMAHTC)

E2012 1Ed. 8/21/82 LAST NM N46/82 N7/91
Delete Light 56°01.5′N 162°04.1′E

Change Light to L Fl 20M 57°43.5′N 163°18.9′E
(MCNM8074/88)

★E2013 1Ed. 6/19/82 NEW CHART N33/82
(DMAHTC)

E2013 1Ed. 6/19/82 LAST NM N33/82 N19/87
Add Depth 44 fathoms 59°09.0′N 166°09.3′E
(MCNM0002/87)

E2013 1Ed. 6/19/82 LAST NM N19/87 N24/97
Add "AREA 37 CAUTION NO 3" 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

Caution No 3 to CAUTIONS note in upper right margin of chart
"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."
(20(2999)96 St. Petersburg)

★E2102 1Ed. 8/11/79 NEW CHART N41/79
Delete Small purple circles within 100-fathom curve centered 7°25′N 151°50′E

Purple circles
6°49′N 158°10′E
6°50′N 158°17′E
6°51′N 158°20′E
5°17′N 153°40′E
8°10′N 154°16′E
(DMAHTC)

E2102 1Ed. 8/11/79 LAST NM N41/79 N52/83
Add Danger circle "Unexploded ordnance" (PA) 5°24.3′N 153°51.1′E
(NVS7125/83)

E2102 1Ed. 8/11/79 LAST NM N52/83 N31/85
Add Legend "Islets lie 2.8 miles SW" to islets 8°34.5′N 151°22.0′E
(NVS7161/84)

E2102 1Ed. 8/11/79 LAST NM N31/85 N38/86
Change Visibility (range) of light to 6M 7°29.6′N 151°59.0′E
(33/86 CG14)

E2102 1Ed. 8/11/79 LAST NM N38/86 N43/88
Delete Depths
50 fathoms 6°41.0′N 153°47.2′E
70 fathoms 6°36.6′N 153°49.1′E

Substitute Depths
2270 fathoms for 22 fathoms 6°32.4′N 153°50.3′E
750 fathoms for 250 fathoms 5°42.7′N 153°36.5′E
1070 fathoms for 107 fathoms 7°09.2′N 158°25.9′E

Add Depth 500 fathoms 6°46.0′N 153°44.3′E
(MCNM8152/88)

E2102 1Ed. 8/11/79 LAST NM N43/88 N34/93
Delete Legend "Islets lie 2.8 miles SW" 8°34.5′N 151°22.0′E
(MCC1268/93)

E2102 1Ed. 8/11/79 LAST NM N34/93 N41/95
Delete R Bn (AERO) 7°27.2′N 151°50.3′E
6°57.4′N 158°12.8′E
(BA RA)

★E2109 1Ed. 7/11/81 NEW CHART N35/81
Add Dashed-line circle "Volcanic activity rep (1978)" 46°06′N 151°30′E
(DMAHTC; NVS6455/81)

E2109 1Ed. 7/11/81 LAST NM N35/81 N29/85
Add Depth 42 fathoms (PA) 48°18.9′N 154°29.8′E
(HNNM7495/85)

E2109 1Ed. 7/11/81 LAST NM N29/85 N47/86
Delete Light 46°14′N 150°22′E

Add Light Oc 19M 46°14.0′N 150°34.5′E
(16(1197)86 Taunton)

E2109 1Ed. 7/11/81 LAST NM N47/86 N25/96
Add Light
Fl 15M 46°49.6′N 151°52.3′E
Fl 9M 46°13.5′N 150°20.1′E

Danger circle
"Volcanic Activity Rep (1980)" 46°31.8′N 151°46.7′E
(17(1439)96 Taunton; BA LL)

E2109 1Ed. 7/11/81 LAST NM N25/96 N18/97
Add R Bn at light 48°04.8′N 153°18.0′E
(BA RA)

E2109 1Ed. 7/11/81 LAST NM N18/97 N42/97
Delete Depth 44 fathoms 46°32′N 151°25′E
Dashed-line circle "Volcanic...(1978)" 46°06′N 151°30′E

Substitute Depth 725 fathoms for 1130 fathoms 47°04′N 151°09′E

Add Depth
583 fathoms 47°06′N 150°47′E
364 fathoms 46°55′N 150°30′E
238 fathoms 46°35′N 151°51′E
285 fathoms 46°44′N 152°18′E
418 fathoms 45°57′N 151°48′E
322 fathoms 45°46′N 151°04′E
540 fathoms 45°48′N 151°20′E

Legend "SEE CAUTION" 45°40′N 151°20′E

Caution note in lower right margin of chart
"CAUTION
Later date surveys indicate extensive changes in hydrography within this area."
(Rus CH 62247)

★**E2110** 1Ed. 7/25/81 NEW CHART N38/81
Add Depth 36 fathoms 50°29′N 157°32′E
R Bn at light 51°29′N 156°30′E
(DMAHTC; US CH 96028)

E2110 1Ed. 7/25/81 LAST NM N38/81 N50/83
Delete Depth 18 fathoms 49°43.2′N 154°05.3′E

Add Rock which covers and uncovers with legend "(uncovers 2 ft)" 49°42.7′N 154°07.2′E

Islet with legend "Skala Avos' (115ft above mean sea level)" 49°42.2′N 154°06.9′E

Dotted-line circle enclosing above rock and islet
(US CH 96880)

E2110 1Ed. 7/25/81 LAST NM N50/83 N43/84
Delete Depths
2 fathoms 4 feet 49°36.5′N 154°27.7′E
8 fathoms 49°48.8′N 155°11.8′E
6 fathoms 49°37.1′N 156°18.0′E
(29(1897)83 Taunton)

E2110 1Ed. 7/25/81 LAST NM N43/84 N20/86
Delete Light 52°53′N 158°42′E
Note: R Bn remains
(9(687)86 Taunton)

E2110 1Ed. 7/25/81 LAST NM N20/86 N47/86
Change Visibility (range) of light to 25M 52°04.1′N 158°19.9′E

Add Light Fl 20M at R Bn 50°46.0′N 156°12.5′E
(USSR LL)

E2110 1Ed. 7/25/81 LAST NM N47/86 N27/96
Delete R Bn 50°49′N 156°25′E
(BA RA)

E2110 1Ed. 7/25/81 LAST NM N27/96 N35/96
Delete R Bn 50°49′N 156°25′E
Light 52°37′N 158°33′E

Add Light Oc 25M 52°53′N 158°43′E
(BA RA; Rus CH 61036)

E2110 1Ed. 7/25/81 LAST NM N35/96 N44/96
Add Wreck 52°53.0′N 159°59.0′E
Light Fl 10M 52°46.6′N 158°37.4′E
Depth 63 fathoms Obstn 52°56.4′N 159°03.8′E
(SMEA004/96; Rus CH 61036)

E2110 1Ed. 7/25/81 LAST NM N44/96 N18/97
Add R Bn 52°26.0′N 158°31.0′E
(BA RA)

E2110 1Ed. 7/25/81 LAST NM N18/97 N24/97
Add "AREA 23 CAUTION NO 3" area bound purple dashed line joining 50°44′N 155°48′E
50°46′N 155°46′E
50°49′N 155°53′E
50°47′N 155°55′E

Caution No 3 to CAUTIONS note in upper right margin of chart
"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."
(17(3001)96 St. Petersburg)

E2110 1Ed. 7/25/81 LAST NM N24/97 N30/97
Add R Bn 52°37′N 158°27′E
(BA RA; Rus CH 61036)

★**E2111** 1Ed. 9/3/83 NEW CHART N49/83
Delete Light 53°13.5′N 159°45.1′E
(DMAHTC; USSR CH 1087)

★**E2112** 1Ed. 6/25/83 NEW CHART N37/83
(DMAHTC)

★**E2113** 1Ed. 7/23/83 NEW CHART N38/83
Delete R Bn 59°30.3′N 150°33.0′E
(DMAHTC)

★**E2201** 1Ed. 7/7/79 NEW CHART N34/79
(DMAHTC)

E2201 1Ed. 7/7/79 LAST NM N34/79 N34/81
Add Depth 204 fathoms "Rep (1981)" 1°32′S 148°59′E
(26(384)81 Sydney)

E2201 1Ed. 7/7/79 LAST NM N34/81 N25/84
Add Depth 252 fathoms "Rep (1984)" 1°55.8′S 142°25.4′E
(NVS7271/84)

E2201 1Ed. 7/7/79 LAST NM N25/84 N5/85
Add Depths
300 fathoms "Rep (1984)" 2°35.0′S 146°12.5′E
370 fathoms "Rep (1984)" 2°12.5′S 145°05.8′E
312 fathoms "Rep (1984)" 3°00.0′S 147°48.0′E
(21(361)84 Sydney)

E2201 1Ed. 7/7/79 LAST NM N5/85 N17/85
Add Depth 157 fathoms "Rep (1984)" 2°44.1′S 146°57.1′E
(6(91)85 Sydney)

★**E2201** 1Ed. 7/7/79 LAST NM N17/85 N7/86
Add Depth
380 fathoms 1°22.2′S 144°43.0′E
295 fathoms (PA) 2°08.0′S 145°05.5′E
(HNNM7682/86)

E2201 1Ed. 7/7/79 LAST NM N7/86 N41/86
Add Depths
420 fathoms 1°49.0′S 143°59.2′E
274 fathoms 1°51.8′S 144°01.0′E
488 fathoms 1°59.0′S 144°06.0′E
(34(513)86 Sydney)

E2201 1Ed. 7/7/79 LAST NM N41/86 N10/87
Add Depth 367 fathoms (PA) 2°01.5′S 148°48.5′E
(MCNM7909/87)

E2201 1Ed. 7/7/79 LAST NM N10/87 N10/88
Substitute Depth 790 fathoms for 190 fathoms 1°19.3′S 148°52.3′E

Add Legend "(PA)" to depth 200 fathoms 1°37.3′S 146°54.0′E
(MCNM8061/88)

E2201 1Ed. 7/7/79 LAST NM N10/88 N28/95
Delete Depth 27 fathoms "Rep (1965)" 2°04.5′S 145°48.7′E

Legend "Rep (1984)"
Note: Depth remains 2°35.0′S 146°12.5′E

Add Depth
72 fathoms 2°30.1′S 146°49.0′E
8 fathoms 2°18.3′S 146°13.8′E
(17(223)95 Wollongong)

E2201 1Ed. 7/7/79 LAST NM N28/95 N27/97
Add Light symbol 2°19.1′S 140°06.7′E
(GIMM008/97)

★**E2202** 1Ed. 6/23/79 NEW CHART N33/79
(DMAHTC)

E2202 1Ed. 6/23/79 LAST NM N33/79 N44/84
Add Depth 22 fathoms "Rep (1984)" 7°17.1′N 146°54.3′E
(35(2296)84 Taunton)

E2202 1Ed. 6/23/79 LAST NM N44/84 N23/86
Delete Depths
6 fathoms 3 feet 8°05.0′N 146°30.0′E
26 fathoms 8°28.0′N 145°04.0′E
270 fathoms 8°31.4′N 145°02.6′E
10 fathoms "Rep (1948)" PA 7°33.3′N 149°21.0′E

Add Depth 10 fathoms "Rep (1948)" (PA) 7°32.2′N 149°22.0′E
(MCNM7760/86)

E2202 1Ed. 6/23/79 LAST NM N23/86 N48/95
Substitute Depth 185 fathoms for 179 fathoms 6°39′N 142°34′E
(35(2901)95 Taunton)

E2202 1Ed. 6/23/79 LAST NM N48/95 N10/96
Add Depth
16 fathoms 8°24.8′N 148°12.5′E
8 fathoms 4 feet 8°03.4′N 148°33.8′E
(3(201)96 Taunton)

E2202 1Ed. 6/23/79 LAST NM N10/96 N42/96
Add Depth 241 fathoms 9°35.7′N 140°25.8′E
(35(2945)96 Taunton)

★**E2209** 1Ed. 6/27/81 NEW CHART N42/81
(DMAHTC)

E2209 1Ed. 6/27/81 LAST NM N42/81 N35/83
Delete Depth 25 fathoms 45°46.2′N 143°42.7′E
(NVS7001/83)

E2209 1Ed. 6/27/81 LAST NM N35/83 N49/85
Delete Purple dashed line joining 48°41.4′N 144°30.9′E
48°20.1′N 144°30.9′E
48°18.1′N 144°37.1′E

Add Purple dashed-line arc of circle,
radius 12 miles, centered 48°30.2′N 144°37.6′E
lesser arc between 48°41.4′N 144°30.9′E
48°18.1′N 144°37.1′E
(1(27 I-12)85 Leningrad)

E2209 1Ed. 6/27/81 LAST NM N49/85 N19/86
Add Danger circle "Obstr (purse seine)" 46°10.3′N 140°52.0′E
(13(2398)86 Leningrad)

E2209 1Ed. 6/27/81 LAST NM N19/86 N13/90
Change Visibility (range) of light to 22M 48°47′N 141°51′E
(49(9155)89 Leningrad)

E2209 1Ed. 6/27/81 LAST NM N13/90 N6/93
Add Depth 96 fathoms "Rep (1988)" 47°20.7′N 141°37.5′E
(MCC1167/92)

E2209 1Ed. 6/27/81 LAST NM N6/93 N13/96
Add "DANGER AREA NO 20" bound by
purple composite line joining 49°00′N 145°27′E
48°42′N 145°27′E
48°42′N 145°09′E
48°55′N 144°42′E
49°00′N 144°36′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)

E2209 1Ed. 6/27/81 LAST NM N13/96 N33/96
Add Light Fl 9M R Bn 45°25.5′N 147°55.0′E
(27(2251)96 Taunton; BA LL)

E2209 1Ed. 6/27/81 LAST NM N33/96 N39/96
Add Depth 295 fathoms 45°58′N 149°24′E
(17(1439)96 Taunton)

E2209 1Ed. 6/27/81 LAST NM N39/96 N50/96
Delete Depth
85 fathoms 48°41′N 141°02′E
90 fathoms 48°19′N 140°58′E
70 fathoms 48°12′N 141°18′E
80 fathoms 48°06′N 141°03′E
40 fathoms 48°02′N 141°06′E
40 fathoms 47°59′N 141°02′E
101 fathoms 47°42′N 140°17′E

Add Submarine cable joining 49°00′N 141°10′E
48°26′N 141°08′E
47°26′N 140°00′E
(Rus CH 62009)

E2209 1Ed. 6/27/81 LAST NM N50/96 N2/97
Delete "DANGER AREA NO 20" in vicinity 48°50′N 145°20′E
"DANGER AREA NO 42" 47°40′N 143°40′E
(See N13/96-E2209)

Add "AREA NO 20 CAUTION NO 3"bound by
purple dashed line joining 49°00′N 145°27′E
48°42′N 145°27′E
48°42′N 145°09′E
48°55′N 144°42′E
49°00′N 144°36′E

"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 in
upper right margin of chart
"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."
(GIMM059/96)

E2209 1Ed. 6/27/81 LAST NM N2/97 N42/97
Add Depth 961 fathoms 46°14′N 149°46′E
Legend "SEE CAUTION" 46°15′N 149°40′E

(continued on next page)

E2209 (Continued) 42/97
Caution note in lower right margin of chart
"CAUTION
Later date surveys indicate extensive changes in hydrography within this area."
(Rus CH 62274)

★E2210 1Ed. 5/28/83 NEW CHART N31/83
Add Legend "(Correct through NM 22/83)" in lower left margin of chart
(DMAHTC)

E2210 1Ed. 5/28/83 LAST NM N31/83 N52/92
Delete R Bn 50°06′N 140°42′E
(34(5515)92 St. Petersburg)

E2210 1Ed. 5/28/83 LAST NM N52/92 N13/96
Delete R Bn 51°44′N 143°19′E

Add "DANGER AREA NO 17" bound by purple composite line joining
53°00′N 144°44′E
52°58′N 144°44′E
52°58′N 144°07′E
53°00′N 144°07′E

"DANGER AREA NO 20" bound by purple composite line joining
49°00′N 145°27′E
50°00′N 144°47′E
50°32′N 144°35′E
50°32′N 144°00′E
49°00′N 144°40′E

R Bn
49°14′N 143°07′E
49°05′N 142°02′E
51°57′N 143°08′E
(40(5843, 5844)95 St. Petersburg; Rus LL)

E2210 1Ed. 5/28/83 LAST NM N13/96 N2/97
Delete "DANGER AREA NO 17" in vicinity 53°00′N 144°25′E
"DANGER AREA NO 20" 49°30′N 144°40′E
(See N13/96-E2210)

Add "AREA NO 17 CAUTION NO 3" bound by purple dashed line joining
53°00′N 144°44′E
52°58′N 144°44′E
52°58′N 144°07′E
53°00′N 144°07′E

"AREA NO 20 CAUTION NO 3" bound by purple dashed line joining
49°00′N 145°27′E
50°00′N 144°47′E
50°32′N 144°35′E
50°32′N 144°00′E
49°00′N 144°40′E

Caution No 3 to CAUTIONS note in upper right margin of chart
"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."
(GIMM059/96)

★E2211 1Ed. 7/23/83 NEW CHART N45/83
(DMAHTC)

E2211 1Ed. 7/23/83 LAST NM N45/83 N10/92
Relocate R Bn close W to 53°17.7′N 141°24.6′E
(46(7341)91 St. Petersburg)

E2211 1Ed. 7/23/83 LAST NM N10/92 N12/96
Add "DANGER AREA NO 17" bound by purple composite line joining
53°00′N 144°07′E
53°15′N 144°07′E
53°15′N 144°44′E
53°00′N 144°44′E
(40(5843)95 St. Petersburg)

E2211 1Ed. 7/23/83 LAST NM N12/96 N2/97
Delete "DANGER AREA NO 17" in vicinity 53°10′N 144°25′E
(See N12/96-E2211)

Add "AREA NO 17 CAUTION NO 3" bound by purple dashed line joining
53°00′N 144°07′E
53°15′N 144°07′E
53°15′N 144°44′E
53°00′N 144°44′E

Caution No 3 to CAUTIONS note in upper right margin of chart
"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."
(GIMM059/96)

E2211 1Ed. 7/23/83 LAST NM N2/97 N22/97
Substitute Light for radiobeacon
Fl 17M R Bn 53°57.0′N 140°19.1′E
L Fl 22M R Bn 53°17.7′N 141°24.6′E
Fl 24M R Bn 54°25.1′N 142°43.3′E
(BA LL)

★E2212 1Ed. 7/1/78 NEW CHART N34/78
(DMAHC)

★E2215 1Ed. 4/11/81 NEW CHART N23/81
(DMAHTC)

E2215 1Ed. 4/11/81 LAST NM N23/81 N16/95
Add Depth 65 fathoms Obstn 69°52.1′N 41°20.5′E
(50(7178)94 St. Petersburg)

E2215 1Ed. 4/11/81 LAST NM N16/95 N36/95
Add Danger circle "Obstn" 69°31.0′N 36°26.0′E

Wreck 69°23.0′N 40°50.0′E
(Rus CH 11114)

★E2217 1Ed. 12/19/81 NEW CHART N13/82
(DMAHTC)

★E2301 1Ed. 7/28/79 NEW CHART N39/79
(DMAHTC)

E2301 1Ed. 7/28/79 LAST NM N39/79 N52/80
Add "Explosives Dumping Area" bound by purple dashed line joining
0°40′S 136°20′E
0°40′S 136°25′E
0°45′S 136°25′E
0°45′S 136°20′E
(40(434)80 Jakarta)

E2301 1Ed. 7/28/79 LAST NM N52/80 N14/87
Delete Dangerous submerged rock (ED) 2°54′N 132°30′E
(MCNM7930/87)

E2301 1Ed. 7/28/79 LAST NM N14/87 N31/90
Add Depth 35 fathoms "Rep (1983)" 2°41.5′S 130°01.8′E
(Indo CH 406)

E2301 1Ed. 7/28/79 LAST NM N31/90 N14/93
Add Legend "Rep to lie 1 mile E (1992)" 0°56.0′N 134°30.0′E
(45(3333)92 Taunton)

E2301 1Ed. 7/28/79 LAST NM N14/93 N16/93
Add Depth 16 fathoms "Rep (1985)" 0°05.0′N 135°08.0′E
(50(60)92 Brest)

E2301 1Ed. 7/28/79 LAST NM N16/93 N44/96
Delete R Bn (AERO) 1°11′S 136°06′E
(BA RA)

E2301 1Ed. 7/28/79 LAST NM N44/96 N1/97
Add Light Fl 2°00.3′S 139°14.5′E
(GIMM058/96)

★**E2302** 1Ed. 9/1/79 NEW CHART N45/79
Delete Depth 15 fathoms 9°51.3′N 139°57.5′E

Add Depth 2 fathoms 3 feet 9°48′27″N 139°57′52″E
(RS2791/77)

E2302 1Ed. 9/1/79 LAST NM N45/79 N45/83
Relocate Tobi Island close W to 3°00.4′N 131°07.4′E
(NVS7086/83)

E2302 1Ed. 9/1/79 LAST NM N45/83 N5/87
Add Buoy "(Fishing)", orange, Ra Ref 9°21.5′N 138°58.0′E
(MCNM7873/87)

E2302 1Ed. 9/1/79 LAST NM N5/87 N16/93
Add Depth 22 fathoms "Rep (1988)" 3°35.0′N 133°57.0′E
(50(60)92 Brest)

E2302 1Ed. 9/1/79 LAST NM N16/93 N42/96
Add Depth
222 fathoms 7°57.7′N 137°19.0′E
369 fathoms 7°44.3′N 137°03.0′E
(35(2945)96 Taunton)

★**E2307** 1Ed. 7/18/81 NEW CHART N36/81
(DMAHTC)

E2307 1Ed. 7/18/81 LAST NM N36/81 N4/85
Change Light to Oc(2) 15M 35°33.0′N 135°40.0′E
(51(1570)84 Tokyo)

E2307 1Ed. 7/18/81 LAST NM N4/85 N44/86
Substitute Depth 5¼ fathoms for 6 fathoms 36°13.0′N 135°44.1′E
(35(1033)86 Tokyo)

E2307 1Ed. 7/18/81 LAST NM N44/86 N11/93
Delete R Bn 37°50.1′N 138°52.3′E
(MCC1231/93)

E2307 1Ed. 7/18/81 LAST NM N11/93 N33/93
Add Wreck 37°21′N 135°02′E
(MCC1265/93)

E2307 1Ed. 7/18/81 LAST NM N33/93 N4/94
Change Visibility (range) of light to 18M 37°31′N 130°48′E
37°29′N 130°55′E

Add Submarine cable joining 37°15.1′N 130°00.0′E
37°16.0′N 130°05.0′E
37°16.7′N 130°19.3′E
37°20.2′N 130°35.9′E
37°21.7′N 130°45.3′E
37°24.0′N 130°49.0′E
37°25.2′N 130°50.9′E
37°27.6′N 130°52.2′E
(34(345)93 Inchon; ROK LL)

E2307 1Ed. 7/18/81 LAST NM N4/94 N44/94
Add Superbuoy ODAS, red and yellow, Fl 37°54′N 134°31′E
(47(1828)93 Tokyo)

E2307 1Ed. 7/18/81 LAST NM N44/94 N10/95
Add Submarine cable joining 37°10.0′N 130°13.5′E
37°20.9′N 130°11.0′E
37°29.5′N 130°08.6′E
37°59.8′N 137°59.8′E
38°39.8′N 137°55.2′E
(3(46)95 Inchon)

E2307 1Ed. 7/18/81 LAST NM N10/95 N51/95
Delete Superbuoy ODAS 37°54′N 134°31′E

Add Superbuoy ODAS with Ra Ref 37°55′N 134°32′E
(45(1979)95 Tokyo)

E2307 1Ed. 7/18/81 LAST NM N51/95 N22/96
Delete R Bn 35°09′N 139°39′E
(16(32)96 Tokyo)

E2307 1Ed. 7/18/81 LAST NM N22/96 N23/96
Add Light Fl 17M 37°14.9′N 131°52.3′E
(US CH 95016; ROK LL)

E2307 1Ed. 7/18/81 LAST NM N23/96 N40/96
Change Light to Fl 23M 35°34.0′N 133°19.4′E
(Jpn CH 116; Jpn LL)

E2307 1Ed. 7/18/81 LAST NM N40/96 N4/97
Change Visibility (range) of light to 27M 36°03.7′N 132°57.5′E
(49(2325)96 Tokyo)

E2307 1Ed. 7/18/81 LAST NM N4/97 N5/97
Change Light to
Fl 18M 36°12.3′N 133°11.8′E
Fl 23M 39°11.9′N 139°33.9′E
(50(2342), 52(2403)96 Tokyo)

E2307 1Ed. 7/18/81 LAST NM N5/97 N24/97
Add R Bn 35°08.5′N 139°39.2′E
(14(22)97 Tokyo)

★**E2308** 2Ed. 5/9/92 NEW EDITION N34/92
Delete Light symbol 42°50.9′N 132°19.5′E
(DMAHTC; BA LL)

E2308 2Ed. 5/9/92 LAST NM N34/92 N11/93
Delete R Bn at lights 42°03.3′N 139°27.1′E
40°00.1′N 139°42.3′E

(MCC1231/93)

E2308 2Ed. 5/9/92 LAST NM N11/93 N36/94
Delete Depth 146 fathoms 41°06′N 130°27′E
(MCC1378/94)

E2308 2Ed. 5/9/92 LAST NM N36/94 N18/97
Add R Bn 43°01.1′N 131°56.7′E
(BA RA)

★**E2309** 1Ed. 6/19/82 NEW CHART N33/82
Change Light to Iso 16M R Bn 47°19.0′N 138°59.5′E
(DMAHTC; US LL)

E2309 1Ed. 6/19/82 LAST NM N33/82 N47/86
Change Light to Fl 17M 45°23′N 137°08′E
(BA LL)

★**E2401** 1Ed. 9/1/79 NEW CHART N44/79
Relocate Light 1 mile W to 1°23.6′N 125°09.8′E

Substitute Depth 9 fathoms "Rep (1974)" (PA) for
15 fathoms "Rep (1975)" 2°14.2′S 129°46.7′E

Change Visibility (range) of light to 15M 1°30.0′N 124°50.0′E

Add Depths
138 fathoms in 0°37.3′N 128°49.7′E
25 fathoms "Rep (1977)" 2°00.0′S 125°18.1′E
(DMA; Ind CH; 19,28/79Tntn; NVS5046/79; (424)77Jkrt)

E2401 1Ed. 9/1/79 LAST NM N44/79 N5/80
Add Dangerous submerged rock (ED) 2°15.5′S 122°48.8′E
Depth 218 fathoms "Rep (1979)" 1°12.3′S 129°10.0′E
(33(1975, 1976)79 Taunton)

E2401 1Ed. 9/1/79 LAST NM N5/80 N37/80
Add Depths
117 fathoms "Rep (1980)" 0°18.1′N 129°42.0′E
159 fathoms "Rep (1980)" 0°22.0′N 129°41.5′E
(29(1595)80 Taunton)

E2401 1Ed. 9/1/79 LAST NM N37/80 N52/80
Add "Explosives Dumping Area" bound by purple dashed line
joining 1°35′N 124°30′E
1°35′N 124°35′E
1°40′N 124°35′E
1°40′N 124°30′E

joining 1°16′N 125°23′E
1°16′N 125°28′E
1°13′N 125°28′E
1°13′N 125°23′E
(39(422)80 Jakarta)

E2401 1Ed. 9/1/79 LAST NM N52/80 N17/81
Add Depth 90 fathoms enclosed by depth contour (100-fathom) 2°49.0′S 125°41.0′E
(10(566)81 Taunton)

E2401 1Ed. 9/1/79 LAST NM N17/81 N23/82
Add Depth 55 fathoms "Rep (1976)" 0°07.5′N 129°01.5′E
(48(2413)76 Taunton)

E2401 1Ed. 9/1/79 LAST NM N23/82 N36/82
Add Depth 19 fathoms 2°00.5′S 124°11.4′E
(10(611)82 Taunton)

E2401 1Ed. 9/1/79 LAST NM N36/82 N39/83
Add Light Fl 20M 1°19.4′N 125°04.1′E
(31(2029)83 Taunton)

E2401 1Ed. 9/1/79 LAST NM N39/83 N21/85
Add Lights
Fl R 8M 2°03.5′S 125°59.3′E
Fl(2) 15M 1°31.4′S 128°44.9′E
(12(857, 858)85 Taunton)

E2401 1Ed. 9/1/79 LAST NM N21/85 N42/85
Delete Depth 35 fathoms 2°03.0′N 125°16.1′E

Add Depths
32 fathoms "Rep (1985)" 2°03.1′N 125°16.4′E
35 fathoms "Rep (1982)" 2°05.0′N 125°15.8′E
34 fathoms "Rep (1976)" 2°03.3′N 125°15.0′E
(17(1022)82, 34(2273)85 Taunton)

E2401 1Ed. 9/1/79 LAST NM N42/85 N16/86
Add Light Fl 12M 2°21.3′N 125°17.8′E
(3(241)86 Taunton)

E2401 1Ed. 9/1/79 LAST NM N16/86 N21/88
Add Light Fl(3) 20M 1°49.2′S 126°29.0′E
(10(77)88 Jakarta)

E2401 1Ed. 9/1/79 LAST NM N21/88 N33/89
Add R Bn at light 1°53.5′N 125°05.5′E
(23(193)89 Jakarta)

E2401 1Ed. 9/1/79 LAST NM N33/89 N15/93
Add Depth 7 fathoms 3 feet "Rep (1993)" 0°07.3′N 126°55.5′E
(7(49)93 Jakarta; 8(668)93 Taunton)

E2401 1Ed. 9/1/79 LAST NM N15/93 N33/93
Add Rock which does not cover "Rep (1990)" 2°08′S 128°32′E
(MCC1265/93)

E2401 1Ed. 9/1/79 LAST NM N33/93 N29/95
Add Depth 135 fathoms "Rep (1995)" 1°50.0′S 129°14.0′E
(19(1555)95 Taunton)

★**E2403** 1Ed. 5/29/82 NEW CHART N32/82
(DMAHTC)

E2403 1Ed. 5/29/82 LAST NM N32/82 N10/84
Add Depth 30 fathoms "Rep (1984)" 13°06.4′N 122°10.6′E
(NVS7196/84)

E2403 1Ed. 5/29/82 LAST NM N10/84 N13/87
Add Depth 76 fathoms 10°10.6′N 121°32.1′E
(Jpn CH 1608)

E2403 1Ed. 5/29/82 LAST NM N13/87 N40/88
Delete Depths
15 fathoms 12°24.5′N 121°53.0′E
14 fathoms 11°32.0′N 121°20.0′E
59 fathoms 11°00.5′N 126°01.5′E
(MCNM8116/88)

E2403 1Ed. 5/29/82 LAST NM N40/88 N8/90
Change Light to Fl 20M 12°45′N 124°17′E
(49(1734)89 Tokyo)

E2403 1Ed. 5/29/82 LAST NM N8/90 N24/95
Add Depth 86 fathoms 10°05.4′N 120°07.8′E
(15(1279)95 Taunton)

E2403 1Ed. 5/29/82 LAST NM N24/95 N40/95
Change Characteristic of light to Oc 13°53.6′N 120°01.7′E
(33(2756)95 Taunton)

E2403 1Ed. 5/29/82 LAST NM N40/95 N15/96
Delete Depth 12 fathoms 12°37.1′N 120°34.5′E

Add Depth 2 fathoms 2 feet 12°37.1′N 120°35.3′E
(9(787)96 Taunton)

E2403 1Ed. 5/29/82 LAST NM N15/96 N35/96
Change Light to Fl(3) 23M 14°23′N 120°35′E
(BA LL)

E2403 1Ed. 5/29/82 LAST NM N35/96 N37/96
Change Visibility (range) of light to 18M 11°20.4′N 124°06.6′E
(BA LL)

★**E2404** 1Ed. 5/29/82 NEW CHART N29/82
Change Light to Al Fl WR 5s 25M 18°34.0′N 122°07.5′E
(DMAHTC; US LL)

E2404 1Ed. 5/29/82 LAST NM N29/82 N39/83
Delete R Bn (AERO) 18°10.7′N 120°31.4′E
(BA RA)

E2404 1Ed. 5/29/82 LAST NM N39/83 N12/84
Substitute Islet for danger circle and purple circle 21°45.8′N 120°49.0′E
(Twn CH 0307)

E2404 1Ed. 5/29/82 LAST NM N12/84 N4/85
Delete Depth 7 fathoms 21°11.5′N 120°53.0′E
(NVS7381/85)

E2404 1Ed. 5/29/82 LAST NM N4/85 N29/86
Add Depth 22 fathoms 21°10.4′N 120°52.3′E
(NVS7382/85)

E2404 1Ed. 5/29/82 LAST NM N29/86 N51/86
Add Wreck (PA) 22°00.1′N 122°53.0′E
(53/86 Tso-ying)

E2404 1Ed. 5/29/82 LAST NM N51/86 N32/88
Add R Bn at light 22°40.1′N 121°28.0′E
(21(1618)88 Taunton)

E2404 1Ed. 5/29/82 LAST NM N32/88 N11/89
Substitute Depth 1400 fathoms for 14 fathoms 21°41.9′N 122°10.0′E
(MCNM1028/89)

E2404 1Ed. 5/29/82 LAST NM N11/89 N40/90
Add Depth 17 fathoms 20°06.0′N 121°50.0′E
(17(1316)90 Taunton)

E2404 1Ed. 5/29/82 LAST NM N40/90 N17/93
Add R Bn 22°05′N 121°30′E
(11/93 Tso-ying)

E2404 1Ed. 5/29/82 LAST NM N17/93 N45/95
Delete Danger circle "Breakers Rep (1950)" 21°22′N 120°49′E
(MCC036/95)

E2404 1Ed. 5/29/82 LAST NM N45/95 N50/95
Delete Depth 15 fathoms 21°30′N 120°55′E
(MCC034/95)

E2404 1Ed. 5/29/82 LAST NM N50/95 N5/96
Add Depth 16 fathoms 20°02.1′N 121°51.3′E
(47(3888)95 Taunton)

E2404 1Ed. 5/29/82 LAST NM N5/96 N38/96
Add Submarine cable joining 22°03′N 120°35′E
21°54′N 120°29′E
21°52′N 120°29′E
21°37′N 120°47′E
21°29′N 121°02′E
(SMEA005/96)

E2404 1Ed. 5/29/82 LAST NM N38/96 N48/96
Add Depth 180 fathoms "Rep (1996)" 19°13′N 121°14′E
(GIMM C02/96)

★**E2405** 1Ed. 8/21/82 NEW CHART N40/82
Delete Light 27°19.5′N 128°34.2′E
Legend "Fl(2) 22M" 27°23.4′N 128°27.5′E

Note "OMEGA...operation" in lower right margin of chart

Change Light to Fl(3) 11M 26°22.8′N 120°29.7′E

Visibility (range) of light
to 24M 26°44.8′N 128°19.8′E
19M 27°52.7′N 128°53.6′E
18M 27°26.8′N 128°42.0′E
27°53.3′N 128°58.3′E
(DMAHTC; Jpn LL; Cna LL)

E2405 1Ed. 8/21/82 LAST NM N40/82 N42/82
Change Visibility (range) of light to 18M 27°53.3′N 128°58.3′E
(See 40/82-E2405)
(Jpn LL)

E2405 1Ed. 8/21/82 LAST NM N42/82 N48/82
Delete Depths 1
fathoms "Rep (1962)" 27°20.6′N 129°07.5′E
8 fathoms 4 feet "Rep (1962)" 27°18.5′N 129°06.3′E
15 fathoms "ED Rep (1960)" 27°15.0′N 129°02.1′E
15 fathoms "Rep (1955)" 27°12.8′N 127°29.0′E
5 fathoms 5 feet "Rep (1961)" 26°55.0′N 127°30.4′E
5 fathoms "Rep (1961)" 26°49.8′N 127°29.2′E
7 fathoms "Rep (1960)" 25°04.0′N 126°12.5′E
(41(1199)82 Tokyo)

E2405 1Ed. 8/21/82 LAST NM N48/82 N42/83
Delete Sonar confirmed non-submarine contact symbol 25°10.4′N 121°22.5′E
(35(2255)83 Taunton)

E2405 1Ed. 8/21/82 LAST NM N42/83 N10/84
Delete Depth 10 fathoms "Rep (1968)" 26°05.4′N 128°10.0′E
(3(76)84 Tokyo)

E2405 1Ed. 8/21/82 LAST NM N10/84 N25/84
Add Wreck 24°36.9′N 121°55.2′E
(15/84 Tso-ying)

E2405 1Ed. 8/21/82 LAST NM N25/84 N36/84
Add Dangerous submerged rock (ED) 27°47′N 125°14′E
(26(844)84 Tokyo)

E2405 1Ed. 8/21/82 LAST NM N36/84 N39/84
Add Depth 10 fathoms 5 feet Wk (unsurveyed) (PA) 27°00.0′N 121°11.0′E
(31(2044)84 Taunton)

E2405 1Ed. 8/21/82 LAST NM N39/84 N50/84
Delete Depth 12 fathoms "Rep (1946)" 25°40.1′N 127°35.2′E
(38(1214)84 Tokyo)

E2405 1Ed. 8/21/82 LAST NM N50/84 N3/85
Delete Dangerous submerged rock (ED) 27°47′N 125°14′E
(Supersedes N36/84-E2405)
(48(1501)84 Tokyo)

E2405 1Ed. 8/21/82 LAST NM N3/85 N8/85
Add Depths
265 fathoms "Rep (1984)" (PA) 24°16.0′N 122°42.3′E
279 fathoms "Rep (1984)" (PA) 24°34.0′N 122°53.5′E
(NVS7392/85)

E2405 1Ed. 8/21/82 LAST NM N8/85 N15/85
Change Light to Iso 21M 24°36.4′N 124°19.0′E
(8(195)85 Tokyo)

E2405 1Ed. 8/21/82 LAST NM N15/85 N17/85
Change Light to Iso 18M 24°28.0′N 123°48.9′E
(10(251)85 Tokyo)

E2405 1Ed. 8/21/82 LAST NM N17/85 N18/85
Add Buoys, each Mo(U) 16s
"1" 27°06.0′N 129°23.0′E
"2" 27°18.8′N 129°16.8′E
"3" 27°12.1′N 129°38.7′E
"4" 26°52.8′N 129°29.3′E
"5" 27°00.5′N 129°08.5′E
Submarine cable between 27°06.0′N 129°23.0′E
26°38.9′N 128°21.1′E
(NVS7436/85)

E2405 1Ed. 8/21/82 LAST NM N18/85 N19/85
Add Depth 293 fathoms "Rep (1985)" (PA) 24°10.6′N 122°37.3′E
(NVS7449/85)

E2405 1Ed. 8/21/82 LAST NM N19/85 N25/85
Substitute Depth 41 fathoms "Rep (1985)" for 53 fathoms "Rep (1965)" 27°50′30″N 128°02′18″E
(HNNM7471/85)

E2405 1Ed. 8/21/82 LAST NM N25/85 N33/85
Delete Depths
14 fathoms "Rep (1978)" 28°07′N 126°47′E
24 fathoms "Rep (1945)" 27°11′N 126°08′E
9 fathoms 5 feet "(Rep 1946)" 25°35′N 126°13′E
(27(825)85 Tokyo)

E2405 1Ed. 8/21/82 LAST NM N33/85 N37/85
Add Depths
62 fathoms 24°33.0′N 122°13.8′E
258 fathoms "Rep (1985)" (PA) 28°33.7′N 128°11.5′E
(29(1911)85 Taunton; HNNM7522/85)

E2405 1Ed. 8/21/82 LAST NM N37/85 N2/86
Substitute Depth 78 fathoms for 94 fathoms 28°52.5′N 129°32.0′E
(47(1402)85 Tokyo)

E2405 1Ed. 8/21/82 LAST NM N2/86 N8/86
Change Light to Iso 19M 26°42.0′N 128°01.0′E
(50(1466)85 Tokyo)

E2405 1Ed. 8/21/82 LAST NM N8/86 N15/86
Delete Depths
24 fathoms "Rep (1964)" 25°44.1′N 126°36.5′E
12 fathoms "Rep (1951)" 25°56.5′N 127°19.2′E
13 fathoms "Rep (1964)" 27°23.0′N 125°56.0′E
12 fathoms 26°49.0′N 125°20.0′E
30 fathoms 25°49.5′N 126°34.7′E
(6(148)86 Tokyo; Jpn CH 1004A; 16(104)85 Cna)

E2405 1Ed. 8/21/82 LAST NM N15/86 N41/86
Add Dashed-line circle with legend 26°06.9′N 127°57.8′E
"Discol water (1986)"
(MCNM7818/86)

E2405 1Ed. 8/21/82 LAST NM N41/86 N42/86
Add Depth 67 fathoms "Rep (1986)" 27°30.3′N 127°43.3′E
(MCNM7822/86)

E2405 1Ed. 8/21/82 LAST NM N42/86 N47/86
Delete Depth 23 fathoms 28°15.0′N 126°59.0′E
(Jpn CH 1004A)

E2405 1Ed. 8/21/82 LAST NM N47/86 N48/86
Add Superbuoy "ODAS", Fl Ra Ref 28°12′N 126°21′E
(39(1173)86 Tokyo)

E2405 1Ed. 8/21/82 LAST NM N48/86 N2/87
Add Depth 12 fathoms "Rep (1986)" 25°38.9′N 122°32.8′E
(39(2836)86 Taunton)

E2405 1Ed. 8/21/82 LAST NM N2/87 N11/87
Change Light to Iso 22M 24°03.1′N 123°47.4′E
(2(55)87 Tokyo)

E2405 1Ed. 8/21/82 LAST NM N11/87 N30/87
Delete Danger circle "Obstr Rep (1938)" 28°52.0′N 128°59.0′E

Add Depth 1 fathom 1 foot 28°51.0′N 128°58.3′E
(18(545)87 Tokyo)

E2405 1Ed. 8/21/82 LAST NM N30/87 N45/87
Add Submarine cable joining 26°44.0′N 127°58.0′E
26°47.2′N 127°58.6′E
27°15.2′N 128°23.3′E
27°13.0′N 128°39.0′E
27°13.0′N 128°57.5′E
27°30.0′N 129°22.0′E
(32(895)87 Tokyo)

E2405 1Ed. 8/21/82 LAST NM N45/87 N52/87
Relocate Superbuoy ODAS close S to 28°10′N 126°20′E
(41(1190)87 Tokyo)

E2405 1Ed. 8/21/82 LAST NM N52/87 N4/88
Change Lights to
Fl(2) 20M 28°28.0′N 129°37.0′E
Iso 19M 28°17.0′N 129°56.1′E
(48(1377, 1378)87 Tokyo)

E2405 1Ed. 8/21/82 LAST NM N4/88 N8/88
Add Dashed-line circle
"Discol water Rep (1987)" 27°41.0′N 128°20.5′E
(46(3494)87 Taunton)

E2405 1Ed. 8/21/82 LAST NM N8/88 N18/88
Delete Light 26°22.0′N 126°43.0′E

Add Light Iso 20M 26°22.1′N 126°43.9′E
(8(249)88 Tokyo)

E2405 1Ed. 8/21/82 LAST NM N18/88 N51/88
Delete Depths
5 fathoms "Rep (1923)" 25°50.5′N 120°39.0′E
12 fathoms "Rep (1905)" 25°28.5′N 120°19.0′E
8 fathoms "Rep (1954)" 25°26.5′N 120°07.5′E
17 fathoms "Rep (1953)" 25°24.0′N 120°07.0′E
10.5 fathoms "Rep (1929)" 25°22.0′N 120°01.0′E
9.5 fathoms 25°29.0′N 120°25.5′E
15 fathoms 26°06.0′N 120°42.0′E

Dotted-line circle and legend
"Rep (1920)" 25°53.5′N 120°27.9′E
(13(73)88 Tianjin; Cna CH 9201)

E2405 1Ed. 8/21/82 LAST NM N51/88 N19/89
Delete Buoy "2" 27°19.0′N 129°16.9′E
(MCNM1054/89)

E2405 1Ed. 8/21/82 LAST NM N19/89 N19/90
Delete Light 25°09′N 121°44′E

Change Visibility (range) of light to 14M 25°12′N 121°47′E
(15, 17/90 Tso-ying)

★**E2405** 1Ed. 8/21/82 LAST NM N19/90 N9/93
Add Depth 26 fathoms 26°24.4′N 125°04.2′E
(MCC1167/92)

E2405 1Ed. 8/21/82 LAST NM N9/93 N45/94
Add Light symbol 28°04′N 121°32′E
(14(103)94 Tianjin)

E2405 1Ed. 8/21/82 LAST NM N45/94 N9/95
Add Dangerous wreck "Rep (1994)" 27°14′N 121°01′E
(18(121)94 Tianjin)

E2405 1Ed. 8/21/82 LAST NM N9/95 N11/95
Add Depth 216 meters "Rep (1995)" 28°30.9′N 128°10.5′E
(MCC C04/95)

E2405 1Ed. 8/21/82 LAST NM N11/95 N16/95
Add Danger circle "Explosives" 26°03.0′N 120°05.1′E
(Cna CH 9310)

E2405 1Ed. 8/21/82 LAST NM N16/95 N37/95
Add Superbuoy Mo(U) 8s Ra Ref 24°27.6′N 125°06.6′E
25°59.5′N 128°00.5′E
(29(1246), 31(1339)95 Tokyo)

E2405 1Ed. 8/21/82 LAST NM N37/95 N2/96
Delete Islet and legend "TAISHO-JIMA' 25°54.2′N 124°34.0′E

Add Islet with legend "SEKIBI-SHO" 25°55.2′N 124°33.4′E
(Jpn CH 1203)

E2405 1Ed. 8/21/82 LAST NM N2/96 N14/96
Add Wreck 25°14.4′N 121°44.2′E
25°41.9′N 121°39.5′E
(12, 14/96 Tso-ying)

E2405 1Ed. 8/21/82 LAST NM N14/96 N30/96
Add Superbuoy Mo(U) 8s Ra Ref 26°40.4′N 126°56.8′E
(24(1163)96 Tokyo)

E2405 1Ed. 8/21/82 LAST NM N30/96 N32/96
Add Superbuoy Mo(U) 8s Ra Ref 26°21.4′N 128°18.7′E
(27(1307)96 Tokyo)

E2405 1Ed. 8/21/82 LAST NM N32/96 N34/96
Add Submarine cable between 24°55′N 122°01′E
25°00′N 122°08′E
(5/96 Tso-ying)

E2405 1Ed. 8/21/82 LAST NM N34/96 N38/96
Add Wreck (PA) 25°30′N 120°50′E
(15/96 Tso-ying)

E2405 1Ed. 8/21/82 LAST NM N38/96 N40/96
Change Visibility (range) of light to 14M 24°20.8′N 123°41.8′E
and add light flare symbol
(Jpn LL; Jpn CH 1289)

E2405 1Ed. 8/21/82 LAST NM N40/96 N5/97
Add Superbuoy Mo(U) 8s Ra Ref 24°09.6′N 124°20.3′E
(50(2347)96 Tokyo)

E2405 1Ed. 8/21/82 LAST NM N5/97 N19/97
Add Dangerous wreck (PA) 28°24.0′N 123°49.7′E
(7(295)87 Tokyo)

E2405 1Ed. 8/21/82 LAST NM N19/97 N28/97
Delete Light and legend "SEA BERTH" 26°23′N 128°58′E
(BA LL)

★**E2406** 1Ed. 6/26/82 NEW CHART N33/82
Change Light to Iso, F 14M 32°46.0′N 128°39.0′E
(DMAHTC; US LL)

E2406 1Ed. 6/26/82 LAST NM N33/82 N45/82
Add Depth 174 fathoms 30°11′12″N 129°37′15″E
(NVS6791/82)

E2406 1Ed. 6/26/82 LAST NM N45/82 N9/83
Change Fog signal to SIREN at light 34°47.0′N 125°47.4′E
(2(24)83 Seoul)

E2406 1Ed. 6/26/82 LAST NM N9/83 N27/85
Add Danger circle "Unexploded Ordnance"
29°38.0′N 122°46.3′E
(9(52)85 China)

E2406 1Ed. 6/26/82 LAST NM N27/85 N52/85
Add Depth 19 fathoms 33°18.1′N 129°01.4′E
(Jpn CH 1212)

E2406 1Ed. 6/26/82 LAST NM N52/85 N7/86
Add Depth 19 fathoms 32°59.3′N 128°44.8′E
(Jpn CH 1212)

E2406 1Ed. 6/26/82 LAST NM N7/86 N22/86
Add Legend "R Bn" 31°58.0′N 121°44.3′E
(6(38)86 China)

E2406 1Ed. 6/26/82 LAST NM N22/86 N43/86
Add Depths
200 fathoms 29°26.4′N 129°02.0′E
231 fathoms 29°25.0′N 129°00.9′E
(MCNM7830/86)

E2406 1Ed. 6/26/82 LAST NM N43/86 N46/86
Add Depth 194 fathoms "Rep (1986)" 30°19.0′N 128°07.5′E
(MCNM7842/86)

E2406 1Ed. 6/26/82 LAST NM N46/86 N52/86
Add Depth 154 fathoms "Rep (1986)" (PA)
29°54.3′N 129°23.6′E
(MCNM7862/86)

E2406 1Ed. 6/26/82 LAST NM N52/86 N20/87
Delete Depth 174 fathoms 30°11.2′N 129°37.3′E

Add Depth 177 fathoms 30°12.0′N 129°36.5′E
(Jpn CH 1222)

E2406 1Ed. 6/26/82 LAST NM N20/87 N26/87
Add Light Fl 26M 34°06.1′N 129°10.2′E
(14(442)87 Tokyo)

E2406 1Ed. 6/26/82 LAST NM N26/87 N29/87
Delete Depth 10 fathoms "Rep (1947)" 30°58.0′N 128°53.0′E

Change Legends to "Rep (1987) ED" 29°59.0′N 129°10.0′E
29°56.1′N 129°15.0′E
29°52.0′N 129°04.0′E
29°46.5′N 128°55.0′E
29°45.0′N 128°41.5′E
30°32.0′N 129°38.0′E

Add Legend "Rep (1987) ED" to depths
11 fathoms 29°55.0′N 129°06.0′E
11 fathoms 29°54.0′N 129°02.0′E
11 fathoms 29°52.0′N 128°55.0′E
(MCNM7951/87; 38(1145)79 Tokyo)

E2406 1Ed. 6/26/82 LAST NM N29/87 N30/89
Add Depth 73 fathoms 29°19.5′N 129°15.2′E
(22(714)89 Tokyo)

E2406 1Ed. 6/26/82 LAST NM N30/89 N10/90
Substitute Depth 380 fathoms for 38 fathoms 31°05.8′N 128°57.0′E
(MCNM1013/90)

E2406 1Ed. 6/26/82 LAST NM N10/90 N26/90
Substitute Depth 77 fathoms "Rep (1990)" (PA)
for 91 fathoms 31°36.4′N 127°51.0′E
(MCNM1021/90)

E2406 1Ed. 6/26/82 LAST NM N26/90 N31/90
Add Fl 37M 30°49.8′N 129°57.9′E
(17(570)90 Tokyo)

E2406 1Ed. 6/26/82 LAST NM N31/90 N34/90
Substitute Depth 20 fathoms for 39 fathoms 30°30.5′N 129°29.0′E
(18(599)90 Tokyo)

E2406 1Ed. 6/26/82 LAST NM N34/90 N17/91
Add Superbuoy ODAS, yellow 29°30.0′N 124°05.0′E
(42(554)90 Hamburg)

E2406 1Ed. 6/26/82 LAST NM N17/91 N11/93
Delete R Bn at lights 32°36.8′N 128°36.5′E
30°51.5′N 129°27.9′E
(MCC1231/93)

E2406 1Ed. 6/26/82 LAST NM N11/93 N25/93
Change Light to Fl(3) 24M SIREN 34°42.7′N 125°12.3′E
(14(134)93 Inchon)

E2406 1Ed. 6/26/82 LAST NM N25/93 N49/93
Add Light
Fl 17M 33°43.7′N 126°21.6′E
Fl 17M 33°18.5′N 126°09.0′E
Fl 18M 34°00.5′N 126°19.8′E
Fl 18M 34°22.5′N 125°56.5′E
Fl 18M 34°42.8′N 125°24.5′E
Fl 18M 34°52.3′N 125°58.2′E
(30(310)92, 30(302, 304)93 Inchon)

E2406 1Ed. 6/26/82 LAST NM N49/93 N45/94
Change Visibility (range) of light
to 23M 34°06′N 125°06′E
(27(291)94 Inchon)

E2406 1Ed. 6/26/82 LAST NM N45/94 N7/95
Add Light Fl 18M 34°11.4′N 127°04.9′E
34°45.8′N 125°26.7′E
(2(36, 40)95 Inchon)

E2406 1Ed. 6/26/82 LAST NM N7/95 N22/95
Add Danger circle "Spoil Ground" 33°45.7′N 128°53.9′E
(13(89)95 Inchon)

E2406 1Ed. 6/26/82 LAST NM N22/95 N30/95
Add Wreck 34°35.9′N 129°37.7′E
(25(1065)95 Tokyo)

E2406 1Ed. 6/26/82 LAST NM N30/95 N34/95
Change Light to Fl(2) 8M Racon 34°42′N 125°27′E
(21(288)95 Inchon; ROK LL)

E2406 1Ed. 6/26/82 LAST NM N34/95 N37/95
Relocate Superbuoy ODAS (29°30′N 124°05′E) to
29°29.3′N 124°00.0′E
(26(2087)95 Taunton)

E2406 1Ed. 6/26/82 LAST NM N37/95 N47/95
Add Wreck 34°54.5′N 128°58.4′E
(28(389)95 Inchon)

E2406 1Ed. 6/26/82 LAST NM N47/95 N2/96
Add Wreck "Rep (1995)" (PA) 29°22.4′N 122°29.6′E
29°23.9′N 122°36.6′E
(15(105)95 Tianjin)

E2406 1Ed. 6/26/82 LAST NM N2/96 N8/96
Add Dangerous wreck (Masts) 34°01.7′N 121°52.4′E
(23(153)95 Tianjin)

E2406 1Ed. 6/26/82 LAST NM N8/96 N27/96
Add Wreck 34°33.4′N 129°14.8′E
(20(957)96 Tokyo)

E2406 1Ed. 6/26/82 LAST NM N27/96 N30/96
Add Wreck (PA) 34°39.2′N 128°54.9′E
(18(356)96 Inchon)

E2406 1Ed. 6/26/82 LAST NM N30/96 N37/96
Add Wreck 34°03.3′N 127°34.7′E
(22(393)96 Inchon)

E2406 1Ed. 6/26/82 LAST NM N37/96 N38/96
Substitute Depth 2 fathoms 3 feet for
2 fathoms 5 feet 32°08′N 125°12′E

Add Wreck 31°24.9′N 125°47.6′E
(23(404, 405)96 Inchon)

E2406 1Ed. 6/26/82 LAST NM N38/96 N41/96
Add Dangerous wreck (PA) 34°35.8′N 121°25.8′E
(16(142)96 Tianjin)

E2406 1Ed. 6/26/82 LAST NM N41/96 N42/96
Add Dangerous wreck (PA) 34°33′N 129°13′E
34°05′N 125°10′E
(25(436)96 Inchon)

E2406 1Ed. 6/26/82 LAST NM N42/96 N9/97
Delete Dangerous wreck (Masts) 34°02′N 121°52′E

Add Light Fl 12M 34°56.0′N 128°58.5′E
(2(28)97 Inchon; 23(185)96 Tianjin)

E2406 1Ed. 6/26/82 LAST NM N9/97 N19/97
Add Dangerous wreck (PA) 30°48.0′N 124°37.0′E

Submarine cable joining 33°10.0′N 129°39.0′E
33°02.0′N 129°31.0′E
32°39.0′N 129°29.0′E
32°25.0′N 129°23.0′E
32°24.0′N 129°28.0′E
32°24.0′N 129°23.0′E
32°20.0′N 129°21.0′E
31°47.0′N 128°57.0′E
31°30.0′N 128°55.0′E
31°24.0′N 129°03.0′E
30°53.0′N 128°58.0′E
30°45.0′N 128°50.0′E
29°00.0′N 128°25.0′E
(7(289, 294)97 Tokyo)

E2406 1Ed. 6/26/82 LAST NM N19/97 N25/97
Add Submarine cable joining 33°25.6′N 126°58.3′E
33°26.3′N 127°04.9′E
34°00.2′N 127°33.0′E
34°14.5′N 127°31.3′E
34°23.6′N 127°25.0′E
34°29.4′N 127°25.0′E
34°31.0′N 127°27.0′E
(3(43)97 Inchon)

E2406 1Ed. 6/26/82 LAST NM N25/97 N27/97
Add Depth 18 meters Wk 31°26.0′N 124°20.0′E
Wreck 34°58.2′N 129°17.9′E
(ROK CH 802; 15(223)97 Inchon)

E2406 1Ed. 6/26/82 LAST NM N27/97 N31/97
Add Wreck (PA) 30°43.0′N 123°01.0′E
Wreck 31°20.6′N 126°53.1′E
Depth 42 fathoms 29°55.1′N 127°03.0′E
(10(448)96 Tokyo; 11(118, 119)97 Tianjin)

E2406 1Ed. 6/26/82 LAST NM N31/97 N32/97
Add Wreck 33°22.9′N 126°58.5′E
(19(279)97 Inchon)

E2406 1Ed. 6/26/82 LAST NM N32/97 N42/97
Add Light Fl 16M 33°55.2′N 126°38.4′E
(26(391)97 Inchon)

E2406 1Ed. 6/26/82 LAST NM N42/97 N46/97
Add Wreck 31°21.1′N 126°10.0′E
(PA) 30°03.5′N 126°08.8′E
(31(1413), 36(1629)97 Tokyo)

E2406 1Ed. 6/26/82 LAST NM N46/97 N50/97
Add Wreck 34°07.2′N 125°19.9′E

Submarine cable
joining 34°45.8′N 128°39.5′E
34°42.8′N 128°48.4′E
34°33.7′N 128°51.7′E
34°00.2′N 128°30.9′E
32°41.7′N 128°01.8′E
32°31.0′N 128°01.6′E
32°12.7′N 128°03.5′E
30°59.2′N 129°26.9′E
30°57.0′N 130°00.0′E

joining 32°12.7′N 128°03.5′E
31°04.7′N 128°05.2′E
30°29.5′N 128°05.7′E
30°09.8′N 128°05.9′E
29°48.6′N 128°00.6′E
29°42.0′N 127°57.0′E
(31(473, 474, 477)97 Inchon)

E2406 1Ed. 6/26/82 LAST NM N50/97 N52/97
Change Visibility (range) of light to 17M 34°40.6′N 127°56.9′E
(32(494)97 Inchon)

E2406 1Ed. 6/26/82 LAST NM N52/97 N7/98
Add Wreck (PA) 33°38.3′N 122°33.0′E
(23(231)97 Tianjin)

E2406 1Ed. 6/26/82 LAST NM N7/98 N9/98
Add Dangerous wreck 34°14.9′N 126°47.1′E
(3(47)98 Inchon)

E2406 1Ed. 6/26/82 LAST NM N9/98 N12/98
Delete Wreck (PA) 30°43.0′N 123°01.0′E
(See N31/97-E2406)

Add Depth 10½ fathoms Wk 30°43.5′N 122°59.6′E
(14(141)97 Tianjin)

E2406 1Ed. 6/26/82 LAST NM N12/98 N16/98
Add Wreck 33°57.2′N 127°05.9′E
(8(131)98 Inchon)

E2406 1Ed. 6/26/82 LAST NM N16/98 N28/98
Add Wreck 33°59.5′N 127°45.3′E
(16(274)98 Inchon)

E2406 1Ed. 6/26/82 LAST NM N28/98 N32/98
Delete R Bn at light 31°59′N 128°21′E
(12(522)98 Tokyo)

E2406 1Ed. 6/26/82 LAST NM N32/98 N37/98
Add Dangerous wreck (PA) 32°40.4′N 122°59.8′E
(14(126)98 Tianjin)

E2406 1Ed. 6/26/82 LAST NM N37/98 N47/98
Add Wreck 32°26.2′N 127°00.6′E
(28(462)98 Inchon)

E2406 1Ed. 6/26/82 LAST NM N47/98 N52/98
Delete Depth 26 fathoms "Rep (1965)" 30°33′N 126°18′E
(32(1344)98 Tokyo)

★**E2501** 1Ed. 8/11/79 NEW CHART N40/79
(DMAHTC)

E2501 1Ed. 8/11/79 LAST NM N40/79 N36/80
Delete Depths
12 fathoms 1°10.0′N 119°07.5′E
14 fathoms 1°08.0′N 119°06.0′E

(continued on next page)

E2501 (Continued) 36/80
Add Depths
21 fathoms 1°18.4′N 119°00.6′E
11 fathoms 1°21.6′N 118°59.5′E
11 fathoms 1°10.1′N 119°06.3′E
(NVS4066/79; 30(1657)80 Taunton)

E2501 1Ed. 8/11/79 LAST NM N36/80 N29/81
Delete Legend "Breakers Rep (1950)" 2°57′S 118°17′E
(NVS6436/81)

E2501 1Ed. 8/11/79 LAST NM N29/81 N51/83
Add Depths
12 fathoms 2°57.8′S 118°22.1′E
10 fathoms 3 feet 2°42.6′S 118°11.3′E
9 fathoms 3 feet 2°40.6′S 118°09.2′E
(NVS7123/83)

E2501 1Ed. 8/11/79 LAST NM N51/83 N21/84
Add Danger circle with legend
"Unexploded Ordnance (rep 1984)" 0°15.0′S 119°00.0′E
(11(99)84 Jakarta)

E2501 1Ed. 8/11/79 LAST NM N21/84 N8/85
Add Depth 40 fathoms "Rep (1984)" (PA) 0°06.5′N 117°42.5′E
(NVS7392/85)

E2501 1Ed. 8/11/79 LAST NM N8/85 N9/85
Add Danger circle "Obstr" 0°40.0′S 119°01.8′E
(44(389)84 Jakarta)

E2501 1Ed. 8/11/79 LAST NM N9/85 N19/86
Add Depth 23 fathoms "Rep (1985)" 0°04.1′N 117°43.5′E
(MCNM7751/86)

E2501 1Ed. 8/11/79 LAST NM N19/86 N33/89
Add R Bn at light 0°59.5′N 118°59.0′E
(23(190)89 Jakarta)

E2501 1Ed. 8/11/79 LAST NM N33/89 N36/95
Add Racon at light 0°59.5′N 118°59.0′E
(BA RA)

★**E2502** 1Ed. 9/24/83 NEW CHART N49/83
Change Lights to
Fl(2) 10M 6°57.1′N 113°35.2′E
Fl(4) 20M 5°34.8′N 119°13.0′E
(DMAHTC; BA LL)

E2502 1Ed. 9/24/83 LAST NM N49/83 N51/83
Change Light to Fl(4) 20M 5°24.8′N 119°13.0′E
(See N49/83-E2502)
(BA LL)

E2502 1Ed. 9/24/83 LAST NM N51/83 N33/84
Delete Depth 3 fathoms, blue tint,
enclosing depth contour and legend
"Owen Shoal ED" in vicinity 8°09′N 111°59′E
(NVS7290/84)

E2502 1Ed. 9/24/83 LAST NM N33/84 N32/85
Add Depth 122 fathoms "Rep (1984) 5°47.3′N 119°51.5′E
(HNNM7516/85)

E2502 1Ed. 9/24/83 LAST NM N32/85 N31/86
Add Depth 142 fathoms (PA) 9°08.3′N 111°50.2′E
(MCNM7783/86)

E2502 1Ed. 9/24/83 LAST NM N31/86 N37/86
Add Legend "Rep larger in area (1986)" 7°18.0′N 113°41.0′E
(31(2261)86 Taunton)

E2502 1Ed. 9/24/83 LAST NM N37/86 N1/89
Add Dangerous submerged rock
"Rep (1976)" (PA) 7°59.5′N 118°03.5′E
(36(2722)88 Taunton)

E2502 1Ed. 9/24/83 LAST NM N1/89 N24/95
Add Depth
164 fathoms 9°00.0′N 115°28.2′E
310 fathoms 8°22.0′N 119°31.8′E
(15(1278, 1279)95 Taunton)

E2502 1Ed. 9/24/83 LAST NM N24/95 N45/95
Add Depth
299 fathoms 9°08.2′N 119°50.3′E
150 fathoms 9°04.8′N 119°42.6′E
(38(3142)95 Taunton)

E2502 1Ed. 9/24/83 LAST NM N45/95 N12/96
Add Platform "M1PQ-A" 5°22.2′N 111°00.2′E
(6(518)96 Taunton)

E2502 1Ed. 9/24/83 LAST NM N12/96 N15/96
Add Light symbol 7°48.8′N 110°28.4′E
8°09.4′N 110°35.5′E
8°02.0′N 110°37.0′E
7°52.2′N 111°44.5′E
8°50.7′N 112°11.7′E
(49(43, 46)95 Brest)

E2502 1Ed. 9/24/83 LAST NM N15/96 N24/96
Add Light Fl(3) 16M 9°43.5′N 118°45.9′E
(15(1294)96 Taunton)

E2502 1Ed. 9/24/83 LAST NM N24/96 N44/96
Add Depth 31 fathoms "Rep (1976)" (ED) 8°18′N 110°12′E
(SMEA005/96)

E2502 1Ed. 9/24/83 LAST NM N44/96 N12/97
Add Depth 5 fathoms 4 feet "Rep (1996)" 7°40.7′N 118°11.5′E
(2(171)97 Taunton)

E2502 1Ed. 9/24/83 LAST NM N12/97 N28/97
Add Light symbol 7°52.6′N 112°54.1′E
(GIMM047/96; 12(1065)97 Taunton)

★**E2602** 1Ed. 6/25/83 NEW CHART N37/83
Delete R Bns (AERO) 5°23′N 103°06′E
6°09′N 102°17′E
7°11′N 100°36′E
8°29′N 99°57′E
(DMAHTC; US RA)

E2602 1Ed. 6/25/83 LAST NM N37/83 N39/83
Add Depth 7 fathoms "Rep (1983)" 9°43′N 109°07′E
(NVS7025/83)

E2602 1Ed. 6/25/83 LAST NM N39/83 N33/85
Add Depth 53 fathoms 8°21.0′N 109°53.0′E
(24(1610)85 Taunton)

E2602 1Ed. 6/25/83 LAST NM N33/85 N35/89
Add Depth 320 fathoms 8°48.2′N 109°39.9′E
(MCNM1078/89)

E2602 1Ed. 6/25/83 LAST NM N35/89 N39/90
Add Depths
64 fathoms "Rep (1989)" 9°55.8′N 109°55.0′E
65 fathoms "Rep (1989)" 9°51.4′N 109°50.5′E
(MCNM1021/90)

E2602 1Ed. 6/25/83 LAST NM N39/90 N45/90
Add Depths
7.5 fathoms 7°22.2′N 109°01.4′E
6.8 fathoms "Rep (1990)" (PA) 7°23.0′N 108°57.0′E
(MCNM1047/90; 24(1610)85 Taunton)

E2602 1Ed. 6/25/83 LAST NM N45/90 N6/91
Add Depth 16 fathoms 7°15′N 103°04′E
(36(49)90 Brest)

E2602 1Ed. 6/25/83 LAST NM N6/91 N13/91
Add Depth 233 fathoms "Rep (1990)" 8°16.0′N 109°38.0′E
(MCNM1079/91)

E2602 1Ed. 6/25/83 LAST NM N13/91 N28/95
Add "Dai Hung Oil Field" 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

Legend "SEE CAUTION NO 3" 8°35.0′N 108°45.0′E

Caution No 3 to CAUTIONS note in upper right margin of chart
"3. Numerous structures usually carrying lights, other unlit objects, and submerged obstructions sometimes marked by buoys, exist in oilfield areas. These features are not all charted and the positions of those shown are approximate. Unauthorized navigation within 500 meters of any structure is prohibited."
(MCC034/95)

E2602 1Ed. 6/25/83 LAST NM N28/95 N29/95
Delete Depth 16 fathoms "Rep (1966)" 3°13′N 100°37′E
(MCC036/95)

E2602 1Ed. 6/25/83 LAST NM N29/95 N15/96
Add Light symbol 7°33.0′N 109°42.0′E
7°33.2′N 109°48.0′E
7°55.7′N 109°57.1′E
(49(43)95 Brest)

E2602 1Ed. 6/25/83 LAST NM N15/96 N28/96
Add Dangerous wreck 9°21.7′N 107°58.0′E
(4(269)96 Taunton)

E2602 1Ed. 6/25/83 LAST NM N28/96 N51/96
Add Depth 24 fathoms 7°36.3′N 108°30.0′E
(43(3560)96 Taunton)

E2602 1Ed. 6/25/83 LAST NM N51/96 N10/97
Add Dangerous wreck 4°31.7′N 108°14.1′E
(1(63)97 Taunton)

★**E2604** 1Ed. 8/27/88 NEW CHART N48/88
Add Wreck 19°22.5′N 108°25.0′E
19°23.3′N 108°18.8′E
(DMAHTC; Cna CH 9705)

E2604 1Ed. 8/27/88 LAST NM N48/88 N18/95
Delete Depth 2 fathoms and legend "Well (Obstr)" 17°31′N 109°00′E
17°22′N 109°06′E

Add Platform with light flare symbol 17°30.6′N 109°01.5′E

Dotted-line circle "Well" 17°23.1′N 109°06.7′E
17°28.6′N 109°04.4′E
17°30.6′N 109°06.5′E

Submarine pipeline joining 17°30.6′N 109°01.5′E
18°15.1′N 109°06.4′E
18°18.5′N 109°08.9′E

joining 17°30.6′N 109°01.5′E
17°40.0′N 109°29.0′E
17°56.7′N 110°00.0′E
(MCC0015/95)

E2604 1Ed. 8/27/88 LAST NM N18/95 N31/95
Add Racon at light 20°14′N 109°56′E
(11(71)95 Tianjin)

E2604 1Ed. 8/27/88 LAST NM N31/95 N36/95
Add Depth
16 fathoms Obstn 20°48.0′N 108°42.0′E
20 fathoms Obstn 20°48.0′N 108°31.0′E

Danger circle "Well" 20°41.0′N 108°41.0′E
(23(1796)95 Taunton)

E2604 1Ed. 8/27/88 LAST NM N36/95 N34/96
Substitute Depth 12 fathoms Obstn for 9 fathoms Obstr and legend "Steel Pipe" 20°47′N 108°38′E

Add Purple dashed-line circle "Unexploded Ordnance" 21°13.3′N 108°41.1′E

Danger circle "Well" 20°45.8′N 108°59.8′E
(1(6)96 Tianjin; Cna CH 9320)

E2604 1Ed. 8/27/88 LAST NM N34/96 N39/96
Add Light symbol 20°07.5′N 107°43.4′E
21°23.7′N 107°59.6′E
(24(46)96 Brest)

E2604 1Ed. 8/27/88 LAST NM N39/96 N28/97
Add Light symbol 20°15.4′N 106°35.7′E
(GIMM047/96)

E2604 1Ed. 8/27/88 LAST NM N28/97 N30/97
Add Light symbol 21°14.2′N 107°57.5′E
(GIMM047/96)

★**E2701** 1Ed. 6/30/79 NEW CHART N35/79
(DMAHTC)

E2701 1Ed. 6/30/79 LAST NM N35/79 N52/80
Delete Stranded wreck 1°03′N 98°19′E
(NVS6266/80)

E2701 1Ed. 6/30/79 LAST NM N52/80 N5/81
Add "Explosives Dumping Area" bound by purple dashed line joining
0°57′S 99°41′E
0°57′S 99°46′E
1°00′S 99°46′E
1°00′S 99°41′E
(43(463)80 Jakarta)

E2701 1Ed. 6/30/79 LAST NM N5/81 N21/85
Add Light Fl 12M 2°32.8′S 101°05.0′E
(12(846)85 Taunton)

E2701 1Ed. 6/30/79 LAST NM N21/85 N25/96
Add Light Fl R 12M Racon 1°02.3′S 100°21.1′E
(BA CH 2965; BA LL; BA RA)

E2701 1Ed. 6/30/79 LAST NM N25/96 N7/97
Add Light Fl 17M 2°05.8′N 96°36.7′E
(GIMM008/97)

E2701 1Ed. 6/30/79 LAST NM N7/97 N42/97
Add Depth
19 fathoms 0°41′S 99°44′E
24 fathoms 0°17′N 97°56′E
29 fathoms 0°21′N 97°55′E
(19(1652, 1653)97 Taunton)

★**E2702** 1Ed. 8/11/79 NEW CHART N42/79
Add Depths
5 fathoms 3 feet in 5°52′N 94°50′E
41 fathoms 5°32′N 94°56′E
27 fathoms 4°59′N 95°05′E
(DMAHTC; 12(752)79 Taunton)

E2702 1Ed. 8/11/79 LAST NM N42/79 N42/83
Add Depth 3 fathoms 5 feet "Rep (1983)" (PA) 5°49.5′N 95°11.6′E
(16(360)83 Tokyo)

E2702 1Ed. 8/11/79 LAST NM N42/83 N18/84
Add "Explosives Dumping Ground" bound by purple dashed-line circle, radius 1.25 miles, centered 5°57.3′N 95°06.5′E
(Indo CH 6)

E2702 1Ed. 8/11/79 LAST NM N18/84 N25/84
Add Depth 28 fathoms "Rep (1984)" (PA) 6°03.8′N 94°49.8′E
(NVS7270/84)

E2702 1Ed. 8/11/79 LAST NM N25/84 N41/84
Change Light to Fl(3) 10M 8°38.0′N 97°38.3′E
(BA LL)

E2702 1Ed. 8/11/79 LAST NM N41/84 N7/85
Add Light Fl(3) 40M 6°04.5′N 95°06.8′E
(51(3377)84 Taunton)

E2702 1Ed. 8/11/79 LAST NM N7/85 N49/86
Add Depth 18 fathoms (PA) 3°45.0′N 95°59.5′E
(41(2991)86 Taunton)

E2702 1Ed. 8/11/79 LAST NM N49/86 N8/87
Add Depths
301 fathoms (PA) 6°35′N 96°05′E
328 fathoms (PA) 6°35′N 96°18′E
(MCNM7895/87)

E2702 1Ed. 8/11/79 LAST NM N8/87 N51/87
Add Depth 7 fathoms "Rep (1987)" 5°43.2′N 95°20.8′E
(43(3257)87 Taunton)

★**E2702** 1Ed. 8/11/79 LAST NM N51/87 N11/89
Add Depths
265 fathoms 4°54.0′N 93°22.0′E
256 fathoms 4°52.0′N 93°18.0′E
(MCNM1033/89)

E2702 1Ed. 8/11/79 LAST NM N11/89 N11/90
Add Light Fl(4) 25M 5°33.3′N 95°09.1′E
(1(1)90 Jakarta)

E2702 1Ed. 8/11/79 LAST NM N11/90 N28/90
Change Light to Fl(2) 10M 6°45′N 93°50′E
(4(86)90 Dehra Dun)

E2702 1Ed. 8/11/79 LAST NM N28/90 N4/91
Add Light Fl(4) 25M 3°44.0′N 96°36.0′E
(33(215)90 Jakarta)

E2702 1Ed. 8/11/79 LAST NM N4/91 N6/91
Add Depth 47 fathoms "Rep (1990)" 8°31.3′N 97°26.2′E
(43(3092)90 Taunton)

E2702 1Ed. 8/11/79 LAST NM N6/91 N49/93
Add Depth
30 fathoms "Rep (1993)" 6°23.7′N 97°39.5′E
7 fathoms 4 feet "Rep (1993)" 6°20.9′N 97°41.6′E
(MCC1232/93)

E2702 1Ed. 8/11/79 LAST NM N49/93 N28/95
Add Depth 32 fathoms 5°26.8′N 97°13.0′E
(9(739)95 Taunton)

E2702 1Ed. 8/11/79 LAST NM N28/95 N38/95
Substitute Depth 16 fathoms "Rep (1995)"
for 28 fathoms 6°14.5′N 94°56.8′E
(28(2243)95 Taunton)

E2702 1Ed. 8/11/79 LAST NM N38/95 N24/97
Add R Bn 5°53.8′N 95°18.7′E
(BA CH 2917)

★**E2703** 1Ed. 8/11/79 NEW CHART N42/79
(DMAHTC)

E2703 1Ed. 8/11/79 LAST NM N42/79 N36/84
Add Light Fl 10M 12°55.6′N 92°59.4′E
(14(348)84 Dehra Dun)

E2703 1Ed. 8/11/79 LAST NM N36/84 N31/89
Add Depth 38 fathoms "Rep (1977)" 12°29′14″N 94°42′41″E
(MCNM1077/89)

E2703 1Ed. 8/11/79 LAST NM N31/89 N44/89
Add Depths
113 fathoms "Rep (1989)" (PA) 13°28.2′N 94°05.0′E
231 fathoms "Rep (1989)" (PA) 12°42.0′N 94°40.0′E
52 fathoms "Rep (1989)" (PA) 12°33.0′N 94°47.0′E
(MCNM1114/89)

E2703 1Ed. 8/11/79 LAST NM N44/89 N10/92
Relocate R Bn (AERO) close E to 11°40.5′N 92°46.0′E
(48(3411)91 Taunton)

E2703 1Ed. 8/11/79 LAST NM N10/92 N47/95
Delete R Bn (AERO) 11°40.5′N 92°46.0′E
(BA RA)

★**E2801** 1Ed. 9/15/79 NEW CHART N45/79
(DMAHTC)

★**E2802** 1Ed. 7/7/79 NEW CHART N35/79
(DMAHTC)

E2802 1Ed. 7/7/79 LAST NM N35/79 N48/81
Delete R Bn (AERO) 6°00.0′N 80°20.0′E
(US RA)

E2802 1Ed. 7/7/79 LAST NM N48/81 N10/97
Delete Light 8°31.7′N 81°19.2′E
(BA LL)

★**E2803** 1Ed. 1/21/84 NEW CHART N13/84
Delete Omega note "All users...propagation
paths." in lower right margin of chart

Change Visibility (range) of light to 24M 15°47.5′N 80°59.0′E
(DMAHTC; BA LL)

E2803 1Ed. 1/21/84 LAST NM N13/84 N25/84
Add Danger circle with legend
"Unexploded Ordnance (rep 1983) 15°53.0′N 85°55.0′E
(7(183)84 Dehra Dun)

E2803 1Ed. 1/21/84 LAST NM N25/84 N8/85
Add Danger circle with legend
"Unexploded ordnance (rep 1984)" 16°26.0′N 82°21.5′E
(1(48)85 Dehra Dun)

E2803 1Ed. 1/21/84 LAST NM N8/85 N26/85
Change Light to Fl(2) 18M 10°45.9′N 79°50.8′E
(7(192)85 Dehra Dun)

E2803 1Ed. 1/21/84 LAST NM N26/85 N41/85
Add Danger circle "Unexploded Ordnance" 16°12.5′N 86°10.0′E
(11(296)85 Dehra Dun)

E2803 1Ed. 1/21/84 LAST NM N41/85 N24/89
Add Purple dashed-line circle
"Unexploded ordnance (Rep 1989)" 14°07.5′N 81°04.2′E
(6(157)89 Dehra Dun)

E2803 1Ed. 1/21/84 LAST NM N24/89 N28/90
Add Depth 28 fathoms (PA) 12°57.8′N 80°42.5′E
(3(64)90 Dehra Dun)

E2803 1Ed. 1/21/84 LAST NM N28/90 N40/91
Add Danger circle "Unexploded ordnance" 10°35.1′N 80°42.0′E
(MCNM1136/91)

E2803 1Ed. 1/21/84 LAST NM N40/91 N3/93
Change Light to Fl(2) 25M R Bn 10°45.9′N 79°50.9′E
(9(189)92 Dehra Dun; BA LL)

E2803 1Ed. 1/21/84 LAST NM N3/93 N16/94
Add R Bn at light 14°14′N 80°07′E
(7(122)93 Dehra Dun)

E2803 1Ed. 1/21/84 LAST NM N16/94 N12/98
Add Legend "Oilfield Development Area (see Note)" 11°18′N 80°03′E

Note
"OILFIELD DEVELOPMENT AREAS
Numerous structures, usually carrying lights Mo(U) 15s, fog signals Mo(U) 30s, other unlit objects and submerged obstructions sometimes marked by buoys, exist in the oilfield areas. As these features are not all charted, special caution should be exercised by vessels navigating in the vicinity. Unauthorized navigation is prohibited within 500 meters of all such structures.
Tankers maneuvering in the vicinity of platforms and moorings should be given a wide berth." 12°55′N 79°30′E
(13(272)97 Dehra Dun)

★**E2804** 1Ed. 12/3/83 NEW CHART N16/84
Delete Omega note "All users...propagation paths." in upper left margin of chart
(DMAHTC)

E2804 1Ed. 12/3/83 LAST NM N16/84 N25/84
Add Danger circle with legend "Unexploded Ordnance (rep 1983)" 17°48.0′N 84°05.0′E
(9(226)84 Dehra Dun)

E2804 1Ed. 12/3/83 LAST NM N25/84 N13/85
Add Danger circles with legend "Unexploded Ordnance (rep 1985)" 17°28.0′N 83°52.5′E
17°28.6′N 83°50.0′E
(3(111)85 Dehra Dun)

E2804 1Ed. 12/3/83 LAST NM N13/85 N41/85
Add Danger circle "Unexploded Ordnance" 17°09.0′N 83°51.5′E
(11(296)85 Dehra Dun)

E2804 1Ed. 12/3/83 LAST NM N41/85 N43/87
Add Purple dashed-line circle "Unexploded Ordnance" 17°35.0′N 84°03.0′E
(13(332)87 Dehra Dun)

E2804 1Ed. 12/3/83 LAST NM N43/87 N5/88
Add Purple dashed-line circle "Unexploded Ordnance (rep 1987)" 17°28.0′N 83°53.1′E
(19(498)87 Dehra Dun)

E2804 1Ed. 12/3/83 LAST NM N5/88 N32/89
Add Purple dashed-line circle "Unexploded ordnance (Rep 1989)" 17°22.5′N 83°45.0′E
(9(238)89 Dehra Dun)

E2804 1Ed. 12/3/83 LAST NM N32/89 N35/89
Add Purple dashed-line circle "Unexploded ordnance (Rep 1989)" 17°25.5′N 83°46.7′E
(11(283)89 Dehra Dun)

E2804 1Ed. 12/3/83 LAST NM N35/89 N38/89
Add Purple dashed-line circles "Unexploded Ordnance (rep 1989)" 17°28.4′N 83°45.8′E
17°32.3′N 83°49.4′E
(12(302), 14(339)89 Dehra Dun)

E2804 1Ed. 12/3/83 LAST NM N38/89 N40/91
Add Danger circles "Unexploded ordnance"
18°35.2′N 85°12.9′E
17°28.5′N 83°43.7′E
17°49.5′N 84°03.0′E
(MCNM1136/91)

E2804 1Ed. 12/3/83 LAST NM N40/91 N49/92
Delete R Bn 20°20′N 86°44′E
Add R Bn 20°15.4′N 86°39.4′E
(9(190)92 Dehra Dun; BA RA)

E2804 1Ed. 12/3/83 LAST NM N49/92 N15/93
Add R Bn 19°15.3′N 84°54.2′E
(BA RA)

E2804 1Ed. 12/3/83 LAST NM N15/93 N28/95
Delete Depth
21 fathoms "Rep (1963)" 20°05′N 87°27′E
4 fathoms "Rep (1963)" 19°55′N 86°52′E
(2(57)95 Dehra Dun)

★**E2901** 1Ed. 7/21/79 NEW CHART N37/79
(DMAHTC)

E2901 1Ed. 7/21/79 LAST NM N37/79 N32/81
Substitute Depth 178 fathoms "Rep (1977)" for 325 fathoms "Rep (1977)" 1°41′N 73°11′E
(US CH 703)

E2901 1Ed. 7/21/79 LAST NM N32/81 N49/83
Add Depth 192 fathoms "Rep (1967)" 0°24.6′S 73°25.1′E
(BA CH 66c)

E2901 1Ed. 7/21/79 LAST NM N49/83 N51/85
Add Light symbols
2°06.8′N 73°35.2′E
2°01.2′N 73°22.4′E
2°19.5′N 73°19.0′E
2°30.9′N 73°19.0′E
2°41.0′N 72°53.0′E
2°45.5′N 73°23.8′E
(16(418)85 Dehra Dun; BA CH 66B)

E2901 1Ed. 7/21/79 LAST NM N51/85 N35/86
Add Depth 179 fathoms "Rep (1986)" 1°45.5′N 73°11.0′E
(25(1799)86 Taunton)

E2901 1Ed. 7/21/79 LAST NM N35/86 N9/93
Add R Bn (AERO) 0°41.8′S 73°09.8′E
(32(2370)92 Taunton)

★**E2902** 1Ed. 7/29/78 NEW CHART N38/78
(DMAHTC)

E2902 1Ed. 7/29/78 LAST NM N38/78 N35/80
Add Depth 200 fathoms "Rep (1980)" 4°37.5′N 75°35.7′E
(NVS6199/80)

E2902 1Ed. 7/29/78 LAST NM N35/80 N4/83
Add R Bn at light 8°16.1′N 73°01.9′E
(US RA)

E2902 1Ed. 7/29/78 LAST NM N4/83 N10/84
Delete R Bn (AERO) 7°11.0′N 79°53.1′E
(BA RA)

E2902 1Ed. 7/29/78 LAST NM N10/84 N51/85
Add Light symbols
3°00.5′N 73°00.5′E
3°05.5′N 73°37.5′E
3°06.5′N 72°52.0′E
3°18.4′N 72°59.5′E
3°27.9′N 73°45.0′E
3°40.5′N 73°24.5′E
3°31.0′N 73°16.5′E
(16(418)85 Dehra Dun; BA CH 66B)

E2902 1Ed. 7/29/78 LAST NM N51/85 N2/86
Add Depth 49 fathoms "Rep (1985)" 7°38.5′N 72°43.0′E
(43(2861)85 Taunton)

E2902 1Ed. 7/29/78 LAST NM N2/86 N15/96
Delete Depth 63 fathoms 7°39.9′N 76°36.5′E

(continued on next page)

E2902 (Continued) 15/96
Add Depth
60 fathoms 7°36.3′N 76°45.3′E
69 fathoms 7°37.6′N 76°41.4′E
102 fathoms 7°38.4′N 76°37.9′E
110 fathoms 7°38.8′N 76°34.2′E
400 fathoms 7°40.4′N 76°30.9′E
(BA CH 1566)

E2902 1Ed. 7/29/78 LAST NM N15/96 N28/96
Add Depth
136 fathoms 7°05.2′N 77°58.8′E
268 fathoms 5°13.0′N 73°31.4′E
327 fathoms 5°02.2′N 73°31.3′E
(20(1705, 1706)96 Taunton)

E2902 1Ed. 7/29/78 LAST NM N28/96 N40/96
Add Depth
205 fathoms 7°54′N 78°13′E
32 fathoms 7°58′N 78°14′E
213 fathoms 7°58′N 78°16′E
(BA CH 1587)

E2902 1Ed. 7/29/78 LAST NM N40/96 N41/97
Add Depth 128 fathoms 9°23.7′N 74°39.0′E
(13(271)97 Dehra Dun)

E2902 1Ed. 7/29/78 LAST NM N41/97 N9/98
Add Depth 580 fathoms 9°23.9′N 74°36.8′E
(GIMM011/98)

★**E2903** 1Ed. 8/26/78 NEW CHART N46/78
(DMAHTC)

E2903 1Ed. 8/26/78 LAST NM N46/78 N32/81
Add Purple dashed-line circles "Unexploded Ordnance" (PA) 14°32.0′N 73°10.0′E
14°00.0′N 72°30.0′E
15°50.0′N 72°35.0′E
15°49.0′N 72°24.0′E
16°02.0′N 72°10.0′E
15°52.0′N 72°37.5′E
((379),(545),(672)79, (534)80 Dehra Dun; NVS6411/81)

E2903 1Ed. 8/26/78 LAST NM N32/81 N40/83
Add Depth 285 fathoms "Rep (1983)" (PA) 11°45.2′N 73°02.0′E
(NVS7032/83)

E2903 1Ed. 8/26/78 LAST NM N40/83 N31/84
Add Light Fl(3) 8M (PA) 11°41.8′N 72°42.5′E
(11(265)84 Dehra Dun)

E2903 1Ed. 8/26/78 LAST NM N31/84 N33/84
Change Light to Fl 8M (PA) 11°07.1′N 72°44.3′E

Add Lights
Q(9) 9M (PA) 11°36.0′N 72°11.1′E
Fl(4) 8M (PA) 11°15.0′N 72°47.3′E
(12(289-291)84 Dehra Dun)

E2903 1Ed. 8/26/78 LAST NM N33/84 N18/87
Add Purple dashed-line circle "Unexploded Ordnance (rep 1986)" 15°58.0′N 72°27.0′E
(3(85)87 Dehra Dun)

E2903 1Ed. 8/26/78 LAST NM N18/87 N44/88
Add Depth
341 fathoms 11°43.0′N 73°00.7′E
229 fathoms 11°44.2′N 73°01.0′E
(MCNM8159/88)

E2903 1Ed. 8/26/78 LAST NM N44/88 N21/89
Add Purple dashed-line circle "Unexploded ordnance (rep 1989)" 10°12.5′N 75°27.5′E
(5(139)89 Dehra Dun)

E2903 1Ed. 8/26/78 LAST NM N21/89 N34/90
Add Depth 207 fathoms (PA) 13°49.0′N 73°05.9′E
(10(207)90 Dehra Dun)

E2903 1Ed. 8/26/78 LAST NM N34/90 N40/91
Add Danger circles "Unexploded ordnance"
12°32.8′N 73°57.2′E
13°50.0′N 73°00.0′E
10°49.4′N 75°06.5′E
15°53.4′N 72°20.2′E
15°32.4′N 72°38.2′E
15°55.0′N 72°34.0′E
13°41.0′N 73°01.0′E
(MCNM1136/91)

E2903 1Ed. 8/26/78 LAST NM N40/91 N16/93
Add R Bn 16°59.1′N 73°16.4′E
(23(434)92 Dehra Dun)

★**E2903** 1Ed. 8/26/78 LAST NM N16/93 N45/94
Add Depth 270 fathoms "Rep (1994)" 15°01.8′N 72°26.8′E
(MCC1337/94)

E2903 1Ed. 8/26/78 LAST NM N45/94 N6/95
Add Depth
267 fathoms 13°20.5′N 72°00.5′E
65 fathoms 12°15.0′N 73°44.5′E
(48(4020)94 Taunton)

E2903 1Ed. 8/26/78 LAST NM N6/95 N6/96
Delete Depth 65 fathoms 12°15.0′N 73°44.5′E
(See N6/95-E2903)
(48(3947)95 Taunton)

E2903 1Ed. 8/26/78 LAST NM N6/96 N12/96
Add Racon at light 10°49′N 73°41′E
(BA RA)

E2903 1Ed. 8/26/78 LAST NM N12/96 N36/97
Delete Depth 270 fathoms "Rep (1994)" 15°01.8′N 72°26.8′E

Add Depth 246 fathoms 15°00.0′N 72°26.0′E
(23(2010)97 Taunton)

★**E2904** 1Ed. 7/28/79 NEW CHART N41/79
(DMAHTC)

E2904 1Ed. 7/28/79 LAST NM N41/79 N19/89
Add Purple dashed-line circles "Unexploded ordnance (Rep 1988)" 20°46.3′N 69°00.3′E
21°11.0′N 68°35.0′E
20°45.2′N 68°00.0′E
20°58.2′N 68°02.1′E
(1(44), 2(61), 3(90), 4(110)89 Dehra Dun)

E2904 1Ed. 7/28/79 LAST NM N19/89 N21/89
Add Purple dashed-line circle "Unexploded ordnance (rep 1988)" 20°45.0′N 68°55.0′E
(5(136)89 Dehra Dun)

E2904 1Ed. 7/28/79 LAST NM N21/89 N24/89
Add Purple dashed-line circle "Unexploded ordnance (Rep 1989)" 17°11.1′N 71°29.0′E
(6(156)89 Dehra Dun)

E2904 1Ed. 7/28/79 LAST NM N24/89 N40/91
Add Danger circles "Unexploded ordnance"
17°01.5′N 71°41.0′E
18°22.0′N 70°29.0′E
17°03.7′N 71°28.2′E
19°15.5′N 69°14.7′E
17°25.0′N 71°17.0′E
21°03.7′N 68°38.5′E
21°10.0′N 68°40.1′E
20°43.9′N 69°01.3′E
20°49.0′N 69°06.5′E
21°00.7′N 68°55.1′E
(MCNM1136/91)

E2904 1Ed. 7/28/79 LAST NM N40/91 N11/93
Delete R Bn (AERO) 21°38′N 69°40′E

Add R Bn 21°37.3′N 69°37.2′E
(19(358)92 Dehra Dun; BA RA)

E2904 1Ed. 7/28/79 LAST NM N11/93 N46/96
Delete R Bn (AERO) 22°29′N 70°02′E
(BA RA)

E2904 1Ed. 7/28/79 LAST NM N46/96 N38/97
Delete R Bn 18°42.2′N 72°49.2′E

Add R Bn (AERO) 19°07.0′N 72°50.1′E
(25(2161)97 Taunton; BA RA)

★E3001 1Ed. 8/8/81 NEW CHART N39/81
(DMAHTC)

★E3002 1Ed. 8/15/81 NEW CHART N42/81
(DMAHTC)

★E3004 1Ed. 8/11/79 NEW CHART N42/79
(DMAHTC)

E3004 1Ed. 8/11/79 LAST NM N42/79 N37/81
Delete Depths
153 fathoms 19°46.3′N 58°54.8′E
142 fathoms 19°52.5′N 58°58.5′E
65 fathoms 19°58.5′N 59°02.5′E
52 fathoms 20°04.5′N 59°06.4′E
65 fathoms 20°24.7′N 59°17.7′E
(NVS6481/81)

E3004 1Ed. 8/11/79 LAST NM N37/81 N1/84
Change Legend "Rep (1976)" charted against 9-fathom depth to "Rep (1975) PA" 19°16.8′N 58°12.5′E
(NVS7141/83)

E3004 1Ed. 8/11/79 LAST NM N1/84 N9/85
Change Light to Fl 16M Racon 22°30.0′N 59°48.0′E
(BA LL)

E3004 1Ed. 8/11/79 LAST NM N9/85 N38/85
Add Depths
100 fathoms 22°36.6′N 59°37.9′E
300 fathoms 22°36.8′N 59°38.0′E
400 fathoms 22°37.0′N 59°38.1′E
550 fathoms 22°37.4′N 59°38.3′E
(HNNM0005/85)

E3004 1Ed. 8/11/79 LAST NM N38/85 N11/86
Add Depth 204 fathoms 19°05.5′N 58°16.3′E
(HNNM 7711/85)

E3004 1Ed. 8/11/79 LAST NM N11/86 N28/95
Delete Depth 13 fathoms "Rep (1968)" 19°37′N 58°33′E
(16(1320)95 Taunton)

E3004 1Ed. 8/11/79 LAST NM N28/95 N32/96
Add Wreck (PA) 18°14.0′N 57°30.0′E
18°30.0′N 57°50.0′E
19°14.0′N 58°24.0′E
19°38.0′N 58°44.0′E
(SMEA005/96)

E3004 1Ed. 8/11/79 LAST NM N32/96 N36/96
Add Wreck 22°28.4′N 59°58.6′E
Wreck (PA) 20°58.0′N 59°35.0′E
(SMEA005/96)

E3004 1Ed. 8/11/79 LAST NM N36/96 N5/97
Delete R Bn (AERO) 20°41′N 58°54′E
(BA RA)

★E3005 1Ed. 9/1/79 NEW CHART N44/79
Add Depths
92 fathoms in 25°19.1′N 57°54.8′E
94 fathoms 25°18.9′N 57°57.0′E
(DMAHTC; 2(123)79 Taunton)

E3005 1Ed. 9/1/79 LAST NM N44/79 N1/81
Add Depth 49 fathoms (ED) 23°07′N 66°47′E
(NVS6271/80)

E3005 1Ed. 9/1/79 LAST NM N1/81 N11/81
Delete Depth 49 fathoms (ED) 23°07′N 66°47′E
(Supersedes N1/81-E3005)
(NVS6328/81)

E3005 1Ed. 9/1/79 LAST NM N11/81 N42/82
Add Wreck (PA) 25°23′N 57°05′E
(NVS6769/82)

E3005 1Ed. 9/1/79 LAST NM N42/82 N28/84
Delete R Bn 24°56.1′N 66°56.1′E

R Bn (AERO) 24°48.0′N 66°58.2′E
24°53.5′N 67°10.0′E
(US RA)

E3005 1Ed. 9/1/79 LAST NM N28/84 N47/85
Delete R Bn (AERO) 25°05.0′N 61°49.0′E
(DMAHTC)

E3005 1Ed. 9/1/79 LAST NM N47/85 N47/87
Change Lights to
Fl 19M (PA) 25°01.5′N 61°43.3′E
Fl(2) 19M 25°06.1′N 62°23.0′E
(37(167)87 Karachi)

E3005 1Ed. 9/1/79 LAST NM N47/87 N49/90
Delete Light 25°12.0′N 63°27.0′E

Add Light Fl(3) 19M 25°12.3′N 63°29.6′E
(32(92)90 Karachi; BA LL)

E3005 1Ed. 9/1/79 LAST NM N49/90 N11/95
Add Depth 109 fathoms "Rep (1994)" 24°19′N 65°39′E
(40(120)94 Karachi)

E3005 1Ed. 9/1/79 LAST NM N11/95 N46/95
Add Legend "SUBMARINE EXERCISE AREA (see Note)" 25°23′N 58°04′E

Note
" SUBMARINE EXERCISE AREA
Submarines exercise frequently, both surfaced and submerged, in the area indicated. A good lookout is to be kept for them when passing through these waters." 26°10′N 68°00′E
(34(2817)95 Taunton)

E3005 1Ed. 9/1/79 LAST NM N46/95 N8/96
Add Depth 170 fathoms 24°45.4′N 61°51.3′E
(Pak CH 33)

E3005 1Ed. 9/1/79 LAST NM N8/96 N13/96
Add Light symbol with R Bn (AERO) 25°04.3′N 61°48.0′E
(40(3314)95 Taunton)

E3005 1Ed. 9/1/79 LAST NM N13/96 N28/96
Add Depth 54 fathoms 24°50.4′N 63°52.1′E
Legend "Disused (1996)" 23°41.0′N 59°05.0′E
(20(1704)96 Taunton; 9/96 Oman)

E3005 1Ed. 9/1/79 LAST NM N28/96 N10/98
Add "Explosives Dumping Ground Disused (1996)" area bound by purple dashed-line circle, radius 3.5 miles, centered 25°03.0′N 56°59.5′E

Light
Fl 12s 14M 23°37.6′N 58°35.8′E
(AERO) Fl 3s 25M 24°19.0′N 56°43.0′E
Fl 10s 15M 23°51.3′N 58°03.9′E
(US CH 62032; BA LL)

★E3101 1Ed. 7/11/81 NEW CHART N34/81
(DMAHTC)

★**E3102** 2Ed. 3/13/93 NEW EDITION N16/93
(DMAHTC)

★**E3103** 1Ed. 8/8/81 NEW CHART N40/81
Add Depths
26 fathoms 12°13.5′N 54°19.5′E
84 fathoms "Rep (1981)" 13°07.0′N 51°23.0′E
(DMAHTC; NVS6381, 6452/81)

E3103 1Ed. 8/8/81 LAST NM N40/81 N10/86
Add Depth 211 fathoms 12°59.0′N 54°03.0′E
(49(3261)85 Taunton)

E3103 1Ed. 8/8/81 LAST NM N10/86 N19/86
Change Visibility (range) of light to 18M 11°50.0′N 51°16.5′E

Add Depths
37 fathoms 12°30.7′N 53°11.1′E
186 fathoms 12°10.3′N 51°46.0′E
181 fathoms 12°22.6′N 51°19.0′E

Danger circle "Shoal (rep 1969)" 12°07.8′N 52°32.0′E
(BA LL; 9(670)86 Taunton)

E3103 1Ed. 8/8/81 LAST NM N19/86 N40/86
Add Depth 285 fathoms 11°13.5′N 52°39.0′E
(33(2383)86 Taunton)

E3103 1Ed. 8/8/81 LAST NM N40/86 N22/87
Add Depths
30 fathoms 12°48.3′N 53°53.0′E
22 fathoms 12°49.5′N 53°57.0′E
(13(1011)87 Taunton)

E3103 1Ed. 8/8/81 LAST NM N22/87 N39/87
Delete Depths
31 fathoms "Rep (1957)" 11°59′N 54°45′E
83 fathoms 12°04′N 54°48′E
94 fathoms 11°55′N 54°43′E
(MCNM7970/87)

E3103 1Ed. 8/8/81 LAST NM N39/87 N11/92
Add Depth 389 meters 11°44.5′N 55°08.2′E
(1(51)92 Taunton)

E3103 1Ed. 8/8/81 LAST NM N11/92 N9/93
Add Danger circle "Discol water (1992)" 11°34.6′N 55°56.7′E
(MCC1232/93)

E3103 1Ed. 8/8/81 LAST NM N9/93 N28/96
Add Legend "Disused (1996)" 16°33.5′N 54°07.0′E
(9/96 Oman)

E3103 1Ed. 8/8/81 LAST NM N28/96 N32/96
Add Wreck (PA) 16°52.0′N 56°38.0′E
15°09.0′N 57°26.0′E
(SMEA005/96)

E3103 1Ed. 8/8/81 LAST NM N32/96 N36/96
Add Wreck (PD) 16°21.0′N 54°30.0′E
(SMEA005/96)

★**E3203** 1Ed. 1/28/84 NEW CHART N15/84
Delete Omega note "All users...propagation paths." in upper left margin of chart

Change Lights to
Fl WR 26/22M 12°46.0′N 44°59.5′E
Oc 23M 12°46.0′N 45°03.7′E

Add Wreck (PA) 12°08.1′N 43°39.0′E

Legend "Oc R 10M" to lights (AERO) 12°52.0′N 45°00.5′E
12°51.7′N 45°03.0′E
(DMAHTC; 3(45)84 Brest; BA LL)

E3203 1Ed. 1/28/84 LAST NM N15/84 N27/84
Add Depth 31 fathoms "Rep (1984)" (PA) 12°22.1′N 43°57.5′E
(NVS7274/84)

E3203 1Ed. 1/28/84 LAST NM N27/84 N29/84
Substitute Depth 30 fathoms "Rep (1984)" for 60 fathoms 15°49′N 41°48′E
(18(1828)84 Hamburg)

E3203 1Ed. 1/28/84 LAST NM N29/84 N50/84
Add Depth 153 fathoms 11°34.5′N 44°03.0′E
(44(2877)84 Taunton)

E3203 1Ed. 1/28/84 LAST NM N50/84 N11/85
Add Depth 58 fathoms "Rep (1984)" 14°56.0′N 42°19.6′E
(4(255)84 Taunton)

E3203 1Ed. 1/28/84 LAST NM N11/85 N19/86
Add Danger circle "Shoal (rep 1969)" 12°07.8′N 52°32.0′E

Depths
186 fathoms 12°10.3′N 51°46.0′E
181 fathoms 12°22.6′N 51°19.0′E
100 fathoms 12°27.5′N 50°57.5′E
96 fathoms 12°06.8′N 50°57.0′E
120 fathoms 12°06.4′N 50°52.7′E
(9(670)86 Taunton)

E3203 1Ed. 1/28/84 LAST NM N19/86 N27/86
Add Depth 237 fathoms (PA) 11°54.8′N 44°41.9′E
(MCNM7776/86)

E3203 1Ed. 1/28/84 LAST NM N27/86 N9/87
Delete Depth 34 fathoms "Rep (1975)" (PA) 15°48.5′N 41°30.5′E

Add Depths
270 fathoms 12°07.5′N 45°37.7′E
363 fathoms 12°06.7′N 44°57.7′E
158 fathoms 14°49.7′N 42°04.2′E
178 fathoms 15°25.6′N 41°57.0′E
278 fathoms 15°25.6′N 41°50.7′E
218 fathoms 15°49.5′N 41°30.2′E
(49(3598, 3599)86 Taunton)

E3203 1Ed. 1/28/84 LAST NM N9/87 N40/87
Add Depth 52 fathoms (PA) 12°58.0′N 43°10.5′E
(24(1776)87 Taunton)

E3203 1Ed. 1/28/84 LAST NM N40/87 N22/89
Add Depth
377 fathoms 11°55.0′N 45°25.0′E
295 fathoms 11°54.0′N 45°03.0′E
(MCNM1047/89)

E3203 1Ed. 1/28/84 LAST NM N22/89 N7/92
Add Depth 285 fathoms 11°13.5′N 52°39.0′E
(33(2383)86 Taunton)

E3203 1Ed. 1/28/84 LAST NM N7/92 N33/93
Add Danger circle "Obstn" (PA) 13°01.9′N 46°22.5′E
(MCC1265/93)

E3203 1Ed. 1/28/84 LAST NM N33/93 N45/93
Add Depth 13 fathoms 11°38.5′N 43°43.4′E
(24(66)93 Brest)

E3203 1Ed. 1/28/84 LAST NM N45/93 N46/95
Delete R Bn (AERO) 11°32′N 43°10′E
(BA RA)

E3203 1Ed. 1/28/84 LAST NM N46/95 N20/97
Add Depth 414 fathoms "Rep (1997)" 12°38′N 47°14′E
(GIMM C07/97))

★**E3304** 1Ed. 2/11/84 NEW CHART N17/84
Delete Omega note "All users...propagation paths." in lower right margin of chart

Lights 19°36.9′N 37°14.5′E
19°37.5′N 37°18.0′E
19°39.0′N 37°19.9′E

(continued on next page)

E3304 (Continued) 17/84
Change Lights to
Fl(2) WRG 12-8M Racon 21°41.1′N 38°48.9′E
Fl(2) 15M 20°54.5′N 37°28.0′E
Fl 10M 19°24.0′N 37°55.5′E
Fl 10M 18°50.0′N 38°46.0′E

Add Light flare symbol to light dot 16°57.5′N 41°20.5′E
Light Fl 16M Racon Ra Ref 22°44.7′N 38°37.4′E
(DMAHTC; 107/83 SPA; BA LL)

E3304 1Ed. 2/11/84 LAST NM N17/84 N50/84
Add Depths
228 fathoms 16°48.9′N 40°54.5′E
295 fathoms 16°45.8′N 40°56.7′E
(44(2876)84 Taunton)

E3304 1Ed. 2/11/84 LAST NM N50/84 N7/86
Add Depths
790 meters (PA) 17°33.9′N 40°22.2′E
541 meters (PA) 17°13.5′N 40°37.1′E
(HNNM7683/86)

E3304 1Ed. 2/11/84 LAST NM N7/86 N17/86
Add Depth 19 fathoms "Rep (1985)" 16°27.1′N 40°44.7′E
(4(281)86 Taunton)

E3304 1Ed. 2/11/84 LAST NM N17/86 N9/87
Delete Depths
790 meters (PA) 17°33.9′N 40°22.2′E
541 meters (PA) 17°13.5′N 40°37.1′E
(Cancel N7/86-E3304)
(HNNM7683/86)

E3304 1Ed. 2/11/84 LAST NM N9/87 N26/95
Delete Depth
19 fathoms "Rep (1985)" 16°27.1′N 40°44.7′E
16 fathoms "Rep (1973)" 16°24.3′N 40°49.5′E

Add Depth 15 fathoms 16°27.7′N 40°44.4′E
(MCC037/95)

E3304 1Ed. 2/11/84 LAST NM N26/95 N28/97
Add Legend "Reef Rep (1996)"
between 17°14.7′N 39°42.0′E
17°44.4′N 39°42.3′E
(GIMM047/96)

★**E3305** 1Ed. 2/4/84 NEW CHART N15/84
Delete Legend "Exting" from lights 27°27.0′N 34°02.3′E
27°40.7′N 33°48.0′E
27°47.0′N 33°41.3′E
27°58.0′N 34°25.5′E
27°59.0′N 34°26.9′E

Omega note "All users...propagation paths." in lower right margin of chart

Change Chart 62220 to 62250 in line D under sounding density diagram in right center margin of chart
(DMAHTC)

E3305 1Ed. 2/4/84 LAST NM N15/84 N44/84
Add Dangerous submerged rock
"Reef Rep (1984)" 23°33.1′N 36°20.0′E
(36(2361)84 Taunton)

E3305 1Ed. 2/4/84 LAST NM N44/84 N26/85
Add Depth 8 fathoms "Rep (1984)" (PA) 25°32.9′N 35°31.7′E
(16(1062)85 Taunton)

E3305 1Ed. 2/4/84 LAST NM N26/85 N15/86
Add Depth 48 fathoms (PA) 27°35.3′N 34°00.9′E
(5(33)86 Brest)

E3305 1Ed. 2/4/84 LAST NM N15/86 N29/86
Add Wreck 26°14.7′N 34°27.3′E
(6/86 Alexandria)

E3305 1Ed. 2/4/84 LAST NM N29/86 N7/87
Add Light symbol and Racon 23°28.1′N 38°25.5′E
(SPA A170/86)

E3305 1Ed. 2/4/84 LAST NM N7/87 N1/88
Delete Depth 8 fathoms "Rep (1984)" PA 25°32.9′N 35°31.7′E
(46(3480)87 Taunton)

E3305 1Ed. 2/4/84 LAST NM N1/88 N16/91
Add Purple dashed-line circle
"Unexploded ordnance Rep (1991)" 27°27.1′N 35°02.9′E
(MCNM1046/90)

E3305 1Ed. 2/4/84 LAST NM N16/91 N26/95
Delete Depth 52 fathoms "Rep (1957)" 26°08.4′N 35°07.5′E

Add Depth 28 fathoms 26°06.7′N 35°07.8′E
(MCC037/95)

E3305 1Ed. 2/4/84 LAST NM N26/95 N28/97
Add Dangerous submerged rock
"Rep (1996)" (PA) 24°15.0′N 35°43.0′E
(GIMM047/96)

E3305 1Ed. 2/4/84 LAST NM N28/97 N10/98
Add Light
Fl(4) 16M 26°51.2′N 34°00.1′E
2 Oc R 18M 27°12.5′N 33°50.5′E
Fl(4) 15M 27°44.0′N 34°16.0′E
Fl 12s 12M 27°39.1′N 35°16.7′E
(US CH 62360; BA LL)

★**E3307** 1Ed. 8/5/89 NEW CHART N50/89
Delete Light flare symbol 35°30.6′N 35°46.7′E

Relocate Light flare symbol
close NW to 36°12.0′N 33°47.0′E
close NW 36°08.9′N 33°19.8′E

Change Legend "R Bn" to "Aero R Bn" 36°53.0′N 30°47.8′E

Add Light flare symbol 36°14.0′N 32°18.4′E
36°18.0′N 30°29.2′E
(DMAHTC; 17(294-12)89 Rostock; BA RA; BA LL)

★**E3601** 2Ed. 4/29/89 NEW EDITION N26/89
Substitute Depth 27 fathoms for
42 fathoms "Rep (1970)" 2°35.0′N 8°12.1′E
(Previously published N23/89)
(DMAHTC)

E3601 2Ed. 4/29/89 LAST NM N26/89 N29/93
Delete Light 0°38′S 8°42′E
(BA LL)

E3601 2Ed. 4/29/89 LAST NM N29/93 N36/93
Delete R Bn (AERO) 0°22′N 6°42′E
(BA RA)

E3601 2Ed. 4/29/89 LAST NM N36/93 N29/95
Add Depth 37 fathoms (ED) 1°13′S 8°23′E
(14(30)95 Brest)

★**E3602** 2Ed. 4/29/89 NEW EDITION N26/89
Delete R Bns (AERO) 6°33.0′N 3°21.0′E
(PA) 5°36.4′N 5°11.0′E
5°21.3′N 5°20.8′E
3°45.4′N 8°43.4′E
4°05.4′N 9°22.0′E

Light flare symbol 6°24.2′N 3°23.5′E

Add R Bn (AERO) 6°22.8′N 2°23.9′E
Light flare symbol 6°27.5′N 3°24.4′E
(DMAHTC; BA CH 1861; BA RA)

E3602 2Ed. 4/29/89 LAST NM N26/89 N51/90
Delete Depth 9 fathoms 3 feet "ED (1887)" 5°29.0′N 0°35.8′E
(34(2403)90 Taunton)

E3602 2Ed. 4/29/89 LAST NM N51/90 N46/96
Add Superbuoy with light flare symbol, WHIS and legend
"Zafiro Terminal Storage Tanker" 3°51′N 8°07′E

"ENTRY RESTRICTED" area bound by purple composite-line circle, radius 4.3 miles, centered on above superbuoy
(38(3152)96 Taunton)

★E5104 1Ed. 11/26/83 NEW CHART N9/84
(DMAHTC)

★E5105 1Ed. 12/17/83 NEW CHART N10/84
Delete Note "All users are...paths." in right lower margin of chart
(DMAHTC)

★E5205 1Ed. 1/7/84 NEW CHART N15/84
(DMAHTC)

★E5303 1Ed. 5/25/85 NEW CHART N40/85
(DMAHTC)

★E5304 1Ed. 2/23/91 NEW CHART N17/91
(DMAHTC)

E5304 1Ed. 2/23/91 LAST NM N17/91 N50/98
Delete R Bn at light 20°29′S 29°20′W
(BA RA)

★E5402 1Ed. 6/21/80 NEW CHART N34/80
(DMAHTC)

E5402 1Ed. 6/21/80 LAST NM N34/80 N6/81
Add Stranded wreck 4°49.1′S 37°03.1′W
(19(173)80 Rio de Janeiro)

E5402 1Ed. 6/21/80 LAST NM N6/81 N24/81
Delete Depth 5 fathoms "Rep (1978)" 4°00′S 36°05′W

Add Depth 5 fathoms "Rep (1980)" (PA) 3°58′S 35°48′W
(NVS6403, 6404/81)

E5402 1Ed. 6/21/80 LAST NM N24/81 N31/83
Add Depth 26 fathoms 3°26.1′S 35°02.8′W
(NVS6978/83)

E5402 1Ed. 6/21/80 LAST NM N31/83 N43/83
Delete R Bn (AERO) at light 8°07.9′S 34°56.3′W

Add R Bn (AERO) 8°03.0′S 34°57.6′W
(14(119)83 Rio de Janeiro)

E5402 1Ed. 6/21/80 LAST NM N43/83 N39/86
Delete Depth 65 fathoms (PD) 4°14.5′S 34°51.2′W
(17(1276)86 Taunton)

E5402 1Ed. 6/21/80 LAST NM N39/86 N36/88
Add Depth 85 fathoms 3°29.2′S 37°29.5′W
(MCNM8136/88)

E5402 1Ed. 6/21/80 LAST NM N36/88 N39/90
Delete Depths
5 fathoms 3°50.7′S 35°57.7′W
5 fathoms "Rep (1980)" (PA) 3°58.0′S 35°48.0′W
(27(1940)90 Taunton)

E5402 1Ed. 6/21/80 LAST NM N39/90 N8/91
Delete R Bns (AERO) 5°11.2′S 37°21.0′W
8°03.0′S 34°57.6′W

R Bn (AERO) at light 5°54.4′S 35°14.8′W
Light (AERO) 8°07.9′S 34°56.3′W

Change Characteristic of light to L Fl 4°57.2′S 36°52.9′W
Visibility (range) of lights to
16M 6°57.8′S 34°49.0′W
28M 7°09.2′S 34°47.9′W
34M 9°39.6′S 35°43.5′W

Add Depths
44 fathoms 4°44.7′S 35°10.5′W
12 fathoms 4°53.0′S 35°01.0′W

Light symbol 3°45.2′S 38°35.1′W
R Bn (AERO) 3°52.0′S 32°26.0′W

Lights
Fl(2) 20M 5°02.9′S 36°02.1′W
Fl(3) 21M 5°29.7′S 35°15.1′W

Submarine cables
joining 8°11.2′S 34°34.2′W
8°09.8′S 34°28.9′W
8°07.5′S 34°12.0′W

joining 8°12.7′S 34°33.9′W
8°11.6′S 34°18.5′W
8°10.0′S 34°12.0′W
(MCNM1073/91)

E5402 1Ed. 6/21/80 LAST NM N8/91 N40/91
Change Visibility (range) of light to 39M 5°47′S 35°10′W
(11(104)91 Rio de Janeiro)

E5402 1Ed. 6/21/80 LAST NM N40/91 N18/92
Change Light to Fl(2) 43M 3°43′S 38°28′W
(1(1)92 Rio de Janeiro)

E5402 1Ed. 6/21/80 LAST NM N18/92 N20/92
Add Lightship "BF-4" Fl(3) 15s 18M
Racon 5°10.8′S 35°11.2′W
(5(33)92 Rio de Janeiro)

E5402 1Ed. 6/21/80 LAST NM N20/92 N1/96
Add Light Fl(5) 24M 6°02.7′S 35°06.8′W
(20(217P)95 Rio de Janeiro)

E5402 1Ed. 6/21/80 LAST NM N1/96 N9/96
Change Visibility (range) of light to 43/36M 9°39.6′S 35°43.5′W
(23(253)95 Rio de Janeiro)

E5402 1Ed. 6/21/80 LAST NM N9/96 N34/96
Add Submarine cable between 3°10′S 38°06′W
3°18′S 38°12′W

(SMEA013/96)

E5402 1Ed. 6/21/80 LAST NM N34/96 N41/98
Delete Lightship "BF-4" 5°11′S 35°11′W
(16(142)98 Rio de Janeiro)

E5402 1Ed. 6/21/80 LAST NM N41/98 N50/98
Add Wreck 7°11′S 34°15′W
(Brz CH 20)

★E5403 1Ed. 7/12/80 NEW CHART N34/80
(DMAHTC)

E5403 1Ed. 7/12/80 LAST NM N34/80 N10/91
Delete Platform 10°39.0′S 36°37.5′W

Change Lights to
Al Iso WWR 38M 13°00.8′S 38°32.2′W
L Fl 27M 14°48.9′S 39°03.0′W

Visibility (range) of lights to
39M 10°58.0′S 37°03.4′W
l5M 11°25.1′S 37°19.8′W
21M 15°51.8′S 38°54.3′W

Add Light Fl(2) 27M 16°26.1′S 39°04.2′W
(Brz LL; 7(89)86 Rio de Janeiro)

E5403 1Ed. 7/12/80 LAST NM N10/91 N20/92
Delete Light 10°58′S 37°03′W
(5(32)92 Rio de Janeiro)

E5403 1Ed. 7/12/80 LAST NM N20/92 N23/92
Add Light Fl(3) 23M 15°21′S 39°00′W
(7(52)92 Rio de Janeiro)

E5403 1Ed. 7/12/80 LAST NM N23/92 N47/94
Add Light Fl(5) 26M 11°58.2′S 37°36.5′W
(13(131P)94 Rio de Janeiro)

E5403 1Ed. 7/12/80 LAST NM N47/94 N4/96
Change Light to Al Fl WR 26/21M 16°26′S 39°04′W
(20(221)95 Rio de Janeiro)

E5403 1Ed. 7/12/80 LAST NM N4/96 N11/98
Delete R Bn 11°00′S 37°04′W
(GIMM002/98)

E5403 1Ed. 7/12/80 LAST NM N11/98 N36/98
Delete Light 10°31′S 36°25′W
(12(89)98 Rio de Janeiro)

E5403 1Ed. 7/12/80 LAST NM N36/98 N50/98
Delete Danger circle "Rep (1920)" 14°41′S 35°57′W

Add Depth 7 1/4 fathoms (ED) 16°00′S 37°52′W
(Brz CH 20)

★**E5404** 1Ed. 8/9/80 NEW CHART N45/80
(DMAHTC)

E5404 1Ed. 8/9/80 LAST NM N45/80 N32/82
Substitute Depth 12 fathoms for
15 fathoms "Rep (1957)" 17°53.2′S 35°58.0′W
(22(222)81 Rio de Janeiro)

E5404 1Ed. 8/9/80 LAST NM N32/82 N45/82
Delete Danger circle
"ED 1913" 17°10.0′S 35°42.5′W
"Rep (1915)" 17°38.0′S 35°16.5′W
(12(114)82 Rio de Janeiro)

E5404 1Ed. 8/9/80 LAST NM N45/82 N31/83
Add Depth 14 fathoms 20°31.6′S 38°06.6′W
(NVS6978/83)

E5404 1Ed. 8/9/80 LAST NM N31/83 N46/85
Add Depth 28 fathoms 20°05′S 38°06′W
(36(2404)85 Taunton)

E5404 1Ed. 8/9/80 LAST NM N46/85 N31/90
Add Depth 3 fathoms 5 feet 17°10.0′S 37°01.0′W
(15(1181)90 Taunton)

E5404 1Ed. 8/9/80 LAST NM N31/90 N10/91
Delete Depth 6.4 fathoms and enclosing danger
circle (PA) "Rep (1966)" 21°25′S 40°13′W

Stranded wreck 22°04′S 40°57′W
R Bn 21°41′S 41°18′W

Change Lights to
Fl(4) 34M 20°19′S 40°16′W
L Fl(2) 40M 22°02′S 41°03′W
Al Fl WR 28/22M 22°25′S 41°42′W

Visibility (range) of light to 23M 17°40′S 39°15′W
Characteristic of light to Q(2) 20°42′S 40°24′W

Add Depth 142 fathoms 22°08.3′S 39°58.6′W
(MCNM1074/91)

E5404 1Ed. 8/9/80 LAST NM N10/91 N30/94
Delete Depth 131 fathoms 20°03′S 37°08′W

Add Depth 1 fathom 2 feet 20°03.5′S 37°07.5′W
(9(83)94 Rio de Janeiro)

E5404 1Ed. 8/9/80 LAST NM N30/94 N32/94
Add Light L Fl 23M 17°53.5′S 39°22.3′W
(21(187)93 Rio de Janeiro)

E5404 1Ed. 8/9/80 LAST NM N32/94 N43/94
Delete Depth 1 fathom 2 feet 20°03.5′S 37°07.5′W
(See N30/94-E5404)
(9(83)94 Rio de Janeiro)

E5404 1Ed. 8/9/80 LAST NM N43/94 N24/98
Delete Depth 3 fathoms 5 feet 17°10′S 37°01′W
(7(48)98 Rio de Janeiro)

★**E5405** 1Ed. 1/12/91 NEW CHART N14/91
Add Depth 84 fathoms "Rep (1987)" 27°17′S 39°03′W
(DMAHTC; 8(650)87 Taunton)

★**E5409** 1Ed. 6/29/85 NEW CHART N40/85
(DMAHTC)

★**E5505** 1Ed. 7/5/80 NEW CHART N39/80
(DMAHTC)

E5505 1Ed. 7/5/80 LAST NM N39/80 N2/91
Add Wreck 24°37.8′S 43°17.3′W
(19(S217)90 Rio de Janeiro)

E5505 1Ed. 7/5/80 LAST NM N2/91 N10/91
Delete R Bns (AERO) 22°47′S 43°11′W
25°32′S 48°31′W

Legends
"Fl 29M" 23°02′S 42°03′W
"(AERO)" 24°04′S 46°12′W
"(AERO)" 28°35′S 48°57′W

Light 27°50′S 48°34′W

Substitute Light symbol for position circle 23°04′S 43°09′W
Note: R Bn remains

Add Legend "(AERO)" to R Bn 25°52.0′S 48°39.0′W
Wreck 26°29.0′S 42°46.0′W
R Bn (AERO) 27°41.2′S 48°30.0′W
(Brz LL; 20(S293)89 Rio de Janeiro)

E5505 1Ed. 7/5/80 LAST NM N10/91 N22/91
Add Wreck 22°36.6′S 40°28.4′W
(5(26)91 Rio de Janeiro)

E5505 1Ed. 7/5/80 LAST NM N22/91 N32/94
Add Light symbol 23°47′S 45°14′W
(23(208)93 Rio de Janeiro)

E5505 1Ed. 7/5/80 LAST NM N32/94 N17/96
Add Wreck 26°56.0′S 46°45.0′W
Light float 26°46.7′S 46°48.2′W
(7(76), 8(96)95 Rio de Janeiro)

E5505 1Ed. 7/5/80 LAST NM N17/96 N19/96
Add Wreck 25°19′S 44°21′W
(5(36)96 Rio de Janeiro)

E5505 1Ed. 7/5/80 LAST NM N19/96 N22/96
Add Wreck 25°21.0′S 44°47.5′W
(7(57)96 Rio de Janeiro)

E5505 1Ed. 7/5/80 LAST NM N22/96 N27/96
Add Wreck 23°53′S 42°30′W
(9(80)96 Rio de Janeiro)

E5505 1Ed. 7/5/80 LAST NM N27/96 N50/98
Add Buoy Y, pillar with legend "FAD" 27°00.5′S 46°36.9′W
26°59.2′S 46°24.7′W
26°53.0′S 46°13.9′W
26°41.1′S 46°32.2′W
26°39.6′S 46°16.2′W
26°39.8′S 45°59.9′W

(continued on next page)

E5505 (Continued) 50/98
Caution No. 5 to CAUTIONS note in upper right margin of chart
"5. Fish Aggregating Devices (FADs) have been established along the coastal waters between Rio de Janeiro and Ilha de Santa Catarina."
(4(27T)98 Rio de Janeiro)

★E5506 1Ed. 5/24/80 NEW CHART N33/80
(DMAHTC)

★E5509 1Ed. 6/1/85 NEW CHART N7/86
(DMAHTC)

★E5606 1Ed. 5/24/80 NEW CHART N31/80
(DMAHTC)

E5606 1Ed. 5/24/80 LAST NM N31/80 N46/80
Substitute Depth 660 fathoms for 32 fathoms (ED) 34°40′S 51°42′W
"Rep (1837)"
(8(81)80 Rio de Janeiro)

E5606 1Ed. 5/24/80 LAST NM N46/80 N31/95
Add Light flare with R Bn symbol 34°39′S 54°09′W
(Arg LL; BA RA)

★E5607 1Ed. 8/9/80 NEW CHART N43/80
(DMAHTC)

E5607 1Ed. 8/9/80 LAST NM N43/80 N17/84
Add Light Fl 16M 35°27.0′S 57°08.9′W
(3(11)84 Buenos Aires)

E5607 1Ed. 8/9/80 LAST NM N17/84 N28/91
Change Visibility (range) of light to 26M 38°05′S 57°33′W
(Arg LL)

E5607 1Ed. 8/9/80 LAST NM N28/91 N6/95
Add Submarine cable
joining 35°00.0′S 55°03.5′W
35°06.9′S 55°05.1′W
35°12.9′S 55°03.8′W
35°16.9′S 55°01.7′W
35°27.4′S 54°56.4′W
35°28.6′S 54°56.8′W
35°49.2′S 55°35.6′W

joining 35°28.6′S 54°56.8′W
35°28.0′S 54°54.8′W
35°26.6′S 53°40.0′W

joining 35°19.8′S 52°47.5′W
35°16.4′S 52°32.7′W
35°15.3′S 52°24.4′W
35°14.5′S 52°21.4′W
(23(239, 240)94 Buenos Aires)

E5607 1Ed. 8/9/80 LAST NM N6/95 N28/95
Add Wreck 39°17′S 57°06′W
(24(250)94 Buenos Aires)

E5607 1Ed. 8/9/80 LAST NM N28/95 N10/96
Change Light to Fl 28M 36°18.3′S 56°46.3′W
Visibility (range) of light to 26M 38°34.0′S 58°41.4′W
(Arg LL)

E5607 1Ed. 8/9/80 LAST NM N10/96 N35/96
Add Wreck 38°43′S 58°45′W
(Arg CH H-252)

E5607 1Ed. 8/9/80 LAST NM N35/96 N9/97
Add Foul ground symbol 37°43.2′S 55°11.4′W
(15(185)96 Buenos Aires)

E5607 1Ed. 8/9/80 LAST NM N9/97 N28/97
Add Depth 5 fathoms 5 feet Rk 36°16′S 55°06′W
Buoy Y, pillar, Fl(5) Y 20s 35°38′S 55°52′W
(2(14)97 Montevideo; 5(44)97 Buenos Aires)

★E5608 1Ed. 5/17/80 NEW CHART N30/80
(DMAHTC)

E5608 1Ed. 5/17/80 LAST NM N30/80 N23/96
Add Depth 43 fathoms 40°07.0′S 56°16.5′W
(5(63)96 Buenos Aires)

★E5609 1Ed. 9/17/83 NEW CHART N45/83
(DMAHTC)

★E5610 1Ed. 9/17/83 NEW CHART N45/83
(DMAHTC)

★E5611 1Ed. 7/12/80 NEW CHART N43/80
(DMAHTC)

E5611 1Ed. 7/12/80 LAST NM N43/80 N4/88
Add Depth 86 fathoms 54°35.0′S 55°18.0′W
(35(2673)87 Taunton)

E5611 1Ed. 7/12/80 LAST NM N4/88 N25/91
Add Depth 269 fathoms 53°38.8′S 50°46.1′W
(MCNM1106/91)

E5611 1Ed. 7/12/80 LAST NM N25/91 N46/96
Add Depth 364 fathoms 54°05.5′S 51°33.0′W
(33(2794)96 Taunton)

E5611 1Ed. 7/12/80 LAST NM N46/96 N46/97
Substitute Depth 212 fathoms for 216 fathoms 54°05.1′S 52°14.4′W

Add Depth
235 fathoms 54°48.3′S 58°56.9′W
235 fathoms 55°00.4′S 57°41.8′W
142 fathoms 55°05.5′S 57°28.5′W
(30(2705)97 Taunton)

E5611 1Ed. 7/12/80 LAST NM N46/97 N2/98
Add Depth
126 fathoms 53°56.0′S 52°29.0′W
335 fathoms 54°03.2′S 51°33.6′W
(47(4223)97 Taunton)

★E5612 1Ed. 8/24/85 NEW CHART N48/85
(DMAHTC)

★E5708 1Ed. 8/23/80 NEW CHART N47/80
(DMAHTC)

E5708 1Ed. 8/23/80 LAST NM N47/80 N35/82
Add Depth 3 fathoms 1 foot 42°10.0′S 63°22.0′W
(4(8)82 Buenos Aires)

E5708 1Ed. 8/23/80 LAST NM N35/82 N38/83
Add Wreck (PA) 42°55′S 62°30′W
(1/2(9)83 Buenos Aires)

E5708 1Ed. 8/23/80 LAST NM N38/83 N5/84
Change Visibility (range) of light to 15M 41°09.5′S 63°42.8′W
(19(150)83 Buenos Aires)

E5708 1Ed. 8/23/80 LAST NM N5/84 N27/86
Change Visibility (range) of light to 11M 42°58.5′S 64°19.5′W
(8(57)86 Buenos Aires)

E5708 1Ed. 8/23/80 LAST NM N27/86 N22/94
Add Depth 38 fathoms 42°06′S 61°03′W
(6(52)94 Buenos Aires)

E5708 1Ed. 8/23/80 LAST NM N22/94 N51/94
Substitute Rock which covers and uncovers enclosed by danger circle for dangerous submerged rock 44°29.1′S 65°14.8′W
(18(173)94 Buenos Aires)

E5708 1Ed. 8/23/80 LAST NM N51/94 N7/95
Change Light to Fl(3) 27M R Bn 40°46.4′S 62°16.5′W
(22(223)94 Buenos Aires)

E5708 1Ed. 8/23/80 LAST NM N7/95 N17/97
Add Foul ground symbol 43°31.4′S 61°29.6′W
(3/4(36)97 Buenos Aires)

★**E5709** 1Ed. 8/30/80 NEW CHART N47/80
(DMAHTC)

E5709 1Ed. 8/30/80 LAST NM N47/80 N38/83
Add Foul ground symbol 46°23.0′S 67°27.9′W
Wreck 46°50.0′S 67°33.8′W
(24(178, 179)82 Buenos Aires)

E5709 1Ed. 8/30/80 LAST NM N38/83 N39/83
Add Wreck 45°14′S 66°15′W
(4(27)83 Buenos Aires)

E5709 1Ed. 8/30/80 LAST NM N39/83 N40/83
Delete Wreck 46°50.0′S 67°33.8′W
(See N38/83-E5709)

Add Wreck 46°50.0′S 66°33.8′W
(24(179)82 Buenos Aires)

E5709 1Ed. 8/30/80 LAST NM N40/83 N47/83
Add Wreck (PA) 45°24.7′S 66°54.0′W
(13(110)83 Buenos Aires)

E5709 1Ed. 8/30/80 LAST NM N47/83 N53/83
Change Light to Gp Fl(2) 16M 47°55′S 65°43′W
(16(126)83 Buenos Aires)

E5709 1Ed. 8/30/80 LAST NM N53/83 N22/86
Delete Lights 45°06.0′S 66°00.0′W
45°12.0′S 66°24.5′W

Change Visibility range of light to
14M 45°06.2′S 65°24.0′W
12M 47°54.5′S 65°43.0′W

Light to Fl 11M 45°13.1′S 66°32.0′W
Characteristic of light to Fl(5) 47°12.0′S 65°45.0′W

Add Danger circles "Foul" (PA) 47°46.1′S 65°50.0′W
45°44.0′S 67°19.0′W

(HNNM7687/86)

E5709 1Ed. 8/30/80 LAST NM N22/86 N22/94
Add Wreck (PA) 46°35′S 60°52′W
(5(39)94 Buenos Aires)

E5709 1Ed. 8/30/80 LAST NM N22/94 N6/97
Add Wreck 45°38′S 65°03′W
(16(199)96 Buenos Aires)

E5709 1Ed. 8/30/80 LAST NM N6/97 N50/98
Add Danger circle "Foul" (PA) 45°50.0′S 67°20.0′W
(3/4(36)98 Buenos Aires)

★**E5710** 1Ed. 8/16/80 NEW CHART N45/80
(DMAHTC)

E5710 1Ed. 8/16/80 LAST NM N45/80 N14/83
Add Depth 52 fathoms "Rep (1982)" 50°42.5′S 61°40.6′W
(7(478)83 Taunton)

E5710 1Ed. 8/16/80 LAST NM N14/83 N24/83
Delete Depths
7 fathoms 5 feet "Rep (1973)" 50°49.5′S 61°13.7′W
26 fathoms "Rep (1969)" 50°52.6′S 61°29.7′W

Add Depths
5 fathoms 2 feet 50°47.9′S 61°20.1′W
16 fathoms 50°53.9′S 61°30.8′W
(10(707)83 Taunton)

E5710 1Ed. 8/16/80 LAST NM N24/83 N26/83
Add Depth 22 fathoms "Rep (1983)" 50°55.6′S 60°58.0′W
(12(832)83 Taunton)

E5710 1Ed. 8/16/80 LAST NM N26/83 N41/83
Delete Depth 4 fathoms 3 feet 52°32′S 68°30′W
(6(94)83 Valparaiso)

E5710 1Ed. 8/16/80 LAST NM N41/83 N43/83
Add Depth 24 fathoms "Rep (1983)" 50°58.3′S 60°58.4′W
(37(2404)83 Taunton)

E5710 1Ed. 8/16/80 LAST NM N43/83 N50/83
Substitute Depth 18 fathoms "Rep (1983)" (PA)
for 22 fathoms "Rep (1983)" (PA) 50°55.6′S 60°58.0′W
(Supersedes N26/83-E5710)

Add Depth 26 fathoms "Rep (1983)" (PA) 50°54.5′S 61°28.5′W
(41(2675)83 Taunton)

E5710 1Ed. 8/16/80 LAST NM N50/83 N20/84
Delete Depth 4 fathoms 2 feet 52°31.7′S 68°00.0′W
(Arg CH 203)

E5710 1Ed. 8/16/80 LAST NM N20/84 N30/95
Add Platform 52°32.9′S 68°18.8′W
52°34.2′S 68°15.3′W
(1(5)95 Valparaiso)

E5710 1Ed. 8/16/80 LAST NM N30/95 N35/95
Substitute Depth 2 fathoms Rk for
2 fathoms (ED) 52°16.3′S 68°11.1′W
(7(43)95 Valparaiso)

E5710 1Ed. 8/16/80 LAST NM N35/95 N12/97
Change Light to Fl 21M R Bn 52°23.2′S 68°25.5′W
(22(171)96 Valparaiso)

E5710 1Ed. 8/16/80 LAST NM N12/97 N24/97
Add Foul ground symbol 52°07′S 66°15′W
(12(148)96 Buenos Aires)

E5710 1Ed. 8/16/80 LAST NM N24/97 N28/97
Add Foul ground symbol 51°35′S 68°00′W
(1(6)97 Buenos Aires)

E5710 1Ed. 8/16/80 LAST NM N28/97 N50/98
Add Legend "Oilfield Area (see Note)" 52°45′S 68°12′W

Note in lower right margin of chart "OILFIELD AREAS Numerous structures usually carrying lights Mo(U) 15s, fog signals Mo(U) 30s, unlit objects and submerged obstructions sometimes marked by buoys; exist in the oilfield area. As these features are not all charted, special caution should be exercised by vessels navigating in the vicinity. Unauthorized navigation is prohibited within 500 meters of all such structures. Tankers maneuvering in the vicinity of platforms and moorings should be given a wide berth."
(GIMM016/98)

★**E5711** 1Ed. 6/26/80 NEW CHART N42/80
(DMAHTC)

E5711 1Ed. 6/26/80 LAST NM N42/80 N16/96
Change Visibility (range) of light to
12M 54°39.5′S 64°08.0′W
13M 54°39.3′S 65°07.7′W
8M 54°48.8′S 65°14.0′W
7M 54°57.3′S 65°58.2′W

Light to Fl(3) 8M 54°47.3′S 64°43.0′W
(22(228-231, 234)95 Buenos Aires)

E5711 1Ed. 6/26/80 LAST NM N16/96 N24/97
Add Depth 24 fathoms 54°34′S 64°24′W
(12(149)96 Buenos Aires)

E5711 1Ed. 6/26/80 LAST NM N24/97 N50/98
Add Buoy pillar, Fl(5) Y 20s 53°40.7′S 67°18.6′W
(3/4(38)98 Buenos Aires)

★**E5712** 1Ed. 8/30/80 NEW CHART N47/80
(DMAHTC)

E5712 1Ed. 8/30/80 LAST NM N47/80 N50/91
Add Light Fl 9M 56°31.6′S 68°43.5′W
(MCNM1114/91; Chile LL)

★**E5803** 1Ed. 11/22/80 NEW CHART N8/81
(DMAHTC)

E5803 1Ed. 11/22/80 LAST NM N8/81 N9/81
Substitute Depth 2107 fathoms for 21 fathoms 10°22.0′S 79°24.5′W
and delete enclosing depth contour
(24(333)80 Valparaiso)

E5803 1Ed. 11/22/80 LAST NM N9/81 N42/91
Change Visibility (range) of light to 10M 11°23.5′S 77°44.5′W
Light to Fl 8M 15°33.3′S 74°50.7′W
(11(48, 50)90 Callao)

E5803 1Ed. 11/22/80 LAST NM N42/91 N34/92
Change Visibility (range) of lights to
9M 15°33.2′S 74°50.7′W
9M 15°51.8′S 74°13.7′W
(5(12, 13)91 Callao)

E5803 1Ed. 11/22/80 LAST NM N34/92 N52/94
Change Light to
Fl 20M 11°08.6′S 77°37.0′W
Fl 28M 15°14.6′S 75°15.1′W
(5(14, 19)94 Callao)

E5803 1Ed. 11/22/80 LAST NM N52/94 N18/96
Delete R Bn (AERO) 11°53.0′S 77°07.5′W

R Bn (AERO) at light 13°45.0′S 76°13.5′W
15°21.0′S 75°10.8′W
(7(40)95 Callao)

E5803 1Ed. 11/22/80 LAST NM N18/96 N19/96
Change Visibility (range) of light to 19M 11°23.9′S 77°44.5′W
Light to Fl(2+1) 19M 13°38.9′S 76°25.0′W
(8(49, 51)95 Callao; Peru LL)

E5803 1Ed. 11/22/80 LAST NM N19/96 N24/97
Change Characteristic of light to Fl 13°38.9′S 76°25.0′W
Light to Fl(2+1) 15M 15°51.8′S 74°13.7′W
(3(23, 24)97 Callao; Peru LL)

★**E5804** 1Ed. 12/6/80 NEW CHART N7/81
(DMAHTC)

E5804 1Ed. 12/6/80 LAST NM N7/81 N14/83
Delete R Bn (AERO) 20°14′S 70°09′W

Add R Bn (AERO) 20°34′S 70°10′W
(21(275)82 Valparaiso)

E5804 1Ed. 12/6/80 LAST NM N14/83 N42/83
Change Light to Gp Fl Y 14M 18°28.8′S 70°20.5′W
(10(131)83 Valparaiso)

E5804 1Ed. 12/6/80 LAST NM N42/83 N31/86
Change Light to Fl 11M 22°06.0′S 70°14.9′W
(8(90)86 Valparaiso)

E5804 1Ed. 12/6/80 LAST NM N31/86 N42/91
Change Light to Fl(2) 17M 17°41.3′S 71°22.3′W
(10(41)90 Callao)

E5804 1Ed. 12/6/80 LAST NM N42/91 N45/94
Change Visibility (range) of light
to 22M 17°41′S 71°22′W
(34(2904)94 Taunton)

E5804 1Ed. 12/6/80 LAST NM N45/94 N18/96
Delete R Bn (AERO) 17°02.5′S 71°57.5′W
(7(40)95 Callao)

E5804 1Ed. 12/6/80 LAST NM N18/96 N21/96
Change Light to Fl 19M 20°12′S 70°10′W
(4(22)96 Valparaiso)

★**E5805** 1Ed. 12/13/80 NEW CHART N13/81
(DMAHTC)

E5805 1Ed. 12/13/80 LAST NM N13/81 N46/83
Relocate Light close SSE to 23°27.0′S 70°27.2′W
and change to Alt Gp Fl WG (occas)
(14(187)83 Valparaiso; Chile LL)

E5805 1Ed. 12/13/80 LAST NM N46/83 N38/86
Add Wreck 26°19′30″S 70°47′00″W
(12(152)86 Valparaiso)

E5805 1Ed. 12/13/80 LAST NM N38/86 N8/93
Change Lights to
Fl 14M 23°02.8′S 70°31.5′W
Fl 9M 25°46.2′S 70°43.6′W
(21(219, 223)92 Valparaiso)

★**E5806** 1Ed. 2/28/81 NEW CHART N18/81
(DMAHTC)

E5806 1Ed. 2/28/81 LAST NM N18/81 N52/83
Change Visibility (range) of lights to
14M 30°14.6′S 71°38.1′W
7M 31°54.3′S 71°32.1′W
(20(240)83 Valparaiso)

E5806 1Ed. 2/28/81 LAST NM N52/83 N38/86
Change Visibility (range) of light to 16M 33°34.5′S 71°38.0′W
(BA LL)

E5806 1Ed. 2/28/81 LAST NM N38/86 N18/91
Change Visibility (range) of light to 10M 31°51′S 71°34′W
(Chile LL)

E5806 1Ed. 2/28/81 LAST NM N18/91 N36/91
Delete Light 32°49.0′S 71°32.0′W

Change Characteristic of light to Fl R 31°54.5′S 71°32.4′W
Light to Fl 19M 32°46.2′S 71°32.2′W
(7(39, 40)91 Valparaiso; Chile LL)

E5806 1Ed. 2/28/81 LAST NM N36/91 N52/91
Change Light to Fl 18M 33°06.0′S 71°45.0′W
(MCNM1114/91)

E5806 1Ed. 2/28/81 LAST NM N52/91 N2/92
Delete Depth 28 fathoms (ED)
and enclosing dotted-line circle 32°25.5′S 72°15.0′W

(continued on next page)

E5806 (Continued) 2/92
Add Depth 16 fathoms enclosed by dashed-line circle 32°24.7′S 72°15.7′W
(15(110)91 Valparaiso)

E5806 1Ed. 2/28/81 LAST NM N2/92 N22/92
Change Visibility (range) of light to 8/7M 33°21′S 71°42′W
(2(9, 10)92 Valparaiso)

E5806 1Ed. 2/28/81 LAST NM N22/92 N46/95
Change Visibility (range) of light to 20M 33°34.2′S 71°37.9′W
(15(98)95 Valparaiso)

E5806 1Ed. 2/28/81 LAST NM N46/95 N21/96
Add Wreck 32°54.5′S 71°46.2′W
(4(24)96 Valparaiso)

E5806 1Ed. 2/28/81 LAST NM N21/96 N27/96
Change Visibility (range) of light to 16M 33°06′S 71°45′W
(5(30)96 Valparaiso)

★**E5807** 1Ed. 2/28/81 NEW CHART N18/81
(DMAHTC)

E5807 1Ed. 2/28/81 LAST NM N18/81 N39/86
Change Visibility (range) of light to 24M 36°36.4′S 73°03.0′W
(14(180)86 Valparaiso)

E5807 1Ed. 2/28/81 LAST NM N39/86 N27/96
Change Light to Fl 8M 37°09′S 73°34′W
(5(31)96 Valparaiso)

E5807 1Ed. 2/28/81 LAST NM N27/96 N31/97
Change Light to Fl 21M 35°33.6′S 72°37.4′W
(4(38)97 Valparaiso)

E5807 1Ed. 2/28/81 LAST NM N31/97 N51/98
Delete R Bn at light 36°36.7′S 73°03.0′W
R Bn 38°23.2′S 73°52.1′W
(9(188)98 Valparaiso)

★**E5808** 1Ed. 11/8/80 NEW CHART N6/81
(DMAHTC)

E5808 1Ed. 11/8/80 LAST NM N6/81 N15/86
Add Depth 179 fathoms (PA) 43°15.6′S 75°14.5′W
(HNNM7734/86)

E5808 1Ed. 11/8/80 LAST NM N15/86 N27/86
Change Light to Fl 18M Racon 43°34.5′S 74°50.0′W
(7(86)86 Valparaiso; Chile LL)

★**E5809** 1Ed. 2/21/81 NEW CHART N17/81
(DMAHTC)

E5809 1Ed. 2/21/81 LAST NM N17/81 N45/97
Change Legend "RDF" to "(AERO) RC" at light 47°43.2′S 74°53.6′W
(BA RA)

★**E5810** 1Ed. 2/28/81 NEW CHART N17/81
(DMAHTC)

E5810 1Ed. 2/28/81 LAST NM N17/81 N17/95
Change Light to Fl(2) 18M Racon 52°23.5′S 75°06.0′W
(23(149)94 Valparaiso; Chile LL)

E5810 1Ed. 2/28/81 LAST NM N17/95 N18/95
Change Light to Fl 14M Racon 50°00.9′S 75°21.5′W
Add Light Fl 9M Racon 49°51.3′S 75°35.0′W
(1(3), 2(9)95 Valparaiso)

E5810 1Ed. 2/28/81 LAST NM N18/95 N14/97
Change Light to Fl 25M Racon 52°23.5′S 75°06.0′W
(50(4165)96 Taunton)

E5810 1Ed. 2/28/81 LAST NM N14/97 N24/97
Change Light to Fl 22M Racon 52°23.5′S 75°06.0′W
(Supersedes-N14/97-E5810)
(3(32)97 Valparaiso)

★**E5811** 1Ed. 8/9/80 NEW CHART N44/80
(DMAHTC)

E5811 1Ed. 8/9/80 LAST NM N44/80 N36/84
Add Depth 50 fathoms 53°11.0′S 75°13.0′W
(27(1775)84 Taunton)

E5811 1Ed. 8/9/80 LAST NM N36/84 N32/88
Add Depth 64 fathoms "Rep (1988)" 55°34.5′S 70°44.0′W
(MCNM8121/88)

★**E5812** 1Ed. 2/28/81 NEW CHART N18/81
(DMAHTC)

★**E5902** 1Ed. 2/21/81 NEW CHART N17/81
(DMAHTC)

E5902 1Ed. 2/21/81 LAST NM N17/81 N36/88
Delete Depths
23 fathoms "(ED)" 4°57.0′S 82°14.0′W
135 fathoms 5°10.0′S 82°04.0′W
(MCNM8141/88)

E5902 1Ed. 2/21/81 LAST NM N36/88 N42/91
Change Visibility (range) of lights to
16M 3°41.7′S 80°41.6′W
10M 6°28.5′S 80°51.6′W
(11(47, 49)90 Callao)

E5902 1Ed. 2/21/81 LAST NM N42/91 N23/94
Add Wreck 4°15.0′S 81°21.0′W
(8(38)93 Callao)

E5902 1Ed. 2/21/81 LAST NM N23/94 N52/94
Change Light to
L Fl 20M 4°40.0′S 81°19.6′W
L Fl 20M 5°54.4′S 81°09.8′W
(5(16, 17)94 Callao)

E5902 1Ed. 2/21/81 LAST NM N52/94 N30/95
Add Platform with light flare symbol 4°18.0′S 81°20.1′W
(1(2)94 Callao)

E5902 1Ed. 2/21/81 LAST NM N30/95 N31/95
Delete R Bn at light 6°56′S 80°43′W
(1(3)95 Callao)

E5902 1Ed. 2/21/81 LAST NM N31/95 N15/96
Change Characteristic of light to Fl(3) 5°54.4′S 81°09.8′W
(8(45)95 Callao)

E5902 1Ed. 2/21/81 LAST NM N15/96 N19/96
Change Light to
Fl(4) 18M 6°28.5′S 80°51.6′W
Fl(3) 18M 7°25.3′S 79°35.1′W
(8(46, 47)95 Callao)

E5902 1Ed. 2/21/81 LAST NM N19/96 N38/96
Delete R Bn (AERO) 4°34′S 81°15′W
(SMEA006/96)

★**E5903** 1Ed. 11/15/80 NEW CHART N9/81
(DMAHTC)

★E5904 1Ed. 5/26/84 NEW CHART N41/84
(DMAHTC)

★E5905 1Ed. 5/12/84 NEW CHART N41/84
(DMAHTC)

E5905 1Ed. 5/12/84 LAST NM N41/84 N26/94
Add Depth 73 fathoms 25°45′S 85°22′W
(9(46)94 Brest)

E5905 1Ed. 5/12/84 LAST NM N26/94 N45/94
Add Light Fl 10M 26°17.0′S 80°06.9′W
(14(71)94 Valparaiso)

★E5906 1Ed. 7/19/80 NEW CHART N40/80
(DMAHTC)

E5906 1Ed. 7/19/80 LAST NM N40/80 N18/81
Substitute Rock which does not cover (15) for dangerous rock 29°38′S 87°25′W

Rock which does not cover (11) for dangerous rock 32°05′S 83°16′W

Add Elevation "(40)" to islet 32°15.0′S 89°08.5′W
(4(39)81 Valparaiso)

★E5907 1Ed. 11/15/80 NEW CHART N8/81
(DMAHTC)

★E5908 1Ed. 11/29/80 NEW CHART N9/81
(DMAHTC)

★E5909 1Ed. 9/1/84 NEW CHART N46/84
(DMAHTC)

★E5910 1Ed. 6/2/84 NEW CHART N37/84
(DMAHTC)

★E5911 1Ed. 6/23/84 NEW CHART N37/84
(DMAHTC)

★E5912 1Ed. 8/10/85 NEW CHART N47/85
(DMAHTC)

★E6602 1Ed. 7/28/84 NEW CHART N44/84
(DMAHTC)

★E6603 1Ed. 8/10/85 NEW CHART N48/85
(DMAHTC)

E6603 1Ed. 8/10/85 LAST NM N48/85 N4/91
Add Depth 186 fathoms 14°29.0′S 152°15.3′W
(48(3461)90 Taunton)

★E6702 1Ed. 9/29/84 NEW CHART N9/85
(DMAHTC)

★E6703 1Ed. 8/10/85 NEW CHART N52/85
(DMAHTC)

E6703 1Ed. 8/10/85 LAST NM N52/85 N38/86
Add Depth 265 fathoms 10°00.7′S 161°05.2′W
(31(228)86 Auckland)

E6703 1Ed. 8/10/85 LAST NM N38/86 N45/86
Add Danger circle "Breakers (rep 1986)" (PA) 13°23′S 166°12′W
(37(265)86 Auckland)

E6703 1Ed. 8/10/85 LAST NM N45/86 N33/93
Add R Bn (AERO) 10°23′S 161°00′W
(24(184)93 Auckland)

E6703 1Ed. 8/10/85 LAST NM N33/93 N4/96
Delete R Bn (AERO) 10°23′S 161°00′W
(BA RA)

★E6704 1Ed. 9/29/84 NEW CHART N48/84
Substitute Depth 5 fathoms for 1 fathom 18°15.0′S 168°24.0′W
Note: Legend "ANTIOPE REEF" remains
(DMAHTC; 7(34)84 Brest)

E6704 1Ed. 9/29/84 LAST NM N48/84 N24/91
Add Legend "PA" to reef 20°01′S 167°48′W
(11(74)91 Auckland)

E6704 1Ed. 9/29/84 LAST NM N24/91 N12/92
Change Legend to "ANTIOPE REEF (BREAKS)" 18°12′S 168°14′W

Add Depth 32 fathoms 19°58′S 167°41′W
(48(298)91 Auckland)

E6704 1Ed. 9/29/84 LAST NM N12/92 N1/94
Change Legend "PA" to "Rep to lie 3 miles NE (1993)" 20°02′S 167°48′W
(45(311)93 Auckland)

E6704 1Ed. 9/29/84 LAST NM N1/94 N39/97
Add Depth
834 fathoms 21°02.5′S 168°50.0′W
486 fathoms 19°11.6′S 169°31.0′W
(33(283)97 Auckland)

★E6802 1Ed. 1/28/84 NEW CHART N15/84
Delete Omega note "All users...propagation paths." in lower right margin of chart
(DMAHTC)

★E6803 2Ed. 9/29/84 NEW EDITION N48/84
Delete R Bn (AERO) 13°49.5′S 172°01.1′W
(DMAHTC)

E6803 2Ed. 9/29/84 LAST NM N48/84 N6/86
Delete Depths
23 fathoms 13°44.0′S 171°35.5′W
300 fathoms 11°57.0′S 173°05.5′W
17 fathoms "Rep (1961)" 13°49.0′S 171°20.5′W

Substitute Depth
448 fathoms for 18 fathoms "Rep (1963)" 14°25.0′S 171°19.5′W
172 fathoms for 390 fathoms 12°15.0′S 173°56.5′W

Add Depth 207 fathoms 13°15.0′S 173°07.2′W
(HNNM7671/86)

E6803 2Ed. 9/29/84 LAST NM N6/86 N10/88
Add Depths
123 fathoms "Rep (1977)" (PA) 15°37.0′S 173°38.7′W
99 fathoms "Rep (1977)" (PA) 16°16.6′S 173°50.5′W
(MCNM8064/88)

E6803 2Ed. 9/29/84 LAST NM N10/88 N44/89
Add Depth 310 fathoms 12°19.0′S 173°54.0′W
(MCNM1115/89)

E6803 2Ed. 9/29/84 LAST NM N44/89 N24/91
Add Depth 17 fathoms 11°41.4′S 178°21.0′W
(MCNM1105/91)

E6803 2Ed. 9/29/84 LAST NM N24/91 N1/94
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)

E6803 2Ed. 9/29/84 LAST NM N1/94 N16/94
Substitute Depth 10 fathoms enclosed by danger circle for 11 fathoms "Rep (1993)" 10°09.5′S 179°41.8′W
(See N1/94-E6803)
(48(54)93 Brest)

E6803 2Ed. 9/29/84 LAST NM N16/94 N24/94
Add Depth 177 fathoms 13°02′S 174°57′W
(16(123)94 Auckland)

E6803 2Ed. 9/29/84 LAST NM N24/94 N15/95
Add Depth
14 fathoms 12°32′S 174°19′W
8 fathoms 15°37′S 173°37′W
(3(42)93 Auckland)

E6803 2Ed. 9/29/84 LAST NM N15/95 N41/98
Delete Depth 8 fathoms "Rep (1981)" 16°00′S 179°17′W

Add Depth 6 fathoms 15°56.2′S 179°17.0′W
(33(2948)98 Taunton)

★**E6804** 1Ed. 3/31/84 NEW CHART N23/84
Substitute Legend "372" for misprint 18°10.6′S 179°25.5′W

Change Legend "Rep (1981)" to "Rep (1974)"
19°44.4′S 178°18.5′W

Add Depths
31 fathoms 17°36.0′S 174°13.0′W
9¾ fathoms 18°30.2′S 178°27.0′W
87 fathoms "Rep (1977)" (PA) 19°36.0′S 175°00.0′W
120 fathoms "Rep (1977)" (PA) 18°57.2′S 174°47.9′W

Legends
"Thakau Nawa Reef" 17°47.5′S 179°24.1′W
"Shoal water (rep 1942)" 19°56.7′S 178°19.1′W

Light Fl 21M 19°50.1′S 178°11.9′W
(DMAHTC; US CH 83033, 83039; NVS6284/81, 7245/84)

E6804 1Ed. 3/31/84 LAST NM N23/84 N1/87
Delete Dangerous submerged rock and legend "ALBERT MEYER REEF PD (1911)" 20°53′S 172°19′W
(MCNM7864/86)

E6804 1Ed. 3/31/84 LAST NM N1/87 N10/87
Add Dangerous submerged rock 20°52.9′S 172°18.7′W
and legend "Albert Meyer Reef Rep (1911)" (PD)
(Supersedes 1/87-E6804)
(MCNM7902/87)

E6804 1Ed. 3/31/84 LAST NM N10/87 N40/90
Change Light to Fl G 8M 21°00′S 175°13′W
(BA LL)

E6804 1Ed. 3/31/84 LAST NM N40/90 N21/91
Substitute Depth 40 fathoms "Rep (1991)" for 92 fathoms 22°07′S 175°57′W
(13(967)91 Taunton)

E6804 1Ed. 3/31/84 LAST NM N21/91 N13/93
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)" (PA) 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)

E6804 1Ed. 3/31/84 LAST NM N13/93 N13/95
Delete Depth
93 fathoms 21°45′S 175°58′W
21 fathoms "Rep (1970)" 21°49′S 175°52′W
30 fathoms "Rep (1965)" 21°50′S 176°04′W
40 fathoms "Rep (1991)" 22°07′S 175°57′W

Dashed-line circle and legend "Rep (1968)" 22°01′S 176°25′W

Add Depth
199 fathoms 22°03.7′S 176°12.9′W
83 fathoms 21°43.8′S 175°57.2′W
21 fathoms 21°49.7′S 175°55.5′W
70 fathoms 21°51.5′S 175°46.8′W
79 fathoms 22°05.8′S 176°00.0′W
311 fathoms 22°04.8′S 176°05.0′W
542 fathoms 22°27.2′S 176°41.5′W
537 fathoms 22°27.0′S 176°02.5′W
(8(76)95 Auckland)

E6804 1Ed. 3/31/84 LAST NM N13/95 N18/95
Substitute Depth 14 fathoms for 27 fathoms 20°42′S 175°11′W
(13(118)95 Auckland)

E6804 1Ed. 3/31/84 LAST NM N18/95 N38/95
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)

E6804 1Ed. 3/31/84 LAST NM N38/95 N21/96
Delete R Bn (AERO) 21°11′S 175°13′W
(BA RA)

E6804 1Ed. 3/31/84 LAST NM N21/96 N30/96
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)

E6804 1Ed. 3/31/84 LAST NM N30/96 N26/97
Delete Depth 363 fathoms 20°35′S 177°12′W

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)

E6804 1Ed. 3/31/84 LAST NM N26/97 N39/97
Add Depth 224 fathoms 18°33.3′S 172°02.3′W
(33(283)97 Auckland)

E6804 1Ed. 3/31/84 LAST NM N39/97 N3/98
Add Legend "Rep to lie 2 miles SW (1997)"
21°02.5′S 178°55.0′W
(34(3083)97 Taunton)

★**E6805** 1Ed. 7/27/85 NEW CHART N47/85
(DMAHTC)

E6805 1Ed. 7/27/85 LAST NM N47/85 N6/86
Add Depths
98 fathoms "Rep (1984)" 25°26′S 176°15′W
35 fathoms "Rep (1984)" 25°31′S 176°24′W
169 fathoms "Rep (1982)" 28°36′S 177°46′W
23 fathoms "Rep (1983)" 28°38′S 177°56′W
(39(228)85 Auckland)

E6805 1Ed. 7/27/85 LAST NM N6/86 N11/87
Add Dashed-line circle with blue tint and legend "Volcanic Activity Rep (1986)" 24°58′S 175°52′W
(3(38)87 Auckland)

E6805 1Ed. 7/27/85 LAST NM N11/87 N24/88
Delete Dashed-line circle, blue tint and legend "Volcanic Activity Rep (1986)" 24°58′S 175°52′W

Add Dashed-line circle with blue tint and legend "Volcanic Activity Rep (1986)" 24°26′S 175°30′W
(11(88)88 Auckland)

E6805 1Ed. 7/27/85 LAST NM N24/88 N18/91
Delete Depth 64 fathoms 25°54′S 177°10′W

Add Depth 38 fathoms 25°53.4′S 177°09.4′W
(47(285)88 Auckland)

E6805 1Ed. 7/27/85 LAST NM N18/91 N28/91
Add Depth 48 fathoms 28°39′S 177°46′W
(14(92)91 Auckland)

E6805 1Ed. 7/27/85 LAST NM N28/91 N12/92
Delete Depth 20 fathoms 27°45′S 177°42′W

Add Depth 22 fathoms "Rep (1959)" 27°45′S 177°43′W
(48(298)91 Auckland)

E6805 1Ed. 7/27/85 LAST NM N12/92 N21/95
Delete Depth 169 fathoms "Rep (1982)" 28°36′S 177°46′W
(NZ CH 14605)

E6805 1Ed. 7/27/85 LAST NM N21/95 N26/97
Add Depth 289 fathoms 27°13.0′S 177°17.5′W
(16(138)97 Auckland)

E6805 1Ed. 7/27/85 LAST NM N26/97 N29/97
Add Depth 10 fathoms "Rep (1997)" 27°24.0′S 179°14.0′W
(23(196)97 Auckland)

E6805 1Ed. 7/27/85 LAST NM N29/97 N40/97
Add Depth 180 fathoms 27°56′S 171°07′W
(34(291)97 Auckland)

E6805 1Ed. 7/27/85 LAST NM N40/97 N48/97
Add Stranded wreck 23°39.3′S 178°53.4′W
(29(2596)97 Taunton)

E6805 1Ed. 7/27/85 LAST NM N48/97 N26/98
Delete Depth 38 fathoms 25°53.4′S 177°09.4′W

Add Depth 3 fathoms "Rep (1998)" 25°53.4′S 177°11.1′W
(GIMM016/98)

★E6902 1Ed. 9/17/83 NEW CHART N47/83
Delete R Bns (AERO) 8°30′S 179°13′E
5°40′S 176°08′E

(DMAHTC; US RA)

★E6903 1Ed. 5/18/85 NEW CHART N52/85
(DMAHTC)

E6903 1Ed. 5/18/85 LAST NM N52/85 N2/90
Add Depth 12¾ fathoms enclosed by
danger circle 11°58.3′S 171°23.6′E
(37(2793)89 Taunton)

E6903 1Ed. 5/18/85 LAST NM N2/90 N39/90
Substitute Depth 13 fathoms for 16 fathoms 12°47.9′S 177°28.9′E
(30(165)90 Auckland)

E6903 1Ed. 5/18/85 LAST NM N39/90 N22/91
Add Depths
30 meters 12°05.9′S 171°50.0′E
27 meters 12°11.3′S 171°54.2′E
18 meters 12°40.0′S 172°14.6′E
30 meters 12°29.1′S 172°47.5′E
(15(1101)91 Taunton)

E6903 1Ed. 5/18/85 LAST NM N22/91 N6/93
Delete Depth 100 fathoms 11°56′S 171°32′E
(43(3174)92 Taunton)

E6903 1Ed. 5/18/85 LAST NM N6/93 N35/93
Add Legend "Rep to lie 5 miles NE (1991)" 15°42′S 175°42′E
(24(185)93 Auckland)

E6903 1Ed. 5/18/85 LAST NM N35/93 N1/94
Add R Bn (AERO) 12°29.5′S 177°03.3′E
(Fr CH 7283)

E6903 1Ed. 5/18/85 LAST NM N1/94 N20/94
Add Danger circle "Volcanic Activity" 11°41′S 174°18′E
(9(136)94 Sydney)

E6903 1Ed. 5/18/85 LAST NM N20/94 N28/95
Delete Depth 315 fathoms enclosed by
dashed-line circle 16°04.0′S 177°55.7′E

Add Depth 246 fathoms 16°04.7′S 177°55.6′E
(21(166)95 Auckland)

E6903 1Ed. 5/18/85 LAST NM N28/95 N41/95
Add Depth
218 fathoms 12°51.0′S 172°42.5′E
107 fathoms 13°13.0′S 175°07.5′E
126 fathoms 13°33.9′S 175°54.0′E
(34(2829)95 Taunton)

★E7002 1Ed. 9/17/83 NEW CHART N47/83
Change Lights to
Fl 12M 9°12′S 160°22′E
Fl(3) 8M 9°25′S 160°02′E

Visibility (range) of light to 9M 9°19′S 160°20′E
(DMAHTC; 22/83 Honiara; Solm LL)

E7002 1Ed. 9/17/83 LAST NM N47/83 N50/87
Add Submerged rock 9°36.5′S 165°25.0′E
9°36.5′S 165°29.5′E

and enclose above rocks by dotted line
(limiting danger line) with legend
"Breaks (Rep 1987)"
(41(3115)87 Taunton)

E7002 1Ed. 9/17/83 LAST NM N50/87 N25/88
Add Depths
6.3 fathoms 9°50.7′S 166°04.9′E
9.5 fathoms 9°38.0′S 167°31.5′E
(12(970)88 Taunton)

E7002 1Ed. 9/17/83 LAST NM N25/88 N2/90
Add Depth 5¾ fathoms enclosed by
danger circle 9°55.4′S 168°09.7′E
(37(2793)89 Taunton)

E7002 1Ed. 9/17/83 LAST NM N2/90 N11/93
Delete Dangerous submerged rock and
legend "Brougham Shl (1846)" (PD) 9°29.2′S 165°32.9′E

Depth 6 fathoms 3 feet 9°50.7′S 166°04.9′E

Blue tint, enclosing dotted-line circle
and legend "Patteson...(1871)" (PD) 9°44.1′S 166°06.5′E

Depth 4 fathoms and
legend "Hollie Jackson Rep" 9°53.0′S 166°39.1′E

Change Legend "(Breaks...1987)" to
"Brougham Shl" 9°36.5′S 165°29.5′E

Add Depth 6 fathoms 4 feet with
legend "Patteson Shl" 9°51.0′S 166°05.5′E
(42(3086)92 Taunton)

E7002 1Ed. 9/17/83 LAST NM N11/93 N24/97
Add Depth
321 fathoms 9°18.2′S 160°36.7′E
199 fathoms "Rep (1981)" 8°33.6′S 160°07.6′E
(13(1186)97 Taunton)

E7002 1Ed. 9/17/83 LAST NM N24/97 N6/98
Add Depth 128 fathoms 8°21.3′S 160°51.9′E
(GIMM011/98)

★E7003 1Ed. 2/4/84 NEW CHART N13/84
Delete Omega note "All users...propagation
paths." in lower right margin of chart

Position circle 10°49.0′S 165°48.1′E
R Bn (AERO) 15°33.5′S 167°08.0′E

Add Radiobeacon symbol 10°46.2′S 165°47.8′E
(DMAHTC; US RA)

E7003 1Ed. 2/4/84 LAST NM N13/84 N4/87
Add Depth 11 fathoms 12°40.5′S 167°30.0′E
(45(3304)86 Taunton)

E7003 1Ed. 2/4/84 LAST NM N4/87 N6/87
Delete Depth 20 fathoms (PA) 14°59′S 167°13′E

Add Depths
12 fathoms 15°03′S 167°11′E
22 fathoms 15°04′S 167°14′E
128 fathoms 15°30′S 167°21′E
140 fathoms 15°32′S 167°19′E
124 fathoms 16°13′S 167°45′E
(43(3148), 50(3695)86 Taunton)

E7003 1Ed. 2/4/84 LAST NM N6/87 N50/87
Add Depths
10 fathoms 10°17.0′S 167°31.4′E
8 fathoms 10°23.0′S 167°39.9′E
6 fathoms "Rep (1987)" 10°20.3′S 166°53.1′E

Legend "Shoaler depths may exist"
between 10°10.5′S 167°19.0′E
10°31.3′S 167°40.5′E
(41(3115)87 Taunton)

E7003 1Ed. 2/4/84 LAST NM N50/87 N25/88
Add Depths
18 fathoms 10°37.5′S 166°13.1′E
25 fathoms 10°42.8′S 166°18.4′E
7 fathoms 10°43.6′S 166°14.0′E
24 fathoms 10°47.1′S 166°19.5′E
23 fathoms 11°05.0′S 166°34.0′E
40 fathoms 10°40.5′S 167°46.5′E
142 fathoms 10°40.0′S 165°28.5′E
(12(970)88 Taunton)

E7003 1Ed. 2/4/84 LAST NM N25/88 N39/89
Add Depth 141 fathoms 15°49.0′S 166°48.9′E

Depths, each enclosed by danger circle
1 fathom 15°56.9′S 166°02.7′E
3 fathoms 15°57.7′S 166°07.1′E
(26(1967)89 Taunton)

E7003 1Ed. 2/4/84 LAST NM N39/89 N2/90
Add Depth 7 ½ fathoms enclosed by
danger circle 11°02.8′S 169°55.3′E
(37(2793)89 Taunton)

E7003 1Ed. 2/4/84 LAST NM N2/90 N21/91
Add Depth 8 fathoms "Rep (1991)" 10°06.3′S 161°57.7′E
(14(1033)91 Taunton)

E7003 1Ed. 2/4/84 LAST NM N21/91 N22/91
Add Depth 48 meters 12°33.7′S 168°11.3′E
(15(1101)91 Taunton)

E7003 1Ed. 2/4/84 LAST NM N22/91 N6/93
Delete Depths
8 fathoms "Rep (1991)" 10°06.3′S 161°57.7′E
5 fathoms "Rep (1935)" (PA) 11°02.0′S 169°53.0′E
(41(3021), 43(3174)92 Taunton)

E7003 1Ed. 2/4/84 LAST NM N6/93 N11/93
Delete Depth
6 fathoms "Rep (1987)" 10°20.3′S 166°53.1′E
9 fathoms "Rep (1898)" (PA) 10°16.9′S 166°54.0′E

Add Depths
6 fathoms 2 feet 10°16.0′S 166°50.0′E
8 fathoms 3 feet 10°23.5′S 167°36.0′E
(42(3086)92 Taunton)

E7003 1Ed. 2/4/84 LAST NM N11/93 N44/94
Delete Depth 19 fathoms (PA) 15°00′S 167°17′E
(MCC1337/94)

E7003 1Ed. 2/4/84 LAST NM N44/94 N41/95
Add Depth
372 fathoms 12°03.8′S 167°21.7′E
366 fathoms 12°11.2′S 167°35.6′E
(34(2829)95 Taunton)

E7003 1Ed. 2/4/84 LAST NM N41/95 N4/96
Delete R Bn (AERO) 11°31′S 160°05′E
(BA RA)

E7003 1Ed. 2/4/84 LAST NM N4/96 N37/98
Add Depth
352 fathoms 10°32′S 163°56′E
353 fathoms 10°29′S 164°15′E
571 fathoms 10°31′S 163°52′E
(22(38)86 Brest; GIMM016/98)

★**E7102** 1Ed. 8/26/78 NEW CHART N45/78
(DMAHTC)

E7102 1Ed. 8/26/78 LAST NM N45/78 N19/84
Add Depths
267 fathoms "Rep (1979)" 5°27′30″S 153°52′30″E
206 fathoms "Rep (1979)" 5°38′54″S 154°01′45″E
184 fathoms "Rep (1979)" 5°37′58″S 154°06′12″E
(NVS7245/84)

E7102 1Ed. 8/26/78 LAST NM N19/84 N28/84
Delete Danger circle "Shoal (rep 1945)" (PA) 7°33′S 154°41′E
(19(636)84 Tokyo)

E7102 1Ed. 8/26/78 LAST NM N28/84 N17/85
Add Depth 97 fathoms "Rep (184)" 4°08.3′S 152°16.5′E
(7(111)85 Sydney)

E7102 1Ed. 8/26/78 LAST NM N17/85 N20/85
Add Depth 97 fathoms "Rep (1984)" 4°08.3′S 152°16.5′E
(Cancels N17/85-E7102)
(7(111)85 Sydney)

E7102 1Ed. 8/26/78 LAST NM N20/85 N39/85
Delete Stranded wreck 6°25.5′S 155°58.2′E
(30(454)85 Sydney)

E7102 1Ed. 8/26/78 LAST NM N39/85 N38/86
Delete Danger circle "Submerged Volcano
(rep 1963)" 8°25.1′S 157°05.5′E
(32(2333)86 Taunton)

E7102 1Ed. 8/26/78 LAST NM N38/86 N52/91
Substitute Depth 232 fathoms for
10 fathoms 5 feet "Rep (1971)" 8°57.8′S 152°17.2′E
(33(418)91 Sydney)

E7102 1Ed. 8/26/78 LAST NM N52/91 N8/93
Add Dangerous submerged rock 9°26.6′S 151°50.3′E
Depth 123 fathoms 9°20.8′S 152°24.1′E
(39(622)92 Sydney)

E7102 1Ed. 8/26/78 LAST NM N8/93 N6/94
Add Danger circle 8°14.3′S 150°02.0′E
(45(547)93 Sydney)

E7102 1Ed. 8/26/78 LAST NM N6/94 N17/96
Delete Stranded wreck (PA) 6°11′S 159°25′E
(11(938)96 Taunton)

E7102 1Ed. 8/26/78 LAST NM N17/96 N31/96
Add Danger circle 9°26.3′S 150°04.4′E
9°22.0′S 150°02.9′E
9°20.8′S 150°02.7′E
(23(313)96 Wollongong; Aus CH 384)

E7102 1Ed. 8/26/78 LAST NM N31/96 N24/97
Add Depth 86 fathoms 8°39.4′S 157°24.7′E
(13(1186)97 Taunton)

E7102 1Ed. 8/26/78 LAST NM N24/97 N42/97
Add Depth 14 fathoms 4°03′S 152°14′E
(7(182)97 Wollongong)

E7102 1Ed. 8/26/78 LAST NM N42/97 N6/98
Add Depth
279 fathoms 7°04.3′S 158°49.9′E
25 fathoms 7°58.8′S 159°36.5′E
(GIMM011/98)

E7102 1Ed. 8/26/78 LAST NM N6/98 N17/98
Add Depth 188 fathoms 8°55.3′S 159°00.6′E
(40(3579)97 Taunton)

★**E7103** 1Ed. 8/5/78 NEW CHART N39/78
(DMAHTC)

E7103 1Ed. 8/5/78 LAST NM N39/78 N51/79
Delete Stranded wreck 11°28.6′S 154°21.2′E

Substitute Stranded wreck for rock 11°28.0′S 154°22.0′E
(20(242)79 Sydney)

E7103 1Ed. 8/5/78 LAST NM N51/79 N4/84
Substitute Depth 773 fathoms for 173 fathoms 10°15.5′S 152°04.0′E
(49(818)83 Sydney)

E7103 1Ed. 8/5/78 LAST NM N4/84 N19/85
Add Light Q 7M with legend
"R MAST (108ft)" 16°17.5′S 150°00.0′E
(9(128)85 Sydney)

E7103 1Ed. 8/5/78 LAST NM N19/85 N50/91
Add Legend "Rep to lie 2 miles W (1991)" 16°18.0′S 150°14.0′E
(30(373)91 Sydney)

E7103 1Ed. 8/5/78 LAST NM N50/91 N23/97
Add Depth
3 fathoms 2 feet 16°48.1′S 150°10.0′E
8 fathoms 3 feet 16°45.3′S 150°22.7′E
(5(117)97 Wollongong)

★**E7202** 1Ed. 1/20/79 NEW CHART N13/79
Add Light position symbol (dot) 3°22.5′S 143°25.0′E
(DMAHTC)

E7202 1Ed. 1/20/79 LAST NM N13/79 N40/80
Add Dangerous submerged rock 6°01.1′S 148°08.7′E
(Aus CH 676)

E7202 1Ed. 1/20/79 LAST NM N40/80 N17/81
Delete Stranded wreck 5°13′S 146°59′E
(51(717)80 Sydney)

E7202 1Ed. 1/20/79 LAST NM N17/81 N45/83
Add Depths
107 fathoms "Rep (1983)" 3°37.4′S 144°09.0′E
105 fathoms "Rep (1983)" 3°39.9′S 144°16.5′E
74 fathoms "Rep (1983)" 3°40.6′S 144°19.9′E
11 fathoms "Rep (1983)" 3°42.4′S 144°27.3′E
(36(607)83 Sydney)

E7202 1Ed. 1/20/79 LAST NM N45/83 N51/84
Add Depths
274 fathoms "Rep (1984)" 5°56.1′S 147°32.2′E
300 fathoms "Rep (1984)" 5°40.9′S 147°38.9′E
(40(716)84 Sydney)

E7202 1Ed. 1/20/79 LAST NM N51/84 N5/85
Add Depths
332 fathoms "Rep (1984)" 3°03.7′S 148°03.8′E
291 fathoms "Rep (1984)" 3°02.9′S 148°00.8′E
312 fathoms "Rep (1984)" 3°00.0′S 147°48.0′E
(21(361)84 Sydney)

★**E7202** 1Ed. 1/20/79 LAST NM N5/85 N7/86
Add Depths
154 fathoms (PA) 6°47.0′S 148°00.3′E
244 fathoms (PA) 6°49.5′S 147°25.0′E
359 fathoms (PA) 6°48.7′S 147°18.5′E
343 fathoms (PA) 6°48.4′S 147°15.6′E
(HNNM7682/86)

E7202 1Ed. 1/20/79 LAST NM N7/86 N47/86
Delete Depth 4 fathoms "Rep (1962)" 9°01′S 145°09′E
(38(558)86 Sydney)

E7202 1Ed. 1/20/79 LAST NM N47/86 N33/89
Add R Bn at light 8°29.5′S 140°22.2′E
(23(194)89 Jakarta)

E7202 1Ed. 1/20/79 LAST NM N33/89 N8/92
Add Depth 50 fathoms "Rep (1991)" 9°49.5′S 144°45.5′E
(40(518)91 Sydney)

E7202 1Ed. 1/20/79 LAST NM N8/92 N8/93
Delete R Bn (AERO) 9°31′S 147°02′E
(36(584)92 Sydney)

E7202 1Ed. 1/20/79 LAST NM N8/93 N36/93
Add Depth
7 fathoms 9°11.5′S 146°36.5′E
5 fathoms 1 foot 9°13.2′S 146°38.7′E
(21(268)93 Sydney)

E7202 1Ed. 1/20/79 LAST NM N36/93 N6/94
Delete Islet and legend "Rep (1960)" (ED) 5°12′S 149°27′E
(21(270)93 Sydney)

E7202 1Ed. 1/20/79 LAST NM N6/94 N44/94
Substitute Depth 4 fathoms "Rep (1992)" for
5 fathoms 1 foot 9°13.2′S 146°38.7′E
(33(410)94 Sydney)

E7202 1Ed. 1/20/79 LAST NM N44/94 N19/95
Delete Depth
90 fathoms "Rep (1960)" 3°03′S 147°30′E
3 fathoms "Rep (1956)" (PA) 4°56′S 146°40′E

Add Depth 166 fathoms 3°03.0′S 147°33.0′E
(8(138, 139)95 Taunton)

E7202 1Ed. 1/20/79 LAST NM N19/95 N49/95
Delete Dashed-line circle, blue tint and
legend "Breakers (rep 1977)" 5°07′S 147°08′E
(37(439)95 Wollongong)

E7202 1Ed. 1/20/79 LAST NM N49/95 N31/96
Substitute Danger circle for purple circle 9°10.4′S 149°45.2′E

Add Danger circle 9°10.6′S 149°47.3′E
9°11.2′S 149°46.2′E
9°05.3′S 149°47.7′E
9°05.7′S 149°46.9′E
(23(313)96 Wollongong; Aus CH 384)

E7202 1Ed. 1/20/79 LAST NM N31/96 N40/96
Add Danger circle "Well" 9°12′S 144°59′E
(21(281)96 Wollongong)

E7202 1Ed. 1/20/79 LAST NM N40/96 N43/97
Substitute Depth 30 fathoms (SD) for
50 fathoms "Rep (1991)" 9°49.5′S 144°45.5′E
(15(422)97 Wollongong)

E7202 1Ed. 1/20/79 LAST NM N43/97 N50/97
Add Depth
58 fathoms "Rep (1997)" 3°28.9′S 143°57.7′E
64 fathoms "Rep (1997)" 3°29.3′S 143°59.8′E
(20(549)97 Wollongong)

★**E7203** 1Ed. 8/26/78 NEW CHART N42/78
(DMAHTC)

E7203 1Ed. 8/26/78 LAST NM N42/78 N47/81
Add Light Fl 26M 10°36.3′S 141°54.6′E
(BA LL)

E7203 1Ed. 8/26/78 LAST NM N47/81 N19/85
Add Light Q 7M with legend
"R MAST (108ft) 16°17.5′S 150°00.0′E
(9(128)85 Sydney)

E7203 1Ed. 8/26/78 LAST NM N19/85 N1/87
Change Light to Q(2) 8M 10°05.3′S 147°43.5′E
(45(640)86 Sydney)

E7203 1Ed. 8/26/78 LAST NM N1/87 N50/91
Add Legend "Rep to lie 2 miles W (1991)" 16°18.0′S 149°52.0′E
(30(373)91 Sydney)

E7203 1Ed. 8/26/78 LAST NM N50/91 N28/92
Delete R Bn at light 10°36′S 141°55′E
(18(297)92 Sydney)

E7203 1Ed. 8/26/78 LAST NM N28/92 N52/96
Delete Depth 5 fathoms 3 feet 10°13′S 141°01′E
(34(567)96 Wollongong)

E7203 1Ed. 8/26/78 LAST NM N52/96 N7/97
Delete Depth
14 fathoms "Unverd (1967)" 14°17′S 146°55′E
11 fathoms "Unverd (1974)" 14°10′S 146°54′E

Substitute Depth 4 fathoms 1 foot for
3 fathoms 3 feet 14°06.8′S 146°48.1′E

Add Depth
7 fathoms 5 feet 14°15.3′S 146°54.3′E
5 fathoms 3 feet 14°09.9′S 146°49.2′E
(37(634)96 Wollongong)

★**E7302** 1Ed. 8/26/78 NEW CHART N42/78
(DMAHTC)

E7302 1Ed. 8/26/78 LAST NM N42/78 N52/82
Add Wreck 4°29.2′S 132°39.9′E
(37(289)82 Jakarta)

E7302 1Ed. 8/26/78 LAST NM N52/82 N35/83
Add Fl(3) 16M 4°18.6′S 133°37.1′E
(26(1698)83 Taunton)

E7302 1Ed. 8/26/78 LAST NM N35/83 N10/85
Add Light Fl 12M 8°03.4′S 131°16.3′E
(51(460)84 Jakarta)

E7302 1Ed. 8/26/78 LAST NM N10/85 N18/90
Change Light to Fl(3) 40M 5°18.0′S 132°01.0′E
(1(8)90 Jakarta)

E7302 1Ed. 8/26/78 LAST NM N18/90 N45/90
Add Dotted-line circle, radius 8 miles,
with legend "Reef Rep (1990)" centered
8°33.0′S 133°45.0′E
(30(420)90 Sydney)

E7302 1Ed. 8/26/78 LAST NM N45/90 N6/91
Add Dangerous wreck 5°18.1′S 136°36.5′E
(43(3098)90 Taunton)

E7302 1Ed. 8/26/78 LAST NM N6/91 N44/94
Delete Depth 3 fathoms (PA) and legend
"Volsella Shoal" 9°52′S 136°13′E
(33(413)94 Sydney)

E7302 1Ed. 8/26/78 LAST NM N44/94 N17/95
Delete Depth 5 fathoms "rep (1949)" (PD) 9°57′S 136°00′E
Legend "Duddell Shoal" 9°57′S 136°06′E
(6(119)95 Wollongong)

E7302 1Ed. 8/26/78 LAST NM N17/95 N46/95
Add Racon at light 5°19.8′S 134°34.0′E
(BA RA)

E7302 1Ed. 8/26/78 LAST NM N46/95 N21/96
Delete R Bn 3°40′S 133°45′E
(BA RA)

★**E7303** 1Ed. 8/26/78 NEW CHART N46/78
(DMAHTC)

E7303 1Ed. 8/26/78 LAST NM N46/78 N35/80
Add Depths
2 fathoms 2 feet "Rep(1980)" 11°28.6′S 133°31.3′E
5 fathoms 5 feet "Rep(1980)" 11°05.7′S 132°50.5′E
(8(115)80 Sydney)

E7303 1Ed. 8/26/78 LAST NM N35/80 N47/81
Add Dangerous wreck (PA) 11°39.5′S 134°24.0′E
(21(295)81 Sydney)

E7303 1Ed. 8/26/78 LAST NM N47/81 N39/83
Change Visibility (range) of light to 22M 11°18.5′S 131°46.0′E

Add Racon at light 11°00.2′S 136°45.2′E
(26(432), 28(464)83 Sydney)

E7303 1Ed. 8/26/78 LAST NM N39/83 N32/85
Add Depth 1 fathom 4 feet "Rep (1985)" 11°49.5′S 136°26.5′E
(26(391)85 Sydney)

E7303 1Ed. 8/26/78 LAST NM N32/85 N8/93
Add Depth 6 fathoms 3 feet 11°13.6′S 134°44.7′E
(41(641)92 Sydney)

E7303 1Ed. 8/26/78 LAST NM N8/93 N40/93
Delete R Bn (AERO) 13°58′S 136°31′E
(DMAHTC)

E7303 1Ed. 8/26/78 LAST NM N40/93 N47/95
Delete Depth 19 fathoms 14°11′S 137°16′E
(33(398)95 Wollongong)

E7303 1Ed. 8/26/78 LAST NM N47/95 N46/96
Add Depth 5 fathoms 3 feet 11°12′S 132°47′E
(30(443)96 Wollongong)

E7303 1Ed. 8/26/78 LAST NM N46/96 N35/97
Add Depth 9 fathoms 2 feet "Rep (1997)" 11°30.7′S 133°51.7′E
(8(215)97 Wollongong)

★**E7402** 1Ed. 1/13/79 NEW CHART N13/79
(DMAHTC)

E7402 1Ed. 1/13/79 LAST NM N13/79 N25/80
Add Depth 164 fathoms 6°03′S 125°04′E
(34(401)79 Jakarta)

E7402 1Ed. 1/13/79 LAST NM N25/80 N39/80
Delete Depth 20 fathoms 9°49.0′S 127°54.0′E

Add Depths
18 fathoms "Rep (1980)" 9°49.5′S 127°51.9′E
27 fathoms "Rep (1980)" 9°37.1′S 128°47.0′E
21 fathoms "Rep (1980)" 9°39.5′S 128°34.0′E
15 fathoms "Rep (1980)" 9°32.5′S 128°37.8′E
24 fathoms "Rep (1980)" 9°48.0′S 128°34.4′E
24 fathoms "Rep (1980)" 9°47.0′S 127°57.0′E
(30(441)80 Sydney)

E7402 1Ed. 1/13/79 LAST NM N39/80 N52/80
Add "Explosives Dumping Area" bound by
purple dashed line
joining 4°12′S 128°02′E
4°12′S 128°08′E
4°15′S 128°08′E
4°15′S 128°02′E

joining 9°50′S 123°15′E
9°50′S 123°20′E
9°53′S 123°20′E
9°53′S 123°15′E
(39(423), 40(432)80 Jakarta)

E7402 1Ed. 1/13/79 LAST NM N52/80 N5/81
Add Purple legend "Explosives Dumping Area" 5°49′S 122°30′E
(43(467)80 Jakarta)

E7402 1Ed. 1/13/79 LAST NM N5/81 N50/83
Add Depth 82 fathoms 8°23.1′S 123°45.5′E
(41(2647)83 Taunton)

E7402 1Ed. 1/13/79 LAST NM N50/83 N11/86
Add Depth 10 fathoms "Rep (1985)" 9°52.0′S 129°06.5′E
Light Fl(3) 25M 4°19.0′S 129°42.5′E
(48(3211)85 Taunton; 49(718)85 Sydney)

E7402 1Ed. 1/13/79 LAST NM N11/86 N36/86
Change Light to Fl(3) 27M 8°20.3′S 128°30.0′E
(25(313)86 Jakarta)

E7402 1Ed. 1/13/79 LAST NM N36/86 N14/89
Delete Depth 63 fathoms "Rep (1976)" 7°57.5′S 123°39.1′E

Add Depth 64 fathoms 7°58.2′S 123°47.1′E
(5(46)89 Jakarta)

E7402 1Ed. 1/13/79 LAST NM N14/89 N52/89
Add Depth 200 fathoms 8°30.5′S 127°26.8′E
(MCNM7551/89)

E7402 1Ed. 1/13/79 LAST NM N52/89 N22/90
Change Light to Fl(4) 23M 8°02.6′S 125°43.8′E

Add Light Fl(2) 20M 8°19.3′S 125°08.0′E
(3(22, 23)90 Jakarta)

E7402 1Ed. 1/13/79 LAST NM N22/90 N6/91
Change Light to Fl 17M 8°34.0′S 125°34.0′E
and delete radiobeacon (AERO)
(MCNM1027/90; 32(211)90 Jakarta)

E7402 1Ed. 1/13/79 LAST NM N6/91 N13/91
Add Depth 141 fathoms "Rep (1990)" 6°00.0′S 125°03.8′E
(MCNM1079/91)

E7402 1Ed. 1/13/79 LAST NM N13/91 N39/93
Add Depth 67 fathoms "Rep (1993)" 7°41.6′S 127°06.2′E
(MCC1274/93)

★**E7402** 1Ed. 1/13/79 LAST NM N39/93 N6/96
Add Depth
1573 fathoms "Rep (1995)" 6°03.3′S 125°31.9′E
908 fathoms "Rep (1995)" 5°51.2′S 125°32.4′E
967 fathoms "Rep (1995)" 6°20.2′S 125°31.2′E
1603 fathoms "Rep (1995)" 6°28.5′S 125°31.0′E
(SMEA002/96)

E7402 1Ed. 1/13/79 LAST NM N6/96 N38/97
Add Depth 7 fathoms 5 feet "Rep (1997)" 8°20.5′S 127°28.7′E
(GIMM043/96)

E7402 1Ed. 1/13/79 LAST NM N38/97 N44/97
Delete Depth 10 fathoms 9°42′S 129°01′E

Substitute Depth 3 fathoms 4 feet for 5 fathoms 9°52.9′S 129°17.3′E

Add Depth 4 fathoms 9°43.1′S 129°02.1′E
(16(450)97 Wollongong; Aus CH 310)

E7402 1Ed. 1/13/79 LAST NM N44/97 N47/98
Delete Depth 9 fathoms 9°43′S 128°56′E

Add Depth
6 fathoms 9°50.5′S 129°07.6′E
6 fathoms 2 feet 9°45.5′S 129°04.4′E
7 fathoms 2 feet 9°43.5′S 128°55.7′E
38 fathoms 9°42.3′S 129°08.2′E
(17(470)98 Wollongong)

E7402 1Ed. 1/13/79 LAST NM N47/98 N52/98
Add Danger circle "Rep (1974)" 4°08.4′S 127°17.3′E
(BA CH 3239, 3241)

★**E7403** 1Ed. 8/26/78 NEW CHART N42/78
(DMAHTC)

E7403 1Ed. 8/26/78 LAST NM N42/78 N16/80
Add Depth 7 fathoms (unexamined) 11°49′S 124°50′E
(44(539)79 Sydney)

E7403 1Ed. 8/26/78 LAST NM N16/80 N19/83
Substitute Depth 5 fathoms 4 feet (unexamined) for 6 fathoms 4 feet 12°33.2′S 124°02.1′E

Add Depths
32 fathoms (unexamined) 12°21.4′S 124°13.3′E
28 fathoms (unexamined) 12°23.4′S 124°02.2′E
15 fathoms (unexamined) 12°24.5′S 123°55.7′E
16 fathoms (unexamined) 12°28.0′S 123°42.1′E
8 fathoms 3 feet (unexamined) 12°24.1′S 123°32.5′E
6 fathoms 2 feet (unexamined) 12°23.2′S 123°28.1′E
9 fathoms (unexamined) 12°23.0′S 123°25.3′E
6 fathoms 5 feet (unexamined) 12°21.9′S 123°22.1′E
8 fathoms 3 feet (unexamined) 12°22.6′S 123°19.9′E
14 fathoms (unexamined) 12°20.4′S 123°29.5′E
38 fathoms (unexamined) 13°43.0′S 124°29.7′E
50 fathoms (unexamined) 13°24.4′S 124°22.8′E
9 fathoms 4 feet (unexamined) 13°26.0′S 124°00.9′E
41 fathoms (unexamined) 13°23.6′S 123°59.3′E
42 fathoms (unexamined) 13°24.4′S 124°10.1′E
48 fathoms (unexamined) 13°45.8′S 123°54.8′E
48 fathoms (unexamined) 13°57.6′S 124°12.7′E
(34(455, 456)82 Sydney)

E7403 1Ed. 8/26/78 LAST NM N19/83 N23/83
Delete Depth 16 fathoms 15°26.70′S 122°01.80′E

Add Depths
36 fathoms (unexamined) 15°13.00′S 122°36.50′E
33 fathoms (unexamined) 15°08.40′S 121°58.10′E
30 fathoms (unexamined) 15°09.90′S 121°46.00′E
28 fathoms (unexamined) 15°14.50′S 121°54.00′E
31 fathoms (unexamined) 15°20.00′S 122°12.10′E
26 fathoms (unexamined) 15°18.90′S 122°18.00′E
31 fathoms (unexamined) 15°20.10′S 122°26.40′E
28 fathoms (unexamined) 15°26.30′S 122°55.60′E
28 fathoms (unexamined) 15°29.80′S 122°25.45′E
28 fathoms (unexamined) 15°25.00′S 122°19.20′E
21 fathoms (unexamined) 15°29.90′S 122°15.20′E
15 fathoms (unexamined) 15°27.60′S 122°01.60′E
17 fathoms (unexamined) 15°29.80′S 121°53.40′E
22 fathoms (unexamined) 15°23.60′S 121°47.20′E
17 fathoms (unexamined) 15°34.70′S 122°08.20′E
18 fathoms (unexamined) 15°37.70′S 122°11.80′E
17 fathoms (unexamined) 15°34.30′S 122°08.20′E
18 fathoms (unexamined) 15°37.70′S 122°11.80′E
18 fathoms (unexamined) 15°39.20′S 122°06.50′E
26 fathoms (unexamined) 15°42.40′S 121°52.80′E
31 fathoms (unexamined) 15°39.20′S 121°38.40′E
23 fathoms (unexamined) 15°45.80′S 121°44.00′E
21 fathoms (unexamined) 15°52.10′S 121°52.60′E
13 fathoms (unexamined) 15°53.75′S 122°00.60′E
35 fathoms (unexamined) 15°58.50′S 121°36.50′E
40 fathoms (unexamined) 15°58.70′S 121°28.10′E
31 fathoms (unexamined) 15°57.40′S 121°02.30′E
28 fathoms (unexamined) 15°49.10′S 121°05.10′E
(34(457)82 Sydney)

E7403 1Ed. 8/26/78 LAST NM N23/83 N38/83
Add Depths
7 fathoms "Rep (1983)" 10°08.5′S 129°32.5′E
22 fathoms "Rep (1983)" 10°07.8′S 129°48.2′E
(25(417)83 Sydney)

E7403 1Ed. 8/26/78 LAST NM N38/83 N39/83
Add Depths
14 fathoms "Rep (1982)" 10°01.20′S 127°33.95′E
14 fathoms "Rep (1982)" 10°37.15′S 128°13.45′E
15 fathoms "Rep (1982)" 10°39.90′S 128°30.10′E
(26(433)83 Sydney)

E7403 1Ed. 8/26/78 LAST NM N39/83 N49/83
Delete Depths
17 fathoms 11°48.5′S 123°17.0′E
15 fathoms "Rep (1945)" 11°44.0′S 124°23.5′E
13 fathoms "Rep (1965)" 11°43.5′S 124°28.0′E
13 fathoms "Rep (1965)" 11°38.9′S 124°20.0′E
5 fathoms 3 feet "Rep (1976)" 11°43.9′S 123°59.5′E
4 fathoms and legend
"Fantome Bank reported to
lie 1.6 miles westward (1976)" 11°38.5′S 123°56.9′E

Add Depths
10 fathoms 4 feet "Rep (1983)" 10°45.2′S 129°16.3′E
9 fathoms 1 foot "Rep (1983)" 10°49.9′S 129°09.5′E
14 fathoms "Rep (1983)" 10°56.4′S 129°20.1′E
12 fathoms "Rep (1983)" 10°50.1′S 129°34.5′E
13 fathoms "Rep (1983)" 10°51.6′S 129°43.2′E
14 fathoms "Rep (1983)" 10°43.5′S 129°38.7′E
14 fathoms "Rep (1983)" 10°37.9′S 129°28.1′E
9 fathoms 4 feet "Rep (1983)" 10°43.4′S 129°53.0′E
27 fathoms "Rep (1983)" 10°28.8′S 129°31.7′E
30 fathoms "Rep (1983)" 10°29.8′S 129°47.3′E
33 fathoms "Rep (1983)" 10°25.6′S 129°48.0′E
12 fathoms (unexamined) 11°47.5′S 123°17.6′E
8 fathoms (unexamined) 11°34.5′S 123°34.4′E
11 fathoms (unexamined) 11°34.3′S 123°41.2′E
4 fathoms 1 foot (unexamined) 11°44.3′S 123°59.0′E
11 fathoms (unexamined) 11°52.6′S 124°23.1′E
9 fathoms 4 feet (unexamined) 11°44.2′S 124°24.6′E
12 fathoms (unexamined) 11°44.8′S 124°29.2′E
9 fathoms (unexamined) 11°41.7′S 124°19.0′E
11 fathoms (unexamined) 11°38.1′S 124°21.8′E
11 fathoms (unexamined) 11°36.3′S 124°18.4′E
11 fathoms (unexamined) 11°35.7′S 124°15.1′E
11 fathoms (unexamined) 11°34.2′S 124°12.4′E
11 fathoms (unexamined) 11°31.5′S 124°14.5′E
11 fathoms (unexamined) 11°31.3′S 124°18.6′E
11 fathoms (unexamined) 11°32.6′S 124°19.8′E
12 fathoms (unexamined) 11°25.5′S 124°19.3′E
12 fathoms (unexamined) 11°15.9′S 124°24.5′E
9 fathoms 4 feet (unexamined) 11°13.6′S 124°25.1′E
4 fathoms (unexamined) with
legend "Fantome Bank" 11°38.5′S 123°55.5′E
9 fathoms "Rep (1982)" 13°25.4′S 125°50.6′E
13 fathoms "Rep (1982)" 13°57.8′S 125°51.7′E
17 fathoms "Rep (1982)" 13°16.4′S 125°47.7′E
19 fathoms "Rep (1982)" 13°20.6′S 125°43.2′E
21 fathoms "Rep (1982)" 13°16.4′S 125°29.4′E
21 fathoms "Rep (1982)" 13°16.3′S 125°38.5′E
21 fathoms "Rep (1982)" 13°26.2′S 125°46.0′E
42 fathoms "Rep (1982)" 14°41.3′S 122°56.9′E
(30(503-505), 32(527)83 Sydney)

E7403 1Ed. 8/26/78 LAST NM N49/83 N51/83
Add Depth 169 fathoms "Rep (1983)" 13°33.5′S 123°08.7′E
(41(678)83 Sydney)

E7403 1Ed. 8/26/78 LAST NM N51/83 N39/85
Add Depth 12 fathoms "Rep (1985)" 11°44.6′S 124°58.2′E
(30(449)85 Sydney)

E7403 1Ed. 8/26/78 LAST NM N39/85 N36/86
Change Lights to
Fl 25M 10°29.1′S 121°50.1′E
Fl(3) 20M 10°26.7′S 121°52.4′E
Fl(2) 21M 10°44.0′S 123°03.0′E
Fl 29M 10°10.0′S 123°35.2′E
(25(308-310, 312)86 Jakarta)

E7403 1Ed. 8/26/78 LAST NM N36/86 N1/87
Add Depth 13 fathoms "Rep (1986)" 10°28.0′S 128°42.2′E
(45(635)86 Sydney)

E7403 1Ed. 8/26/78 LAST NM N1/87 N20/91
Change Light to Fl 13M 10°10.0′S 123°35.2′E
(7(49)91 Jakarta)

E7403 1Ed. 8/26/78 LAST NM N20/91 N33/91
Add Depth 10 fathoms 1 foot "Rep (1991)"
10°43.1′S 125°56.0′E
(23(286)91 Sydney)

E7403 1Ed. 8/26/78 LAST NM N33/91 N14/92
Add Depth 16 fathoms (ED) 11°00′S 124°26′E
(47(598)91 Sydney)

E7403 1Ed. 8/26/78 LAST NM N14/92 N50/92
Change Light to Fl 5s 17M 15°31′S 123°09′E
(22(349)92 Sydney; BA LL)

E7403 1Ed. 8/26/78 LAST NM N50/92 N4/93
Delete Depth 15 fathoms "Rep (1974)" 11°01′S 125°42′E

Add Depth 4 fathoms 1 foot "Rep (1992)" 10°58.3′S 125°42.4′E
(30(487)92 Sydney)

E7403 1Ed. 8/26/78 LAST NM N4/93 N38/93
Delete R Bn at light 14°07′S 123°33′E
(24(300)93 Sydney)

E7403 1Ed. 8/26/78 LAST NM N38/93 N2/94
Substitute Depth 577 fathoms for 53 fathoms 10°09′S 126°12′E
(41(493)93 Sydney)

E7403 1Ed. 8/26/78 LAST NM N2/94 N38/94
Relocate Latitude designation "30′"
close N to 10°30′S 127°00′E
(DMAHTC)

E7403 1Ed. 8/26/78 LAST NM N38/94 N5/96
Delete Depth
15 fathoms 10°23′S 126°38′E
17 fathoms 10°29′S 126°35′E

Substitute Depth 7 fathoms 1 foot
for 9 fathoms 2 feet 11°53.4′S 123°19.2′E

Add Depth
12 fathoms 10°09.9′S 126°44.2′E
13 fathoms 10°21.9′S 126°37.4′E
14 fathoms 10°25.7′S 126°35.3′E
12 fathoms 10°28.7′S 126°33.9′E
12 fathoms 10°48.7′S 125°44.8′E
13 fathoms 11°27.4′S 125°13.6′E
11 fathoms 11°24.8′S 124°30.4′E
10 fathoms 3 feet 11°32.8′S 123°44.4′E
(46(559)95 Wollongong)

E7403 1Ed. 8/26/78 LAST NM N5/96 N31/96
Delete Depth 15 fathoms 12°16′S 129°28′E

Add Depth 8 fathoms 3 feet 12°16.4′S 129°29.3′E
(23(315)96 Wollongong)

E7403 1Ed. 8/26/78 LAST NM N31/96 N39/96
Add Danger circle "Well" 12°12′S 124°30′E
(20(269)96 Wollongong)

E7403 1Ed. 8/26/78 LAST NM N39/96 N24/97
Add Danger circle "Well" 10°37.9′S 126°02.4′E
10°52.7′S 126°35.2′E
11°02.5′S 126°36.3′E
11°04.0′S 126°38.8′E
11°04.5′S 126°34.4′E
11°01.5′S 126°29.0′E
10°35.4′S 125°57.4′E
11°23.3′S 125°44.9′E
11°56.2′S 125°28.4′E
11°56.4′S 127°54.7′E
(37(637)96 Wollongong)

E7403 1Ed. 8/26/78 LAST NM N24/97 N28/97
Add Dotted-line circle "Well" 10°53′S 126°32′E
10°51′S 126°28′E
11°07′S 126°36′E
(4(96)97 Wollongong)

E7403 1Ed. 8/26/78 LAST NM N28/97 N43/97
Add Danger circle "Well" 10°51′S 126°28′E
(8(218)97 Wollongong)

E7403 1Ed. 8/26/78 LAST NM N43/97 N44/97
Delete Depth
10 fathoms 1 foot "Rep (1991)" 10°43′S 125°56′E
4 fathoms 10°44′S 125°40′E
8 fathoms 3 feet 10°54′S 125°38′E
4 fathoms 1 foot "Rep (1992)" 10°58′S 125°42′E
10 fathoms 2 feet "Rep (1970)" 11°36′S 124°32′E

Add Depth
18 fathoms 10°40.2′S 126°25.1′E
8 fathoms 10°43.0′S 125°56.9′E
7 fathoms 2 feet 10°42.1′S 125°51.9′E
7 fathoms 3 feet 10°41.4′S 125°49.6′E
9 fathoms 4 feet 10°42.5′S 125°49.2′E
12 fathoms 10°45.4′S 125°44.5′E
7 fathoms 10°47.4′S 125°43.3′E
9 fathoms 3 feet 11°30.6′S 125°16.7′E
7 fathoms 3 feet 11°31.2′S 124°37.2′E
15 fathoms 11°33.8′S 124°33.1′E
8 fathoms 4 feet 11°25.0′S 124°31.7′E
(16(451), 17(479)97 Wollongong)

E7403 1Ed. 8/26/78 LAST NM N44/97 N10/98
Add Danger circle "Wells" 12°48′S 128°27′E
(37(637)96 Wollongong)

E7403 1Ed. 8/26/78 LAST NM N10/98 N33/98
Substitute Depth 6¾ fathoms for 7 fathoms "Rep (1983)" 10°08′S 129°33′E
(10(259)98 Wollongong)

E7403 1Ed. 8/26/78 LAST NM N33/98 N39/98
Add Depth 5 fathoms 4 feet 11°48.6′S 124°56.7′E
Danger circle "Well" 11°51.4′S 124°54.2′E
(21(575), 22(606)97 Wollongong)

E7403 1Ed. 8/26/78 LAST NM N39/98 N49/98
Add Danger circle "Well" 10°35.5′S 126°59.5′E
11°02.7′S 126°33.0′E
11°05.8′S 126°44.6′E
(19(533)98 Wollongong)

★**E7502** 1Ed. 8/26/78 NEW CHART N47/78
(DMAHTC)

E7502 1Ed. 8/26/78 LAST NM N47/78 N6/80
Add Depth 12 fathoms "Rep (1979)" 6°20′S 111°10′E
(20(1235)79 Taunton)

E7502 1Ed. 8/26/78 LAST NM N6/80 N46/80
Add Dangerous wreck (PA) 3°51′S 112°36′E
(27(292)80 Jakarta)

E7502 1Ed. 8/26/78 LAST NM N46/80 N48/80
Add Wreck (PA) 6°19.1′S 115°08.0′E
(30(326)80 Jakarta)

E7502 1Ed. 8/26/78 LAST NM N48/80 N12/81
Add Depths
42 fathoms 5°43.2′S 116°33.3′E
27 fathoms 5°41.7′S 116°27.5′E
29 fathoms 5°34.7′S 116°01.8′E
15 fathoms 5°17.0′S 114°51.3′E
17 fathoms 5°40.4′S 116°22.4′E
(6(327)81 Taunton)

E7502 1Ed. 8/26/78 LAST NM N12/81 N36/82
Add Depth 6 fathoms "Rep (1982)" (PA) 3°44.0′S 117°06.0′E
(12(747)82 Taunton)

E7502 1Ed. 8/26/78 LAST NM N36/82 N36/83
Add Depths
7 fathoms "Rep (1983)" 3°17.1′S 117°41.2′E
6 fathoms "Rep (1983)" 4°46.8′S 116°38.8′E
10 fathoms "Rep (1983)" 5°11.0′S 116°48.6′E
(NVS6967/83)

E7502 1Ed. 8/26/78 LAST NM N36/83 N49/83
Add Depth 7 fathoms 4°35.2′S 116°58.3′E
(NVS6546/81)

E7502 1Ed. 8/26/78 LAST NM N49/83 N51/83
Substitute Depth 1 fathom 3 feet for 3 fathoms 3 feet 3°04.5′S 117°42.6′E

Add Depths
15 fathoms 3°06.9′S 118°23.4′E
3 fathoms 4 feet 3°37.0′S 117°24.9′E
11 fathoms 3°25.3′S 118°01.8′E
15 fathoms 3°26.9′S 117°53.5′E
13 fathoms 3°28.4′S 117°52.9′E
12 fathoms 3°26.3′S 118°04.7′E
14 fathoms 3°25.4′S 118°06.5′E
16 fathoms 3°26.3′S 117°57.2′E
(NVS7123/83)

E7502 1Ed. 8/26/78 LAST NM N51/83 N2/84
Add Light Fl(3) 25M (PA) 8°48.5′S 115°35.6′E
(47(3068)83 Taunton)

E7502 1Ed. 8/26/78 LAST NM N2/84 N5/84
Add Depths
14 fathoms 3°33.4′S 117°47.2′E
12 fathoms 3°34.6′S 117°41.7′E
13 fathoms 3°37.9′S 117°39.6′E
11 fathoms 3°42.4′S 117°37.0′E
(NVS7168/84)

E7502 1Ed. 8/26/78 LAST NM N5/84 N9/84
Add Light Gp Fl 19M 8°24′S 115°43′E
(2(111)84 Taunton)

E7502 1Ed. 8/26/78 LAST NM N9/84 N14/84
Add Light Fl 16M 5°06.0′S 117°03.8′E
(6(364)84 Taunton)

E7502 1Ed. 8/26/78 LAST NM N14/84 N36/84
Delete Random legend "Fl" 5°30.5′S 114°27.6′E

Change Light to Fl(3) 35M 5°33.0′S 114°26.0′E
(28(1833)84 Taunton; BA LL)

E7502 1Ed. 8/26/78 LAST NM N36/84 N39/84
Add Depths
13 fathoms 5°32.4′S 116°09.5′E
16 fathoms 5°32.4′S 116°13.8′E
(23(201)84 Jakarta)

E7502 1Ed. 8/26/78 LAST NM N39/84 N43/84
Add Depth 7 fathoms 4 feet "Rep (1982)" 3°57.1′S 117°09.8′E
(14(132)82 Jakarta)

E7502 1Ed. 8/26/78 LAST NM N43/84 N2/85
Add Danger circles "Unexploded ordnance Rep (1984)" 5°54.5′S 112°18.5′E
3°42.0′S 111°02.0′E
(38(324), 41(358)84 Jakarta)

E7502 1Ed. 8/26/78 LAST NM N2/85 N5/85
Change Light to Fl R 11M 7°43.0′S 113°13.0′E

Add Racon to light 6°56.1′S 112°43.1′E
(24(213), 25(219)84 Jakarta)

E7502 1Ed. 8/26/78 LAST NM N5/85 N6/85
Change Light to Fl G 11M, Fl R 4M 7°43.0′S 113°13.0′E
(See N5/85-E7502)
(25(219), 40(348)84 Jakarta)

E7502 1Ed. 8/26/78 LAST NM N6/85 N8/85
Add Wreck marked by buoy 6°43.8′S 114°16.6′E
(50(447)84 Jakarta)

E7502 1Ed. 8/26/78 LAST NM N8/85 N28/85
Add Depth 6 fathoms 5 feet 5°22.3′S 117°40.8′E
(HNNM7490/85)

E7502 1Ed. 8/26/78 LAST NM N28/85 N32/85
Add Depth 5 fathoms 1 foot 5°49.3′S 118°29.2′E
(HNNM7513/85)

E7502 1Ed. 8/26/78 LAST NM N32/85 N38/85
Add Depths
278 fathoms 4°50.7′S 118°25.2′E
226 fathoms 4°16.2′S 117°22.5′E
143 fathoms 5°03.8′S 118°07.5′E
119 fathoms "Rep (1984)" (PA) 8°55.0′S 115°40.0′E
310 fathoms "Rep (1984)" (PA) 9°02.0′S 115°52.0′E
(HNNM7559/85)

E7502 1Ed. 8/26/78 LAST NM N38/85 N41/85
Add Depth 330 fathoms "Rep (1964)" 4°50′S 118°23′E
(HNNM7581/85)

E7502 1Ed. 8/26/78 LAST NM N41/85 N43/85
Add Light Fl 17M 3°30.6′S 111°46.4′E
(35(2338)85 Taunton)

E7502 1Ed. 8/26/78 LAST NM N43/85 N9/86
Add Depth 15 fathoms "Rep (1983)" (PA) 5°10′S 116°39′E
(HNNM 7690/86)

E7502 1Ed. 8/26/78 LAST NM N9/86 N15/86
Add Depths
13 fathoms 5°30′S 116°30′E
13 fathoms 5°35′S 116°24′E
(4(92)86 Sydney)

E7502 1Ed. 8/26/78 LAST NM N15/86 N30/86
Substitute Depth 5 fathoms for 6 fathoms 8°33.6′S 114°38.8′E
(15(195)86 Jakarta)

E7502 1Ed. 8/26/78 LAST NM N30/86 N40/86
Add Depth 373 fathoms "Rep (1983)" 9°29.0′S 110°33.4′E
(MCNM7808/86)

E7502 1Ed. 8/26/78 LAST NM N40/86 N4/87
Add Depth 19 fathoms "Rep (1986)" 5°44.0′S 116°24.1′E
(45(3303)86 Taunton)

E7502 1Ed. 8/26/78 LAST NM N4/87 N9/87
Add Depths
8 fathoms 1 foot 6°08.0′S 118°16.4′E
7 fathoms 2 feet 6°07.2′S 118°19.2′E
10 fathoms 6°04.3′S 118°17.8′E
5 fathoms 3 feet 5°53.0′S 118°32.3′E
6 fathoms 4 feet 5°43.6′S 118°12.0′E
4 fathoms 1 foot 5°38.3′S 118°18.3′E
5 fathoms 1 foot 5°37.0′S 118°20.9′E
9 fathoms 2 feet 5°16.5′S 117°32.8′E
9 fathoms 4 feet 5°19.3′S 117°30.0′E
13 fathoms 5°20.7′S 117°32.5′E
9 fathoms 5 feet 5°23.3′S 117°35.4′E
8 fathoms 2 feet 5°25.6′S 117°38.8′E
7 fathoms 2 feet 5°23.9′S 117°44.7′E
5 fathoms 4 feet 5°29.0′S 117°49.0′E
5 fathoms 5 feet 5°27.5′S 117°53.2′E
19 fathoms 5°44.1′S 117°47.8′E
8 fathoms 3 feet 5°32.3′S 117°38.8′E
7 fathoms 2 feet 5°33.4′S 117°44.5′E
11 fathoms 5°50.2′S 117°03.7′E
5 fathoms 5°47.9′S 117°06.8′E
13 fathoms 5°43.3′S 117°28.1′E
15 fathoms 5°31.7′S 117°32.7′E
18 fathoms 5°42.1′S 117°32.1′E
18 fathoms 5°41.6′S 117°35.8′E
11 fathoms 5°35.1′S 117°31.3′E
17 fathoms 5°33.2′S 117°34.1′E
5 fathoms 5°53.9′S 117°18.7′E
(MCNM7897/87)

E7502 1Ed. 8/26/78 LAST NM N9/87 N33/89
Add R Bn at lights 3°34.1′ 118°56.0′E
5°24.2′S 118°26.1′E
(23(191, 192)89 Jakarta)

E7502 1Ed. 8/26/78 LAST NM N33/89 N4/91
Add Light symbols 5°42.3′S 119°46.5′E
5°24.8′S 117°56.8′E
(36(236, 237)90 Jakarta)

E7502 1Ed. 8/26/78 LAST NM N4/91 N15/91
Change Visibility (range) of light to 20M 5°33.0′S 114°26.0′E
(52(454)90 Jakarta)

E7502 1Ed. 8/26/78 LAST NM N15/91 N48/94
Change Visibility (range) of light to 7M 7°05′S 114°16′E
(39(3286)94 Taunton)

E7502 1Ed. 8/26/78 LAST NM N48/94 N27/95
Substitute Dangerous submerged rock for light 7°21.7′S 113°10.1′E
(Indo CH 82)

E7502 1Ed. 8/26/78 LAST NM N27/95 N12/96
Add Danger circle "Obstn" 6°21′S 113°01′E
(45(3710)95 Taunton)

E7502 1Ed. 8/26/78 LAST NM N12/96 N22/96
Add Light Fl 18M 8°22.8′S 113°28.1′E
(14(1226)96 Taunton)

E7502 1Ed. 8/26/78 LAST NM N22/96 N28/96
Add "SUBMARINE EXERCISE AREA" bound by
purple dashed line joining 7°14.2′S 114°20.5′E
7°14.2′S 114°41.0′E
7°23.7′S 114°41.0′E
7°23.7′S 114°20.5′E
Dotted-line circle "Well" 7°16.6′S 114°15.2′E
(BA CH 945)

E7502 1Ed. 8/26/78 LAST NM N28/96 N40/96
Add Wreck 5°45′S 110°57′E
(BA CH 3731)

E7502 1Ed. 8/26/78 LAST NM N40/96 N4/97
Add Light Fl 18M 8°12.7′S 116°22.1′E
(47(3900)96 Taunton)

E7502 1Ed. 8/26/78 LAST NM N4/97 N5/97
Change Light to Fl 19M 5°24.2′S 119°11.4′E
(BA LL)

★**E7503** 1Ed. 7/29/78 NEW CHART N38/78
(DMAHTC)

E7503 1Ed. 7/29/78 LAST NM N38/78 N21/91
Delete Danger circle "Obstr (rep 1978)" 13°29′S 115°46′E
(7(113)91 Sydney)

★**E7504** 1Ed. 8/10/85 NEW CHART N48/85
(DMAHTC)

E7504 1Ed. 8/10/85 LAST NM N48/85 N52/93
Add Platform 19°39.2′S 115°55.7′E
(39(464)93 Sydney)

E7504 1Ed. 8/10/85 LAST NM N52/93 N24/94
Add Superbuoy SBM with light flare symbol
21°13.4′S 114°38.7′E
(14(192)94 Sydney)

★**E7505** 1Ed. 7/30/88 NEW CHART N44/88
(DMAHTC)

E7505 1Ed. 7/30/88 LAST NM N44/88 N46/94
Delete R Bn (AERO) 28°47′S 114°39′E
(35(441)94 Sydney)

★**E7602** 1Ed. 9/23/78 NEW CHART N1/79
(DMAHTC)

E7602 1Ed. 9/23/78 LAST NM N1/79 N5/81
Add "Explosives Dumping Area" bound by purple dashed line joining 8°07′S 109°00′E
8°07′S 109°05′E
8°10′S 109°05′E
8°10′S 109°00′E
(43(464)80 Jakarta)

E7602 1Ed. 9/23/78 LAST NM N5/81 N14/84
Add Depth 232 fathoms 8°23.8′S 109°42.2′E
(6(367)84 Taunton)

E7602 1Ed. 9/23/78 LAST NM N14/84 N35/84
Add Light Fl(3) 15M 5°55.8′S 104°43.0′E
(18(159)84 Jakarta; 37(2395)83 Taunton)

E7602 1Ed. 9/23/78 LAST NM N35/84 N14/89
Add Light Fl(4) 20M 5°21.0′S 102°17.4′E
(4(38)89 Jakarta)

E7602 1Ed. 9/23/78 LAST NM N14/89 N43/93
Delete Light 5°55′S 104°43′E

Change Light to
Fl(2) 41M 5°56′S 104°32′E
Fl(3) 24M 6°44′S 105°13′E
Fl(4) 32M 5°58′S 106°50′E

Add Light Fl 14M R Bn 5°41.5′S 105°42.5′E
(BA CH 1653A; BA LL)

E7602 1Ed. 9/23/78 LAST NM N43/93 N34/96
Add Wreck 5°50′S 109°01′E
(35(236)95 Jakarta)

E7602 1Ed. 9/23/78 LAST NM N34/96 N35/96
Add Dangerous wreck 6°07.9′S 108°26.0′E
Dangerous wreck (PA) 3°50.0′S 107°19.0′E
(5(395), 6(500)96 Taunton)

E7602 1Ed. 9/23/78 LAST NM N35/96 N39/96
Add Dangerous wreck 4°49′S 107°06′E
(18(1542)96 Taunton)

E7602 1Ed. 9/23/78 LAST NM N39/96 N3/97
Add Depth
5 fathoms 3°35′S 107°19′E
5 fathoms 4 feet 3°47′S 107°10′E
(43(3557)96 Taunton)

E7602 1Ed. 9/23/78 LAST NM N3/97 N9/98
Add Danger circle "Obstn" with light symbol 4°40′S 106°36′E
(38(263)97 Jakarta)

E7602 1Ed. 9/23/78 LAST NM N9/98 N50/98
Add Position circle "Pipe rep (1997)" (PA) 4°07.0′S 108°04.5′E
(38(3415)97 Taunton)

★E7603 1Ed. 8/5/78 NEW CHART N39/78
(DMAHTC)

E7603 1Ed. 8/5/78 LAST NM N39/78 N17/85
Add R Bn (AERO) (PA) 10°25.9′S 105°44.1′E
(FLIP)

E7603 1Ed. 8/5/78 LAST NM N17/85 N11/87
Delete Light 10°33′S 105°41′E
(2(38)87 Sydney)

E7603 1Ed. 8/5/78 LAST NM N11/87 N27/89
Delete Latitude designation "30″" 16°25′S 107°04′E

Add Latitude designation "30″" 16°30′S 107°04′E
(DMAHTC)

★E7702 1Ed. 8/26/78 NEW CHART N42/78
(DMAHTC)

★E7703 1Ed. 8/5/78 NEW CHART N38/78
(DMAHTC)

E7703 1Ed. 8/5/78 LAST NM N38/78 N11/85
Delete Depth 8.5 Obstr "Rep (1973)" 13°14.0′S 96°04.8′E

Add Depth 10 fathoms and legend "Muirfield Seamount" 13°09.0′S 96°10.2′E
(47(787)84 Sydney)

★E7704 1Ed. 9/29/84 NEW CHART N48/84
Add Danger circle "Discol water rep (1981)" 17°19′S 97°04′E
(DMAHTC; 28(412)81 Sydney)

★E7802 1Ed. 1/16/82 NEW CHART N13/82
(DMAHTC)

★E7803 1Ed. 9/8/84 NEW CHART N3/88
(DMAHTC)

★E7804 1Ed. 8/4/84 NEW CHART N41/84
Delete Depth 70 fathoms "Rep (1981)" (PA) 18°12′S 88°04′E
(DMAHTC; NVS7273/84)

★E7902 1Ed. 2/13/82 NEW CHART N15/82
(DMAHTC)

E7902 1Ed. 2/13/82 LAST NM N15/82 N28/82
Add Depth 99 fathoms "Rep (1982)" (PA) 7°20.1′S 72°00.0′E

Change Legend "CATALOG 1-N-S" to "CATALOG 1-N-A" in upper right margin of chart
(NVS6692/82)

★E7902 1Ed. 2/13/82 LAST NM N28/82 N40/83
Add Depths
50 fathoms 7°05.5′S 72°03.2′E
140 fathoms "Rep (1983)" (PA) 6°51.2′S 72°03.5′E
123 fathoms 6°51.4′S 72°12.0′E
167 fathoms "Rep (1982)" 6°47.4′S 71°09.2′E
102 fathoms "Rep (1982)" 7°38.4′S 71°24.0′E
145 fathoms "Rep (1982)" 7°45.3′S 70°53.0′E
(NVS7028, 7030, 7035/83)

★E7902 1Ed. 2/13/82 LAST NM N40/83 N22/85
Add Depths
48 fathoms "Rep (1983)" (PA) 7°14.2′S 72°21.7′E
125 fathoms "Rep (1983)" (PA) 7°51.1′S 71°24.8′E
189 fathoms "Rep (1983)" (PA) 7°53.0′S 71°29.3′E
192 fathoms "Rep (1984)" (PA) 7°56.1′S 71°28.1′E
260 fathoms "Rep (1983)" (PA) 7°57.5′S 71°05.1′E
190 fathoms "Rep (1983)" (PA) 8°00.7′S 70°55.2′E
(NVS7458/85)

E7902 1Ed. 2/13/82 LAST NM N22/85 N24/97
Delete Stranded wreck 5°13.0′S 72°26.5′E

Add Dangerous wreck 5°12.4′S 72°27.2′E
(13(1158)97 Taunton)

E7902 1Ed. 2/13/82 LAST NM N24/97 N40/97
Add Depth 173 fathoms 8°46.5′S 70°17.0′E
(27(2361)97 Taunton)

E7902 1Ed. 2/13/82 LAST NM N40/97 N44/97
Add Depth 319 fathoms 8°20.0′S 71°22.0′E
(29(2572)97 Taunton)

★E7903 1Ed. 3/10/84 NEW CHART N39/84
(DMAHTC)

★**E8002** 1Ed. 2/13/82 NEW CHART N15/82
(DMAHTC)

★**E8003** 1Ed. 3/31/84 NEW CHART N37/84
(DMAHTC)

★**E8004** 1Ed. 3/31/84 NEW CHART N37/84
(DMAHTC)

E8004 1Ed. 3/31/84 LAST NM N37/84 N37/85
Add Depth 22 fathoms "Rep (1985)" 19°42.0′S 64°21.6′E
(30(1983)85 Taunton)

E8004 1Ed. 3/31/84 LAST NM N37/85 N34/95
Delete R Bn (AERO) 19°43′S 63°23′E
(BA RA)

★**E8102** 1Ed. 5/22/82 NEW CHART N29/82
Change Legend "CATALOG 1-N-S" to "CATALOG 1-N-A" in upper right corner of chart
(DMAHTC)

E8102 1Ed. 5/22/82 LAST NM N29/82 N22/85
Add Depth 10 fathoms 5 feet "Rep (1985)" 6°27.0′S 58°10.0′E
(11(766)85 Taunton)

E8102 1Ed. 5/22/82 LAST NM N22/85 N38/85
Add Depths
20 fathoms 6°29′S 57°10′E
12 fathoms "Rep (1985)" 6°26′S 58°31′E
(30(1984)85 Taunton)

E8102 1Ed. 5/22/82 LAST NM N38/85 N27/86
Add Depth 293 fathoms "Rep (1977)" (PA) 8°07.3′S 59°52.0′E
(MCNM7777/86)

E8102 1Ed. 5/22/82 LAST NM N27/86 N37/88
Add Depth 26 fathoms 6°42.9′S 56°31.5′E
(28(2125)88 Taunton)

E8102 1Ed. 5/22/82 LAST NM N37/88 N34/90
Add Depth 107 fathoms 8°39′S 51°36′E
(9(38)90 Brest)

E8102 1Ed. 5/22/82 LAST NM N34/90 N11/92
Add R Bn (AERO) 7°08.5′S 56°16.2′E
(50(3553)91 Taunton)

E8102 1Ed. 5/22/82 LAST NM N11/92 N40/95
Add Depth 355 fathoms 9°15′S 53°00′E
(24(23)95 Brest)

★**E8103** 1Ed. 5/5/84 NEW CHART N37/84
Delete Light 14°15.1′S 50°09.2′E

Relocate Light close NW to 14°52.6′S 50°15.3′E
and change visibility (range) to 13M
Note: Aero R Bn remains

Change Lights to
FG 5M 13°21.0′S 50°00.9′E
(AERO) Fl(2) 17M 15°15.8′S 50°27.5′E

Visibility (range) of light to 18M 15°58.5′S 50°14.0′E

Add Legend "Fl 11M" to light 15°50.1′S 54°32.0′E
Depth 6 fathoms (PA) 10°08.0′S 51°00.0′E
(DMAHTC; BA LL; BA CH 758)

E8103 1Ed. 5/5/84 LAST NM N37/84 N30/95
Delete R Bn (AERO) 14°58′S 50°18′E
(22(1745)95 Taunton)

★**E8104** 1Ed. 5/5/84 NEW CHART N37/84
Delete Lights 21°13.1′S 48°21.3′E
22°08.0′S 48°01.8′E
22°49.9′S 47°50.0′E

Change Characteristic of light to Fl R 20°09.1′S 57°28.8′E
(DMAHTC; BA LL)

E8104 1Ed. 5/5/84 LAST NM N37/84 N4/89
Add R Bn (AERO) 20°16.8′S 57°20.8′E
(46(3437)88 Taunton)

E8104 1Ed. 5/5/84 LAST NM N4/89 N11/89
Change Light to Iso R 10M 20°09.1′S 57°28.8′E
(BA LL)

E8104 1Ed. 5/5/84 LAST NM N11/89 N17/95
Change Visibility (range) of light to
21M 20°54′S 55°16′E
23M 20°53′S 55°36′E
(42(37)94 Brest)

E8104 1Ed. 5/5/84 LAST NM N17/95 N35/95
Change Light to Fl(4) 26M 22°07′S 48°02′E
(BA LL; BA RA)

E8104 1Ed. 5/5/84 LAST NM N35/95 N38/96
Delete R Bn (AERO) 20°26′S 57°41′E
(BA RA)

E8104 1Ed. 5/5/84 LAST NM N38/96 N43/97
Add Legend "CAUTION NO 3" 21°02′S 55°30′E

Caution No. 3 to CAUTIONS note in upper right margin of chart
"3. Fish Aggregating Devices (FADs) are present in deep water around Ile de la Reunion. The floats are fitted with multiple orange, red or yellow ball topmarks and a radar reflector. Caution is advised, as the watch circle may have a radius of up to one mile. Users are advised to consult larger scale chart coverage and Sailing Directions for details on FADs."
(NIMA; Fr CH 7183, 7222)

★**E8202** 1Ed. 1/23/82 NEW CHART N15/82
(DMAHTC)

E8202 1Ed. 1/23/82 LAST NM N15/82 N42/90
Add Depth 65 fathoms "Rep (l990)" 3°26.7′S 40°07.1′E
(MCNM 1021/90)

★**E8203** 1Ed. 1/30/82 NEW CHART N15/82
(DMAHTC)

E8203 1Ed. 1/30/82 LAST NM N15/82 N32/86
Delete Depth 9 fathoms "Rep (1943)" 12°41.0′S 41°36.3′E
(MCNM7792/86)

E8203 1Ed. 1/30/82 LAST NM N32/86 N3/88
Add Depth 22 fathoms 12°14.7′S 47°43.8′E
(38(43)87 Brest)

E8203 1Ed. 1/30/82 LAST NM N3/88 N47/91
Delete Depths
16 fathoms 12°17.0′S 47°04.8′E
21 fathoms 12°18.5′S 46°58.0′E
23 fathoms 12°20.5′S 47°00.9′E

Dangerous submerged rocks and legends
"Breakers (1958)" (ED) 12°13.2′S 46°12.3′E
"Breakers (1958)" (PA) 11°52.0′S 46°27.7′E
"Reef Rep (1974)" 11°42.2′S 46°18.1′E

Dangerous submerged rock (ED) 11°59.2′S 46°26.7′E
(26(28)91 Brest)

E8203 1Ed. 1/30/82 LAST NM N47/91 N38/96
Delete R Bn (AERO) 15°40′S 46°20′E
(BA RA)

E8203 1Ed. 1/30/82 LAST NM N38/96 N4/97
Add Depth
36 fathoms (PD) 12°43.2′S 48°05.7′E
8 fathoms 4 feet (ED) 12°02.0′S 44°23.0′E
(47(3879, 3880)96 Taunton)

★E8204 1Ed. 2/13/82 NEW CHART N15/82
Delete Chart number 8304 from chart index in right margin of chart
(DMAHTC)

E8204 1Ed. 2/13/82 LAST NM N15/82 N34/85
Add Depth 70 fathoms 21°48.1′S 35°37.9′E
(26(1725)85 Taunton)

E8204 1Ed. 2/13/82 LAST NM N34/85 N17/86
Relocate Latitude designations
"30" 10 miles S to 22°30′S 34°57′E
"30′" 10 miles N 19°30′S 34°57′E

Add Depth 55 fathoms 22°19.6′S 35°43.0′E
(9(82)85 Cape Town; DMAHTC)

E8204 1Ed. 2/13/82 LAST NM N17/86 N17/96
Change Visibility (range) of light to 24M 21°31.1′S 35°28.9′E
(BA LL)

★E8205 1Ed. 2/13/82 NEW CHART N15/82
(DMAHTC)

E8205 1Ed. 2/13/82 LAST NM N15/82 N20/82
Add Depth 257 fathoms 24°46′S 42°53′E
(1(83)81 Cape Town)

E8205 1Ed. 2/13/82 LAST NM N20/82 N41/83
Add Depth 326 fathoms "Rep (1983)" 26°53.7′N 46°01.2′E
(33(2146)83 Taunton)

E8205 1Ed. 2/13/82 LAST NM N41/83 N43/83
Add Depth 326 fathoms "Rep (1983)" 26°53.7′S 46°01.2′E
(Cancels N41/83-E8205)
(33(2146)83 Taunton)

E8205 1Ed. 2/13/82 LAST NM N43/83 N43/84
Add Depth 66 fathoms (PA) 25°30.0′S 47°22.5′E
(36(2363)84 Taunton)

E8205 1Ed. 2/13/82 LAST NM N43/84 N38/96
Delete R Bn (AERO) 23°24′S 43°44′E
(BA RA)

★E8305 1Ed. 2/20/82 NEW CHART N15/82
Add Note
"NOTE
"OMEGA" Australia Station G, is under construction and is scheduled to become operational in 1982. Users will be notified by Notice to Mariners and the normal OMEGA information sources when the station begins operation." in right margin of chart
(DMAHTC)

E8305 1Ed. 2/20/82 LAST NM N15/82 N5/83
Change Light to Fl(2) 15M 26°51.3′S 32°53.3′E
(45(2745)82 Taunton)

E8305 1Ed. 2/20/82 LAST NM N5/83 N42/84
Add Depth 105 fathoms (PA) 28°40′S 32°40′E
(36(2358)84 Taunton)

E8305 1Ed. 2/20/82 LAST NM N42/84 N43/84
Add Depth 191 fathoms (PA) 26°25.0′S 34°19.5′E
(36(2359)84 Taunton)

E8305 1Ed. 2/20/82 LAST NM N43/84 N38/85
Add Light Fl 25M R Bn 28°08.9′S 32°33.1′E
(7(59)85 Cape Town)

E8305 1Ed. 2/20/82 LAST NM N38/85 N24/86
Add Depth 110 fathoms 28°46.0′S 32°34.5′E
(BA CH 2088)

E8305 1Ed. 2/20/82 LAST NM N24/86 N35/86
Add Light Fl(4) 25M R Bn 27°33.9′S 32°42.5′E
(6(57)86 Cape Town)

E8305 1Ed. 2/20/82 LAST NM N35/86 N34/95
Delete R Bn (AERO) 25°52′S 32°36′E
(BA RA)

★E8306 1Ed. 4/20/85 NEW CHART N26/85
Add "EXPLOSIVES DUMPING AREA" bound by purple dashed-line circle, radius five miles, centered 30°28′S 31°21′E
(DMAHTC; 4(40)85 Cape Town)

E8306 1Ed. 4/20/85 LAST NM N26/85 N5/90
Add "Unexploded Ordnance" area bound by purple dashed-line circle, radius 5 miles, centered 30°40′S 32°00′E
(11(64)89 Cape Town)

E8306 1Ed. 4/20/85 LAST NM N5/90 N12/96
Add Wreck 30°02′S 31°06′E
(10(100)95 Cape Town)

★E8406 1Ed. 8/3/85 NEW CHART N47/85
(DMAHTC)

E8406 1Ed. 8/3/85 LAST NM N47/85 N5/90
Add "Unexploded Ordnance" area bound by purple dashed-line circle, radius 5 miles, centered 33°30′S 29°00′E

Purple dashed-line arc of a circle, radius 5 miles
centered 35°00′S 26°10′E
arc joining 35°00′S 26°04′E
34°55′S 26°10′E
35°00′S 26°16′E

Legend "Unexploded Ordnance" 34°57′S 26°10′E
(11(64)89 Cape Town)

E8406 1Ed. 8/3/85 LAST NM N5/90 N46/96
Delete R Bn (AERO) 34°00′S 22°31′E
(BA RA)

E8406 1Ed. 8/3/85 LAST NM N46/96 N33/97
Add Wreck (PA) 31°39.3′S 29°40.4′E
(6(75)97 Cape Town)

★E8407 1Ed. 5/11/85 NEW CHART N35/85
(DMAHTC)

E8407 1Ed. 5/11/85 LAST NM N35/85 N5/90
Add "Unexploded Ordnance" area bound by purple dashed-line circle, radius 5 miles, centered 36°10′S 24°10′E

Purple dashed-line arc of a circle radius 5 miles, centered 35°00′S 26°10′E
arc joining 35°00′S 26°04′E
35°05′S 26°10′E
35°00′S 26°16′E

Legend "Unexploded Ordnance" 35°03′S 26°10′E
(11(64)89 Cape Town)

E8407 1Ed. 5/11/85 LAST NM N5/90 N49/96
Add Depth 131 fathoms 35°38.3′S 22°34.0′E
(8(86)96 Cape Town)

E8407 1Ed. 5/11/85 LAST NM N49/96 N50/97
Add Wreck (PA) 35°11′S 21°00′E
(9(104)97 Cape Town)

E8407 1Ed. 5/11/85 LAST NM N50/97 N32/98
Add Platform with light flare symbol 35°14.0′S 21°29.9′E
Legend "Oribi Oilfield" 35°13.2′S 21°27.6′E
(6(68)98 Cape Town)

★E8502 1Ed. 7/19/80 NEW CHART N40/80
Delete R Bn (AERO) 6°00′S 12°24′E
(DMAHTC; BA RA)

E8502 1Ed. 7/19/80 LAST NM N40/80 N18/95
Add Platform 7°12.2′S 12°23.5′E
(6(33)95 Brest)

E8502 1Ed. 7/19/80 LAST NM N18/95 N28/95
Add "OIL FIELD" area bound by
purple dashed line joining 5°11′S 11°32′E
5°16′S 11°38′E
5°18′S 11°32′E
(14(1197)95 Taunton)

E8502 1Ed. 7/19/80 LAST NM N28/95 N40/96
Add Platform with light flare symbol 5°23′S 11°40′E
(26(2154)96 Taunton)

★E8503 1Ed. 7/19/80 NEW CHART N42/80
Add Depth 10 fathoms Rep (1974) 11°23.5′S 13°29.5′E
(DMAHTC)

E8503 1Ed. 7/19/80 LAST NM N42/80 N28/87
Add Depth 83 fathoms 14°23.23′S 12°06.65′E
(20(1506)87 Taunton)

E8503 1Ed. 7/19/80 LAST NM N28/87 N11/88
Delete Depth 83 fathoms 14°23.23′S 12°06.65′E
(Supersedes N28/87-E8503)
(51(3862)87 Taunton)

E8503 1Ed. 7/19/80 LAST NM N11/88 N44/92
Delete R Bn (AERO) 12°22′S 13°32′E
R Bn (AERO) at light 12°36′S 13°23′E
(BA RA)

E8503 1Ed. 7/19/80 LAST NM N44/92 N47/97
Delete Light 10°45.2′S 13°43.1′E
(BA LL)

★E8504 1Ed. 7/26/80 NEW CHART N43/80
(DMAHTC)

E8504 1Ed. 7/26/80 LAST NM N43/80 N43/90
Delete R Bn 22°10′S 14°17′E
(8(44)90 Cape Town)

E8504 1Ed. 7/26/80 LAST NM N43/90 N4/92
Add Depth 315 fathoms 19°25.7′S 10°06.9′E
(34(2452)91 Taunton)

E8504 1Ed. 7/26/80 LAST NM N4/92 N2/95
Delete R Bn 22°40.5′S 14°31.5′E
(11(89)94 Cape Town)

E8504 1Ed. 7/26/80 LAST NM N2/95 N6/98
Add Wreck (PA) 22°03.0′S 12°48.0′E
(10(111)97 Cape Town)

★E8505 1Ed. 8/16/80 NEW CHART N45/80
(DMAHTC)

E8505 1Ed. 8/16/80 LAST NM N45/80 N44/92
Delete R Bn (AERO) 28°37′S 13°30′E
(BA RA)

E8505 1Ed. 8/16/80 LAST NM N44/92 N32/98
Add Buoy Y, conical, Fl(5) 15s 28°37.7′S 14°35.2′E
(3(40)98 Cape Town)

★E8506 1Ed. 7/5/80 NEW CHART N34/80
(DMAHTC)

E8506 1Ed. 7/5/80 LAST NM N34/80 N36/80
Change Visibility (range) of lights to
34M 34°21.0′S 18°30.0′E
25M 34°23.0′S 18°50.5′E
33M 34°09.0′S 18°19.5′E
(SAN CH 4)

E8506 1Ed. 7/5/80 LAST NM N36/80 N53/83
Change Visibility (range) of light to
23M 33°03.1′S 17°55.0′E
29M 33°25.8′S 18°05.4′E
24/12M 33°48.8′S 18°22.0′E

Add Legend "(Correct through NM 27/80)"
in lower left margin of chart
(DMAHTC; SAN LL)

E8506 1Ed. 7/5/80 LAST NM N53/83 N50/91
Add Depths
110 fathoms 34°25.5′S 18°02.5′E
212 fathoms 34°35.3′S 17°51.5′E
189 fathoms 34°48.2′S 18°05.5′E
(27(1951)91 Taunton)

E8506 1Ed. 7/5/80 LAST NM N50/91 N4/92
Delete Depths
110 fathoms 34°25.5′S 18°02.5′E
212 fathoms 34°35.3′S 17°51.5′E
189 fathoms 34°48.2′S 18°05.5′E
(Supersedes N50/91-E8506)

Add Depths
321 fathoms 34°34.3′S 17°50.0′E
260 fathoms 34°47.2′S 18°03.7′E
197 fathoms 34°28.0′S 17°55.0′E
(34(2453)91 Taunton)

E8506 1Ed. 7/5/80 LAST NM N4/92 N52/92
Add Submarine cable joining 33°50.7′S 17°53.0′E
33°51.2′S 17°51.8′E
33°51.6′S 17°50.0′E
33°56.7′S 17°26.2′E
33°56.9′S 17°22.8′E
33°57.0′S 17°20.0′E
(9(60)92 Cape Town)

E8506 1Ed. 7/5/80 LAST NM N52/92 N7/98
Delete Depth 40 fathoms "Rep (1937)" 30°55.0′S 15°05.6′E
(39(3484)97 Taunton)

E8506 1Ed. 7/5/80 LAST NM N7/98 N32/98
Add Wreck (PA) 34°42.6′S 18°08.6′E
(4(50)98 Cape Town)

E8506 1Ed. 7/5/80 LAST NM N32/98 N40/98
Delete Legend "PD" from depth 52 fathoms 33°12.5′S 16°36.8′E
(6(66)98 Cape Town)

★E8507 1Ed. 7/6/85 NEW CHART N43/85
(DMAHTC)

E8507 1Ed. 7/6/85 LAST NM N43/85 N45/86
Add Depth 929 fathoms 37°41′S 16°03′E
(9(85)86 Cape Town)

★E8602 1Ed. 9/20/80 NEW CHART N48/80
(DMAHTC)

E8602 1Ed. 9/20/80 LAST NM N48/80 N18/91
Add Depth 383 fathoms 6°28.0′S 1°12.0′E
(7(499)91 Taunton)

★E8603 1Ed. 8/16/80 NEW CHART N45/80
(DMAHTC)

★E8604 1Ed. 8/23/80 NEW CHART N45/80
(DMAHTC)

★E8605 1Ed. 9/13/80 NEW CHART N48/80
(DMAHTC)

E8605 1Ed. 9/13/80 LAST NM N48/80 N34/89
Add Depths
127 fathoms 26°11.3′S 6°20.3′E
129 fathoms 26°12.8′S 6°17.7′E
127 fathoms 26°13.7′S 6°16.1′E
(MCNM7551/85)

★E8606 1Ed. 7/20/85 NEW CHART N7/86
(DMAHTC)

E8606 1Ed. 7/20/85 LAST NM N7/86 N33/88
Add Depth 27 fathoms 31°37.3′S 8°19.0′E
(MCNM7551/85)

E8606 1Ed. 7/20/85 LAST NM N33/88 N44/98
Add Depth 3¾ fathoms 31°41.0′S 8°22.0′E
(6(462)98 Taunton)

★E8607 1Ed. 5/4/85 NEW CHART N30/85
(DMAHTC)

★800072 2Ed. 5/7/05 NEW EDITION N29/05
(NGA)

★800113 5Ed. 5/15/93 NEW EDITION N30/93
Change Note in upper left margin of chart to "BUOYAGE
IALA Buoyage System (Region B) is in effect in the area covered by this chart. See Chart No. 1."
(DMAHTC; MCC1223/93)

800113 5Ed. 5/15/93 LAST NM N30/93 N50/95
Change Light to Fl 6s 69m 10M 32°49′13″N 118°21′11″W
(USCG LL)

800113 5Ed. 5/15/93 LAST NM N50/95 N50/97
Change Visibility (range) of light to 8M 32°48′14″N 118°25′30″W
(46/97 CG11)

800113 5Ed. 5/15/93 LAST NM N50/97 N7/98
Change Period of light to 2.5s 32°48′14″N 118°25′30″W
(50/97 CG11)

★800273 2Ed. 12/29/90 NEW EDITION N19/91
(DMAHTC)

★800323 1Ed. 10/26/96 NEW CHART N48/96
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."
(NIMA)

800323 1Ed. 10/26/96 LAST NM N48/96 N49/97
Add Depth 3.3 meters 22°17′44″S 150°20′11″E
(19(516)97 Wollongong)

800323 1Ed. 10/26/96 LAST NM N49/97 N21/98
Add Depth 5.2 meters 22°11′18″S 150°22′29″E
(5(138)98 Wollongong)

800323 1Ed. 10/26/96 LAST NM N21/98 N17/99
Add Chartlet, depicting changes in hydrography, from Subsection I-2 22°20′00″S 150°32′00″E
(Aus CH 260)

800323 1Ed. 10/26/96 LAST NM N17/99 N32/99
Add Note from Subsection I-2 in right upper margin of chart
(6(176)99 Wollongong)

★800564 2Ed. 5/7/94 NEW EDITION N25/94
(DMAHTC)

★800669 8Ed. 9/15/90 NEW EDITION N42/90
Add Buoy (mooring) 32°49′05″N 118°21′53″W
(DMAHTC; MCNM1000/90)

800669 8Ed. 9/15/90 LAST NM N42/90 N13/94
Delete Buoy (mooring) 32°57′22″N 118°30′00″W
32°56′54″N 118°29′34″W
(4/94 CG11)

800669 8Ed. 9/15/90 LAST NM N13/94 N50/95
Change Light to Fl 6s 69m 10M 32°49′09″N 118°21′12″W
(USCG LL)

800669 8Ed. 9/15/90 LAST NM N50/95 N35/96
Change Period of light to 4s 33°00′14″N 118°33′06″W
(31/96 CG11)

800669 8Ed. 9/15/90 LAST NM N35/96 N50/97
Change Visibility (range) of light to 8M 32°48′14″N 118°25′30″W
(46/97 CG11)

800669 8Ed. 9/15/90 LAST NM N50/97 N4/98
Change Light to Fl 4s 62m 9M (PA) 33°01′49″N 118°35′44″W
Note: Obscured sector unchanged
(50/97 CG11)

800669 8Ed. 9/15/90 LAST NM N4/98 N7/98
Change Period of light to 2.5s 32°48′14″N 118°25′30″W
(50/97 CG11)

800669 8Ed. 9/15/90 LAST NM N7/98 N15/98
Add Superbuoy ODAS Y, Fl(5) Y 20s (Priv)
32°59′36″N 118°42′03″W
33°01′00″N 118°42′45″W
(9, 10/98 CG11)

800669 8Ed. 9/15/90 LAST NM N15/98 N41/01
Delete Superbuoy ODAS 33°01′00″N 118°42′45″W

Add Danger circle "Obstn (10 fms rep)"
33°00′35″N 118°31′47″W
(30, 32/01 CG11)

800669 8Ed. 9/15/90 LAST NM N41/01 N20/02
Change Legend to "SECURITY ZONE 165.1131
(NOTE NO 1)" 33°01′25″N 118°32′20″W
Legend to "SAFETY ZONE 165.1191
(NOTE NO 1)" 33°01′05″N 118°37′45″W
(NOS)

800669 8Ed. 9/15/90 LAST NM N20/02 N1/04
Delete Buoy 32°59′28″N 118°30′06″W

Change Visibility (range) of light to 5M 33°01′25″N 118°33′49″W
(43/03 CG11; NTM0022/2003)

800669 8Ed. 9/15/90 LAST NM N1/04 N16/04
Delete Buoy "A" 33°01′34″N 118°33′44″W
(9/04 CG11)

800669 8Ed. 9/15/90 LAST NM N16/04 N34/04
Change Visibility (range) of light to 8M 33°01′25″N 118°33′49″W
(See N1/04-800669)
(21/04 CG11)

800669 8Ed. 9/15/90 LAST NM N34/04 N45/04
Change Legend to "DANGER AREA 334.950 (NOTE NO 1)" 32°48′48″N 118°28′25″W
(NTM0002/2004)

800669 8Ed. 9/15/90 LAST NM N45/04 N1/05
Delete Range light, front 33°00′27″N 118°33′23″W
Range light, rear 33°00′15″N 118°33′25″W
Legend "Navy maintd" 33°00′08″N 118°33′40″W
(45/04 CG11)

800669 8Ed. 9/15/90 LAST NM N1/05 N7/05
Delete Superbuoy ODAS 32°59′36″N 118°42′03″W
(47/04 CG11)

800669 8Ed. 9/15/90 LAST NM N7/05 N47/05
Delete Buoy (mooring) 32°48′18″N 118°28′44″W
(NTM0006/2005)

800669 8Ed. 9/15/90 LAST NM N47/05 N47/06
Add Dashed-line circle with legend "Subm buoy (cov 14fms)" 32°55′43″N 118°35′38″W
(NTM0010/2006)

800669 8Ed. 9/15/90 LAST NM N47/06 N28/07
Delete Buoy (mooring) 33°00′24″N 118°32′45″W
(21/07 CG11)

★800742 1Ed. 8/4/90 NEW CHART N40/90
Change Note in upper left margin of chart to "BUOYAGE
IALA Buoyage System (Region B) is in effect in the area covered by this chart. See Chart No. 1"
(DMAHTC; MCNM1000/90)

★800744 1Ed. 9/24/88 NEW CHART N49/88
(DMAHTC)

800744 1Ed. 9/24/88 LAST NM N49/88 N10/93
Substitute Buoy "6" R, Fl R 2.5s for light "6"
21°17′57″N 157°53′45″W
(5/93 CG14)

800744 1Ed. 9/24/88 LAST NM N10/93 N5/95
Delete Anchorage area and legend "NAVAL...BERTHS" centered 21°16′25″N 157°51′10″W
21°17′17″N 157°55′00″W

Change Buoys, each to R, pillar, Fl R 4s
"2" 21°17′15″N 157°51′43″W
"12A" 21°27′21″N 157°48′42″W

Add Anchorage areas, each bound by dashed-line circle
"A" radius 350 yards, centered 21°16′57″N 157°53′12″W
"C" radius 450 yards 21°17′09″N 157°54′55″W
"D" radius 450 yards 21°17′21″N 157°55′20″W

Anchorage area "B" bound by dashed line joining 21°17′06″N 157°54′40″W
21°17′22″N 157°54′40″W
21°17′22″N 157°54′19″W
21°17′06″N 157°54′19″W
(41, 46/94 CG14)

800744 1Ed. 9/24/88 LAST NM N5/95 N18/95
Change Range light,
front to FR,
QR 14m 15M 21°19′36″N 157°58′15″W
rear to FG,
Iso G 6s 28m 17M 21°19′57″N 157°58′25″W
Note: Range bearing remains unchanged
(10/95 CG14)

800744 1Ed. 9/24/88 LAST NM N18/95 N39/97
Change Light "13" to "W" Fl(2+1) G 6s 21°20′32″N 157°58′18″W
(35/97 CG14)

800744 1Ed. 9/24/88 LAST NM N39/97 N9/98
Change Characteristic of range light,
front to FR 21°17′16″N 157°50′36″W
rear to QR 21°17′19″N 157°50′36″W
(4/98 CG14)

800744 1Ed. 9/24/88 LAST NM N9/98 N15/98
Change Light "21" to "F" Fl(2+1) G 6s 21°21′16″N 157°57′58″W
(10/98 CG14)

800744 1Ed. 9/24/88 LAST NM N15/98 N45/98
Change Height of range light, rear to 17m 21°29′33″N 157°50′11″W
(40/98 CG14)

800744 1Ed. 9/24/88 LAST NM N45/98 N48/98
Change Designation of beacon "7" to "7A"
21°29′32″N 157°49′46″W
(42/98 CG14)

800744 1Ed. 9/24/88 LAST NM N48/98 N9/00
Delete Depth 22 meters 21°16′52″N 157°51′30″W

Add Obstruction "(Fish haven) (auth min 12.3m)" [K46.2]
bound by dotted line joining 21°16′56″N 157°51′37″W
21°16′52″N 157°51′34″W
21°16′52″N 157°51′30″W
21°16′53″N 157°51′32″W
(NOS)

800744 1Ed. 9/24/88 LAST NM N9/00 N28/00
Add Danger circle "Subm platform rep (2000)" (PA) [K40] 21°17′N 157°59′W
(NTM0013/2000)

800744 1Ed. 9/24/88 LAST NM N28/00 N33/00
Change Buoy "26" to "9" G, can 21°22′26″N 157°56′43″W
Buoy "27" to "8" R, Fl R 2½s 21°22′20″N 157°56′57″W
Buoy "29" to "6" R, Fl R 6s 21°22′24″N 157°57′20″W
Buoy "36" to "1" G, Fl G 4s 21°21′30″N 157°58′19″W
Light "33" to "4" Fl R 4s 21°21′40″N 157°58′12″W
Light "35" to "2" Fl R 2½s 21°21′32″N 157°58′10″W
(23/00 CG14)

800744 1Ed. 9/24/88 LAST NM N33/00 N21/01
Substitute Buoy "4" R, nun for beacon "4" 21°27′44″N 157°47′00″W
(15/01 CG14)

800744 1Ed. 9/24/88 LAST NM N21/01 N22/02
Add Buoy (mooring) [Q40] 21°17′26″N 157°53′00″W
(17/02 CG14)

800744 1Ed. 9/24/88 LAST NM N22/02 N49/02
Add Depth 30 meters with legend "Obstn" enclosed by dashed-line circle 21°17′32″N 157°56′24″W
(35/02 CG14)

800744 1Ed. 9/24/88 LAST NM N49/02 N5/03
Add Buoy Y, Fl Y 20s (Priv) 21°25′00″N 157°40′39″W
(37/02 CG14)

800744 1Ed. 9/24/88 LAST NM N5/03 N12/03
Delete Buoy "10" 21°26′55″N 157°47′40″W

Add Buoy "S" GR, can 21°26′54″N 157°47′41″W
(7/03 CG14)

800744 1Ed. 9/24/88 LAST NM N12/03 N13/03
Relocate Buoy from 21°25′00″N 157°40′39″W to
21°25′00″N 157°40′00″W
and add designation "098"
(See N5/03-800744)
(6/03 CG14)

800744 1Ed. 9/24/88 LAST NM N13/03 N16/03
Delete Beacon "10" 21°28′22″N 157°49′44″W

Change Designation of beacon "7A" to "9"
21°29′32″N 157°49′49″W
Designation of beacon "9" to "11"
21°29′18″N 157°49′48″W
Designation of beacon "8" to "12"
21°29′16″N 157°49′56″W
Designation of beacon "11" to "15"
21°28′13″N 157°49′34″W

(continued on next page)

800744 (Continued) 16/03
Designation of buoy "11A" to "17"
21°27′46″N 157°49′24″W
Designation of buoy "12A" to "20"
21°27′22″N 157°48′43″W

Designation of light "12" to "18" 21°27′40″N 157°49′19″W
Designation of light "13" to "21" 21°27′13″N 157°48′13″W
Designation of light "16" to "22" 21°26′43″N 157°47′38″W
Designation of light "19" to "25" 21°26′37″N 157°47′20″W
Designation of buoy "20" to "26" 21°26′14″N 157°47′12″W

Add Light "14" Fl R 4s 15ft 4M 21°28′23″N 157°49′44″W
(8/03 CG14)

800744 1Ed. 9/24/88 LAST NM N16/03 N36/03
Change Buoy to "H" RW, ball topmark, Mo(A) Racon
(—·—) 21°16′50″N 157°52′47″W
(29/03 CG14)

800744 1Ed. 9/24/88 LAST NM N36/03 N47/03
Add Light "F" Fl Y 4s 27ft (Priv) 21°27′54″N 157°45′03″W
(37/03 CG14)

800744 1Ed. 9/24/88 LAST NM N47/03 N50/03
Add Buoy (mooring) [Q40] "CG" 21°22′07″N 157°58′51″W
(42/03 CG14)

800744 1Ed. 9/24/88 LAST NM N50/03 N10/04
Add Position circle "Pipe" [L23] 21°17′40″N 157°57′04″W
(2/04 CG14)

800744 1Ed. 9/24/88 LAST NM N10/04 N30/04
Change Visibility (range) of light "7" to 3M
21°18′03″N 157°52′09″W
(25/04 CG14)

800744 1Ed. 9/24/88 LAST NM N30/04 N47/04
Add Position circle "Pile" [F22] (PA) 21°16′47″N 157°50′44″W
(41/04 CG14)

800744 1Ed. 9/24/88 LAST NM N47/04 N12/05
Add Position circle "Pile" [F22] (PA) 21°16′48″N 157°50′46″W
(45/04 CG14)

800744 1Ed. 9/24/88 LAST NM N12/05 N33/06
Add Depth 10.6 meters "Rep (2003)" 21°20′31″N 157°58′06″W
(NTM0018/2006)

800744 1Ed. 9/24/88 LAST NM N33/06 N49/06
Add Depth 14.6 meters Obstn [K41] 21°14′58″N 157°46′10″W
(NOS)

800744 1Ed. 9/24/88 LAST NM N49/06 N21/07
Change Visibility (range) of light to 13M 21°27′44″N 157°45′49″W
(18/07 CG14)

800744 1Ed. 9/24/88 LAST NM N21/07 N24/07
Delete Position circle "Pipe" 21°17′40″N 157°57′04″W
(NOS)

800744 1Ed. 9/24/88 LAST NM N24/07 N42/07
Add Buoy "T" Y, pillar, Fl Y 4s (Priv) with legend
"(FAD)" 21°28′48″N 157°28′48″W
(29/07 CG14)

★800778 2Ed. 7/22/95 NEW EDITION N39/95
Add Legend "LIMITED DISTRIBUTION"
in upper left and lower right
margins of chart
Note in lower right margin of chart
"LIMITED DISTRIBUTION: Distribution
authorized to DoD, IAW 10 U.S.C.
subsec. 130 & 2796. Release authorized
to U.S. DoD contractors IAW 48 C.F.R.
sec. 252.245-7000. Refer other requests
to Headquarters, DMA, ATTN: Release
Officer, Stop A-10. Destroy as "For
Official Use Only." Removal of this
caveat is prohibited."
(DMA)

800778 2Ed. 7/22/95 LAST NM N39/95 N34/97
Add Depth
42 meters 30°59′53″N 29°01′12″E
40 meters 31°00′03″N 29°01′59″E
43 meters 30°59′46″N 29°04′03″E
(GIMM043/97)

★800778 2Ed. 7/22/95 LAST NM N34/97 N33/98
Add Wreck 30°59′49″N 28°51′13″E

Depth
3.7 meters 30°53′53″N 28°55′46″E
5 meters 30°55′00″N 28°52′36″E
1.2 meters 30°54′46″N 28°51′31″E
3.8 meters 30°56′19″N 28°51′01″E
39.5 meters 31°01′38″N 28°48′50″E
(GIMM043/98)

800778 2Ed. 7/22/95 LAST NM N33/98 N48/01
Delete Depth 13.7 meters 30°54′30″N 29°11′43″E
Depth 13.7 meters 30°53′45″N 29°13′21″E
Depth 13.7 meters 30°56′44″N 29°13′17″E

Add Depth 26.8 meters 30°54′40″N 29°11′38″E
Depth 9.5 meters 30°54′05″N 29°13′01″E
Depth 38 meters 30°56′36″N 29°13′16″E
Depth 5.2 meters 30°54′17″N 29°14′23″E
Depth 7.1 meters 30°52′55″N 29°14′57″E
(NTM0052/2001)

800778 2Ed. 7/22/95 LAST NM N48/01 N27/05
Delete Dangerous wreck 31°00′06″N 28°51′05″E

Substitute Depth 24.6 meters Wk [K26] for wreck
30°59′49″N 28°51′13″E
(GIMM043/98)

★801217 1Ed. 2/7/98 NEW CHART N26/98
Delete Submarine cable in vicinity 26°20.9′N 127°55.2′E

Relocate Buoy "3" close SW to 26°24′25″N 127°55′55″E

Change Caution No. 3 of CAUTIONS note in upper
right margin of chart to
"3. 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 such
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."
(NIMA; 44(2112)96, 44(1928)97 Tokyo)

801217 1Ed. 2/7/98 LAST NM N26/98 N19/99
Substitute Disused submarine cable for
submarine cable joining 26°23′02″N 127°59′29″E
26°23′05″N 127°59′20″E
26°22′47″N 127°59′00″E
26°22′35″N 127°58′07″E
(6(255)98 Tokyo)

801217 1Ed. 2/7/98 LAST NM N19/99 N20/99
Add Light Mo(B) G 8s 3M to beacon 26°08′30″N 127°52′40″E
(7(305)98 Tokyo; Jpn LL)

801217 1Ed. 2/7/98 LAST NM N20/99 N22/99
Add Depth
14 meters 26°24′56″N 127°53′37″E
5 meters 26°24′05″N 127°54′30″E
20.5 meters 26°24′17″N 127°54′54″E
23.5 meters 26°24′42″N 127°55′37″E
7.8 meters 26°24′18″N 127°55′52″E
18 meters 26°23′58″N 127°56′00″E
20.2 meters 26°24′24″N 127°56′39″E
(13(576)99 Tokyo)

801217 1Ed. 2/7/98 LAST NM N22/99 N42/99
Substitute Disused submarine cable [L32] for
submarine cable between 26°10′04″N 127°50′06″E
26°06′33″N 127°56′17″E
(15(655)98 Tokyo)

801217 1Ed. 2/7/98 LAST NM N42/99 N7/01
Delete Solid line (breakwater) between 26°14′23″N 127°56′24″E
26°14′27″N 127°56′18″E

Depth 1.3 meters 26°14′27″N 127°56′07″E
Depth 2.2 meters 26°14′23″N 127°56′14″E
Buoy 26°17′57″N 127°52′36″E

Add Land tint to area bound by shore and solid line
joining 26°19′59″N 127°51′06″E
26°20′16″N 127°51′27″E
26°20′24″N 127°51′49″E
26°19′55″N 127°52′13″E
26°19′34″N 127°52′19″E
26°19′26″N 127°52′07″E
26°19′46″N 127°51′47″E
26°19′44″N 127°51′46″E
26°19′52″N 127°51′38″E
26°19′41″N 127°51′23″E

Buoy G, conical, (G Lt) 26°19′11″N 127°50′48″E
Light Fl R 3s 10m 6M 26°18′15″N 127°52′27″E

Solid line (breakwater extension) joining
26°14′23″N 127°56′24″E
26°14′18″N 127°56′12″E
26°14′22″N 127°56′08″E
(27(1150), 42(1737)98, 20(857)99 Tokyo)

801217 1Ed. 2/7/98 LAST NM N7/01 N36/01
Add Visibility (range) 7M to superbuoy
26°13′54″N 127°50′00″E
and delete legend "Priv"
(Jpn LL)

801217 1Ed. 2/7/98 LAST NM N36/01 N42/01
Add Light Mo(U) 12s 34m 14M 26°22′25″N 127°58′01″E
(11(455)99 Tokyo)

801217 1Ed. 2/7/98 LAST NM N42/01 N43/01
Delete Buoy 26°24′57″N 127°56′00″E

Change Characteristic of light to FG 26°17′41″N 127°54′47″E

Characteristic of buoy "2" to Fl(2) R 6s
26°13′36″N 127°56′00″E

Add Buoy "2" R, pillar, cone topmark, Fl R 4s
26°25′02″N 127°55′55″E
Buoy "4" R, pillar, cone topmark, Fl R 3s
26°24′57″N 127°56′18″E
Beacon R, cone topmark, Fl(2) R 6s 3M
26°18′43″N 127°45′07″E

Double solid line with land tint (bridge) [D22]
and legend "(13)" between 26°20′10″N 127°57′23″E
26°19′26″N 127°57′32″E
(45(1619), 49(1765)00, 1(16), 23(838), 30(1153)01 Tokyo)

801217 1Ed. 2/7/98 LAST NM N43/01 N5/02
Delete Light 26°32′39″N 128°03′14″E
Buoy 26°30′36″N 128°04′18″E
Buoy 26°30′48″N 128°04′30″E
(50(1885)01 Tokyo)

801217 1Ed. 2/7/98 LAST NM N5/02 N6/02
Change Characteristic of buoy to Fl(2)R 6s
26°25′02″N 127°50′44″E
(51(1928)01 Tokyo)

801217 1Ed. 2/7/98 LAST NM N6/02 N7/02
Delete Jetty 26°15′52″N 127°48′15″E
Buoy "6" 26°15′39″N 127°49′13″E
Buoy "4" 26°15′27″N 127°49′24″E
Buoy "5" 26°15′20″N 127°49′03″E
Buoy "1" 26°15′04″N 127°49′30″E

Relocate Beacon "3" from 26°18′24″N 127°55′31″E to
26°18′24″N 127°55′38″E
Beacon "5" from 26°18′35″N 127°55′28″E to
26°18′29″N 127°55′35″E
Beacon "7" from 26°18′39″N 127°55′21″E to
26°18′43″N 127°55′24″E
(50(1882, 1883)01 Tokyo)

801217 1Ed. 2/7/98 LAST NM N7/02 N21/02
Delete Light 26°16′33″N 127°43′48″E

Add Light Fl G 3s 10m 3M 26°16′28″N 127°43′38″E
(15(539)02 Tokyo)

801217 1Ed. 2/7/98 LAST NM N21/02 N6/03
Delete Submarine cables (2) in vicinity 26°19′40″N 127°57′10″E
(48(1668)02 Tokyo)

801217 1Ed. 2/7/98 LAST NM N6/03 N8/03
Delete Buoy "2" 26°10′58″N 127°47′10″E
Buoy "3" 26°10′36″N 127°47′00″E

Change Characteristic of buoy "1" to Fl(2) G 6s
26°11′12″N 127°47′36″E

Add Buoy "4" R, pillar, cone topmark, Fl R 3s
26°10′56″N 127°47′08″E
Buoy "5" G, pillar, can topmark, Fl G 3s
26°10′34″N 127°47′01″E
(51(1796)02 Tokyo)

801217 1Ed. 2/7/98 LAST NM N8/03 N19/03
Change Light to Fl G 3s 9m 3M 26°11′18″N 127°48′43″E
(12(422)03 Tokyo)

801217 1Ed. 2/7/98 LAST NM N19/03 N20/03
Substitute Depth 1 meter for 3.9 meters 26°10′04″N 127°54′18″E
Depth 4.7 meters for 6.4 meters 26°09′55″N 127°53′47″E

Add Depth 9 meters 26°10′00″N 127°53′53″E
Depth 8.5 meters 26°09′38″N 127°53′11″E
Depth 18.6 meters 26°08′23″N 127°52′58″E
(13(478)03 Tokyo)

801217 1Ed. 2/7/98 LAST NM N20/03 N22/03
Change Visibility (range) of light to 5M 26°18′10″N 127°52′17″E
Visibility (range) of light to 4M 26°18′15″N 127°52′27″E
(13(472)03 Tokyo)

801217 1Ed. 2/7/98 LAST NM N22/03 N33/03
Add Depth 2 meters 26°24′12″N 127°50′58″E
Superbuoy [Q26] 26°14′06″N 127°48′48″E
(22(845), 24(921)03 Tokyo)

801217 1Ed. 2/7/98 LAST NM N33/03 N37/03
Delete Depth 8.2 meters 26°16′33″N 127°58′28″E

Depth 5.9 meters and
bottom characteristic "rky" 26°16′39″N 127°58′14″E

Depth 7 meters 26°16′38″N 127°57′35″E

Add Depth 7.5 meters 26°16′35″N 127°58′28″E
Depth 5.4 meters 26°16′42″N 127°58′14″E
Depth 5.4 meters 26°16′40″N 127°57′34″E
(31(1201)03 Tokyo)

801217 1Ed. 2/7/98 LAST NM N37/03 N6/04
Delete Superbuoy 26°14′06″N 127°48′48″E
(See N33/03-801217)
(34(1336)03 Tokyo)

801217 1Ed. 2/7/98 LAST NM N6/04 N12/04
Substitute Solid line for dashed line in vicinity
26°18′33″N 127°52′49″E
(46(1716)03 Tokyo)

801217 1Ed. 2/7/98 LAST NM N12/04 N26/04
Delete Submarine cable in vicinity 26°17′12″N 127°44′00″E
(10(274)04 Tokyo)

801217 1Ed. 2/7/98 LAST NM N26/04 N44/04
Delete Buoy "2" 26°15′14″N 127°49′39″E
Buoy "3" 26°15′23″N 127°49′19″E
(28(738)04 Tokyo)

801217 1Ed. 2/7/98 LAST NM N44/04 N6/05
Delete Light 26°15′47″N 127°49′03″E
(48(1236)04 Tokyo)

801217 1Ed. 2/7/98 LAST NM N6/05 N26/05
Delete Submarine pipeline in vicinity 26°15′30″N 127°49′21″E
(20(581)05 Tokyo)

801217 1Ed. 2/7/98 LAST NM N4/06 N24/06
Change Visibility (range) of light to 13M 26°09′06″N 127°53′11″E
(8(241)06 Tokyo)

★**801885** 4Ed. 2/3/07 NEW EDITION N34/07
(NGA)

★**801887** 2Ed. 9/25/93 NEW EDITION N43/93
(DMAHTC)

★**801889** 2Ed. 9/25/93 NEW EDITION N43/93
(DMAHTC)

801889 2Ed. 9/25/93 LAST NM N43/93 N40/97
Add Stranded wreck 19°01′29″N 57°49′40″E
(28(2240)95 Taunton)

801889 2Ed. 9/25/93 LAST NM N40/97 N37/99
Change Legend "Tomb" to "Rock (conspic)"
18°58′12″N 57°48′06″E
(27(2358)98 Taunton)

★**801902** 9Ed. 8/29/98 NEW EDITION N48/98
Change Latitude limit in upper right margin of chart to 18°18′17.4″N
(NIMA; GIMM001/98)

801902 9Ed. 8/29/98 LAST NM N48/98 N25/03
Delete Light 18°05′46.0″N 65°25′27.8″W
(17/03 CG7)

801902 9Ed. 8/29/98 LAST NM N25/03 N31/03
Delete Light 18°06′31.2″N 65°22′33.8″W
(24/03 CG7)

801902 9Ed. 8/29/98 LAST NM N31/03 N14/04
Relocate Buoy "14" from 18°17′58.2″N 65°16′52.5″W
to 18°18′00.7″N 65°16′51.1″W
(2/04 CG7)

801902 9Ed. 8/29/98 LAST NM N14/04 N29/04
Relocate Buoy "6" from 18°17′10.2″N 65°15′50.0″W to
18°17′08.2″N 65°15′47.4″W
(23/04 CG7)

801902 9Ed. 8/29/98 LAST NM N29/04 N12/05
Delete Light 18°18′04.1″N 65°18′38.4″W
(6/05 CG7)

801902 9Ed. 8/29/98 LAST NM N12/05 N38/05
Add Fishing stakes [K44.1] between
18°16′40.2″N 65°20′00.0″W
18°16′24.0″N 65°19′43.2″W
(22/05 CG7)

★**801925** 1Ed. 3/25/89 NEW CHART N24/89
Change Characteristic of range lights,
front to Iso 4s 12°42′42″N 61°19′37″W
rear to Fl 5s 12°42′44″N 61°19′34″W
front to F 12°42′05″N 61°19′52″W
rear to F 12°41′51″N 61°19′46″W

Legend to "JACK A DAN ISLAND"
12°29′45″N 61°27′50″W

Line 2 of TIDES note in lower right margin of chart to "very much influenced by local causes. It is high water at full and change of the moon at" and line 4 to "stream setting to the westward is aided and accelerated by the westerly equatorial"
(DMAHTC; BA LL)

801925 1Ed. 3/25/89 LAST NM N24/89 N45/90
Add Light QR (PA) 12°29′08″N 61°28′52″W
(35(2501)90 Taunton)

801925 1Ed. 3/25/89 LAST NM N45/90 N8/93
Delete Buoy 12°39′24″N 61°23′33″W

Substitute Beacon YBY, double cone topmark points together, VQ(9) 10s for buoy
12°34′57″N 61°24′42″W

Add Buoys
R, pillar, cone topmark, Fl R 4s 12°42′20″N 61°20′14″W
G, pillar, can topmark, Fl G 4s 12°42′33″N 61°20′13″W
BYB, pillar, double cone topmark bases together, VQ(3) 5s 12°39′34″N 61°23′38″W
YBY, pillar, double cone topmark points together, VQ(9) 10s 12°38′13″N 61°24′13″W
(32(2392)92 Taunton)

801925 1Ed. 3/25/89 LAST NM N8/93 N23/94
Delete Depth 16.8 meters 12°25′51″N 61°30′00″W

Add Rock awash 12°25′57″N 61°30′02″W
12°25′48″N 61°30′02″W
(7(624)94 Taunton; MCC1349/94)

801925 1Ed. 3/25/89 LAST NM N23/94 N16/95
Substitute Beacon
BYB, double cone topmark bases together, VQ(3) 5s for buoy 12°39′34″N 61°23′38″W
YBY, double cone topmark points together, VQ(9) 10s for buoy 12°38′13″N 61°24′13″W

Change Characteristic of light to Fl G 12°29′42″N 61°27′58″W
(1(76)95 Taunton; BA LL)

801925 1Ed. 3/25/89 LAST NM N16/95 N25/95
Delete Buoy 12°42′20″N 61°20′14″W
12°42′33″N 61°20′13″W

Add Beacon
R, cone topmark, Fl R 4s 12°42′23″N 61°20′06″W
G, can topmark, Fl G 4s 12°42′37″N 61°19′58″W
(5(411)95 Taunton)

801925 1Ed. 3/25/89 LAST NM N25/95 N41/98
Add Dangerous wreck "Rep (1998)" (PA) 12°31.8′N 61°23.3′W
(36(3262)98 Taunton)

801925 1Ed. 3/25/89 LAST NM N41/98 N25/00
Add Beacon YBY, VQ(9) 10s [Q82] 12°28′37″N 61°30′35″W
(16(1461)99 Taunton)

801925 1Ed. 3/25/89 LAST NM N25/00 N29/06
Add Depth 5.1 meters, blue tint and enclosing depth contour (10-meter) "Rep (2006)"
12°44′29″N 61°20′39″W
(23(2660)06 Taunton)

801925 1Ed. 3/25/89 LAST NM N29/06 N3/07
Substitute Depth 5.8 meters, blue tint and enclosing depth contour (10-meter) "Rep (2005)" for 11.3 meters 12°44′24″N 61°20′37″W
(7(890)05 Taunton)

★801926 1Ed. 8/4/90 NEW CHART N40/90
Add Note in right margin of chart
"BUOYAGE
IALA Buoyage System (Region B) is in effect in the area covered by this chart. See Chart No. 1"
(DMAHTC; MCNM1000/90)

801926 1Ed. 8/4/90 LAST NM N40/90 N44/04
Add Superbuoy ODAS [Q58] "46071" Y, Fl(4) Y 20s 51°19′05.4″N 179°06′02.5″E
(NTM0002/2004)

801926 1Ed. 8/4/90 LAST NM N44/04 N27/05
Delete Superbuoy ODAS "46071" 51°19′05.4″N 179°06′02.5″E
(See N44/04-801926)
(20/05 CG17)

★801953 1Ed. 2/25/78 NEW EDITION N14/78
(DMAHC)

801953 1Ed. 2/25/78 LAST NM N14/78 N22/78
Add Depths
6.7 meters in 17°55′24″N 66°12′03″W
2.1 meters 17°56′52″N 66°13′27″W
9.7 meters 17°54′32″N 66°15′45″W
7.6 meters 17°55′31″N 66°16′04″W
2.1 meters 17°56′58″N 66°17′29″W
(H9485)

801953 1Ed. 2/25/78 LAST NM N22/78 N6/79
Delete Light 17°57′43″N 66°17′43″W
(1/79 CG7)

801953 1Ed. 2/25/78 LAST NM N6/79 N48/83
Delete Light "5" 17°55′53″N 66°09′37″W
(43/83 CG7)

801953 1Ed. 2/25/78 LAST NM N48/83 N8/88
Add Dangerous wreck (PA) 17°53′48″N 66°10′53″W
(3/88 CG7)

801953 1Ed. 2/25/78 LAST NM N8/88 N14/88
Delete Buoy "2" 17°54′14″N 60°04′36″W
(51/85 CG7)

801953 1Ed. 2/25/78 LAST NM N14/88 N19/88
Delete Buoy "2" 17°54′14″N 66°04′36″W
(Cancels N14/88-801953)
(51/85 CG7)

801953 1Ed. 2/25/78 LAST NM N19/88 N25/88
Delete Dangerous wreck (PA) 17°53′48″N 66°10′53″W
(Supersedes N8/88-801953)

Add Dangerous wreck (PA) 17°53′46″N 66°11′01″W
(19/88 CG7)

801953 1Ed. 2/25/78 LAST NM N25/88 N39/03
Delete Depth 4.7 meters and enclosing depth contour 17°56′38″N 66°17′43″W

Dangerous wreck (PA) "rep" 17°55′57″N 66°15′38″W

Add Buoy "A" Y, can (Priv) 17°55′18″N 66°33′55″W

Depth 3 meters with legend "Co Hd" 17°56′38″N 66°17′44″W
Depth 1.8 meters with legend "Co Hd" 17°56′14″N 66°17′21″W

Depth 4.9 meters Rk [K14.2] 17°55′52″N 66°15′43″W
Depth 5.5 meters Rk [K14.2] 17°55′46″N 66°15′38″W
Depth 16.5 meters Rk [K14.2] 17°54′37″N 66°15′57″W
(NOS; 29/03 CG7)

801953 1Ed. 2/25/78 LAST NM N39/03 N52/03
Change Visibility (range) of light to 10M 17°53′34″N 66°31′16″W
(35/03 CG7)

★801959 2Ed. 6/9/79 NEW EDITION N30/79
(DMAHTC)

801959 2Ed. 6/9/79 LAST NM N30/79 N35/89
Add Rock awash (PA) 60°07.0′N 148°00.1′W
(30/89 CG17)

801959 2Ed. 6/9/79 LAST NM N35/89 N45/97
Add Dangerous submerged rock "Rep (1997)" 60°04′42″N 147°55′54″W
(39/97 CG17)

801959 2Ed. 6/9/79 LAST NM N45/97 N34/00
Add Depth 14 meters 60°13′30″N 147°42′01″W
(NTM0008/2000)

801959 2Ed. 6/9/79 LAST NM N34/00 N36/00
Add Depth 5.1 meters 60°13′45″N 147°20′36″W
Depth 5.1 meters 60°13′47″N 147°19′07″W
Depth 5.5 meters 60°13′56″N 147°20′26″W
Depth 4.5 meters 60°14′03″N 147°21′06″W
Depth 3.9 meters 60°14′13″N 147°23′49″W
(NTM0008/2000)

801959 2Ed. 6/9/79 LAST NM N36/00 N37/00
Add Depth 7 meters 60°14′15″N 147°20′53″W
(NTM0008/2000)

801959 2Ed. 6/9/79 LAST NM N37/00 N39/00
Add Depth 0.5 meter [I10] 60°13′30″N 147°16′29″W
(NTM0008/2000)

801959 2Ed. 6/9/79 LAST NM N39/00 N40/00
Add Depth 13.5 meters [I10] 60°14′03″N 147°18′46″W
Depth 16 meters [I10] 60°14′12″N 147°17′23″W
(NTM0008/2000)

801959 2Ed. 6/9/79 LAST NM N40/00 N19/01
Add Rock which does not cover [K10] 60°13′17″N 147°29′16″W
Rock which does not cover [K10] 60°13′29″N 147°29′34″W
Rock which does not cover [K10] 60°13′54″N 147°30′25″W

Rock awash [K12] 60°14′07″N 147°30′36″W
Depth 17.5 meters 60°12′59″N 147°29′19″W
Depth 7 meters 60°13′03″N 147°29′43″W
Depth 14 meters 60°13′08″N 147°28′59″W
Depth 10 meters 60°13′40″N 147°31′07″W
Depth 8.5 meters 60°13′55″N 147°30′49″W
(NTM0006/2001)

801959 2Ed. 6/9/79 LAST NM N19/01 N46/01
Add Depth 17.5 meters 60°10′38″N 147°33′28″W
Depth 10 meters 60°11′37″N 147°31′28″W
Depth 15.5 meters 60°11′53″N 147°30′07″W
Depth 19.5 meters 60°11′54″N 147°32′39″W
Depth 4 meters 60°11′55″N 147°31′36″W
Depth 8.5 meters 60°12′26″N 147°30′58″W
Depth 10.5 meters 60°12′38″N 147°30′37″W
Depth 17 meters 60°12′58″N 147°29′29″W
Depth 7.5 meters 60°13′01″N 147°29′47″W
(NTM0006/2001)

801959 2Ed. 6/9/79 LAST NM N46/01 N10/02
Add Depth 6 meters 60°11′44″N 147°43′50″W
Depth 4.5 meters 60°11′36″N 147°44′26″W
(NOS)

801959 2Ed. 6/9/79 LAST NM N10/02 N7/07
Add Dashed-line circle "Subm buoy (cov 22m)" 59°57′48″N 147°53′42″W
Danger circle [K40] "Subm buoy (cov 15m)" 59°56′00″N 147°50′06″W
(2/07 CG17)

★802184 4Ed. 8/2/75 NEW EDITION N40/75
(DMAHC)

802184 4Ed. 8/2/75 LAST NM N40/75 N40/81
Add Purple dashed line "Sewer (under construction)" joining 36°46′30.3″N 75°57′15.9″W
36°46′48.0″N 75°55′54.3″W
36°47′10.5″N 75°55′38.3″W
(CL970/81)

T 802184 4Ed. 8/2/75 LAST NM N40/81 N42/81
Add Buoy "B", orange and white bands, Fl 4sec (PA) 36°50′05″N 75°54′19″W
(37/81 CG5)

802184 4Ed. 8/2/75 LAST NM N42/81 N12/82
Delete Buoy "B" 36°50′05″N 75°54′19″W
(Supersedes N42/81T-802184)
(7/82 CG5)

T 802184 4Ed. 8/2/75 LAST NM N12/82 N32/82
Add Buoys, each orange and white,
"A" Fl 2.5sec WHIS 36°49′48.6″N 75°54′13.1″W
"B", can 36°49′34.8″N 75°54′11.2″W
"C" Fl 4sec WHIS 36°49′25.0″N 75°54′09.8″W
(27/82 CG5)

802184 4Ed. 8/2/75 LAST NM N32/82 N52/82
Delete Buoys
"A" 36°49′48.6″N 75°54′13.1″W
"B" 36°49′34.8″N 75°54′11.2″W
"C" 36°49′25.0″N 75°54′09.8″W
(Supersedes N32/82T-802184)
(47/82 CG5)

802184 4Ed. 8/2/75 LAST NM N52/82 N31/85
Relocate Lights
"1" close E to 36°49′45.8″N 75°57′58.8″W
and change to Fl G 4s 21ft 4M
"2" close NE 36°49′49.8″N 75°58′01.5″W
and change to Fl R 2.5s 22ft 3M
(26/85 CG5)

802184 4Ed. 8/2/75 LAST NM N31/85 N25/87
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."

Add Buoy "RI", red and white stripes, Mo(A) 36°50′02″N 75°56′48″W
(MCNM7880/87)

802184 4Ed. 8/2/75 LAST NM N25/87 N38/87
Add Buoy "A", yellow, Fl Y 2.5s 36°49′33″N 75°51′03″W
(28/87 CG5)

802184 4Ed. 8/2/75 LAST NM N38/87 N30/88
Add Restricted area bound by chart borders and purple dashed lines
between 36°50′12″N 75°54′30″W
36°45′12″N 75°52′37″W

joining 36°45′12″N 75°58′12″W
36°47′00″N 75°58′45″W
36°47′18″N 75°56′54″W
36°50′12″N 75°54′57″W

Legends
"R6606" 36°46′30″N 75°54′50″W
"W-50" 36°48′20″N 75°52′10″W
(MCNM8112/88)

802184 4Ed. 8/2/75 LAST NM N30/88 N50/90
Add Buoys
"A" Y, Fl Y 2.5s 36°50′00.0″N 75°53′23.7″W
"B" Y, Fl Y 4s 36°49′30.4″N 75°53′24.7″W
"C" Y, Fl Y 6s 36°49′04.7″N 75°53′25.6″W
(45/90 CG5)

802184 4Ed. 8/2/75 LAST NM N50/90 N34/93
Change Legend to "RESTRICTED AREA"
36°48′27″N 75°57′47″W
(FED REG 7/12/93)

802184 4Ed. 8/2/75 LAST NM N34/93 N35/97
Substitute Beacon "1" G for light 36°49′45.8″N 75°57′58.8″W

Add Buoy "RI" RW, Mo(A) WHIS 36°49′59.7″N 75°57′01.2″W
(27, 29/97 CG5)

802184 4Ed. 8/2/75 LAST NM N35/97 N18/00
Relocate Buoy "RI" from 36°50′00″N 75°57′01″W
to 36°49′47.3″N 75°57′03.7″W
(3/00 CG5)

802184 4Ed. 8/2/75 LAST NM N18/00 N19/00
Delete Buoy "RI" 36°50′02″N 75°56′48″W
(NTM0013/2000)

802184 4Ed. 8/2/75 LAST NM N19/00 N38/01
Relocate Buoy "RI" from 36°49′47.3″N 75°57′03.7″W
to 36°49′47.2″N 75°56′57.0″W
(8/01 CG5)

★802202 8Ed. 4/15/78 NEW EDITION N22/78
(DMAHC)

802202 8Ed. 4/15/78 LAST NM N22/78 N29/79
Delete Light 38°09′39″N 76°06′35″W
(24/79 CG5)

802202 8Ed. 4/15/78 LAST NM N29/79 N7/80
Change Visibility (range) of light to 9M 38°07′40″N 76°17′27″W
(3/80 CG5)

802202 8Ed. 4/15/78 LAST NM N7/80 N25/80
Add Danger circle "Obstr (rep 1980)" (PA) 38°06.5′N 76°07.5′W
(20/80 CG5)

802202 8Ed. 4/15/78 LAST NM N25/80 N31/80
Delete Legends
"(Sept 15 to June 1)" 38°04′05″N 76°05′45″W
"(Sept 15 to June 1)" 38°12′06″N 75°58′56″W
"(Sept 15 to June 1)" 38°13′38″N 76°04′16″W
(26/80 CG 5)

802202 8Ed. 4/15/78 LAST NM N31/80 N24/85
Delete Purple dashed line between 38°08′15″N 76°09′12″W
38°09′48″N 76°10′00″W

Change Light to Q 85ft 8M 38°11′43″N 76°05′37″W

Add Purple dashed line (restricted area limit) joining 38°08′15″N 76°09′12″W
38°08′15″N 76°10′02″W
38°09′50″N 76°10′02″W
(NVS7464/85)

802202 8Ed. 4/15/78 LAST NM N24/85 N27/85
Delete Bn "4" 38°10′10″N 75°57′00″W

Buoys
"1" 38°10′12″N 75°57′25″W
"2" 38°10′09″N 75°57′22″W

Lights 38°10′12″N 75°56′56″W
38°10′13″N 75°56′47″W

Add Lights
"1" Fl G 2.5s 15ft 3M (PA) 38°10′13.0″N 75°57′22.0″W
"4" Fl R 6s 19ft 4M (PA) 38°10′12.3″N 75°57′00.0″W
(23/85 CG5)

802202 8Ed. 4/15/78 LAST NM N27/85 N31/85
Delete Buoy "2" 38°10′09″N 75°57′21″W
(See N27/85-802202)
(USCG LL)

802202 8Ed. 4/15/78 LAST NM N31/85 N39/86
Add Dangerous wreck marked by buoy, black, IQ (PA) 38°06′48″N 76°17′54″W
(34/86 CG5)

802202 8Ed. 4/15/78 LAST NM N39/86 N15/87
Add Buoy "T", red and white stripes nun 38°10′05″N 75°58′43″W
(9/87 CG5)

802202 8Ed. 4/15/78 LAST NM N15/87 N25/87
Change Lights to
Fl 2.5s 37ft 7M 38°04′08″N 76°05′47″W
Fl Y 4s 85ft 5M 38°11′42″N 76°05′39″W

Characteristic of buoy "54" to Fl R 4s 38°06′09″N 76°12′42″W

Buoy to green and red bands, can (topmost band green) 38°12′28″N 75°56′45″W

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)

802202 8Ed. 4/15/78 LAST NM N25/87 N40/88
Change Color of buoy "HS" to red and white stripes and add ball topmark 38°12′18″N 76°14′33″W
(33/88 CG5)

802202 8Ed. 4/15/78 LAST NM N40/88 N17/89
Change Buoy "1" to green, Fl G 4s BELL 38°12′16″N 76°09′20″W
(13/89 CG5)

802202 8Ed. 4/15/78 LAST NM N17/89 N21/89
Add Buoy "4A", red nun 38°12′57″N 76°03′03″W
(17/89 CG5)

802202 8Ed. 4/15/78 LAST NM N21/89 N17/91
Delete Buoys
"52" 38°04′36″N 76°12′05″W
"54" 38°06′12″N 76°12′39″W
"WR" 38°06′49″N 76°17′53″W
(undesignated) 38°11′23″N 76°09′10″W
(undesignated) 38°11′13″N 76°08′23″W

Relocate Buoys
"5" close E to and change color to G 38°12′09″N 76°01′36″W
"6" close SW 38°12′15″N 76°01′04″W

Substitute Dangerous wreck for stranded wreck 38°12′51″N 76°03′16″W

Change Fog signal of buoy "HS" to WHIS 38°12′18″N 76°14′33″W

Buoy "1" to G, Fl G 4s BELL 38°12′16″N 76°09′20″W

Light to "1" Fl G 4s 16ft 4M 38°13′56″N 76°06′41″W

Light "1" to Fl G 2.5s 20ft 4M 38°13′05″N 75°56′35″W

Add Buoys
"HP" Y, can 38°10′18″N 75°57′54″W
"72" R, Fl R 2.5s BELL 38°06′54″N 76°12′55″W
(MCNM1065/90)

802202 8Ed. 4/15/78 LAST NM N17/91 N32/91
Add Obstruction "(Fish haven) (auth min depth 15ft)" bound by chart border and dashed line joining 38°06′21″N 76°17′54″W
38°06′21″N 76°17′49″W
38°06′36″N 76°17′49″W
38°06′36″N 76°17′54″W
(CL381/91)

802202 8Ed. 4/15/78 LAST NM N32/91 N39/97
Relocate Light close SW to 38°10′19.2″N 75°57′53.7″W
(35/97 CG5)

802202 8Ed. 4/15/78 LAST NM N39/97 N14/02
Change Light to Fl Y 6s 25ft 5M 38°11′43″N 76°05′37″W
(9/02 CG5)

802202 8Ed. 4/15/78 LAST NM N14/02 N23/02
Change Designation of buoy "5" to "7" 38°12′09″N 76°01′36″W
(19/02 CG5)

802202 8Ed. 4/15/78 LAST NM N23/02 N31/02
Relocate Light from 38°04′08″N 76°05′47″W to 38°04′06.3″N 76°05′42.0″W
(26/02 CG5)

802202 8Ed. 4/15/78 LAST NM N31/02 N35/02
Relocate Light from 38°04′06.3″N 76°05′42.0″W to 38°04′07.1″N 76°05′46.1″W
(Supersedes N31/02-802202)
(30/02 CG5)

802202 8Ed. 4/15/78 LAST NM N35/02 N1/03
Delete HORN from light 38°07′40″N 76°17′27″W
(46/02 CG5)

802202 8Ed. 4/15/78 LAST NM N1/03 N7/03
Add Dangerous wreck [K28] marked by buoy "WR1" G, QG 38°12′44.3″N 75°57′24.9″W
(51, 52/02 CG5)

802202 8Ed. 4/15/78 LAST NM N7/03 N40/04
Change Designation of light "1" to "1N" 38°13′05″N 75°56′35″W
(34/04 CG5)

★**802260** 5Ed. 5/15/93 NEW EDITION N30/93
Change Note in upper left margin of chart to "BUOYAGE
IALA Buoyage System (Region B) is in effect in the area covered by this chart. See Chart No. 1."
(DMAHTC; MCC1223/93)

802260 5Ed. 5/15/93 LAST NM N30/93 N13/94
Delete Buoy (mooring) 32°57′22″N 118°30′01″W
32°56′56″N 118°29′35″W
(4/94 CG11)

802260 5Ed. 5/15/93 LAST NM N13/94 N35/96
Change Period of light to 4s 33°00′14″N 118°33′06″W
(31/96 CG11)

802260 5Ed. 5/15/93 LAST NM N35/96 N4/98
Change Light to Fl 4s 62m 9M (PA) with obscured sector 276°-341° 33°01′49″N 118°35′44″W
(50/97 CG11)

802260 5Ed. 5/15/93 LAST NM N4/98 N15/98
Add Superbuoy ODAS Y, Fl(5) Y 20s (Priv) 32°59′36″N 118°42′03″W
(9/98 CG11)

802260 5Ed. 5/15/93 LAST NM N15/98 N20/02
Change Legend to "SECURITY ZONE 165.1131 CAUTION NO 1" 33°00′09″N 118°30′44″W
Legend to "SAFETY ZONE 165.1191 CAUTION NO 1" 33°00′46″N 118°36′53″W
(NOS)

802260 5Ed. 5/15/93 LAST NM N20/02 N1/04
Delete Buoy 32°59′26.5″N 118°30′07.1″W

Change Visibility (range) of light to 5M 33°01′26.0″N 118°33′48.0″W
(43/03 CG11; NTM0022/2003)

802260 5Ed. 5/15/93 LAST NM N1/04 N23/04
Delete Buoy (Navy Maintd) 33°01′36″N 118°33′44″W
(9/04 CG11)

802260 5Ed. 5/15/93 LAST NM N23/04 N34/04
Change Visibility (range) of light to 8M
33°01′26.0″N 118°33′48.0″W
(See N1/04-802260)
(21/04 CG11)

802260 5Ed. 5/15/93 LAST NM N34/04 N1/05
Delete Range lights (2), range line and legend
"Lts...198°" between 33°00′16″N 118°33′26″W
33°00′55″N 118°33′11″W
(45/04 CG11)

802260 5Ed. 5/15/93 LAST NM N1/05 N7/05
Delete Superbuoy ODAS 32°59′36″N 118°42′03″W
(47/04 CG11)

802260 5Ed. 5/15/93 LAST NM N7/05 N47/06
Add Dashed-line circle with legend "Subm buoy
(cov 14fms)" 32°55′43.6″N 118°35′37.8″W
(NTM0010/2006)

802260 5Ed. 5/15/93 LAST NM N47/06 N28/07
Delete Buoy (mooring) 33°00′24″N 118°32′49″W
(21/07 CG11)

★**802266** 1Ed. 2/24/01 NEW CHART N47/01
(NIMA)

★**802659** 1Ed. 9/27/88 NEW CHART N51/88
Change Legend to
"(Correct through NM 36/88)"
in lower left margin of chart

Legend to "CATALOG: P2V10"
in upper right margin of chart
(DMAHTC)

802659 1Ed. 9/27/88 LAST NM N51/88 N40/97
Add Anchor berth
"S5" 38°59′22″N 8°32′16″E
"S6" 38°58′28″N 8°28′04″E
"S3' 38°59′40″N 8°28′34″E
"S4" 38°59′40″N 8°30′04″E
(8(6)97 Genova)

★**802765** 2Ed. 4/6/91 NEW EDITION N25/91
(DMAHTC)

★**802827** 3Ed. 11/13/76 NEW EDITION N2/77
(DMAHC)

★**802985** 3Ed. 4/13/91 NEW EDITION N25/91
(DMAHTC)

★**803220** 1Ed. 8/4/90 NEW CHART N43/90
Change Note in upper left margin of chart to
"BUOYAGE
IALA Buoyage System (Region B) is
in effect in the area covered by this
chart. See Chart No. 1."
(DMAHTC; MCNM1000/90)

★**803316** 2Ed. 12/5/92 NEW EDITION N10/93
Delete Depth 20 meters and random mark
in vicinity 2°01′08″N 45°30′55″E
(DMAHTC)

803316 2Ed. 12/5/92 LAST NM N10/93 N40/97
Delete Stranded wreck 2°04′40″N 45°25′48″E

Change Legend to "SEE CAUTIONS 1 & 2" 2°01′45″N 45°22′20″E
Caution note in upper right margin to
"CAUTIONS
1. Extreme caution must be used when
approaching the breakwater due to
obstructions, which lie to the east
and south.
2. Navigational aids are reported to be
unreliable and subject to change.
Mariners are advised to proceed with
caution."
(SMEA005/96; 41(3384)96 Taunton)

★**803321** 1Ed. 12/13/86 NEW CHART N37/87
Substitute Bn, red for light 51°51′11″N 176°38′56″W

Change Period of light "7" to 4s 51°51′23″N 176°37′32″W

Add Buoy "4A", red nun 51°51′57″N 176°36′27″W
(DMAHTC; USCG LL; 23/87 CG17)

803321 1Ed. 12/13/86 LAST NM N37/87 N33/89
Relocate Buoy "3" close W to 51°51′48″N 176°34′02″W
(29/89 CG17)

803321 1Ed. 12/13/86 LAST NM N33/89 N45/01
Delete R Bn (AERO) 51°55′05″N 176°33′44″W
(NOS)

803321 1Ed. 12/13/86 LAST NM N45/01 N48/05
Change Light to "6" Fl R 6s 12m 5M 51°51′41″N 176°37′33″W
(18/05 CG17)

★**803333** 1Ed. 12/28/96 NEW CHART N8/97
(NIMA)

803333 1Ed. 12/28/96 LAST NM N8/97 N17/99
Add Chartlet, depicting changes in
hydrography, from Subsection I-2 22°19′00″S 150°34′00″E
(Aus CH 260)

803333 1Ed. 12/28/96 LAST NM N17/99 N32/99
Add Note from Subsection I-2 in lower right margin
of chart
(6(176)99 Wollongong)

★**803404** 2Ed. 11/5/83 NEW EDITION N50/83
(DMAHTC)

803404 2Ed. 11/5/83 LAST NM N50/83 N21/84
Change Buoys to
Starboard buoy: R, conical, QR 12°02′48″N 61°45′47″W
Port buoy: G, can, QG 12°02′45″N 61°45′33″W
Port buoy: G, can, QG 12°02′48″N 61°45′15″W
Starboard buoy: R, pillar 12°02′45″N 61°45′07″W

Add Starboard buoy: R, pillar, QR 12°02′42″N 61°45′10″W

Note in upper left margin of chart
"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 B. For further
explanation, see annual NM 1(6) and
Chart No. 1."
(13(853)84 Taunton)

803404 2Ed. 11/5/83 LAST NM N21/84 N51/84
Delete Light 12°00′20″N 61°47′55″W
(45(2969)84 Taunton)

803404 2Ed. 11/5/83 LAST NM N51/84 N7/85
Add R Bn (AERO) 12°00′29″N 61°46′45″W
(51(3425)84 Taunton)

803404 2Ed. 11/5/83 LAST NM N7/85 N39/86
Add Lights
Q(6) + L Fl 15s 7M 11°59′05″N 61°47′16″W
Q(9) 15s 7M 12°00′06″N 61°48′09″W
Fl(2+1) 20s 18M 12°00′53″N 61°46′33″W

Position circle with legend
"2 Masts (300) R Lts" (PA) 12°01′18″N 61°46′26″W
(7(545), 17(1279), 24(1741)86 Taunton)

803404 2Ed. 11/5/83 LAST NM N39/86 N51/89
Delete Buoy 12°01′15″N 61°48′09″W
(34(2589)89 Taunton)

803404 2Ed. 11/5/83 LAST NM N51/89 N37/96
Add Position circle "R Mast" (PA) 12°05′45.7″N 61°45′09.3″W
(28(2357)96 Taunton)

803404 2Ed. 11/5/83 LAST NM N37/96 N26/02
Change Caution note to
"CAUTIONS
1. Reports indicate that shoal patches with less water than charted, may be encountered on the bank south of Grenada. Mariners are advised to exercise caution. Deep draft vessels, particularly those drawing more than 40 feet should keep outside the 100 fathom curve where possible.
2. Volcanic activity has been reported in this area (1986). Vessels shall avoid entering the submarine volcano exclusion zone."
12°12′30″N 61°54′00″W

Legend to "CAUTION No. 1" 11°54′27″N 61°40′36″W

Add "SUBMARINE VOLCANO EXCLUSION ZONE CAUTION No. 2" bound by purple composite-line circle, radius 0.81 mile, centered 12°17′57″N 61°38′14″W
(18(1875)02 Taunton)

803404 2Ed. 11/5/83 LAST NM N26/02 N8/04
Add Light FR (occas) (PA) 11°59′13″N 61°45′39″W
(2(140)04 Taunton)

★803484 1Ed. 8/4/90 NEW CHART N39/90
Change Note to
"BUOYAGE
IALA Buoyage Systems (Region B) is in effect in the area covered by this chart. See Chart No. 1." 53°43′30″N 178°47′00″E
(DMAHTC)

★803733 1Ed. 8/26/78 NEW CHART N49/78
(DMAHTC)

★804037 1Ed. 5/7/77 NEW CHART N26/77
(DMAHC)

804037 1Ed. 5/7/77 LAST NM N26/77 N51/77
Add Note from back of Section I in lower margin of chart
(DMAHC)

804037 1Ed. 5/7/77 LAST NM N51/77 N52/77
Add Position circle "RA DOME (conspic)"
42°57′51″N 9°22′52″E
(41(37)77 Brest)

804037 1Ed. 5/7/77 LAST NM N52/77 N12/78
Add Depths
60 meters in 43°03′53″N 9°24′37″E
95 meters 43°03′57″N 9°20′31″E
117 meters 43°03′15″N 9°16′44″E
(6(309)78 Taunton)

804037 1Ed. 5/7/77 LAST NM N12/78 N24/78
Add "Anchorage, Dredging and Trawling Prohibited (Cable)" area bound by shore and purple dashed line joining 42°43′57″N 9°20′40″E
42°51′13″N 9°12′21″E
42°51′14″N 9°08′59″E
42°42′55″N 9°19′28″E
(15(41)78 Brest)

804037 1Ed. 5/7/77 LAST NM N24/78 N11/79
Add Depth 8.8 meters 43°01′09″N 9°24′39″E
(52(30)78 Brest)

804037 1Ed. 5/7/77 LAST NM N11/79 N17/79
Add Depths
24 meters in 42°59′37″N 9°16′54″E
15.2 meters 42°59′19″N 9°17′35″E
54 meters 42°45′21″N 9°19′11″E
46 meters Obstr 42°46′14″N 9°12′12″E
46 meters 42°45′54″N 9°06′33″E
(6(43)79 Brest)

804037 1Ed. 5/7/77 LAST NM N17/79 N14/80
Add Note from back of Section I in lower right margin of chart
(NVS6053/80)

804037 1Ed. 5/7/77 LAST NM N14/80 N18/80
Delete Breakwater 42°40′47″N 9°18′00″E

Relocate Light close SE to 42°40′55″N 9°17′40″E

Change Visibility (range) of light to 9M 42°43′02″N 9°15′25″E

Add Lights
Gp Occ WR 9, 6M in 42°40′48″N 9°17′54″E
Fl G 42°40′46″N 9°17′56″E

Solid line (breakwater) joining 42°40′46″N 9°17′56″E
42°40′43″N 9°17′57″E
42°40′42″N 9°18′00″E
(9(43)80 Brest; Fr LL)

804037 1Ed. 5/7/77 LAST NM N18/80 N48/80
Delete Light 42°42′42″N 9°19′27″E

Change Lights to
Occ G 4sec 43m 6M 42°43′01″N 9°15′25″E
Gp Fl G(2) 6sec 5M 42°41′17″N 9°16′50″E
(See N18/80-804037)

Add Light Gp Fl WR(3) 12sec 35m 10M 42°43′00″N 9°19′30″E

"Regulated Area" bound by shore and purple dashed line joining 42°43′55″N 9°20′36″E
42°43′55″N 9°17′30″E
42°47′06″N 9°17′30″E
42°47′06″N 9°20′27″E
(41(42), 42(49)80 Brest; Fr CH 4887)

804037 1Ed. 5/7/77 LAST NM N48/80 N16/81
Delete Depth 60 meters 43°03′53″N 9°24′37″E
(2(44)81 Brest)

804037 1Ed. 5/7/77 LAST NM N16/81 N29/84
Change Visibility (range) of lights to
9M 42°43′02″N 9°15′25″E
7M 42°41′16″N 9°16′50″E
(22(63)84 Brest)

804037 1Ed. 5/7/77 LAST NM N29/84 N43/86
Add Depths
4.8 meters 42°41′34″N 9°18′33″E
4.4 meters 42°41′27″N 9°18′26″E
4.9 meters 42°40′52″N 9°17′42″E
(35(42)86 Brest)

804037 1Ed. 5/7/77 LAST NM N43/86 N10/94
Delete R Bn at light 43°01.5′N 9°24.4′E
(50(30)93 Brest)

804037 1Ed. 5/7/77 LAST NM N10/94 N28/02
Add Depth 15 meters Wk [K26] 42°43′56″N 9°14′53″E
(28(30)01 Brest)

804037 1Ed. 5/7/77 LAST NM N28/02 N33/06
Add Light Fl G 4s 7m 6M, Fl R 4s 2m 2M
42°58′05″N 9°21′01″E
(21(20)06 Brest)

★804059 2Ed. 3/6/93 NEW EDITION N18/93
(DMAHTC)

804059 2Ed. 3/6/93 LAST NM N18/93 N18/00
Add Depth 0.6 meter [I3.2] "Shoal Rep (2000)"
14°47′47″N 120°12′28″E
(NTM0001/2000)

804059 2Ed. 3/6/93 LAST NM N18/00 N20/02
Delete Depth 8.5 meters 14°50′12″N 120°13′52″E
Visibility (range) from light 14°45′56″N 120°15′09″E

Add Light Fl 5s to position circle "Tr" 14°50′02″N 120°14′00″E
Buoy, spar, IQG 14°48′26″N 120°14′13″E
Dangerous submerged rock [K13] 14°50′13″N 120°13′53″E
Depth 6.4 meters 14°50′50″N 120°14′38″E

Depth 0.4 meter enclosed by danger circle
14°51′02″N 120°13′43″E
(1(27)02 Taunton; BA LL)

804059 2Ed. 3/6/93 LAST NM N20/02 N43/03
Add Fish trap symbol [K44.2] 14°43′01″N 120°14′13″E
(3(58)02 Manila)

★804567 4Ed. 7/7/90 NEW EDITION N36/90
Change Characteristic of light to Fl(2+1) G 10s
19°59′10″N 75°07′47″W

Height of lights to
9m 19°55′08″N 75°09′45″W
13m 19°55′05″N 75°09′17″W
(DMAHTC; 3(34)90 Habana; USCG LL)

804567 4Ed. 7/7/90 LAST NM N36/90 N41/91
Relocate Buoy "14" close SW to 19°57′47″N 75°08′49″W

Substitute Light Fl 2.5s 27m 5M with
obscured sector 270°-110° for
position circle 19°53′32″N 75°09′50″W
(38/91 CG7)

804567 4Ed. 7/7/90 LAST NM N41/91 N43/91
Delete Bn 19°56′47″N 75°07′30″W

Buoy 19°55′04″N 75°09′32″W

Relocate Light "6" close SW to 19°54′42″N 75°11′56″W

Change Note in upper right margin of chart to
"BUOYAGE
IALA Buoyage System (Region B) is in
effect in the area covered by this
chart. See Chart No. 1."
(MCNM1130/91)

804567 4Ed. 7/7/90 LAST NM N43/91 N6/92
Change Buoy "5" to G, pillar, can topmark,
Fl G 3s 19°59′09″N 75°08′01″W
(6(123)91 Habana)

804567 4Ed. 7/7/90 LAST NM N6/92 N16/93
Delete Buoy
"2" 19°54′47″N 75°11′08″W
"2A" 19°54′43″N 75°10′10″W

Relocate Buoy
"1" close NNW to 19°54′47″N 75°11′52″W
"2" (19°55′05″N 75°09′10″W) 19°54′37″N 75°10′16″W
"3" close NE 19°55′16″N 75°10′46″W
"5" close S 19°55′47″N 75°10′00″W
"7" close ENE 19°56′03″N 75°09′09″W
"9" (19°56′31″N 75°08′55″W) 19°56′23″N 75°08′35″W

Change Light
"A" to "4" Fl R 4s 3m 3M 19°57′06″N 75°08′44″W
"B" to "2" QR 4m 3M (PA) 19°56′33″N 75°08′49″W
"2" to "CT" Fl(2+1) R 6s 4m 3M
19°57′57″N 75°07′55″W

Designation of light
"13" to "5" 19°57′48″N 75°08′54″W
"8" to "2" 19°56′47″N 75°07′33″W
"3" to "1" 19°55′54″N 75°08′03″W

Designation of buoy
"14" to "'6" 19°57′47″N 75°08′49″W
"3" to "1" 19°57′17″N 75°08′12″W

Add Buoys, each R, pillar, Fl R
"10" 19°56′08″N 75°08′11″W
"6" 19°55′16″N 75°09′45″W
"4" 19°55′07″N 75°10′10″W

Buoy
"CR" Y, pillar, Fl Y 19°56′07″N 75°08′27″W
"1" G, pillar, QG 19°56′27″N 75°08′58″W
(4, 6/93 CG7)

804567 4Ed. 7/7/90 LAST NM N16/93 N11/96
Substitute Position circle "TR" for light 19°53′32″N 75°09′49″W

Change Visibility (range) of light to 9M 19°53′37″N 75°09′38″W
(SMEA006/96)

804567 4Ed. 7/7/90 LAST NM N11/96 N20/97
Relocate Buoy
"1" (19°54′47″N 75°11′52″W) to
19°54′48″N 75°10′52″W
"7" (19°56′03″N 75°09′09″W) 19°56′03″N 75°09′11″W
"9" (19°56′23″N 75°08′35″W) 19°56′25″N 75°08′34″W
"1" (19°56′27″N 75°08′58″W) 19°56′26″N 75°08′59″W
"1" (19°57′17″N 75°08′12″W) 19°57′15″N 75°08′10″W

Substitute Light "2" Fl R 4s 3m 4M for beacon
19°55′51″N 75°08′09″W
(11/97 CG7)

804567 4Ed. 7/7/90 LAST NM N20/97 N27/00
Add R Bn (AERO) [S16] 20°04′45″N 75°09′30″W
(12(182)99 Habana)

804567 4Ed. 7/7/90 LAST NM N27/00 N17/02
Relocate Buoy "7" from 19°56′03″N 75°09′11″W to
19°56′04″N 75°09′10″W
(5/02 CG7)

804567 4Ed. 7/7/90 LAST NM N17/02 N31/03
Change Period of light to 6s 19°53′37″N 75°09′38″W
(24/03 CG7)

804567 4Ed. 7/7/90 LAST NM N31/03 N9/04
Add Buoy Y, conical, "X" topmark, Fl Y 3s
[Q130.6] 20°00′06″N 75°07′59″W
(11(57)03 Habana)

804567 4Ed. 7/7/90 LAST NM N9/04 N32/04
Substitute Light "1" Fl G 2.5s 3M for buoy "1"
19°54′48″N 75°10′52″W
Light "2" Fl R 2.5s 3M for buoy "2"
19°54′37″N 75°10′18″W
(17/04 CG7)

★805118 3Ed. 1/23/99 NEW EDITION N17/99
Change Legend to "Lights in line 087°54′"
15°13′41″N 145°41′46″E
(NIMA; USCG LL)

805118 3Ed. 1/23/99 LAST NM N17/99 N1/00
Relocate Buoy "2" from 15°13′43″N 145°42′06″E to
15°13′43″N 145°42′09″E
and change designation to "2A"

Add Buoy "2" R, QR [Q3] 15°13′32″N 145°41′44″E
(43-45/99 CG14)

805118 3Ed. 1/23/99 LAST NM N1/00 N12/03
Delete Light 15°14′25″N 145°42′40″E

Add Light Fl 6s 23m 6M with sectors green
030°-040°, white-047°, red-057° 15°14′27″N 145°42′45″E
(2A/03 CG14)

805118 3Ed. 1/23/99 LAST NM N12/03 N36/03
Relocate Range light, front from
15°13′45″N 145°44′22″E to 15°13′46″N 145°44′26″E
Range light, rear from
15°13′46″N 145°44′51″E to 15°13′46″N 145°44′59″E

Change Legend to "Lights in line 088°24′"
15°13′42″N 145°41′44″E
(29, 31/03 CG14)

805118 3Ed. 1/23/99 LAST NM N36/03 N12/04
Relocate Buoy "2" from 15°13′32″N 145°41′44″E to
15°13′13″N 145°41′25″E
(4/04 CG14)

805118 3Ed. 1/23/99 LAST NM N12/04 N24/04
Delete Danger circle "Obstn" 14°58′13″N 145°36′00″E

Add Danger circle "Foul" [K31] 14°58′52″N 145°35′38″E
Danger circle "Subm buoy" 14°58′12″N 145°35′53″E
(NOS)

805118 3Ed. 1/23/99 LAST NM N24/04 N20/05
Delete R Bn (AERO) 15°07′42″N 145°41′32″E
(NOS)

805118 3Ed. 1/23/99 LAST NM N20/05 N32/05
Delete Beacon "A" 15°09′20″N 145°46′10″E
Beacon "B" 15°09′41″N 145°45′31″E
Beacon "C" 15°09′12″N 145°44′52″E
Beacon "D" 15°08′22″N 145°44′25″E

Buoys (mooring) (3) and legend "Tanker
Moorings" in vicinity 15°09′27″N 145°45′38″E

Range beacons (2), range line and legend "Bns
in line" between 15°09′23″N 145°46′16″E
15°09′24″N 145°45′38″E

Range beacons (2) and range line between
15°09′52″N 145°45′38″E
15°09′24″N 145°45′38″E

Add Buoy "9" Y, Fl Y 4s (Priv) with legend
"(FAD)" 15°05′04″N 145°45′08″E
(5, 6/05 CG14)

805118 3Ed. 1/23/99 LAST NM N32/05 N23/07
Add Position circle "R TR" [E29] "(Strobe Lt)"
(PA) 15°03′09″N 145°36′36″E
Position circle "R TR" [E29] "(Strobe Lt)"
(PA) 15°02′44″N 145°36′17″E
(NOS)

★805124 1Ed. 6/22/85 NEW CHART N7/86
(DMAHTC)

805124 1Ed. 6/22/85 LAST NM N7/86 N8/86
Change Note in upper right margin
of chart
to
"BUOYAGE
IALA Buoyage System (Region A) is
in effect in the area covered by this
chart. See Chart No. 1."
(DMAHTC)

805124 1Ed. 6/22/85 LAST NM N8/86 N36/88
Substitute R Bn (AERO) for position circle "Tr"
31°01′36″S 115°20′18″E
(Aus CH 333)

805124 1Ed. 6/22/85 LAST NM N36/88 N30/94
Delete Depth
2.5 meters 30°48.7′S 115°09.7′E
8.4 meters 30°50.3′S 115°10.6′E
6.2 meters 30°50.4′S 115°11.8′E
1.4 meters 30°50.8′S 115°12.8′E

Add Depth
2.3 meters 30°49′44″S 115°12′07″E
8.1 meters 30°50′22″S 115°10′46″E
4.5 meters 30°50′20″S 115°11′51″E

Dangerous submerged rock 30°48′45″S 115°09′44″E
30°50′51″S 115°12′51″E
(20(256)94 Sydney)

805124 1Ed. 6/22/85 LAST NM N30/94 N2/01
Delete Depth 2.1 meters 31°00′18″S 115°19′12″E
Depth 1.3 meters 31°00′46″S 115°19′30″E

Add Beacon G, cone topmark 31°00′21″S 115°19′17″E
Beacon BRB, double ball topmark 31°00′48″S 115°19′35″E
(2(71)00 Wollongong)

805124 1Ed. 6/22/85 LAST NM N2/01 N32/05
Delete Dashed line joining 31°00′54″S 115°15′00″E
30°55′00″S 115°24′00″E
30°47′10″S 115°18′38″E

Dashed line between 30°47′10″S 115°13′17″E
30°49′21″S 115°07′42″E

Change Line 1 of Caution No. 1 in center right margin
of chart to
"1. Anchorage is prohibited within the Military
Exercise Area during exercises except for the"

Add Green dashed line (military exercise area)
joining 31°00′54″S 115°15′00″E
30°56′15″S 115°17′09″E
30°54′40″S 115°21′53″E
30°52′52″S 115°21′53″E
30°48′49″S 115°19′20″E
30°48′23″S 115°18′40″E
30°48′23″S 115°15′17″E
30°48′58″S 115°14′15″E
30°50′06″S 115°13′50″E
30°50′24″S 115°13′19″E
30°49′21″S 115°07′42″E
(24(798)03 Wollongong)

★805170 2Ed. 12/26/92 NEW EDITION N10/93
(DMAHTC)

★805195 2Ed. 8/20/94 NEW EDITION N30/96
Delete Dotted line
joining 36°14′19″N 129°24′07″E
36°14′13″N 129°24′11″E
36°14′19″N 129°24′16″E

between 36°14′17″N 129°24′57″E
36°13′39″N 129°24′57″E

Change Note in right margin of chart to
"CAUTION
Numerous fish traps and fish havens
may exist up to 3 miles offshore."

Add Fish haven area with blue tint
bound by existing fish haven and
dotted line (limiting danger line)
joining 36°14′19″N 129°23′43″E
36°14′19″N 129°24′16″E
36°12′59″N 129°24′16″E
36°12′59″N 129°24′00″E
36°13′11″N 129°24′00″E
36°13′11″N 129°23′43″E

joining 36°14′17″N 129°24′57″E
36°14′22″N 129°25′02″E
36°14′22″N 129°25′20″E
36°12′39″N 129°25′16″E
36°12′40″N 129°24′27″E
36°12′52″N 129°24′28″E
36°12′52″N 129°24′43″E
36°13′03″N 129°24′43″E
36°13′03″N 129°25′02″E
36°13′39″N 129°24′57″E

"Fish haven" area with blue tint
bound by dotted line (limiting danger
line)
joining 36°15′36″N 129°23′15″E
36°15′36″N 129°24′19″E
36°15′24″N 129°24′19″E
36°15′24″N 129°23′15″E

(continued on next page)

805195 (Continued) 30/96
joining 36°15′15″N 129°23′09″E
36°15′21″N 129°23′21″E
36°14′45″N 129°23′43″E
36°14′39″N 129°23′31″E

joining 36°16′16″N 129°24′20″E
36°16′16″N 129°24′36″E
36°15′52″N 129°24′36″E
36°15′52″N 129°24′20″E

joining 36°18′11″N 129°23′27″E
36°17′46″N 129°23′27″E
36°17′46″N 129°23′41″E
36°17′32″N 129°23′41″E
36°17′32″N 129°23′09″E
36°18′11″N 129°23′09″E
(DMA; 36(398)94, 35(537)95 Inchon)

805195 2Ed. 8/20/94 LAST NM N30/96 N15/97
Add "Fish haven" area with blue tint bound by dotted line (limiting danger line)
joining 36°12′40″N 129°26′05″E
36°12′02″N 129°26′48″E
36°11′45″N 129°26′26″E
36°12′23″N 129°25′49″E

joining 36°11′19″N 129°24′53″E
36°11′11″N 129°24′53″E
36°11′11″N 129°26′00″E
36°10′59″N 129°26′00″E
36°10′59″N 129°24′53″E
36°10′51″N 129°24′53″E
36°10′51″N 129°24′23″E
36°11′19″N 129°24′23″E
(1(4)97 Inchon)

805195 2Ed. 8/20/94 LAST NM N15/97 N31/97
Add "Marine farm" area bound by dashed line joining 36°09′19″N 129°24′23″E
36°09′20″N 129°24′27″E
36°09′12″N 129°24′29″E
36°09′11″N 129°24′25″E
(GIMM020/97)

805195 2Ed. 8/20/94 LAST NM N31/97 N42/97
Add Dashed-line circle "Marine farm" 36°15′07″N 129°23′13″E
(GIMM020/97)

805195 2Ed. 8/20/94 LAST NM N42/97 N23/98
Add Rock which does not cover 36°11′29″N 129°22′42″E
(12(211)98 Inchon)

805195 2Ed. 8/20/94 LAST NM N23/98 N44/98
Change Period of light to 7s 36°10′53″N 129°23′33″E

Add "Fish trap" area bound by dashed line joining 36°11′10″N 129°24′02″E
36°11′12″N 129°24′05″E
36°11′09″N 129°24′08″E
36°11′07″N 129°24′05″E
(26(345)98 Inchon; ROK LL)

805195 2Ed. 8/20/94 LAST NM N44/98 N15/99
Add "Fish haven" area with blue tint bound by dotted line (limiting danger line)
joining 36°11′15″N 129°25′59″E
36°11′41″N 129°26′30″E
36°10′43″N 129°27′57″E
36°10′26″N 129°27′35″E
36°10′34″N 129°27′23″E
36°10′25″N 129°27′11″E
(6(57)99 Inchon)

★**805647** 2Ed. 8/4/90 NEW EDITION N39/90
(DMAHTC)

805647 2Ed. 8/4/90 LAST NM N39/90 N21/91
Add Buoy "CO" Y, Fl Y 4s (Priv maintd) with legend "FAD" 21°33.1′N 158°26.9′W
(MCNM1012/90)

805647 2Ed. 8/4/90 LAST NM N21/91 N51/95
Delete Depth 243 meters, enclosing dotted-line circle and legend "Obstr Subm buoy" 21°20′17″N 158°11′18″W
(MCC060/95)

805647 2Ed. 8/4/90 LAST NM N51/95 N31/96
Change Range light,
front to QR 21°26′55″N 158°11′46″W
rear to Iso R 6s 21°26′57″N 158°11′46″W
(27/96 CG14)

805647 2Ed. 8/4/90 LAST NM N31/96 N4/98
Add Depth 2.7 meters 21°19′01″N 158°07′35″W
(NOS)

805647 2Ed. 8/4/90 LAST NM N4/98 N1/00
Change Characteristic of range light, rear to Iso G 6s 21°19′47″N 158°06′51″W
(44/99 CG14)

805647 2Ed. 8/4/90 LAST NM N1/00 N48/00
Delete R Bn at light 21°17′47″N 158°06′24″W
(39/00 CG14)

805647 2Ed. 8/4/90 LAST NM N48/00 N19/01
Add Dangerous wreck [K28] with legend "Rep (2000)" (PA) 21°25′11″N 158°11′41″W
Dangerous wreck [K28] with legend "Rep (2000)" (PA) 21°25′11″N 158°11′34″W
(NTM0006/2001)

805647 2Ed. 8/4/90 LAST NM N19/01 N37/02
Change Light to "6" QR 4M 21°19′19″N 158°07′16″W
(31/02 CG14)

805647 2Ed. 8/4/90 LAST NM N37/02 N51/02
Delete Buoy 21°22′13″N 158°08′36″W

Add Buoy "3" G, Fl G 4s 21°19′00″N 158°07′45″W

Buoy W Or, Fl Y 6s (Navy maintd) 21°22′04″N 158°08′55″W
(41, 44/02 CG14)

805647 2Ed. 8/4/90 LAST NM N51/02 N30/03
Delete Light "2" 21°26′37″N 158°11′28″W
(24/03 CG14)

★**805647** 2Ed. 8/4/90 LAST NM N30/03 N8/04
Relocate Buoy (FAD) "CO" from 21°33′06″N 158°26′54″W to 21°33′42″N 158°26′48″W
(51/03 CG14)

805647 2Ed. 8/4/90 LAST NM N8/04 N13/04
Add Buoy (mooring) [Q40] 21°16′26″N 158°06′02″W
Buoy (mooring) [Q40] 21°15′32″N 158°05′34″W

"SECURITY ZONE" bound by purple dashed line joining 21°16′39″N 158°05′30″W
21°16′26″N 158°06′02″W
21°15′32″N 158°05′34″W
21°15′34″N 158°05′30″W
Note: Area extends beyond chart border

Legend "Obstn" 21°16′14″N 158°04′46″W
(5/04 CG14)

805647 2Ed. 8/4/90 LAST NM N13/04 N22/06
Change Height of range light, front to 12m 21°19′45″N 158°06′54″W
(17/06 CG14)

805647 2Ed. 8/4/90 LAST NM N22/06 N11/07
Add Research platform (lighted) F [L13] (osmosis research barge) 21°20′00″N 158°12′00″W
(8/07 CG14)

805647 2Ed. 8/4/90 LAST NM N11/07 N12/07
Substitute Light "7" QG 8m 4M for beacon "7"
21°19′24″N 158°07′20″W
(7/07 CG14)

★805980 4Ed. 9/15/90 NEW EDITION N44/90
Change Light to Fl WR 6s 28m 6/4M 20°43′57″N 156°57′52″W
(DMAHTC; MCNM1000/90)

805980 4Ed. 9/15/90 LAST NM N44/90 N5/95
Change Visibility (range) of light to 10M 20°46′39″N 156°31′23″W
(1/95 CG14)

805980 4Ed. 9/15/90 LAST NM N5/95 N34/95
Add Buoy Y, pillar, QY 20°44′42″N 156°37′10″W
(28/95 CG14)

805980 4Ed. 9/15/90 LAST NM N34/95 N51/95
Add Racon to buoy 20°44′42″N 156°37′10″W
(Supersedes N34/95-805980)
(43/95 CG14)

805980 4Ed. 9/15/90 LAST NM N51/95 N5/96
Add Obscured sector 082°-221° to light
20°46′39″N 156°31′23″W
(49/95 CG14)

805980 4Ed. 9/15/90 LAST NM N5/96 N49/97
Add Submarine cable joining 20°41′36″N 156°26′38″W
20°41′22″N 156°27′23″W
20°38′24″N 156°27′54″W
20°36′00″N 156°27′54″W
20°32′33″N 156°26′22″W
20°28′57″N 156°23′00″W
(GIMM060/97)

805980 4Ed. 9/15/90 LAST NM N49/97 N17/99
Delete Buoy 20°44′42″N 156°37′10″W
(GIMM001/99)

★805980 4Ed. 9/15/90 LAST NM N17/99 N14/00
Delete Dashed-line area in vicinity 20°41′50″N 156°27′15″W

Add Obstruction "(Fish haven) (auth min 12.3m)"
[K46.2] bound by dotted line joining
20°41′37″N 156°27′08″W
20°41′37″N 156°27′02″W
20°42′07″N 156°27′20″W
20°42′07″N 156°27′26″W
(NOS)

805980 4Ed. 9/15/90 LAST NM N14/00 N23/04
Add Wreck [K29] 20°37′47″N 156°50′14″W
(4/04 CG14)

★806927 8Ed. 9/12/98 NEW EDITION N47/98
(NIMA)

806927 8Ed. 9/12/98 LAST NM N47/98 N25/03
Delete Light 18°05′46″N 65°25′26″W
(17/03 CG7)

806927 8Ed. 9/12/98 LAST NM N25/03 N30/03
Delete Buoy "10" 18°10′04″N 65°33′08″W
Buoy "2" 18°13′05″N 65°28′43″W
Buoy "1" 18°13′27″N 65°28′08″W
(22/03 CG7)

806927 8Ed. 9/12/98 LAST NM N30/03 N39/03
Add Light Q (Priv) 18°10′19.4″N 65°28′02.8″W
(31/03 CG7)

806927 8Ed. 9/12/98 LAST NM N39/03 N29/04
Relocate Buoy "3" from 18°10′54″N 65°28′11″W to
18°11′00″N 65°28′12″W
(23/04 CG7)

806927 8Ed. 9/12/98 LAST NM N29/04 N12/05
Delete Range lights (2) and range line between
18°13′31″N 65°35′33″W
18°12′13″N 65°36′13″W
(7/05 CG7)

★807370 5Ed. 7/18/98 NEW EDITION N41/98
(NIMA)

807370 5Ed. 7/18/98 LAST NM N41/98 N23/99
Add Dangerous wreck (Mast) marked by
buoy (mooring) 18°13′10″N 65°37′49″W
(NOS)

807370 5Ed. 7/18/98 LAST NM N23/99 N17/03
Add Buoy W Or, can (Navy Maintd) 18°12′57″N 65°37′02″W
Buoy W Or, can (Navy Maintd) 18°12′44″N 65°37′26″W
(NTM0002/2003)

807370 5Ed. 7/18/98 LAST NM N17/03 N25/03
Delete Light 18°05′46″N 65°25′26″W
(17/03 CG7)

807370 5Ed. 7/18/98 LAST NM N25/03 N30/03
Delete Buoy "2" 18°09′04″N 65°37′43″W
Buoy "6" 18°10′39″N 65°36′55″W
Buoy "10" 18°10′03″N 65°33′09″W
Buoy "2" 18°13′06″N 65°28′43″W
Buoy "1" 18°13′27″N 65°28′08″W

Change Designation of buoy "3" to "1" 18°09′44″N 65°37′33″W
Buoy "4" to "2" R, Fl R 2.5s 18°09′41″N 65°37′26″W
(21, 22/03 CG7)

807370 5Ed. 7/18/98 LAST NM N30/03 N31/03
Delete Light 18°06′31″N 65°22′34″W
(24/03 CG7)

807370 5Ed. 7/18/98 LAST NM N31/03 N39/03
Add Light Q (Priv) 18°10′19″N 65°28′03″W
(31/03 CG7)

807370 5Ed. 7/18/98 LAST NM N39/03 N14/04
Relocate Buoy "14" from 18°17′58″N 65°16′53″W to
18°18′01″N 65°16′51″W
(2/04 CG7)

807370 5Ed. 7/18/98 LAST NM N14/04 N29/04
Relocate Buoy "6" from 18°17′10″N 65°15′50″W to
18°17′08″N 65°15′47″W
(23/04 CG7)

807370 5Ed. 7/18/98 LAST NM N29/04 N12/05
Delete Light 18°18′07″N 65°18′37″W

Range lights (2) and range line between
18°13′32″N 65°35′38″W
18°09′40″N 65°37′28″W
(6, 7/05 CG7)

807370 5Ed. 7/18/98 LAST NM N12/05 N38/05
Add Fishing stakes [K44.1] between 18°16′40″N 65°20′00″W
18°16′24″N 65°19′43″W
(22/05 CG7)

★807448 2Ed. 1/12/91 NEW EDITION N17/91
(DMAHTC)

807448 2Ed. 1/12/91 LAST NM N17/91 N49/97
Add Submarine cable joining 20°32′10″N 156°26′00″W
20°32′33″N 156°26′22″W
20°36′00″N 156°27′54″W
20°38′24″N 156°27′54″W
20°40′00″N 156°27′36″W
(GIMM060/97)

★807861 2Ed. 4/17/76 NEW EDITION N32/76
(DMAHC)

807861 2Ed. 4/17/76 LAST NM N32/76 N42/77
Relocate Buoy (41°32′46″N 9°23′52″E) to 41°32′48″N 9°24′00″E
and change to red over white, topmark
2 cones bases together, Fl R Ra Ref
(37(33)77 Brest)

807861 2Ed. 4/17/76 LAST NM N42/77 N43/77
Add Wreck 41°43′00″N 9°27′00″E
(38(20)77 Brest)

807861 2Ed. 4/17/76 LAST NM N43/77 N52/77
Add Position circle "TV TR" 41°44′17″N 9°23′15″E
(41(38)77 Brest)

807861 2Ed. 4/17/76 LAST NM N52/77 N5/78
Delete Buoys
"4" 41°25′48″N 9°14′57″E
"6" 41°25′20″N 9°14′06″E
(49(34)77 Brest)

807861 2Ed. 4/17/76 LAST NM N5/78 N20/78
Change Light to Gp Fl (3) 12sec 39ft 9M 41°36′53″N 9°22′15″E

Buoy to black, cone topmark point up,
Occ G 41°36′35″N 9°19′08″E
(11(31, 32)78 Brest)

807861 2Ed. 4/17/76 LAST NM N20/78 N24/78
Delete Buoy 41°30′33″N 9°23′07″E

Add Buoy, red with white band, double
cone topmark points downward,
Gp Occ (2) 6sec R Ref 41°30′29″N 9°23′34″E
(18(21, Sec. 2.4)78 Brest)

807861 2Ed. 4/17/76 LAST NM N24/78 N35/78
Add Note from back of Section I
under title block

Legend "SEE NOTE" 41°38′00″N 9°31′00″E
Position circle "Tower" 41°36′07″N 9°22′15″E

Purple dashed lines (channel limit)
between 41°36′53″N 9°22′15″E
41°39′13″N 9°32′30″E

between 41°36′07″N 9°22′15″E
41°37′17″N 9°22′15″E
(25(43)78 Brest)

807861 2Ed. 4/17/76 LAST NM N35/78 N13/79
Add Stranded wreck 41°37′04″N 9°22′15″E
(4(39)79 Brest)

807861 2Ed. 4/17/76 LAST NM N13/79 N17/79
Add Buoy, black and white bands, Fl 41°22′26″N 9°15′09″E
(10(27)79 Brest)

807861 2Ed. 4/17/76 LAST NM N17/79 N19/79
Delete Legend "Tower" 41°36′56″N 9°22′25″E
Note: Position circle remains

Relocate Light close S to 41°36′51″N 9°22′16″E

Add Depths
4 fathoms 1 foot in 41°37′49″N 9°22′19″E
8 fathoms 1 foot 41°36′36″N 9°22′11″E
1 fathom 4 feet 41°36′12″N 9°18′21″E
1 fathom 5 feet 41°36′12″N 9°18′04″E
1 fathom 4 feet 41°36′00″N 9°17′59″E
(12(34)79 Brest; Fr CH 4126)

807861 2Ed. 4/17/76 LAST NM N19/79 N24/79
Add Depth 11 fathoms 41°20′17″N 9°18′19″E

Buoy, black and white bands, Gp Fl
Ra Ref 41°22′24″N 9°17′52″E
(15(50), 16(41)79 Brest)

807861 2Ed. 4/17/76 LAST NM N24/79 N35/79
Substitute Depth 10 fathoms 4 feet for 11 fathoms
41°20′17″N 9°18′19″E
(See N24/79-807861)

Add Depths
10 fathoms 3 feet in 41°20′29″N 9°18′09″E
16 fathoms 2 feet 41°20′20″N 9°18′31″E
(27(33)79 Brest)

807861 2Ed. 4/17/76 LAST NM N35/79 N14/80
Add Note from back of Section I in
right center margin of chart
(NVS6053/80)

807861 2Ed. 4/17/76 LAST NM N14/80 N18/80
Add Legend "Destr" to tower 41°36′03″N 9°22′16″E
(8(40)80 Brest)

807861 2Ed. 4/17/76 LAST NM N18/80 N38/80
Substitute Starboard buoy: pillar, G, cone topmark,
Occ G 4s, for buoy 41°36′33″N 9°19′10″E
(26(52)80 Brest)

807861 2Ed. 4/17/76 LAST NM N38/80 N39/80
Change Light to Gp Fl G(3) 12sec 39ft 9M 41°36′51″N 9°22′16″E
(31(32)80 Brest)

807861 2Ed. 4/17/76 LAST NM N39/80 N46/80
Substitute W. Cardinal buoy: pillar, YBY,
double cone topmark points together,
V Qk Fl(9) 10s 41°22′26″N 9°15′09″E

Add Submarine cable joining 41°20′00″N 9°20′13″E
41°20′25″N 9°21′09″E
41°20′41″N 9°23′38″E
41°21′37″N 9°26′07″E
41°23′32″N 9°32′30″E
(40(55)80 Brest; Fr CH 3937)

807861 2Ed. 4/17/76 LAST NM N46/80 N21/81
Substitute W. Cardinal buoy: pillar, YBY,
double cone topmark points together,
Q(9) 15s, for buoy 41°22′24″N 9°17′52″E

Add Light Q(3) 10s 59ft 11M, Racon 41°21′58″N 9°18′57″E
(Fr LL)

807861 2Ed. 4/17/76 LAST NM N21/81 N30/81
Substitute Note from back of Section I for
note in right upper margin of chart
under title information
(22(26)81 Brest)

807861 2Ed. 4/17/76 LAST NM N30/81 N32/81
Delete Legend "Destr" from tower 41°36′03″N 9°22′16″E

Change Bn to isolated danger beacon: BRB 41°21′53″N 9°12′48″E
(25(31)81 Brest)

807861 2Ed. 4/17/76 LAST NM N32/81 N40/81
Delete Tower 41°36′03″N 9°22′16″E
Bn 41°21′53″N 9°12′48″E
(See N32/81-807861)
(30(31)81 Brest)

807861 2Ed. 4/17/76 LAST NM N40/81 N48/84
Delete Buoy 41°22′26″N 9°15′09″E
(35(41)84 Brest)

807861 2Ed. 4/17/76 LAST NM N48/84 N1/87
Change Characteristic of buoy to VQ(9) 10s 41°22′24″N 9°17′52″E
(45(21)86 Brest)

807861 2Ed. 4/17/76 LAST NM N1/87 N5/87
Change Light to Oc(2) WRG 6s 92ft
15 11M R Bn 41°20.1′N 9°15.6′E
(48(36)86 Brest)

807861 2Ed. 4/17/76 LAST NM N5/87 N10/87
Change Characteristic of buoy to Fl(4) G 41°36.6′N 9°19.2′E
(52(21)86 Brest)

807861 2Ed. 4/17/76 LAST NM N10/87 N30/88
Relocate Buoy close SSE to 41°32′42″N 9°24′03″E
and change to BYB, pillar,
double cone topmark bases together,
Q(3) 10s
(Fr CH 6929; 21(16)88 Brest)

807861 2Ed. 4/17/76 LAST NM N30/88 N40/97
Delete R Bn at light 41°35′45″N 9°21′58″E
41°20′10″N 9°15′36″E

Add Depth 46 fathoms 41°29′14″N 9°29′21″E
Stranded wreck 41°20′04″N 9°15′05″E
(Ital CH 912; 7(17)97 Brest; BA RA)

807861 2Ed. 4/17/76 LAST NM N40/97 N43/97
Delete Stranded wreck 41°20′04″N 9°15′05″E
(See N40/97-807861)
(26(19)97 Brest)

807861 2Ed. 4/17/76 LAST NM N43/97 N1/00
Delete Racon at light 41°21′58″N 9°18′57″E
(28(15)99 Brest)

807861 2Ed. 4/17/76 LAST NM N1/00 N16/01
Add Wreck [K29] 41°42′02″N 9°30′35″E
Depth 208 fathoms Wk [K30] 41°43′08″N 9°29′25″E
(50(29)00 Brest)

807861 2Ed. 4/17/76 LAST NM N16/01 N27/02
Change Light to Oc(2) WR 6s 89ft 17/14M 41°20′04″N 9°15′32″E
(45(26)99 Brest; Fr LL)

807861 2Ed. 4/17/76 LAST NM N27/02 N22/03
Add Dangerous wreck [K28] 41°28′16″N 9°17′23″E
(34(22)00 Brest)

★808236 4Ed. 6/6/92 NEW EDITION N32/92
(DMAHTC)

★808365 2Ed. 11/18/75 NEW EDITION N4/76
(DMAHC)

808365 2Ed. 11/18/75 LAST NM N4/76 N45/78
Add Dashed line (breakwater) with legend
"Under construction" joining 36°58′08″N 1°53′57″W
36°58′06″N 1°53′41″W
36°57′58″N 1°53′39″W

Buoy (wavemeter) 36°58′24″N 1°53′36″W
(NVS3831/78; 13(417)78 Cadiz)

808365 2Ed. 11/18/75 LAST NM N45/78 N9/79
Add Note from back of Section I in
upper right margin of chart
(NVS3896/79)

808365 2Ed. 11/18/75 LAST NM N9/79 N12/80
Substitute Solid line (breakwater) for dashed line
joining 36°58′08″N 1°53′57″W
36°58′06″N 1°53′41″W
36°57′58″N 1°53′39″W
(45(1402)79 Cadiz)

808365 2Ed. 11/18/75 LAST NM N12/80 N37/84
Delete Solid line (breakwater) in vicinity 36°58.1′N 1°53.7′W

Change Buoy to special buoy: Y, spherical,
Fl(5) Y 20s 36°58′24″N 1°53′36″W

Light to Mo(NS) 30s 222m 31M 36°56′34″N 1°54′16″W

Add Double solid lines with land tint
(breakwater)
joining 36°58′50″N 1°54′00″W
36°58′49″N 1°53′43″W
36°58′36″N 1°53′32″W
36°58′30″N 1°53′32″W

joining 36°58′09″N 1°53′57″W
36°58′08″N 1°53′41″W
36°57′53″N 1°53′36″W

Lights
Fl G 10s 6M 36°58′30″N 1°53′32″W
Fl(3) 16s 3M 36°58′08″N 1°53′41″W
Fl(2) G 10s 6M 36°57′53″N 1°53′36″W

Legend "P. de Carbonera" 36°58′15″N 1°53′08″W
(48(1961)83, 17(669)84 Cadiz; BA LL)

808365 2Ed. 11/18/75 LAST NM N37/84 N34/86
Change Light to Fl(4) + L Fl 30s 222m 18M 36°56.5′N 1°54.3′W
(Spn LL)

808365 2Ed. 11/18/75 LAST NM N34/86 N15/87
Change Light to Fl(4) 20s 222m 23M 36°56.5′N 1°54.3′W
(Supersedes N34/86-808365)
(Spn LL)

808365 2Ed. 11/18/75 LAST NM N15/87 N40/97
Add Light
Fl(3) 14s 280m 14M 36°50′36″N 1°59′53″W
Fl R 4s 4M, Fl G 6s 6M 36°59′23″N 1°53′54″W
(16(622)91 Cadiz; Spn CH 4621)

808365 2Ed. 11/18/75 LAST NM N40/97 N9/00
Change Light to Fl(3) G 12s 10m 5M 36°59′24″N 1°53′48″W
Light to Fl(3) R 12s 3M 36°59′24″N 1°53′54″W
Light to Q(3) 10s 14m 3M 36°58′05″N 1°53′40″W
(43(678), 45(722)98 Cadiz)

808365 2Ed. 11/18/75 LAST NM N9/00 N19/00
Change Visibility (range) of light to 5M 36°58′30″N 1°53′33″W
(5(48)99 Cadiz)

808365 2Ed. 11/18/75 LAST NM N19/00 N14/03
Add Submarine pipeline (sewer) [L41.1] between
36°59′50″N 1°53′19″W
36°59′35″N 1°52′47″W
(46(798)02 Cadiz)

★808528 1Ed. 7/21/90 NEW CHART N36/90
(DMAHTC)

808528 1Ed. 7/21/90 LAST NM N36/90 N4/93
Add "Safety Zone" area bound by shore
and green dashed line joining 22°01.2′N 159°47.3′W
22°01.2′N 159°50.7′W
22°06.3′N 159°50.7′W
22°06.3′N 159°44.8′W
(FED REG 11/19/92)

808528 1Ed. 7/21/90 LAST NM N4/93 N52/95
Delete Buoy "2" 21°53′45″N 159°35′28″W
(44/95 CG14)

808528 1Ed. 7/21/90 LAST NM N52/95 N14/96
Change Light to QR 10m 5M 21°53′49″N 159°35′27″W
(USCG LL)

808528 1Ed. 7/21/90 LAST NM N14/96 N32/97
Add Buoy (mooring) GONG (Navy maintd)
22°00′28″N 159°47′37″W
(28/97 CG14)

808528 1Ed. 7/21/90 LAST NM N32/97 N25/02
Relocate Buoy (FAD) "AA" from
21°50′00″N 159°36′48″W to 21°49′18″N 159°36′36″W

Buoy "1" from 21°53′40″N 159°35′35″W to
21°53′46″N 159°35′37″W
(18/02 CG14; NTM0026/2002)

808528 1Ed. 7/21/90 LAST NM N25/02 N12/05
Substitute Position circle "RADOME" [E30.4] Iso 4s Lt (Navy maintd) 467m for light 22°08′04″N 159°43′41″W
(45/04 CG14)

808528 1Ed. 7/21/90 LAST NM N12/05 N32/05
Add Depth 478 meters 21°53′36″N 159°55′42″W
(MCNM8066/88)

★808568 1Ed. 8/27/77 NEW CHART N48/77
(DMAHC)

808568 1Ed. 8/27/77 LAST NM N48/77 N9/78
Change Visibility (range) of light (Gp Fl) to 34M 40°39′25″N 17°58′08″E
(1(10)78 Genova)

808568 1Ed. 8/27/77 LAST NM N9/78 N6/79
Add Wreck (PA) 40°41.0′N 17°58.3′E
(50(2)78 Genova)

808568 1Ed. 8/27/77 LAST NM N6/79 N7/82
Change Buoy to black yellow black bands, nun, Fl 3sec 40°39.8′N 18°02.4′E
(25(20)81 Genova)

808568 1Ed. 8/27/77 LAST NM N7/82 N22/82
Change Buoy to BRB, Fl R 5s 40°39′05″N 17°58′39″E

Add Note in right upper margin of chart
"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."

"Work in progress" area bound by shore and dashed line joining 40°38′45″N 17°58′05″E
40°38′58″N 17°58′00″E
40°38′59″N 17°57′55″E
40°38′48″N 17°57′54″E
(1(26), 3(2)82 Genova; NVS6577/82)

808568 1Ed. 8/27/77 LAST NM N22/82 N36/82
Change Visibility (range) of light to 17M 40°39′25″N 17°58′08″E
(11(23)82 Genova)

808568 1Ed. 8/27/77 LAST NM N36/82 N28/83
Delete Light 40°39′25″N 17°58′09″E

Change Light to Fl(2) WG 6s 13m 12/10M 40°39′44″N 17°58′15″E
(3(9)83 Genova)

808568 1Ed. 8/27/77 LAST NM N28/83 N15/84
Change Buoy to isolated danger buoy: BRB, double ball topmark, Fl(2) 5s 40°39.1′N 17°58.6′E

Add Legend "(Correct through NM 35/77)" in lower left margin of chart
(22(41)83 Genova; DMAHTC)

808568 1Ed. 8/27/77 LAST NM N15/84 N17/85
Change Light to Fl(2) G 6s 13m 7M 40°39′44″N 17°58′15″E
(22(6)84 Genova)

808568 1Ed. 8/27/77 LAST NM N17/85 N25/85
Add Light FR, Fl(4) 20s 96m 17M at monument 40°38′46″N 17°56′51″E
(19(15), 25(6)84 Genova)

808568 1Ed. 8/27/77 LAST NM N25/85 N34/85
Add Legend "Work in progress (1985)" 40°39′47″N 17°58′40″E
(13(3)85 Genova)

808568 1Ed. 8/27/77 LAST NM N34/85 N17/86
Delete Light 40°39′44″N 17°58′15″E
(4(21)86 Genova)

808568 1Ed. 8/27/77 LAST NM N17/86 N25/86
Substitute Light (articulated) Q(3) 10s 5M for buoy 40°39.8′N 18°02.4′E
(7(8, 36)86 Genova)

808568 1Ed. 8/27/77 LAST NM N25/86 N28/86
Add Buoys
BY, pillar, double cone topmark points upward, Q 40°39′57″N 17°58′54″E
G, conical, cone topmark, Fl(2) G 10s 40°39′51″N 17°59′21″E
(8(5)86 Genova)

808568 1Ed. 8/27/77 LAST NM N28/86 N16/87
Relocate Buoy close E to 40°39′51″N 17°59′52″E
(See N28/86-808568)

Change Legend to "Work in progress (1987)" 40°39′47″N 17°58′40″E

Add Buoy BY, pillar, double cone topmark points upward, Q 40°39′58″N 17°59′24″E
(4(6(87 Genova)

808568 1Ed. 8/27/77 LAST NM N16/87 N30/88
Substitute Beacon BRB, double ball topmark, Fl(2) 6s 5M Ra Ref for buoy 40°39.1′N 17°58.6′E
(10(4)88 Genova)

808568 1Ed. 8/27/77 LAST NM N30/88 N40/97
Delete R Bn (AERO) 40°36′18″N 18°00′45″E
(BA RA)

808568 1Ed. 8/27/77 LAST NM N40/97 N11/98
Add Light (AERO) Al Fl WG 17s 18m 24/18M 40°39′04″N 17°56′36″E
(Ital LL)

808568 1Ed. 8/27/77 LAST NM N11/98 N10/07
Delete Submarine cable between 40°39′55″N 17°57′18″E
40°49′00″N 18°21′00″E
(6(6)07 Genova)

808568 1Ed. 8/27/77 LAST NM N10/07 N16/07
Substitute Depth 10.4 meters for 11.9 meters 40°40′08″N 17°59′50″E
(7(13)06 Genova)

808568 1Ed. 8/27/77 LAST NM N16/07 N45/07
Add "Restricted Area" [N2.1] bound by purple composite line joining 40°38′36″N 18°02′48″E
40°38′36″N 18°04′36″E
40°36′36″N 18°06′12″E
40°36′36″N 18°04′30″E
(14(7)07 Genova)

★808916 3Ed. 2/6/99 NEW EDITION N19/99
(NIMA)

★809055 7Ed. 10/22/83 NEW EDITION N11/84
Change Characteristic of buoy "2" to Fl R 2½s 33°12.1′N 117°24.5′W
(Previously published 46/83)

Color of buoys to white and orange bands 33°12′32″N 117°24′45″W
33°12′46″N 117°24′52″W
33°21′44″N 117°33′50″W
33°21′50″N 117°33′47″W
33°20′18″N 117°37′01″W
33°22′29″N 117°36′03″W
33°23′00″N 117°36′22″W
33°23′30″N 117°36′38″W
33°25′42″N 117°37′46″W
33°26′05″N 117°41′35″W
33°26′08″N 117°41′55″W

Color of buoys to orange 33°12′36″N 117°24′46″W
33°12′44″N 117°24′48″W

(continued on next page)

809055 (Continued) 11/84
Add Light "4" Fl R 4s 9M HORN 33°12′20″N 117°23′57″W
WHIS to buoy"2" 33°27′17″N 117°43′15″W
Legend "(Priv maintd)" to buoy "2C"
33°08′02″N 117°21′20″W
Light symbol 33°23′18″N 117°35′42″W

Double solid line (breakwater) between
33°12′20″N 117°23′57″W
33°12′25″N 117°23′55″W
(DMAHTC; 48/83 CG11; NVS7186/84; USCG LL)

809055 7Ed. 10/22/83 LAST NM N11/84 N23/84
Delete HORN from light 33°12′24″N 117°23′54″W
(3/84 CG11)

809055 7Ed. 10/22/83 LAST NM N23/84 N11/85
Change Visibility (range) of light to 9M 33°27′16″N 117°41′26″W
(7/85 CG11)

809055 7Ed. 10/22/83 LAST NM N11/85 N16/85
Change Characteristic of buoy
"SO" to Fl R 4s
and designation to "2SO" 33°20′55″N 117°34′13″W
(14/85 CG11)

809055 7Ed. 10/22/83 LAST NM N16/85 N28/85
Add Period of buoy "2C" to 4s 33°07.9′N 117°21.4′W
(25/85 CG11)

809055 7Ed. 10/22/83 LAST NM N28/85 N6/86
Change Color of buoy to yellow 33°20.3′N 117°37.1′W
(3/86 CG11)

809055 7Ed. 10/22/83 LAST NM N6/86 N37/88
Change Characteristic of light "4" to Fl R 5s
and visibility (range) to 14M 33°12′20″N 117°23′57″W
(USCG LL)

809055 7Ed. 10/22/83 LAST NM N37/88 N42/89
Delete Buoy "2SO" 33°20′54″N 117°34′13″W

Change Latitude designation 30°20′ to
33°20′ in right center margin
of chart
(MCNM1085/89; 38/89 CG11)

809055 7Ed. 10/22/83 LAST NM N42/89 N15/94
Delete Buoy 33°21′43″N 117°33′48″W
33°21′50″N 117°33′47″W
33°26′08″N 117°41′05″W
33°26′50″N 117°41′36″W
33°23′30″N 117°36′38″W
33°23′00″N 117°36′22″W
33°22′28″N 117°36′05″W

Legend
"Qk Fl HORN" 33°21′30″N 117°34′00″W
"Platform (lighted)" 33°21′37″N 117°34′30″W

Platform, solid line and
legend "Trestle" between 33°21′34″N 117°33′43″W
33°22′02″N 117°33′20″W

Change Light to Fl 10s 18m 16M 33°23′18″N 117°35′42″W

Period of light to 6s 33°18′38″N 117°28′54″W

Buoy "2C" to "C" Y, Fl 4s BELL
(Priv maintd) 33°08′03″N 117°21′19″W

Add Buoys, each orange and white bands
(Priv maintd)
"A" 33°26′29″N 117°42′33″W
"B" 33°24′48″N 117°41′25″W
"C" 33°26′36″N 117°40′20″W
"D" 33°24′47″N 117°38′59″W

Buoy (4) with legend "(Priv maintd)"
33°21′37″N 117°33′50″W
(US CH 18774; USCG LL)

809055 7Ed. 10/22/83 LAST NM N15/94 N33/94
Relocate Light close S to 33°12′20″N 117°24′07″W
(21/94 CG11)

809055 7Ed. 10/22/83 LAST NM N33/94 N5/95
Change Buoy "2" to "OC" RW, pillar, Mo(A)
WHIS 33°12′06″N 117°24′28″W
(48/94 CG11)

809055 7Ed. 10/22/83 LAST NM N5/95 N19/95
Change Light "4" to Fl R 6s 26ft 7M HORN
33°12′20″N 117°23′57″W
(14/95 CG11)

809055 7Ed. 10/22/83 LAST NM N19/95 N23/95
Delete R Bn at light 33°12′24″N 117°23′55″W
(16/95 CG11)

809055 7Ed. 10/22/83 LAST NM N23/95 N44/95
Delete R Bn at light 33°27′15″N 117°41′29″W
(37/95 CG11)

809055 7Ed. 10/22/83 LAST NM N44/95 N18/96
Change Light to Fl 4s 19m 10M (PA) 33°23′18″N 117°35′45″W
(14/96 CG11)

809055 7Ed. 10/22/83 LAST NM N18/96 N20/97
Add Danger circle "Obstn (Fish haven)
(auth min depth 13.1m)" 33°19′28″N 117°31′38″W
(NOS)

809055 7Ed. 10/22/83 LAST NM N20/97 N48/98
Change Light to
"1" Fl G 2.5s 5M 33°12′20″N 117°24′07″W
"2" Fl R 2.5s 7M HORN 33°12′20″N 117°23′57″W
(USCG LL)

809055 7Ed. 10/22/83 LAST NM N48/98 N18/00
Add Obstruction "(Fish haven) (auth min 11.9m)"
[K46.2] bound by dotted line joining
33°25′02″N 117°37′42″W
33°24′47″N 117°38′12″W
33°22′57″N 117°36′42″W
33°23′15″N 117°36′17″W
and delete depths and depth contours within
above area
(NOS)

809055 7Ed. 10/22/83 LAST NM N18/00 N24/01
Change Legend to "Obstn (Fish haven) (auth min
11m)" at fish haven 33°24.0′N 117°37.3′W
(NOS)

809055 7Ed. 10/22/83 LAST NM N24/01 N33/01
Change Buoy "4" to "2" R, Fl R 2½s 33°27′13″N 117°41′15″W
(26/01 CG11)

809055 7Ed. 10/22/83 LAST NM N33/01 N16/03
Add Buoy Fl Y 4s (PA) with legend "Wave buoy"
33°13′18″N 117°26′00″W
(9/03 CG11)

809055 7Ed. 10/22/83 LAST NM N16/03 N25/04
Add Buoy "96" Y, spherical, Fl(5) Y 20s (Priv)
33°27′30″N 117°45′57″W
(10/04 CG11)

809055 7Ed. 10/22/83 LAST NM N25/04 N26/04
Add Buoy "45" Y, spherical, Fl(5) Y 20s (Priv)
33°10′46″N 117°28′17″W
(10/04 CG11)

809055 7Ed. 10/22/83 LAST NM N26/04 N31/04
Add Position circle "RADOME" 33°14′55″N 117°25′20″W
(NOS)

809055 7Ed. 10/22/83 LAST NM N31/04 N3/06
Add Buoy Y, pillar, Fl(4) Y 20s (Priv) 33°12′18″N 117°26′32″W
(46/05 CG11)

809055 7Ed. 10/22/83 LAST NM N3/06 N35/06
Relocate Buoy from 33°12′18″N 117°26′32″W to
33°12′00″N 117°26′24″W
(See N3/06-809055)
(26/06 CG11)

809055 7Ed. 10/22/83 LAST NM N35/06 N47/06
Add Depth 1.8 meters 33°12′26″N 117°23′54″W
(NOS)

809055 7Ed. 10/22/83 LAST NM N47/06 N9/07
Change Characteristic of buoy to Fl(5) 20s
33°12′00″N 117°26′24″W
Light to "3" Fl G 4s 9m 6M HORN
33°27′17″N 117°41′28″W
(See N35/06-809055)
(49, 51/06 CG11)

★**809310** 9Ed. 6/13/98 NEW EDITION N41/98
(NIMA)

809310 9Ed. 6/13/98 LAST NM N41/98 N7/00
Change Period of buoy "D" to 6s 34°25′32″N 77°05′38″W
(46/99 CG5)

809310 9Ed. 6/13/98 LAST NM N7/00 N13/02
Relocate Buoy "E" from 34°22′45″N 77°11′00″W to
34°22′34″N 77°11′00″W
(8/02 CG5)

809310 9Ed. 6/13/98 LAST NM N13/02 N18/02
Relocate Buoy "A" from 34°36′19″N 77°05′47″W to
34°36′19″N 77°05′34″W
(13/02 CG5)

809310 9Ed. 6/13/98 LAST NM N18/02 N39/02
Relocate Buoy "NR" from 34°31′04″N 77°19′19″W to
34°31′08″N 77°19′21″W
(33/02 CG5)

809310 9Ed. 6/13/98 LAST NM N39/02 N49/04
Relocate Buoy "NR" from 34°31′09″N 77°19′21″W to
34°31′02″N 77°19′33″W
(41/04 CG5)

★**809559** 2Ed. 10/17/87 NEW EDITION N5/88
(DMAHTC)

★**809679** 2Ed. 2/22/86 NEW EDITION N19/86
Delete Light "1" 32°45′30″N 117°15′33″W

Change Characteristic
of light "B" to Fl 4s 32°41′11″N 117°13′55″W
buoy "6" to Fl R 4s 32°39′10″N 117°13′25″W
(DMAHTC; 15/86 CG11; USCG LL)

809679 2Ed. 2/22/86 LAST NM N19/86 N21/86
Relocate Buoy "10" close E to 32°40′25.5″N 117°13′36.2″W
(18/86 CG11)

809679 2Ed. 2/22/86 LAST NM N21/86 N22/86
Add Buoy "1", G, Fl G 4s BELL 32°45′28″N 117°15′45″W
(19/86 CG11)

809679 2Ed. 2/22/86 LAST NM N22/86 N18/87
Add R Bn 317 kHz — –••• 32°45′31″N 117°15′22″W
(11, 12/87 CG11)

809679 2Ed. 2/22/86 LAST NM N18/87 N28/88
Delete Light (Navy maintd) 32°46′20″N 117°16′03″W

Add Obstruction (covered 9.1 meters) 32°46′21″N 117°16′04″W
(22/88 CG11)

809679 2Ed. 2/22/86 LAST NM N28/88 N32/88
Add Stranded wreck marked by buoy,
white and orange bands, Q 32°41′11.5″N 117°13′35.2″W
(26/88 CG11)

809679 2Ed. 2/22/86 LAST NM N32/88 N41/88
Relocate Buoy (32°44.8′N 117°22.2′W) to 32°44.0′N 117°20.7′W
(36/88 CG11)

809679 2Ed. 2/22/86 LAST NM N41/88 N42/88
Change Color of buoy "5" to green 32°39′08″N 117°13′40″W
(38/88 CG11)

809679 2Ed. 2/22/86 LAST NM N42/88 N44/88
Change Color of buoy "3" to green 32°38′13″N 117°14′10″W
(37/88 CG11)

809679 2Ed. 2/22/86 LAST NM N44/88 N1/89
Delete Wreck and buoy 32°41′12″N 117°13′35″W
(Supersedes N32/88-809679)
(50/88 CG11)

809679 2Ed. 2/22/86 LAST NM N1/89 N51/89
Add Buoy (mooring) "TG-1" 32°38′58″N 117°10′44″W
(47/89 CG11)

809679 2Ed. 2/22/86 LAST NM N51/89 N14/90
Add Danger circles
"Subm buoy (covered 4fms)" 32°41′10.4″N 117°16′10.3″W
32°41′09.2″N 117°16′49.9″W
32°40′44.0″N 117°17′33.7″W
32°40′36.2″N 117°18′33.7″W
32°40′18.2″N 117°19′29.5″W
32°41′54.8″N 117°17′04.3″W
32°41′27.8″N 117°18′43.9″W
(7/90 CG11)

809679 2Ed. 2/22/86 LAST NM N14/90 N16/91
Add Buoys, each R
"8A" 32°39′56″N 117°13′26″W
"10A" 32°40′26″N 117°13′32″W
"12A" 32°40′57″N 117°13′38″W
(12/91 CG11)

809679 2Ed. 2/22/86 LAST NM N16/91 N36/91
Delete Buoy (mooring) "CG1" 32°40.4′N 117°14.0′W

Add Buoy (waverider) Y, Fl(5) Y 20s
(Priv maintd) 32°44′52″N 117°22′09″W

Dashed-line circle with legend
"Subm buoy (37m rep)" (PA) 32°38′30″N 117°21′24″W
(32/91 CG11)

809679 2Ed. 2/22/86 LAST NM N36/91 N7/92
Delete Danger circles
"Subm buoy (covered 4fms)" 32°41′10″N 117°16′10″W
32°41′09″N 117°16′50″W
32°40′44″N 117°17′34″W
32°40′36″N 117°18′34″W
32°40′18″N 117°19′30″W
32°41′55″N 117°17′04″W
32°41′28″N 117°18′44″W
(3/92 CG11)

809679 2Ed. 2/22/86 LAST NM N7/92 N8/93
Delete Buoys
"8A" 32°39′56″N 117°13′26″W
"10A" 32°40′26″N 117°13′32″W
"12A" 32°40′57″N 117°13′38″W
(undesignated) 32°41′12″N 117°13′41″W
(undesignated) 32°39′30″N 117°11′45″W

Legend "Fl 2.5s" 32°37′20″N 117°14′42″W

Change Characteristic of lights, each to Fl 4s
"V" 32°40′55″N 117°13′22″W
"W" 32°40′42″N 117°13′22″W
"X" 32°40′30″N 117°13′21″W
"Y" 32°40′16″N 117°13′21″W

(continued on next page)

809679 (Continued) 8/93
Characteristic of light "Z" to Fl 2½s
32°40′01″N 117°13′21″W

Add Danger circle "Subm buoy (cov 9.1m)"
32°45′26.2″N 117°17′12.2″W
32°45′49.8″N 117°16′06.9″W
32°45′49.8″N 117°15′36.9″W

Danger circle "Obstn Rep (1992)" (PA)
32°37′06.0″N 117°11′03.0″W
Buoy "A" Y, Fl Y 4s (Priv maintd)
32°46′24.0″N 117°21′21.0″W

Buoys, orange and white (Priv maintd)
32°40′41.2″N 117°15′19.1″W
32°40′41.2″N 117°15′34.5″W

Legend "(see note)" 32°40′36.0″N 117°15′26.0″W

Note in upper right margin of chart
"NOTE
The Point Loma Outfall Pipeline Buoys
mark dangerous shoaling along the
pipeline which may present a danger to
vessels transiting the area."
(MCC1223/93)

809679 2Ed. 2/22/86 LAST NM N8/93 N13/93
Add Light F 18ft (Navy maintd) (PA)
32°40′18.0″N 117°14′04.7″W
(8/93 CG11)

809679 2Ed. 2/22/86 LAST NM N13/93 N17/93
Add Danger circle "Obstr (cov 3fms)"
32°39′31.1″N 117°13′42.7″W

Submarine cable between 32°39′31.1″N 117°13′42.7″W
32°41′10.8″N 117°13′58.0″W
(13/93 CG11)

809679 2Ed. 2/22/86 LAST NM N17/93 N44/93
Change Light to Fl 5s 18ft 20M (Navy maintd)
32°40′18.0″N 117°14′04.7″W
(See N13/93-809679)
(36/93 CG11)

809679 2Ed. 2/22/86 LAST NM N44/93 N50/93
Delete R Bn 32°45′31″N 117°15′22″W
(46/93 CG11)

809679 2Ed. 2/22/86 LAST NM N50/93 N23/94
Add Purple dashed line (sewer)
joining 32°40′19″N 117°16′59″W
32°39′55″N 117°19′22″W
32°40′19″N 117°19′30″W

between 32°39′55″N 117°19′22″W
32°39′31″N 117°19′27″W
(16, 17/94 CG11)

809679 2Ed. 2/22/86 LAST NM N23/94 N40/94
Add Buoys, each R, nun
"8A" 32°39′56.0″N 117°13′25.5″W
"10A" 32°40′26.1″N 117°13′31.4″W
"12A" 32°40′56.8″N 117°13′37.8″W
(32/94 CG11)

809679 2Ed. 2/22/86 LAST NM N40/94 N11/95
Delete Buoy
"8A" 32°39′56″N 117°13′26″W
"10A" 32°40′26″N 117°13′31″W
"12A" 32°40′57″N 117°13′38″W
(Supersedes 40/94-809679)
(4/95 CG11)

809679 2Ed. 2/22/86 LAST NM N11/95 N26/95
Delete R Bn 32°39′58″N 117°14′34″W
(20/95 CG11)

809679 2Ed. 2/22/86 LAST NM N26/95 N38/95
Delete Visibility (range) from light 32°40′18″N 117°14′05″W
(32/95 CG11)

809679 2Ed. 2/22/86 LAST NM N38/95 N6/96
Delete Dashed-line circle and legend
"Subm buoy (37m rep)" (PA) 32°38′30″N 117°21′24″W
(SMEA012/96)

809679 2Ed. 2/22/86 LAST NM N6/96 N11/96
Delete Buoy "1" 32°45′28″N 117°15′45″W

Add Light "1" Fl G 6s 22ft 7M HORN
32°45′28″N 117°15′52″W
(7/96 CG11; USCG LL)

809679 2Ed. 2/22/86 LAST NM N11/96 N49/96
Add Racon to buoy "SD" 32°37′20″N 117°14′42″W
(44/96 CG11)

809679 2Ed. 2/22/86 LAST NM N49/96 N33/97
Delete Light 32°40′18″N 117°14′05″W
(29/97 CG11)

809679 2Ed. 2/22/86 LAST NM N33/97 N5/99
Delete BELL from buoy "5" 32°39′08″N 117°13′35″W

Add Buoy "4" R, QR BELL 32°38′02″N 117°13′16″W
(50/98 CG11)

809679 2Ed. 2/22/86 LAST NM N5/99 N25/02
Delete Light "2" 32°45′22″N 117°15′28″W

Relocate Light "1" from 32°45′28″N 117°15′52″W to
32°45′30″N 117°15′36″W

Add Buoy "2" R, Fl R 2.5s 32°45′21″N 117°15′45″W
(20/02 CG11)

809679 2Ed. 2/22/86 LAST NM N25/02 N50/02
Delete Depth 28 meters Wk 32°37′37″N 117°15′03″W

Danger circle and legend "Wreckage"
32°37′33″N 117°14′14″W

Dangerous wreck 32°39′07″N 117°12′00″W
Danger circle "Obstn" 32°39′31″N 117°13′43″W

Submarine cable between 32°39′31″N 117°13′43″W
32°41′11″N 117°13′58″W

Dangerous wreck (PA) 32°40′00″N 117°13′56″W
Rock which covers and uncovers 32°41′12″N 117°13′38″W

Platform 32°41′13″N 117°13′39″W
Note: Platform close northeast remains

Rock awash and legend "Rep...PA"
32°41′16″N 117°13′38″W
(NOS)

809679 2Ed. 2/22/86 LAST NM N50/02 N12/03
Add "DANGER AREA FIRING RANGE" bound
by shore and purple dashed line joining
32°36′36.4″N 117°08′03.1″W
32°36′31.6″N 117°10′21.2″W
32°35′32.6″N 117°10′18.6″W
32°35′37.7″N 117°07′54.4″W
(NOS)

809679 2Ed. 2/22/86 LAST NM N12/03 N27/03
Delete Purple dashed-line area and legend "DANGER
AREA FIRING RANGE" in vicinity
32°36′04″N 117°09′10″W
(Supersedes N12/03-809679)
(NOS)

809679 2Ed. 2/22/86 LAST NM N27/03 N36/04
Delete Buoy (Navy maintd) 32°35′15″N 117°08′12″W
Note: Danger circle "Subm Obstr" remains
(29/04 CG11)

809679 2Ed. 2/22/86 LAST NM N36/04 N17/05
Add Dangerous wreck [K28] 32°41′02.7″N 117°13′32.9″W
(11/05 CG11)

809679 2Ed. 2/22/86 LAST NM N17/05 N26/05
Delete Buoy (undesignated) 32°44′00″N 117°20′42″W
Buoy (undesignated) 32°44′52″N 117°22′09″W
Buoy "A" 32°46′24″N 117°21′21″W
(US CH 18765)

809679 2Ed. 2/22/86 LAST NM N26/05 N9/06
Add Legend "See Chart 18773" 32°41′51″N 117°13′49″W
(NTM0010/2006)

809679 2Ed. 2/22/86 LAST NM N9/06 N11/06
Add Buoy "93" Y, spherical, Fl(5) Y 20s (Priv)
32°44′47.8″N 117°22′08.9″W
(3/06 CG11)

809679 2Ed. 2/22/86 LAST NM N11/06 N4/07
Add Danger circle [K41] "Subm buoy (cov 6m)"
32°39′09.6″N 117°19′33.4″W
Danger circle [K41] "Subm buoy (cov 6m)"
32°40′02.0″N 117°19′29.9″W
Danger circle [K41] "Subm buoy (cov 6m)"
32°40′11.3″N 117°16′51.7″W
Danger circle [K41] "Subm buoy (cov 6m)"
32°40′14.9″N 117°16′52.0″W
(36/06 CG11)

809679 2Ed. 2/22/86 LAST NM N4/07 N7/07
Add Buoy "155" Y, spherical, Fl(5) Y 20s (Priv)
32°34′09.9″N 117°10′05.5″W
(1/07 CG11)

809679 2Ed. 2/22/86 LAST NM N7/07 N9/07
Delete Buoy 32°41′12.0″N 117°13′39.0″W

Add Position circle "Tower" [E20] 32°42′05.3″N 117°12′25.0″W
(49/06 CG11; NTM0008/2007)

809679 2Ed. 2/22/86 LAST NM N9/07 N34/07
Delete Position circle and legend "STACK"
32°41′41.8″N 117°08′40.0″W
(NTM0008/2007)

★**809780** 1Ed. 7/23/77 NEW CHART N37/77
(DMAHC)

809780 1Ed. 7/23/77 LAST NM N37/77 N14/80
Add Note from back of Section I in lower left margin of chart
(NVS6053/80)

★**809789** 2Ed. 7/22/95 NEW EDITION N39/95
Add Legend "LIMITED DISTRIBUTION" in upper left and lower right margins of chart

Note in lower right margin of chart "LIMITED DISTRIBUTION: Distribution authorized to DoD, IAW 10 U.S.C. subsec. 130 & 2796. Release authorized to U.S. DoD contractors IAW 48 C.F.R. sec. 252.245-7000. Refer other requests to Headquarters, DMA, ATTN: Release Officer, Stop A-10. Destroy as "For Official Use Only." Removal of this caveat is prohibited."
(DMA)

809789 2Ed. 7/22/95 LAST NM N39/95 N40/97
Delete Buoy (mooring) and legend "(2 buoys)"
30°59′26″N 29°16′28″E

Add "PROHIB AREA" bound by shore and green composite-line lesser arc of a circle, radius 5 miles, centered 3180 meters E
of position 30°53′56″N 29°29′58″E
arc between 30°55′13″N 29°26′23″E
30°58′36″N 29°29′58″E
(8/95 Alexandria; SMEA025/96)

809789 2Ed. 7/22/95 LAST NM N40/97 N48/01
Delete Depth 13.7 meters 30°54′30″N 29°11′43″E
Depth 13.7 meters 30°53′45″N 29°13′21″E
Depth 13.7 meters 30°56′44″N 29°13′17″E
Depth 11.9 meters 30°53′54″N 29°15′17″E
Depth 11.9 meters 30°52′19″N 29°15′33″E
Depth 8.2 meters 30°53′07″N 29°17′28″E
Depth 7.3 meters 30°56′20″N 29°15′27″E
Depth 5.5 meters 30°56′45″N 29°16′12″E
Depth 3.7 meters 30°56′19″N 29°16′21″E
Depth 7.3 meters 30°55′34″N 29°16′30″E
Depth 7.3 meters 30°56′03″N 29°17′17″E
Depth 3.7 meters 30°56′40″N 29°17′10″E
Depth 12.8 meters 30°56′43″N 29°18′15″E
Depth 5.5 meters 30°57′12″N 29°18′45″E
Depth 5.5 meters 30°55′13″N 29°19′05″E

Rocks (3), danger circle and legend "Sha'b... Reef)" in vicinity 30°56′05″N 29°16′43″E

Add Depth 26.8 meters 30°54′40″N 29°11′38″E
Depth 9.5 meters 30°54′05″N 29°13′01″E
Depth 38 meters 30°56′36″N 29°13′16″E
Depth 5.2 meters 30°54′17″N 29°14′23″E
Depth 7.1 meters 30°52′55″N 29°14′57″E
Depth 3.9 meters 30°54′23″N 29°15′03″E
Depth 25.9 meters 30°55′18″N 29°15′03″E
Depth 3.5 meters 30°54′37″N 29°15′29″E
Depth 3.6 meters 30°54′34″N 29°15′38″E
Depth 5.7 meters 30°54′50″N 29°15′52″E
Depth 6.8 meters 30°53′33″N 29°15′54″E
Depth 32 meters 30°56′46″N 29°16′33″E
Depth 7.5 meters 30°55′06″N 29°16′41″E
Depth 12.3 meters 30°54′00″N 29°16′57″E
Depth 8.2 meters 30°55′14″N 29°17′19″E
Depth 5.7 meters 30°53′08″N 29°17′23″E
Depth 7.9 meters 30°55′12″N 29°17′27″E
Depth 3.6 meters 30°52′33″N 29°17′42″E
Depth 5 meters 30°53′07″N 29°18′16″E
Depth 6.1 meters 30°55′50″N 29°18′46″E
Depth 30.3 meters 30°57′01″N 29°18′55″E
Depth 14.4 meters 30°55′21″N 29°19′00″E
Depth 7.9 meters 30°56′03″N 29°19′41″E
Depth 1.5 meters 30°56′20″N 29°20′40″E
Depth 4 meters 30°56′39″N 29°20′59″E

Legend "Sha'b Medîna (Medîna Reef)
30°54′20″N 29°16′00″E
(NTM0052/2001)

Chart 51 NM 7/84

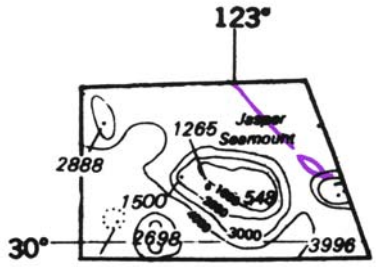
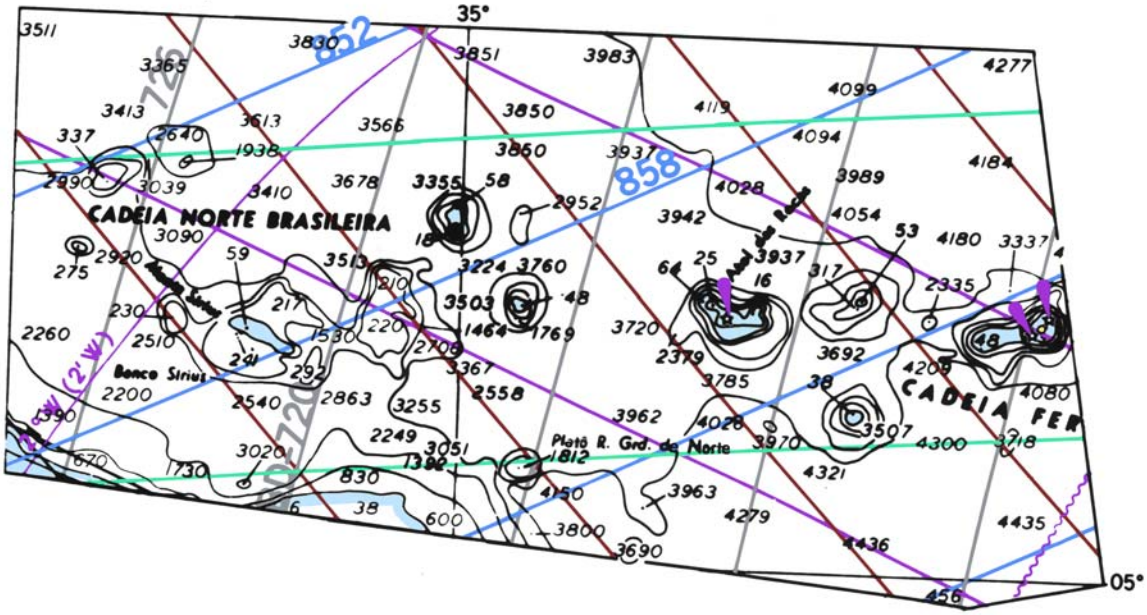


Chart 62 NM 16/07

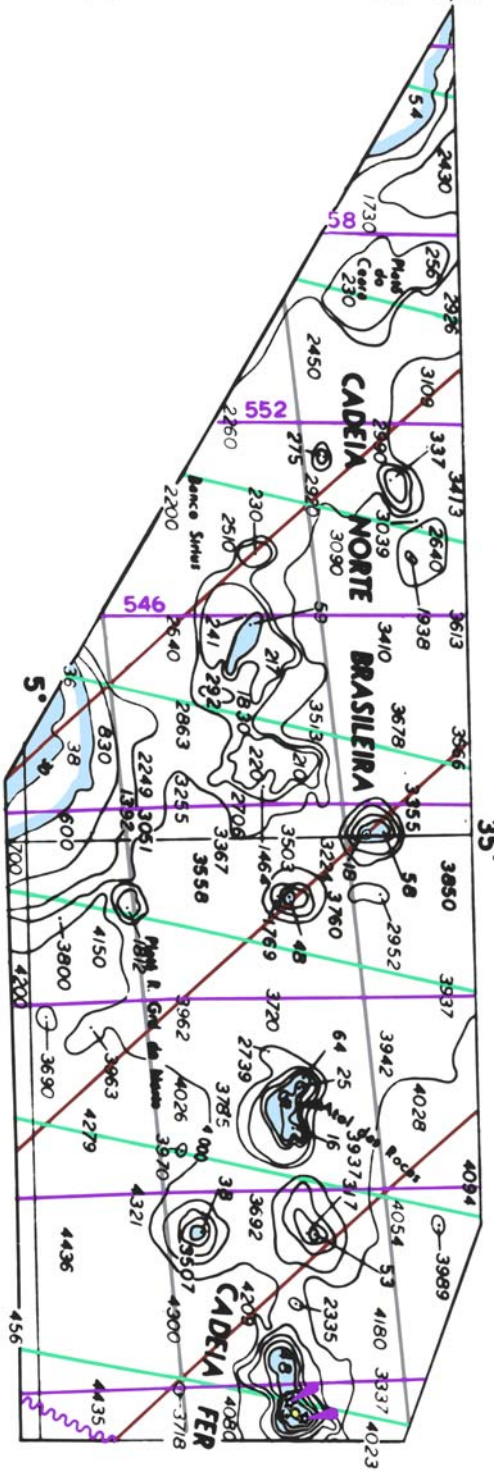
RED DOT POINTS AND AREAS

Areas enclosed by purple dashed line have been identified as potential hazards to navigation. They are designated as "Red Dot Area/Point #" areas with an associated predicted depth (+/- 250 meters). This predicted depth is derived from remote-sensed gravity data and could fall anywhere within the caution area. Mariners are advised to navigate with extreme caution within these areas.

Chart 106 NM 44/85



BRASILEIRA
TERRAÇO DO CEARÁ
MONTES DO CEARÁ
Platô do Ceará
Banco Sirius
Pta. Mucuripe
R Bn
FORTALEZA
1043
AERO R Bn
Pta. Macaú
Pta. Cajueiro
Areia Branca
Macau
Pta. de S. Alberto
CABO CA
AD-918
924
40°
5°


CADEIA NORTE BRASILEIRA
CADEIA FER
Banco Sirius
Plat. R. Grd. do Norte
Plat. do Ceará
58
552
546
35
5°

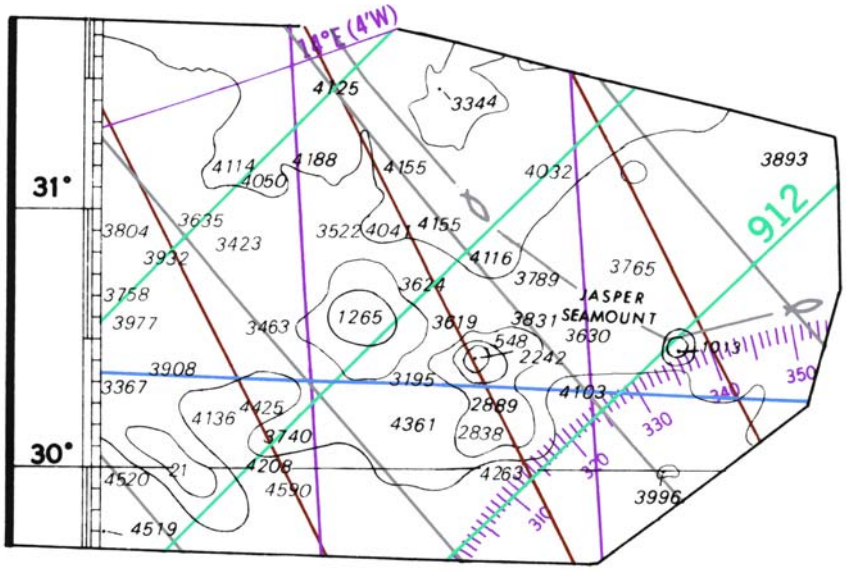


Chart 625 NM 16/07

RED DOT POINTS AND AREAS

Areas enclosed by purple dashed line have been identified as potential hazards to navigation. They are designated as "Red Dot Area/Point #" areas with an associated predicted depth (+/- 250 meters). This predicted depth is derived from remote-sensed gravity data and could fall anywhere within the caution area. Mariners are advised to navigate with extreme caution within these areas.

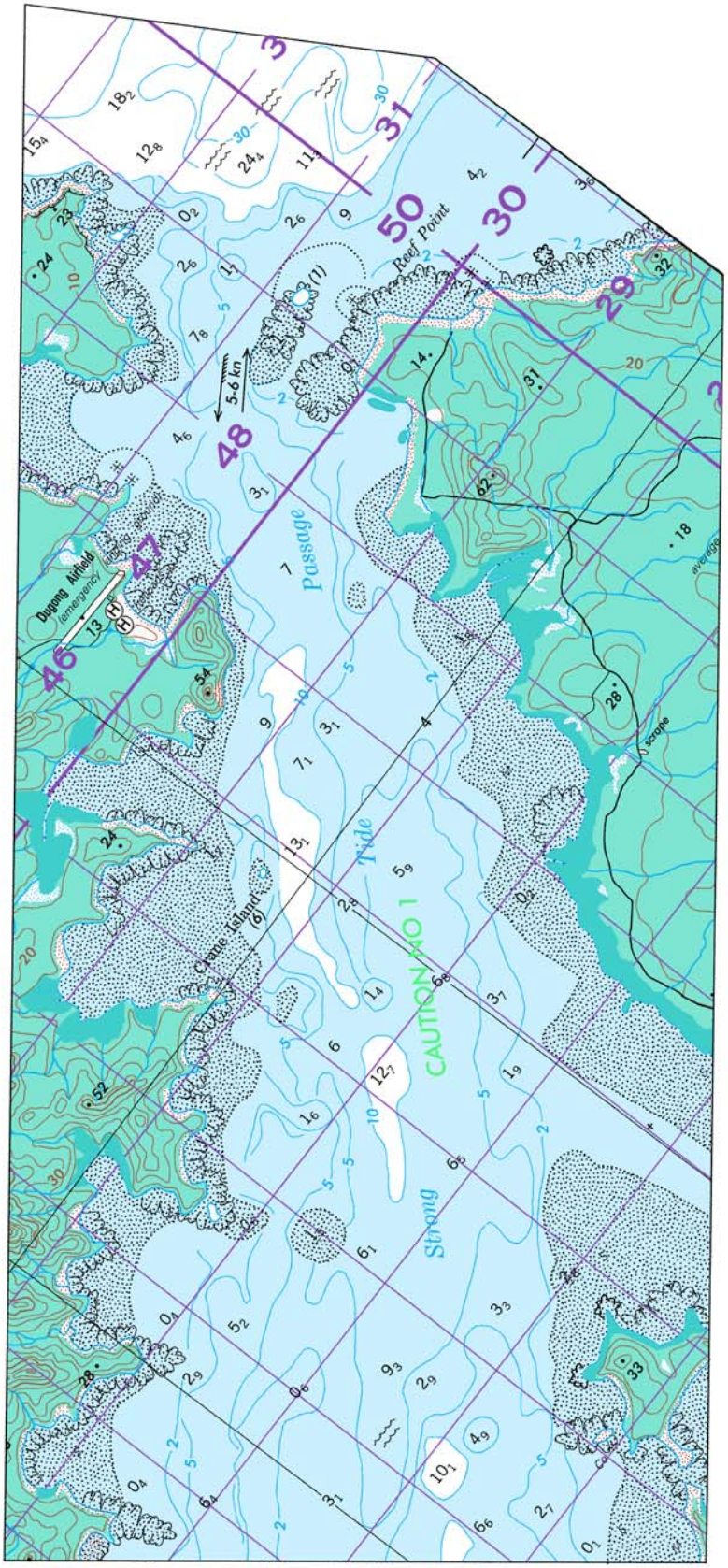

Reef Point
Passage
Tide
Strong
CAUTION NO 1
Crane Island
Dugong Airfield
emergency
5.6 kn
average
scrub

CHART 800323 NM N32/99

SHOALWATER BAY MILITARY EXERCISE AREA

1. The waters within the area are closed to public access during the conduct of military exercises; closure will be advised by Notice to Mariners. However, all creeks within the area are permanently closed to public access. Shelter from storm or tempest may still be sought at Freshwater Bay, Port Clinton and Pearl Bay.
2. Shoalwater Bay and its approaches are within the limits of a firing danger area.

Chart 803333 NM 17/99

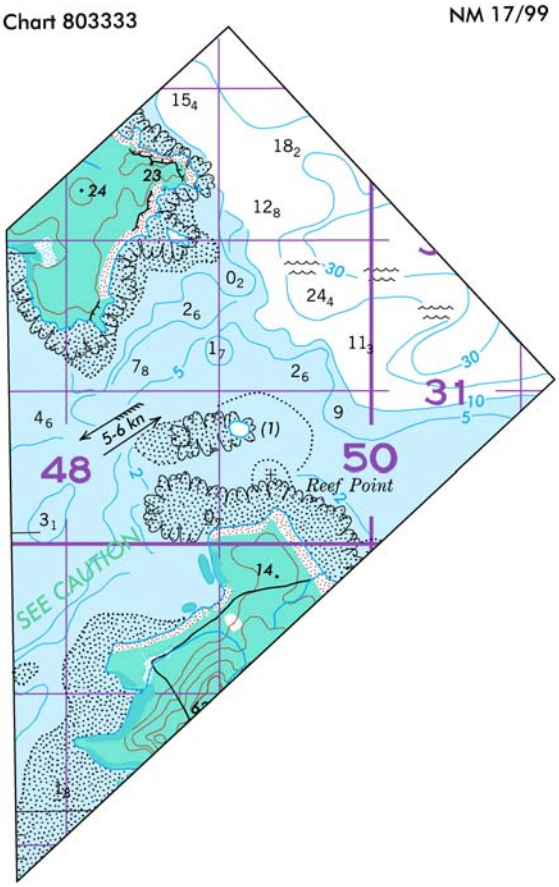


CHART 803333 NM N32/99

SHOALWATER BAY MILITARY EXERCISE AREA

1. The waters within the area are closed to public access during the conduct of military exercises; closure will be advised by Notice to Mariners. However, all creeks within the area are permanently closed to public access. Shelter from storm or tempest may still be sought at Freshwater Bay, Port Clinton and Pearl Bay.
2. Shoalwater Bay and its approaches are within the limits of a firing danger area.

NOTE

Submerged submarines operating with or without escorting vessels may be encountered within the area of this chart.

Chart 804037 NM N51/77

CHANGES IN BUOYAGE

After April 1980 certain buoys, lights and beacons within the limits of this chart will be affected by the implementation of Stage 4 of the conversion to IALA Maritime Buoyage System "A"—The Combined Cardinal and Lateral System (red to port)—in Europe and Mediterranean Africa. For further explanation, see Annual NM 1(6) 1980 and NM 10/80 Section III.

Chart 804037 NM N14/80

CHANGES IN BUOYAGE

After April 1980 certain buoys, lights and beacons within the limits of this chart will be affected by the implementation of Stage 4 of the conversion to IALA Maritime Buoyage System "A"—The Combined Cardinal and Lateral System (red to port)—in Europe and Mediterranean Africa. For further explanation, see Annual NM 1(6) 1980 and NM 10/80 Section III.

Chart 807861 NM N14/80

NOTE

Channel is obligatory for tankers transporting hydrocarbons and vessels carrying dangerous cargoes.

Chart 807861 NM N30/81

CHANGES IN BUOYAGE

After 1 April 1979 certain buoys, lights and beacons within the area of this chart will be affected by the implementation of Stage 3 of the conversion to IALA Maritime Buoyage System "A"–The Combined Cardinal and Lateral System (red to port)– in Europe and Mediterranean Africa. For further explanation, see NM 8S/1979 and Annual NM 1(6)1979.

Chart 808365 NM N9/79

CHANGES IN BUOYAGE

After April 1980 certain buoys, lights and beacons within the limits of this chart will be affected by the implementation of Stage 4 of the conversion to IALA Maritime Buoyage System "A"—The Combined Cardinal and Lateral System (red to port)—in Europe and Mediterranean Africa. For further explanation, see Annual NM 1(6) 1980 and NM 10/80 Section III.

Chart 809780 NM N14/80

COAST PILOT 1 37 Ed 2007 NEW EDITION
(NOS) 18/07

COAST PILOT 1 37 Ed 2007 Change No. 1
LAST NM 18/07

Page 165—Paragraph 324, lines 2 to 3; read:

advanced 1 hour on the second Sunday of March and are set back to standard time on the first Sunday of November.
(CL 324/07) 19/07

Page 169—Paragraph 41, lines 1 to 5; read:

The principal landmarks are a blue standpipe, the customhouse with its square tower, and the spire of a church about 300 yards west-southwest of the customhouse. Numerous concrete pylon boundary markers on ...
(CL 1207/06) 19/07

Page 233—Paragraph 127; strike out.
(CL 344/07) 19/07

Page 278—Paragraph 196, line 4; read:

fixed span with a clearance of 6 feet. East of the north ...
(CL 47/07) 19/07

COAST PILOT 1 37 Ed 2007 Change No. 2
LAST NM 19/07

Page 82—Paragraphs 831 to 832; read:

(c) Any person directly affected by the establishment of a safety zone or by an order or direction issued by, or on behalf of, a District Commander, or who receives an unfavorable ruling on an appeal taken under paragraph (b) of this section may appeal to the Area Commander through the District Commander. The appeal must be in writing, except as allowed under paragraph (e) of this section, and shall contain complete supporting documentation and evidence which the appellant wishes to have considered. Upon receipt of the appeal, the Area Commander may direct a representative to gather and submit documentation or other evidence which would be necessary or helpful to a resolution of the appeal. A copy of this documentation and evidence is made available to the appellant. The appellant is afforded five working days from the date of receipt to submit rebuttal materials. Following submission of all materials, the Area Commander issues a ruling, in writing, on the appeal. Prior to issuing the ruling, the Area Commander may, as a matter of discretion, allow oral presentation on the issues.

(d) Any person who receives an unfavorable ruling on an appeal taken under paragraph (c) of this section, may appeal through the Area Commander to the Assistant Commandant for Prevention (formerly known as the Assistant Commandant for Marine Safety, Security and Environmental Protection), U.S. Coast Guard, Washington, DC 20593. The appeal must be in writing, except as allowed under paragraph (e) of this section. The Area Commander forwards the appeal, all the documents and evidence which formed the record upon which the order or direction was issued or the ruling under paragraph (c) of this section was made, and any comments which might be relevant, to the Assistant Commandant for Prevention. A copy of this documentation and evidence is made available to the appellant. The appellant is afforded five working days from the date of receipt to submit rebuttal materials to the Assistant Commandant for Prevention. The decision of the Assistant Commandant for Prevention is based upon the materials submitted, without oral argument or presentation. The decision of the Assistant Commandant for Prevention is issued in writing and constitutes final agency action.
(FR 4/9/07) 20/07

Page 397—Paragraph 11, lines 8 to 14; read:

southern end of the Cohasset Cove anchorage. In December 2005-January 2006, the controlling depths were 4.4 feet at midchannel, with shoaling to bare in the left outside quarter between Buoy 11 and the breakwater, to Cohasset Cove anchorage, thence 3.7 to 7 feet in the anchorage, except for shoaling along the edge adjacent to Bassing Beach, thence 3.7 feet in the anchorage southward of Cohasset Cove anchorage, thence 4.7 feet in the easterly anchorage in Bailey Creek, except for shoaling near the southwest end of Bassing Beach and in the eastern end of the basin, thence 3.8 feet in the westerly anchorage shoaling to 1.1 feet at the head of ...
(BPs 190575-76; CL 209/07) 20/07

COAST PILOT 1 37 Ed 2007 Change No. 3

Page 190—Paragraph 201, lines 3 to 16; read:

buoys, leads from the bay to the river, thence to an anchorage off Mitchell Point, thence to two anchorages in the river off Milbridge and thence to the Milbridge town wharf, on the east side of the river about 0.2 mile eastward of the bridge. In 2004-December 2006, the controlling depth was 10.3 feet to the Jordan Pier Town Landing just above the lower anchorage; thence in December 2006-January 2007, the controlling depth was 5.5 feet to the town wharf except for shoaling to bare in the upper portion of the turning basin at the head of the project. In 2004-September 2006, the anchorage off Mitchell Point had 9 feet available in the eastern part and 2.4 feet in the western part nearest Mitchell Point. Upstream, the lower anchorage had depths of 5.3 feet, except for shoaling to bare along its western limit and the upper anchorage nearest Milbridge had 5 feet in its eastern part and depths of 4.5 feet in its western part. The channel is narrow ...
(CL 294/07; BPs 190630-35) 20/07

Page 197—Paragraph 33, lines 1 to 4; read:

In June 2006, the controlling depths were 6.2 feet in the channel to the anchorages, thence 5 to 8 feet in the anchorages with lesser depths along the edges. The harbor outside the limits of the ...
(BP 190619; CL 275/07) 20/07

COAST PILOT 1 37 Ed 2007 Change No. 4
LAST NM 20/07

Page 15—Paragraph 177, line 12; read:

80 or NGA Pub. 117. (**See Appendix A for a list of** ...
(47 CFR 80) 22/07

Page 201—Paragraph 82, lines 2 to 3; read:

end of Grindstone Neck, is marked by a buoy. The narrow channel between the ledge and ...
(18/07 CG1; LL/06) 22/07

COAST PILOT 1 37 Ed 2007 Change No. 5
LAST NM 22/07

Page 20—Paragraph 338 to Page 21—Paragraph 359; read:

Emergency Position Indicating Radiobeacons (EPIRBs), are designed to save your life if you get into trouble by alerting rescue authorities and indicating your location. EPIRB types are described in the accompanying table.

EPIRB Types		
Type	Frequency	Description
Cat I	406/121.5 MHz	Float-free, automatically activated EPIRB. Detectable by satellite anywhere in the world. Recognized by the Global Maritime and Distress Safety System (GMDSS).
Cat II	406/121.5 MHz	Similar to Category I, except is manually activated. (Some models are also water activated).

406 MHz EPIRBs (Category I, II): The 406 MHz EPIRB was designed to operate with satellites. The signal frequency (406 MHz) has been designated internationally to be used only for distress. Other communications and interference are not allowed on this frequency. Its signal allows a satellite local user terminal to accurately locate the EPIRB and identify the vessel (the signal is encoded with the vessel's identity) anywhere in the world (there is no range limitation). These devices are detectable not only by COSPAS-SARSAT satellites which are polar orbiting, but also by geostationary GOES weather satellites. EPIRBs detected by the GEOSAR system, consisting of GOES and other geostationary satellites, send rescue authorities an instant alert, but without location information unless the EPIRB is equipped with an integral GPS receiver. EPIRBs detected by COSPAS-SARSAT (e.g. TIROS N) satellites provide rescue authorities location of distress, but location and sometimes alerting may be delayed as much as an hour or two. These EPIRBs also include a 121.5 MHz homing signal, allowing aircraft and rescue craft to quickly find the vessel in distress. These are the only type of EPIRB which must be certified by Coast Guard approved independent laboratories before they can be sold in the United States.

A new type of 406 MHz EPIRB, having an integral GPS navigation receiver, became available in 1998. This EPIRB will send accurate location as well as identification information to rescue authorities immediately upon activation through both geostationary (GEOSAR) and polar orbiting satellites. These types of EPIRB are the best you can buy.
406 MHz emergency locating transmitters (ELTs) for aircraft are currently available and 406 MHz personnel locating beacons (PLBs) are also available.

The Coast Guard recommends you purchase a 406 MHz EPIRB, preferably one with an integral GPS navigation receiver. A Cat I EPIRB should be purchased if it can be installed properly.

Proper registration of your 406 MHz EPIRB is intended to save your life, and is mandated by Federal Communications Commission regulations; the Coast Guard is enforcing this FCC registration rule.

If you purchase a new or a used 406 MHz EPIRB, you MUST register it with NOAA. If you change your boat, your address, or your primary phone number, you MUST re-register your EPIRB with NOAA. If you sell your EPIRB, make sure the purchaser re-registers the EPIRB, or you may be called by the Coast Guard if it later becomes activated. An FCC ship station license is no longer required to purchase or carry an EPIRB. Download or request 406 MHz EPIRB registration forms from www.sarsat.noaa.gov/beacon.html, and mail or fax completed forms to:

SARSAT Beacon Registration
E/SP3, Room 3320, FB-4
NOAA
5200 Auth Road
Suitland, MD 20746-4304

or call toll free at **1-888-212-SAVE** (1-888-212-7283) for further information or a copy of the registration form. From outside the U.S., call: 1-301-457-5430 or fax: 301-568-8649 for further information. Forms may be requested by phone or fax, or downloaded by computer (above). There is no charge

for this service. IT MAY SAVE YOUR LIFE.
(47 CFR 80; 16/07 CG9; 14/07 CG9; DD 9023) 23/07

Page 267—Paragraph 31, line 6 to Paragraph 32, line 2; read:

at low water. Up to 5 feet is available with local knowledge.
In 1979, there was no commercial shipping and ...
(BPs 190696-98; CL 332/07) 23/07

COAST PILOT 1 37 Ed 2007 Change No. 6
LAST NM 23/07

Page 329—Paragraph 219, lines 6 to 8; read:

Island in Piscataqua River. In February 2005, the controlling depth in the dredged channel was 26.1 feet to the turning basin, thence 35 feet in the basin. The entrance ...
(BPs 190780-85; CL 445/07) 33/07

Page 364—Paragraph 92, lines 9 to 11; read:

are close to the sailing line. In January 2007, the dredged section of Salem Channel had a controlling depth of 31.3 feet, thence in 1999-2002, 27 feet in the ...
(BPs 190786-93; CL 461/07) 33/07

Page 370—Paragraph 161, lines 3 to 6; read:

leading along the west side of Derby Wharf. In February 2006-Janaury 2007, the controlling depth was 10 feet in the channel to the westward turn into South River, thence 4.8 feet (5.5 feet at midchannel) from the turn ...
(BPs 190786-93; CL 461/07) 33/07

COAST PILOT 1 37 Ed 2007 Change No. 7

Page 231—Paragraph 105, line 1; read:

Isle Au Haut Light (44º03'53"N., 68º39'05"W.), 48 feet ...
(25/07 CG1; LL/06) 33/07

Page 237—Paragraph 193, line 1; read:

Saddleback Ledge Light (44º00'52"N., 68º43'35"W.), ...
(25/07 CG1; LL/06) 33/07

Page 251—Paragraph 403, lines 2 to 3; read:

is prominent. **Curtis Island Light** (44º12'05"N., 69º02' 56"W.), 52 feet above the water, is shown from a ...
(25/07 CG1; LL/06) 33/07

Page 256—Paragraph 481, line 1; read:

Dice Head Light (44º22'54"N., 68º49'09"W.), 27 feet ...
(25/07 CG1; LL/06) 33/07

Page 261—Paragraph 569, lines 3 to 4; read:

entrance to Port Clyde. **Marshall Point Light** (43º55'03"N., 69º15'41"W.), 30 feet above the water, is shown from a ...
(25/07 CG1; LL/06) 33/07

Page 281—Paragraph 250, line 3; read:

southeastward of **Hendricks Head Light** (43º49'21"N., 69º41' 23"W.), ...
(25/07 CG1; LL/06) 33/07

Page 285—Paragraph 311, line 3; read:

Pond Island Light (43º44'24"N., 69º46'13"W.), 52 feet ...
(25/07 CG1; LL/06) 33/07

Page 287—Paragraph 362, line 4; read:

(43º47'12"N., 69º47'07"W.) 41 feet above the water, is ...
(25/07 CG1; LL/06) 33/07

Page 288—Paragraph 367, line 3; read:

(43º48'59"N., 69º48'09"W.), 25 feet above the water and ...
(25/07 CG1; LL/06) 33/07

Page 288—Paragraph 374, line 5; read:

(43º52'57"N., 69º48'24"W.), 23 feet above the water, ...
(25/07 CG1; LL/06) 33/07

Page 304—Paragraph 643, line 1; read:

Ram Island Ledge Light (43º37'53"N., 70º11'15"W.), ...
(25/07 CG1; LL/06) 33/07

Page 319—Paragraph 69, line 2; read:

Harbor is **Goat Island Light** (43º21'28"N., 70º25'30"W.), ...
(25/07 CG1; LL/06) 33/07

Page 328—Paragraph 194, line 1; read:

Whaleback Light (43º03'32"N., 70º41'47"W.), ...
(25/07 CG1; LL/06) 33/07

Page 353—Paragraph 535, lines 2 to 3; read:

its eastern end by **Straitsmouth Light** (42º39'44"N., 70º35' 17"W.), 46 feet above the water and shown from a ...
(25/07 CG1; LL/06) 33/07

Page 357—Paragraph 11, line 1; read:

Tenpound Island Light (42º36'07"N., 70º39'56"W.), ...
(25/07 CG1; LL/06) 33/07

Page 363—Paragraph 83, line 1; read:

Marblehead Light (42º30'19"N., 70º50'01"W.), 130 ...
(25/07 CG1; LL/06) 33/07

Page 380—Paragraph 49, lines 9 to 10; read:

is a wharf on the northwest side of the island. **Long Island Head Light** (42º19'49"N., 70º57'28"W.), 120 feet ...
(25/07 CG1; LL/06) 33/07

COAST PILOT 1 37 Ed 2007 Change No. 8
LAST NM 33/07

Page 377—Paragraph 8, line 2; read:

Harbor has a radius of 6.17 miles centered on Boston ...
(CL 228/07; BP 190391;
BP 190394; NOS 13200; 25/07 CG1) 34/07

Page 377—Paragraphs 10 to 11; read:

(i) 42°20'44"N., 70°39'04"W.
(ii) 42°18'14"N., 70°00'24"W., and
(CL 228/07; BP 190391;
BP 190394; NOS 13200; 25/07 CG1) 34/07

COAST PILOT 1 37 Ed 2007 Change No. 9

Page 309—Paragraph 719, line 4; read:

Lighthouse Channel Lighted Buoy 2, to Mill Cove Daybeacon 1, to ...
(24/07 CG1; LL/06) 34/07

Page 413—Paragraph 163, line 14; read:

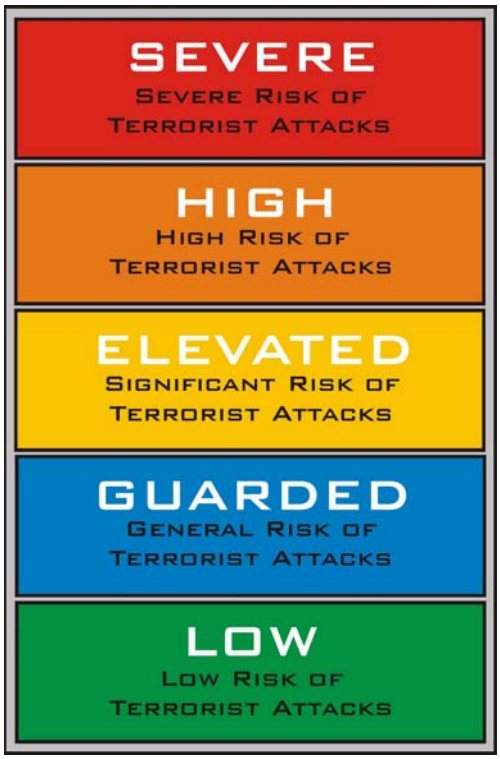
maintains 100 mooring buoys on the west side of the harbor.
(CL 609/07) 34/07

COAST PILOT 1 37 Ed 2007 Change No. 10
LAST NM 34/07

Page 32—Paragraph 472; insert after:

Homeland Security Advisory System

The **Homeland Security Advisory System** is a comprehensive and effective means to disseminate information regarding the risk of terrorist acts to Federal, State, and local authorities and to the American people. The system is designed to guide our protective measures when specific information to a particular sector or geographic region is received. It combines threat information with vulnerability assessments and provides communications to public safety officials and the public. This communication is achieved through threat advisories, information bulletins, and a color-coded threat level system (shown below).



U.S. Coast Guard Maritime Security (MARSEC) Levels

The U.S. Coast Guard has a three-tiered system of Maritime Security (MARSEC) Levels consistent with the Department of Homeland Security's Homeland Security Advisory System (HSAS). MARSEC levels are designed to provide a means to easily communicate pre-planned scalable responses to increased threat levels. The Commandant of the U.S. Coast Guard sets MARSEC levels commensurate with the HSAS. Because of the unique nature of the maritime industry, the HSAS threat conditions and MARSEC levels will align closely, though they will not directly correlate.

MARSEC Level 1 – the level for which minimum appropriate security measures shall be maintained at all times. MARSEC 1 generally applies when HSAS Threat Condition Green, Blue, or Yellow are set.

MARSEC Level 2 – the level for which appropriate additional protective security measures shall be maintained for a period of time as a result of heightened risk of a transportation security incident. MARSEC 2 generally corresponds to HSAS Threat Condition Orange.

MARSEC Level 3 – the level for which further specific protective security measures shall be maintained for a limited period of time when a transportation security incident is probable, imminent, or has occurred, although it may not be possible to identify the specific target. MARSEC 3 generally corresponds to HSAS Threat Condition Red.
(DD 9607; DD 9608) 41/07

Page 92 to Page 94—Table; replace with below:

TABLE 161.12(c)-VTS and VMRS Centers, Call Signs/MMSI, Designated Frequencies, and Monitoring Areas		
Center MMSI[1] Call Sign	**Designated frequency (Channel designation)-purpose[2]**	**Monitoring Area [3, 4]**
Berwick Bay 003669950 *Berwick Traffic*	156.550 MHz (Ch. 11)	The waters south of 29°45' N., west of 91°10' W., north of 29°37' N., and east of 91°18' W.
Buzzards Bay *Buzzards Bay Control[5]*	156.600 MHz (Ch. 12)	The waters east and north of a line drawn from the southern tangent of Sakonnet Point, Rhode Island, in approximate position 41°27.2'N, 70°11.7'W to Buzzards Bay Entrance Light in approximate position 41°23.5'N, 71°02.0'W, and then to the southwestern tangent of Cuttyhunk Island, Massachusetts, at approximate position 41°24.6'N, 70°57.0'W, and including all of the Cape Cod Canal to its eastern entrance, except that the area of New Bedford harbor within the confines (north of) the hurricane barrier, and the passages through the Elizabeth Islands, is not considered to be "Buzzards Bay".
Houston-Galveston 003669954		The navigable waters north of 29° N., west of 94°20' W., south of 29°49' N., and east of 95°20' W.
Houston Traffic	156.550 MHz (Ch. 11) 156.250 MHz (Ch. 5A) - for sailing plans only	The navigable waters north of a line extending due west from the southern most end of Exxon Dock #1 (20°43.37' N., 95°01.27' W.)
Houston Traffic	156.600 MHz (Ch. 12) 156.250 MHz (Ch. 5A) - for sailing plans only	The navigable waters south of a line extending due west from the southern most end of Exxon Dock #1 (29°43.37' N., 95°01.27' W.)
Los Angeles/Long Beach: MMSI/To be determined *San Pedro Traffic*	156.700 MHz (Ch. 14)	Vessel Movement Reporting System Area: The navigable waters within a 25 nautical mile radius of Point Fermin Light (33°42.3' N., 118°17.6' W.)
Louisville: Not applicable *Louisville Traffic*	156.650 MHz (Ch. 13)	The waters of the Ohio River between McAlpine Locks (Mile 606) and Twelve Mile Island (Mile 593), only when the McAlpine upper pool gauge is at approximately 13.0 feet or above.
Lower Mississippi River[6] 0036699952 *New Orleans Traffic*	156.700 MHz (Ch. 14)	The navigable waters of the Lower Mississippi River below 30°38.7'N., 91°17.5'W. (Port Hudson Light at 255 miles Above Head of Passes (AHP)), the Southwest Pass, and, within a 12 nautical miles radius around 28°54.3'N., 89°25.7'W. (Southwest Pass Entrance Light at 19.9 miles Below Head of Passes).

New Orleans Traffic	156.600 MHz (Ch. 12)	New Orleans Sector. The navigable waters of the Lower Mississippi River bounded on the north by a line drawn perpendicularly at 29°56.4'N., 90°08.36'W. and on the south by a line drawn perpendicularly at 29°56.24'N., 89°59.86'W. (88 and 106 miles AHP).
New York 003669951 *New York Traffic*	156.550 MHz (Ch. 11) - For Sailing plans only 156.600 MHz (Ch. 12) - For vessels at anchor	The area consists of the navigable waters of the Lower New York Bay bounded on the east by a line drawn from Norton Point to Breezy Point; on the south by a line connecting the entrance buoys at the Ambrose Channel, Swash Channel, and Sandy Hook Channel to Sandy Hook Point; and on the southeast including the waters of Sandy Hook Bay south to a line drawn at 40° 25'N; then west in the Raritan Bay to the Raritan River Railroad Bridge, then north into waters of the Arthur Kill and Newark Bay to the Lehigh Valley Draw Bridge at 40° 41.9'N; and then east including the waters of the Kill Van Kull and the Upper New York Bay north to a line drawn east-west from the Holland Tunnel ventilator shaft at 40° 43.7'N, 74° 01.6'W, in the Hudson River; and then continuing east including the waters of the East River to the Throgs Neck Bridge, excluding the Harlem River.
New York Traffic	156.700 MHz (Ch. 14)	The navigable waters of the Lower New York Bay west of a line drawn from Norton Point to Breezy Point; and north of a line connecting the entrance buoys of Ambrose Channel, Swash Channel, and Sandy Hook Channel, to Sandy Hook Point; on the southeast including the waters of the Sandy Hook Bay south to a line drawn at latitude 40° 25'N; then west into the waters of Raritan Bay East Reach to a line drawn from Great Kills Light south through Raritan Bay East Reach LGB #14 to Comfort PT, NJ; then north including the waters of the Upper New York Bay south of 40° 42.40'N (Brooklyn Bridge) and 40° 43.70'N (Holland Tunnel Ventilator Shaft); west through the KVK into the Arthur Kill north of 40° 38.25'N (Arthur Kill Railroad Bridge); then north into the waters of the Newark Bay, south of 40° 41.95'N (Lehigh Valley Draw Bridge).
New York Traffic	156.600 MHz (Ch. 12)	The navigable waters of the Raritan Bay south to a line drawn at 40° 26'N; then west of a line drawn from Great Kills Light south through the Raritan Bay East Reach LGB #14 to Point Comfort, NJ; then west to the Raritan River Railroad Bridge; and north including the waters of the Arthur Kill to 40° 28.25'N. (Arthur Kill Railroad Bridge); including the waters of the East River north of 40° 42.40'N (Brooklyn Bridge) to the Throgs Neck Bridge, excluding the Harlem River.
Port Authur[6] 003669955 *Sabine Traffic*	(to be determined)	The navigable waters south of 30°10'N., east of 94°20'W., west of 93°22'W., and, north of 29°10'N.

Prince William Sound 003669958 *Valdez Traffic*	156.650 MHz (Ch. 13)	The navigable waters south of 61°05'N., east of 147°20'W., north of 60° N., and west of 146°30'W.; and, all navigable waters in Port Valdez.
Puget Sound[7] *Seattle Traffic 003669957*	156.700 MHz (Ch. 14)	The waters of Puget Sound, Hood Canal and adjacent waters south of a line connecting Marrowstone Point and Lagoon Point in Admiralty Inlet and south of a line drawn due east from the southernmost tip of Possession Point on Whidbey Island to the shoreline.
Seattle Traffic 003669957	156.250 MHz (Ch. 5A)	The waters of the Strait of Juan de Fuca east of 124°40'W. excluding the waters in the central portion of the Strait of Juan de Fuca north and east of Race Rocks; the navigable waters of the Strait of Georgia east of 122°52'W.; the San Juan Island Archipelago, Rosario Strait, Bellingham Bay; Admiralty Inlet north of a line connecting Marrowstone Point and Lagoon Point and all waters east of Whidbey Island North of a line drawn due east from the southernmost tip of Possession Point on Whidbey Island to the shoreline.
Tofino Traffic 003160012	156.725 MHz (Ch. 74)	The waters west of 124°40'W. within 50 nautical miles of the coast of Vancouver Island including the waters north of 48° N., and east of 127° W.
Victoria Traffic 003160010	156.550 MHz (Ch. 11)	The waters of the Strait of Georgia west of 122°52'W., the navigable waters of the central Strait of Juan de Fuca north and east of Race Rocks, including the Gulf Island Archipelago, Boundary Pass and Haro Strait.
San Francisco 003669956 San Francisco Traffic	156.700 MHz (Ch. 14)	The navigable waters of the San Francisco Offshore Precautionary Area, the navigable waters shoreward of the San Francisco Offshore Precautionary Area east of 122°42.0'W. and north of 37°40.0'N. extending eastward through the Golden Gate, and the navigable waters of San Francisco Bay and as far east as the port of Stockton on the San Joaquin River, as far north as the port of Sacramento on the Sacramento River.
San Francisco Traffic	156.600 MHz (Ch. 12)	The navigable waters within a 38 nautical mile radius of Mount Tamalpais (37°55.8'N., 122°34.6'W.) west of 122°42.0'W. and south of 37°40.0'N and excluding the San Francisco Offshore Precautionary Area.
St. Marys River 003669953 Soo Traffic	156.600 MHz (Ch. 12)	The waters of the St. Marys River between 45°57'N. (De Tour Reef Light) and 46°38.7'N. (lle Parisienne Light), except the St. Marys Falls Canal and those navigable waters east of a line from 46°04.16'N. and 46°01.57'N. (La Pointe to Sims Point in Potagannissing Bay and Worsley Bay).

Notes:

[1] Maritime Mobile Service Identifier (MMSI) is a unique nine-digit number assigned that identifies ship stations, ship earth stations, coast stations, coast earth stations, and group calls for use by a digital selective calling (DSC) radio, an INMARSAT ship earth station or AIS. AIS requirements are set forth in §§161.21 and 164.46 of this subchapter. The requirements set forth in §§161.21 and 164.46 of this subchapter apply in those areas denoted with a MMSI number.

[2] In the event of a communication failure, difficulties or other safety factors, the Center may direct or permit a user to monitor and report on any other designated monitoring frequency or the bridge-to-bridge navigational frequency, 156.650 MHz (Channel 13) or 156.375 MHz (Ch. 67), to the extent that doing so provides a level of safety beyond that provided by other means. The bridge-to-bridge navigational frequency, 156.650 MHz (Ch. 13), is used in certain monitoring areas where the level of reporting does not warrant a designated frequency.

[3] All geographic coordinates (latitude and longitude) are expressed in North American Datum of 1983 (NAD 83).

[4] Some monitoring areas extend beyond navigable waters. Although not required, users are strongly encouraged to maintain a listening watch on the designated monitoring frequency in these areas. Otherwise, they are required to maintain watch as stated in 47 CFR 80.148.

[5] In addition to the vessels denoted in Section 161.16 of this chapter, requirements set forth in subpart B of this chapter also apply to any vessel transiting VMRS Buzzards Bay when equipped with a bridge-to-bridge radiotelephone as defined in part 26 of this chapter.

[6] Until rules regarding VTS Lower Mississippi River and VTS Port Arthur are published, vessels are exempted of all VTS and VMRS requirements set forth in 33 CFR part 161, except those set forth in §§161.21 and 164.46 of this subchapter.

[7] A Cooperative Vessel Traffic Service was established by the United States and Canada within adjoining waters. The appropriate Center administers the rules issued by both nations; however, enforces only its own set of rules within its jurisdiction. Note, the bridge-to-bridge navigational frequency, 156.650 MHz (Ch. 13), is not so designated in Canadian waters, therefore users are encouraged and permitted to make passing arrangements on the designated monitoring frequencies.

(FR 8/30/07) 42/07

Page 117—Paragraph 1519, lines 2 to 6; read:

Except as provided in paragraph (d)(1)(iii) and paragraph 5 of this section, each single hull tank barge, unless being towed by a primary towing vessel with twin-screw propulsion and with a separate system for power to each screw, must be accompanied by an escort tug of sufficient …

(FR 8/30/07) 42/07

Page 117—Paragraph 1526; read:

(G) Any other time a vessel may be operating in a Hazardous Vessel Operating Condition as defined in §161.2 of this Chapter.

(FR 8/30/07) 42/07

Page 118—Paragraph 1573; insert after:

(5) *Special Buzzards Bay Regulations.* (i) For the purposes of this section, "Buzzards Bay" is the body of water east and north of a line drawn from the southern tangent of Sakonnet Point, Rhode Island, in approximate position 41°27.2'N., 70°11.7'W., to the Buzzards Bay Entrance Light in approximate position 41°23.5'N., 71°02.0'W., and then to the southwestern tangent of Cuttyhunk Island, Massachusetts, at approximate position 41°24.6'N., 70°57.0'W., and including all of the Cape Cod Canal to its eastern entrance, except that the area of New Bedford harbor within the confines (north) of the hurricane barrier, and the passages through the Elizabeth Islands, is not considered to be "Buzzards Bay".

(ii) *Additional Positive Control for Barges.* Except as provided in paragraph (d)(1)(iii) of this section, each single hull tank barge transiting Buzzards Bay and carrying 5,000 or more barrels of oil or other hazardous material must, in addition to its primary tug, be accompanied by an escort tug of sufficient capability to promptly push or tow the tank barge away from danger of grounding or collision in the event of–

(A) A propulsion failure;

(B) A parted tow line;

(C) A loss of tow;

(D) A fire;

(E) Grounding;

(F) A loss of steering; or

(G) Any other time a vessel may be operating in a Hazardous Vessel Operating Condition as defined in §161.2 of this subchapter.

(iii) *Federal Pilotage.* Each single hull tank barge transiting Buzzards Bay and carrying 5,000 or more barrels of oil or other hazardous material must be under the direction and control of a pilot, who is not a member of the crew, operating under a valid, appropriately endorsed, Federal first class pilot's license issued by the Coast Guard ("federally licensed pilot"). Pilots are required to embark, direct, and control from the primary tug during transits of Buzzards Bay.

(iv) *Vessel Movement Reporting System.* In addition to the vessels denoted in §161.16 of this chapter, requirements set forth in subpart B of this part also apply to any vessel transiting VMRS Buzzards Bay when equipped with a bridge-to-bridge radiotelephone as defined in part 26 of this chapter.

(A) A VMRS Buzzards Bay user must:

(1) Not enter or get underway in the area without first notifying the VMRS Center;

(2) Not enter VMRS Buzzards Bay if a Hazardous Vessel Operating Condition or circumstance per §161.2 of this Subchapter exists:

(3) If towing astern, do so with as short a hawser as safety and good seamanship permits;

(4) Not meet, cross, or overtake any other VMRS user in the area without first notifying the VMRS center;

(5) Before meeting, crossing, or overtaking any other VMRS user in the area, communicate on the designated vessel bridge-to-bridge radiotelephone frequency, intended navigation movements, and any other information necessary in order to make safe passing arrangements. This requirement does not relieve a vessel of any duty prescribed by the International Regulations for Prevention of Collisions at Sea, 1972 (33 U.S.C. 1602(c)) or the Inland Navigation Rules (33 U.S.C. 2005).

(FR 8/30/07) 42/07

COAST PILOT 1 37 Ed 2007 Change No. 12
LAST NM 42/07

Page 201—Paragraph 89, line 10; read:

A lighted bell buoy is 1 mile southwestward from Egg Rock Light.

(35/07 CG1; LL/06) 46/07

Page 285—Paragraph 314; read:

The Federal Project for Kennebec River provides for a channel 27 feet deep, from the mouth to a point about 0.6 mile above the bridge at Bath, thence 16 to 18 feet to Gardiner, thence 11 feet to the head of navigation at Augusta. Using the chart and care, the project depth can be carried to the bridge at Bath. Above Bath to Gardiner, depths may be 1 to 2 feet less than the project depths; above Gardiner, the chart is the best guide.

(NOS 13298; NOS 13297; CEM-New England/76) 46/07

Page 290—Paragraph 400, line 9; read:

landings. The channels are narrow and most are unmarked; ...

(28/07 CG1) 46/07

Page 323—Paragraph 146, lines 3 to 4; read:

on both sides of the channel. In April 2006, a natural depth of 10 feet was available to the wharves. In 1979, it ...

(CL 739/07; BP 191133) 46/07

Page 323—Paragraph 147, lines 1 to 3; read:

In September 2005- January 2006, the anchorage basins in the cove between Harris and Bragdon Islands and in the cove off the north side of Bragdon Island had depths of 2.6 to 5.8 feet.

(CL 739/07; BP 191133) 46/07

Page 336—Paragraph 325, lines 4 to 9; read:

April 2007, the controlling depth was 3.2 feet to the head of the project at Dover (except for a 1.9-foot shoal spot in about 43º11'20"N., 70º50'32"W.); mariners are advised to consult local knowledge for channel conditions. The channel is privately marked with stakes.

(CL 699/07; BP 191086-96) 46/07

COAST PILOT 1 37 Ed 2007 Change No. 13
LAST NM 46/07

Page 306—Paragraph 673, lines 4 to 5; read:

the **30-foot anchorage**, has depths of 25 to 30 feet with lesser depths to 20 feet in the northeast part.

(BP 191626; CL 1113/07; NOS 13292) 51/07

Page 372—Paragraph 193, lines 6 to 9; read:

In 1997, the midchannel controlling depth in the entrance was 17 feet from Lighted Bell Buoy 2 to about 230 yards

south of White Rocks Light; thence in May-June 2006, the midchannel controlling depth was 16.5 feet in the dredged entrance channel to the turning basin, thence depths of 13 to 16 feet were available in the basin. In 1979-81, 11 feet was reported in the subsidiary …
(CL 935/07; BPs 191269-71; LL/07) 51/07

Page 393—Paragraph 250, lines 4 to 11; read:

Fore River to the head of the project, 0.5 mile above the bridge crossing the river at Quincy Point; a turning basin is on the south side of the channel at Kings Cove. In May 2007, the controlling depth was 33.2 feet in the dredged channel from the entrance to the head of the project (except for a 27-foot spot along the south edge of the channel in about 42°19'02"N., 70°54'30"W.); the turning basin had depths of 34 to 35 feet. Natural depths to about 2 feet are available …
(BPs 191483-91; CL 1058/07;
CEM-New England/86) 51/07

COAST PILOT 2 37 Ed 2008 NEW EDITION
(NOS) 46/07

COAST PILOT 2 37 Ed 2008 Change No. 1
LAST NM 46/07

Page 106 to Page 108; replace table: read:

TABLE 161.12(c)-VTS and VMRS Centers, Call Signs/MMSI, Designated Frequencies, and Monitoring Areas

Center MMSI[1] Call Sign	Designated frequency (Channel designation)-purpose[2]	Monitoring Area [3, 4]
Berwick Bay 003669950 *Berwick Traffic*	156.550 MHz (Ch. 11)	The waters south of 29°45' N., west of 91°10' W., north of 29°37' N., and east of 91°18' W.
Buzzards Bay *Buzzards Bay Control*[5]	156.600 MHz (Ch. 12)	The waters east and north of a line drawn from the southern tangent of Sakonnet Point, Rhode Island, in approximate position 41°27.2'N, 70°11.7'W to Buzzards Bay Entrance Light in approximate position 41°23.5'N, 71°02.0'W, and then to the southwestern tangent of Cuttyhunk Island, Massachusetts, at approximate position 41°24.6'N, 70°57.0'W, and including all of the Cape Cod Canal to its eastern entrance, except that the area of New Bedford harbor within the confines (north of) the hurricane barrier, and the passages through the Elizabeth Islands, is not considered to be "Buzzards Bay".
Houston-Galveston 003669954		The navigable waters north of 29° N., west of 94°20' W., south of 29°49' N., and east of 95°20' W.
Houston Traffic	156.550 MHz (Ch. 11) 156.250 MHz (Ch. 5A) - for sailing plans only	The navigable waters north of a line extending due west from the southern most end of Exxon Dock #1 (20°43.37' N., 95°01.27' W.)
Houston Traffic	156.600 MHz (Ch. 12) 156.250 MHz (Ch. 5A) - for sailing plans only	The navigable waters south of a line extending due west from the southern most end of Exxon Dock #1 (29°43.37' N., 95°01.27' W.)
Los Angeles/Long Beach: MMSI/To be determined *San Pedro Traffic*	156.700 MHz (Ch. 14)	Vessel Movement Reporting System Area: The navigable waters within a 25 nautical mile radius of Point Fermin Light (33°42.3' N., 118°17.6' W.)
Louisville: Not applicable *Louisville Traffic*	156.650 MHz (Ch. 13)	The waters of the Ohio River between McAlpine Locks (Mile 606) and Twelve Mile Island (Mile 593), only when the McAlpine upper pool gauge is at approximately 13.0 feet or above.

Lower Mississippi River[6] 0036699952 *New Orleans Traffic*	156.700 MHz (Ch. 14)	The navigable waters of the Lower Mississippi River below 30°38.7'N., 91°17.5'W. (Port Hudson Light at 255 miles Above Head of Passes (AHP)), the Southwest Pass, and, within a 12 nautical miles radius around 28°54.3'N., 89°25.7'W. (Southwest Pass Entrance Light at 19.9 miles Below Head of Passes).
New Orleans Traffic	156.600 MHz (Ch. 12)	*New Orleans Sector*. The navigable waters of the Lower Mississippi River bounded on the north by a line drawn perpendicularly at 29°56.4'N., 90°08.36'W. and on the south by a line drawn perpendicularly at 29°56.24'N., 89°59.86'W. (88 and 106 miles AHP).
New York 003669951 *New York Traffic*	156.550 MHz (Ch. 11) - For Sailing plans only 156.600 MHz (Ch. 12) - For vessels at anchor	The area consists of the navigable waters of the Lower New York Bay bounded on the east by a line drawn from Norton Point to Breezy Point; on the south by a line connecting the entrance buoys at the Ambrose Channel, Swash Channel, and Sandy Hook Channel to Sandy Hook Point; and on the southeast including the waters of Sandy Hook Bay south to a line drawn at 40° 25'N; then west in the Raritan Bay to the Raritan River Railroad Bridge, then north into waters of the Arthur Kill and Newark Bay to the Lehigh Valley Draw Bridge at 40° 41.9'N; and then east including the waters of the Kill Van Kull and the Upper New York Bay north to a line drawn east-west from the Holland Tunnel ventilator shaft at 40° 43.7'N, 74° 01.6'W, in the Hudson River; and then continuing east including the waters of the East River to the Throgs Neck Bridge, excluding the Harlem River.
New York Traffic	156.700 MHz (Ch. 14)	The navigable waters of the Lower New York Bay west of a line drawn from Norton Point to Breezy Point; and north of a line connecting the entrance buoys of Ambrose Channel, Swash Channel, and Sandy Hook Channel, to Sandy Hook Point; on the southeast including the waters of the Sandy Hook Bay south to a line drawn at latitude 40° 25'N; then west into the waters of Raritan Bay East Reach to a line drawn from Great Kills Light south through Raritan Bay East Reach LGB #14 to Comfort PT, NJ; then north including the waters of the Upper New York Bay south of 40° 42.40'N (Brooklyn Bridge) and 40° 43.70'N (Holland Tunnel Ventilator Shaft); west through the KVK into the Arthur Kill north of 40° 38.25'N (Arthur Kill Railroad Bridge); then north into the waters of the Newark Bay, south of 40° 41.95'N (Lehigh Valley Draw Bridge).
New York Traffic	156.600 MHz (Ch. 12)	The navigable waters of the Raritan Bay south to a line drawn at 40° 26'N; then west of a line drawn from Great Kills Light south through the Raritan Bay East Reach LGB #14 to Point Comfort, NJ; then west to the Raritan River Railroad Bridge; and north including the waters of the Arthur Kill to 40° 28.25'N. (Arthur Kill Railroad Bridge); including the waters of the East River north of 40° 42.40'N (Brooklyn Bridge) to the Throgs Neck Bridge, excluding the Harlem River.
Port Authur[6] 003669955 *Sabine Traffic*	(To be determined)	The navigable waters south of 30°10'N., east of 94°20'W., west of 93°22'W., and, north of 29°10'N.
Prince William Sound 003669958 *Valdez Traffic*	156.650 MHz (Ch. 13)	The navigable waters south of 61°05'N., east of 147°20'W., north of 60° N., and west of 146°30'W.; and, all navigable waters in Port Valdez.
Puget Sound[7] *Seattle Traffic 003669957*	156.700 MHz (Ch. 14)	The waters of Puget Sound, Hood Canal and adjacent waters south of a line connecting Marrowstone Point and Lagoon Point in Admiralty Inlet and south of a line drawn due east from the southernmost tip of Possession Point on Whidbey Island to the shoreline.

Seattle Traffic 003669957	156.250 MHz (Ch. 5A)	The waters of the Strait of Juan de Fuca east of 124°40'W. excluding the waters in the central portion of the Strait of Juan de Fuca north and east of Race Rocks; the navigable waters of the Strait of Georgia east of 122°52'W.; the San Juan Island Archipelago, Rosario Strait, Bellingham Bay; Admiralty Inlet north of a line connecting Marrowstone Point and Lagoon Point and all waters east of Whidbey Island North of a line drawn due east from the southernmost tip of Possession Point on Whidbey Island to the shoreline.
Tofino Traffic 003160012	156.725 MHz (Ch. 74)	The waters west of 124°40'W. within 50 nautical miles of the coast of Vancouver Island including the waters north of 48° N., and east of 127° W.
Victoria Traffic 003160010	156.550 MHz (Ch. 11)	The waters of the Strait of Georgia west of 122°52'W., the navigable waters of the central Strait of Juan de Fuca north and east of Race Rocks, including the Gulf Island Archipelago, Boundary Pass and Haro Strait.
San Francisco 003669956 *San Francisco Traffic*	156.700 MHz (Ch. 14)	The navigable waters of the San Francisco Offshore Precautionary Area, the navigable waters shoreward of the San Francisco Offshore Precautionary Area east of 122°42.0'W. and north of 37°40.0'N. extending eastward through the Golden Gate, and the navigable waters of San Francisco Bay and as far east as the port of Stockton on the San Joaquin River, as far north as the port of Sacramento on the Sacramento River.
San Francisco Traffic	156.600 MHz (Ch. 12)	The navigable waters within a 38 nautical mile radius of Mount Tamalpais (37°55.8'N., 122°34.6'W.) west of 122°42.0'W. and south of 37°40.0'N and excluding the San Francisco Offshore Precautionary Area.
St. Marys River 003669953 *Soo Traffic*	156.600 MHz (Ch. 12)	The waters of the St. Marys River between 45°57'N. (De Tour Reef Light) and 46°38.7'N. (lle Parisienne Light), except the St. Marys Falls Canal and those navigable waters east of a line from 46°04.16'N. and 46°01.57'N. (La Pointe to Sims Point in Potagannissing Bay and Worsley Bay).

Notes:

[1] Maritime Mobile Service Identifier (MMSI) is a unique nine-digit number assigned that identifies ship stations, ship earth stations, coast stations, coast earth stations, and group calls for use by a digital selective calling (DSC) radio, an INMARSAT ship earth station or AIS. AIS requirements are set forth in §§161.21 and 164.46 of this subchapter. The requirements set forth in §§161.21 and 164.46 of this subchapter apply in those areas denoted with a MMSI number.

[2] In the event of a communication failure, difficulties or other safety factors, the Center may direct or permit a user to monitor and report on any other designated monitoring frequency or the bridge-to-bridge navigational frequency, 156.650 MHz (Channel 13) or 156.375 MHz (Ch. 67), to the extent that doing so provides a level of safety beyond that provided by other means. The bridge-to-bridge navigational frequency, 156.650 MHz (Ch. 13), is used in certain monitoring areas where the level of reporting does not warrant a designated frequency.

[3] All geographic coordinates (latitude and longitude) are expressed in North American Datum of 1983 (NAD 83).

[4] Some monitoring areas extend beyond navigable waters. Although not required, users are strongly encouraged to maintain a listening watch on the designated monitoring frequency in these areas. Otherwise, they are required to maintain watch as stated in 47 CFR 80.148.

[5] In addition to the vessels denoted in Section 161.16 of this chapter, requirements set forth in subpart B of this chapter also apply to any vessel transiting VMRS Buzzards Bay when equipped with a bridge-to-bridge radiotelephone as defined in part 26 of this chapter.

[6] Until rules regarding VTS Lower Mississippi River and VTS Port Arthur are published, vessels are exempted of all VTS and VMRS requirements set forth in 33 CFR part 161, except those set forth in §§161.21 and 164.46 of this subchapter.

[7] A Cooperative Vessel Traffic Service was established by the United States and Canada within adjoining waters. The appropriate Center administers the rules issued by both nations; however, enforces only its own set of rules within its jurisdiction. Note, the bridge-to-bridge navigational frequency, 156.650 MHz (Ch. 13), is not so designated in Canadian waters, therefore users are encouraged and permitted to make passing arrangements on the designated monitoring frequencies.

Page 131—Paragraph 2208, lines 2 to 6; read:

Except as provided in paragraph (d)(1)(iii) and paragraph 5 of this section, each single hull tank barge, unless being towed by a primary towing vessel with twin-screw propulsion and with a separate system for power to each screw, must be accompanied by an escort tug of sufficient …

(FR 8/30/07) 47/07

Page 131—Paragraph 2215; read:

(G) Any other time a vessel may be operating in a Hazardous Vessel Operating Condition as defined in §161.2 of this Chapter.

(FR 8/30/07) 47/07

Page 132—Paragraph 2262; insert after:

(5) *Special Buzzards Bay Regulations*. (i) For the purposes of this section, "Buzzards Bay" is the body of water east and north of a line drawn from the southern tangent of Sakonnet Point, Rhode Island, in approximate position 41°27.2'N., 70°11.7'W., to the Buzzards Bay Entrance Light in approximate position 41°23.5'N., 71°02.0'W., and then to the southwestern tangent of Cuttyhunk Island, Massachusetts, at approximate position 41°24.6'N., 70°57.0'W., and including all of the Cape Cod Canal to its eastern entrance, except that the area of New Bedford harbor within the confines (north) of the hurricane barrier, and the passages through the Elizabeth Islands, is not considered to be "Buzzards Bay".

(ii) *Additional Positive Control for Barges*. Except as provided in paragraph (d)(1)(iii) of this section, each single hull tank barge transiting Buzzards Bay and carrying 5,000 or more barrels of oil or other hazardous material must, in addition to its primary tug, be accompanied by an escort tug of sufficient capability to promptly push or tow the tank barge away from danger of grounding or collision in the event of–

(A) A propulsion failure;

(B) A parted tow line;

(C) A loss of tow;

(D) A fire;

(E) Grounding;

(F) A loss of steering; or

(G) Any other time a vessel may be operating in a Hazardous Vessel Operating Condition as defined in §161.2 of this subchapter.

(iii) *Federal Pilotage*. Each single hull tank barge transiting Buzzards Bay and carrying 5,000 or more barrels of oil or other hazardous material must be under the direction and control of a pilot, who is not a member of the crew, operating under a valid, appropriately endorsed, Federal first class pilot's license issued by the Coast Guard ("federally licensed pilot"). Pilots are required to embark, direct, and control from the primary tug during transits of Buzzards Bay.

(iv) *Vessel Movement Reporting System*. In addition to the vessels denoted in §161.16 of this chapter, requirements set forth in subpart B of this part also apply to any vessel transiting VMRS Buzzards Bay when equipped with a bridge-to-bridge radiotelephone as defined in part 26 of this chapter.

(A) A VMRS Buzzards Bay user must:

(1) Not enter or get underway in the area without first notifying the VMRS Center;

(2) Not enter VMRS Buzzards Bay if a Hazardous Vessel Operating Condition or circumstance per §161.2 of this Subchapter exists;

(3) If towing astern, do so with as short a hawser as safety and good seamanship permits;

(4) Not meet, cross, or overtake any other VMRS user in the area without first notifying the VMRS center;

(5) Before meeting, crossing, or overtaking any other VMRS user in the area, communicate on the designated vessel bridge-to-bridge radiotelephone frequency, intended navigation movements, and any other information necessary in order to make safe passing arrangements. This requirement does not relieve a vessel of any duty prescribed by the International Regulations for Prevention of Collisions at Sea, 1972 (33 U.S.C. 1602(c)) or the Inland Navigation Rules (33 U.S.C. 2005).

(FR 8/30/07) 47/07

COAST PILOT 2 37 Ed 2008 Change No. 2

Page 78—Paragraph 1032; read:

§117.217 Norwalk River.

(a) The draw of the Washington Street S136 Bridge, mile 0.0, at Norwalk, shall operate as follows:

(1) The draw shall open on signal; except that, from 7 a.m. to 8:45 a.m., 11:45 a.m. to 1:15 p.m. and 4 p.m. to 6 p.m., Monday through Friday, except holidays, the draw

need not be opened for the passage of vessels that draw less than 14 feet of water.

(2) The draw need not open for the passage of vessel traffic, from 10 a.m. to 12 p.m., on the first Saturday in December, to facilitate the running of the annual Norwalk River Fun Run. Should inclement weather force the postponement of the race the above bridge closure shall be implemented the next day, the first Sunday after the first Saturday in December, from 10 a.m. to 12 p.m.

(3) The bridge opening signal is three short blasts. Vessels drawing 14 feet of water or more shall add one prolonged blast after the three short blasts.

(FR 9/6/07) 47/07

Page 87—Paragraph 1254; insert after:

(c) The draw of the Beach Channel railroad bridge shall open on signal; except that, the draw need not open for the passage of vessel traffic, 6:45 a.m. to 8:20 a.m. and 5 p.m. to 6:45 p.m., Monday through Friday, except Federal holidays.

(FR 9/5/07) 47/07

COAST PILOT 2 37 Ed 2008 Change No. 3

Page 264—Paragraph 39, lines 4 to 7; read:

Island Southeast Light. In May 2007, the controlling depths were 7.2 feet (13.2 feet at midchannel) in the entrance channel, thence 12.1 to 15 feet in the anchorage basin, with lesser depths along the edges. Depths of 11.3 to 15 feet were available ...

(CL 1249/07; BP 191717) 47/07

Page 287—Paragraph 6, line 11; read:

harbor of refuge.

No-Discharge Zone

The State of Connecticut, with the approval of the Environmental Protection Agency, has established a No-Discharge Zone (NDZ) in Eastern Long Island Sound. The area covered extends from the western border of Greenwich at Byram Point, southeastward following the boundary between Connecticut and New York to a point in Long Island Sound, thence easterly following the boundary between Connecticut and New York to a point due south of Hoadley Point at the eastern border of Branford, thence due north to Hoadley Point at the eastern border of Branford. This portion of Long Island Sound includes: Greenwich Harbor, Captain Harbor, Stamford Harbor, Norwalk Harbor, Bridgeport Harbor, Black Rock Harbor, Housatonic River, New Haven Harbor and Branford Harbor. (See charts 12363 and 12354 for limits).

Within the NDZ, discharge of sewage, whether treated or untreated, from all vessels is prohibited. Outside the NDZ, discharge of sewage is regulated by **40 CFR 140** (see chapter 2).

(CL 844/07; 38/07 CG1) 47/07

Page 319—Paragraph 5, line 13; read:

coasters.

No-Discharge Zone

The State of Connecticut, with the approval of the Environmental Protection Agency, has established a No-Discharge Zone (NDZ) in Western Long Island Sound. The area covered extends from the western border of Greenwich at Byram Point, southeastward following the boundary between Connecticut and New York to a point in Long Island Sound, thence easterly following the boundary between Connecticut and New York to a point south of Hoadley Point at the eastern border of Branford, thence due north to Hoadley Point at the eastern border of Branford. This portion of Long Island Sound includes: Greenwich Harbor, Captain Harbor, Stamford Harbor, Norwalk Harbor, Bridgeport Harbor, Black Rock Harbor, Housatonic River, New Haven Harbor and Branford Harbor. (See charts 12363 and 12354 for limits).

Within the NDZ, discharge of sewage, whether treated or untreated, from all vessels is prohibited. Outside the NDZ, discharge of sewage is regulated by **40 CFR 140** (see chapter 2).

(CL 844/07; 38/07 CG1) 47/07

Page 388—Paragraph 256, lines 6 to 10; read:

above the mouth. In July 2007, the midchannel controlling depth was 7.8 feet to the turn in the channel at 40°26'02"N., 74°04'47"W., thence 4.3 feet to the head of the project. The entrance channel is marked by lighted and unlighted buoys. A passenger ferry ...

(CL 1250/07; BPs 191718-20; LL/07) 47/07

Page 399—Paragraph 10, line 4; read:

bridge clearance of 134 feet at the Mid-Hudson Bridge ...

(CL 29/99) 47/07

COAST PILOT 2 37 Ed 2008 Change No. 4
LAST NM 47/07

Page 85—Paragraph 1221; read:

§117.787 [Suspended]

§117.788 Gowanus Canal.

(a) The draws of the Ninth Street Bridge, mile 1.4, the Third Street Bridge, mile 1.8, the Carroll Street Bridge, mile 2.0, and the Union Street Bridge, mile 2.1, at Brooklyn, shall open on signal if at least a two-hour advance notice is given

to the New York City Department of Transportation (NYCDOT), Radio Hotline, or the NYCDOT Bridge Operations Office.

(b) The draw of the Hamilton Avenue Bridge, mile 1.2, shall open on signal after at least a four-hour advance notice is given by calling (201) 400-5243. This paragraph is effective from November 7, 2007 to January 15, 2009.

(FR 10/20/07) 49/07

Page 256—Paragraph 261, line 6; read:

prominent marked by a light.

(41/07 CG1; LL/07) 49/07

COAST PILOT 2 37 Ed 2008 Change No. 5
LAST NM 49/07

Page 335—Paragraph 229, line 4; read:

to a granite dwelling.

(47/07 CG1; LL/07) 51/07

Page 337—Paragraph 259, lines 1 to 5; read:

In July 2007, the midchannel controlling depths were 4.8 feet from Eastchester Bay Channel Lighted Buoy 2 to the Hutchinson River Parkway Bridge, thence 2.5 feet at midchannel to the junction of the East Y and West Y at Pelham, thence 2.8 feet in the entrance to East Y with …

(BPs 191808-21; CL 1378/07) 51/07

Page 359—Paragraph 64, lines 9 to 11; read:

most part, depths ranging from 4 to 10 feet. In May – June 2007, the controlling depth was 3.8 feet (4.0 feet at midchannel) from the Robert Moses Bridge to just southward of West Fire Island, thence 7.7 feet to the entrance of Patchogue Bay Channel.

(CL 1195/07; BPs 191685-710) 51/07

Page 388—Paragraph 254, lines 3 to 4; read:

Bay to the entrance and basin of a State marina. In July 2007, the controlling depths were 0.8 foot (1.7 feet at …

(CL 1236/07; BP 191716) 51/07

COAST PILOT 3 40 Ed 2007 NEW EDITION

(NOS) 10/07

COAST PILOT 3 40 Ed 2007 Change No. 1
LAST NM 10/07

Page 292—Paragraph 74, lines 4 to 7; read:

the entrance. In August 2006, the controlling depth was 1.2 feet from the entrance to the turning basin, thence 9.2 feet in the basin. Depths of 10 feet are ...

(CL 1443/06; BP 190268) 13/07

Page 293—Paragraph 85, lines 4 to 5; read:

the upper part of the harbor. In August 2006, the controlling depth was 5.5 feet (6.5 feet at midchannel) in the ...

(CL 1445/06; BPs 190273-74) 13/07

COAST PILOT 3 40 Ed 2007 Change No. 2

Page 59—Paragraph 439 to Page 60—Paragraph 453; read:

§117.1 Purpose.

(a) This part prescribes the general and special drawbridge operating regulations that apply to the drawbridges across the navigable waters of the United States and its territories. The authority to regulate drawbridges across the navigable waters of the United States is vested in the Secretary of Homeland Security.

(b) Subpart A contains the general operation requirements that apply to all drawbridges.

(c) Subpart B contains specific requirements for operation of individual drawbridges. These requirements are in addition to or vary from the general requirements in Subpart A. Specific sections in subpart B that vary from a general requirement in Subpart A supersede the general requirement. All other general requirements in Subpart A, that are not at variance, apply to the drawbridges and removable span bridges listed in Subpart B.

§117.3 [Removed].

§117.4 Definitions.

The following definitions apply to this part:

Appurtenance means an attachment or accessory extending beyond the hull or superstructure that is not an integral part of the vessel and is not needed for a vessel's piloting, propelling, controlling, or collision avoidance capabilities.

Automated drawbridge means a drawbridge that is operated by an automated mechanism, not a drawtender. An automated drawbridge is normally kept in the open to navigation position and closes when the mechanism is activated.

Deviation means a District Commander's action authorizing a drawbridge owner to temporarily not comply with the drawbridge opening requirements in this part.

Drawbridge means a bridge with an operational span that is intended to be opened for the passage of waterway traffic.

Drawspan means the operational span of a drawbridge.

Lowerable means a non-structural vessel appurtenance that is or can be made flexible, hinged, collapsible, or telescopic so that it can be mechanically or manually lowered.

Nonstructural means that the item is not rigidly fixed to the vessel and can be relocated or altered.

Not essential to navigation means that a nonstructural vessel appurtenance, when in the lowered position, would not adversely affect the vessel's piloting, propulsion, control, or collision-avoidance capabilities.

Public vessel means a vessel that is owned and operated by the United States Government and is not engaged in commercial service, as defined in 46 U.S.C. 2101.

Remotely operated drawbridge means a drawbridge that is operated by remote control from a location away from the drawbridge.

Removable span bridge means a bridge that requires the complete removal of a span by means other than machinery installed on the bridge to open the bridge to navigation.

Untended means that there is no drawtender at the drawbridge.

§117.5 When the drawbridge must open.

Except as otherwise authorized or required by this part, drawbridges must open promptly and fully for the passage of vessels when a request or signal to open is given in accordance with this subpart.

§117.7 General requirements of drawbridge owners.

Except for drawbridges that have been authorized, before January 3, 2007, to remain closed to navigation or as otherwise specified in subpart B, drawbridge owners must:

(a) Provide the necessary drawtender(s) for the safe and prompt opening of the drawbridge.

(b) Maintain the working machinery of the drawbridge in good operating condition.

(c) Cycle the drawspan(s) periodically to ensure operation of the drawbridge.

(d) Ensure that the drawbridge operates in accordance with the requirements of this part.

(e) Any drawbridge allowed to remain closed to navigation prior to January 3, 2007, when necessary, must be returned to operable condition within the designated time set forth by the District Commander and will become subject to the requirements of this part.

§117.8 Permanent changes to drawbridge operation.

(a) Anyone may submit a written request to the District Commander for a permanent change to a drawbridge operating requirement. The request must include documentation supporting or justifying the requested change.

(b) If after evaluating the request, the District Commander determines that the requested change is not needed, he or she will respond to the request in writing and provide the reasons for denial of the requested change.

(c) If the District Commander decides that a change may be needed, he or she will begin a rulemaking to implement the change.

(FR 12/4/06) 13/07

Page 61—Paragraph 478, line 3 to Paragraph 479; read:

information provided by sound and visual signals.

(FR 12/4/06) 13/07

Page 62—Paragraph 493, line 7 to Paragraph 494; read:

Guard District in which the bridge is located.

§117.31 Drawbridge operations for emergency vehicles and emergency vessels.

(a) Upon receiving notification that an emergency vehicle is responding to an emergency situation, a drawtender must make all reasonable efforts to have the drawspan closed at the time the emergency vehicle arrives.

(FR 12/4/06) 13/07

Page 63—Paragraph 520, line 4 to Page 64—Paragraph 530; read:

1.07).

Subpart B–Specific Requirements

§117.51 General.

The drawbridges in this subpart are listed by the state in which they are located and by the waterway they cross. Waterways are arranged alphabetically by state. The drawbridges listed under a waterway are generally arranged in order from the mouth of the waterway moving upstream. The drawbridges on the Atlantic Intracoastal Waterway are listed from north to south and on the Gulf Intracoastal Waterway from east to west.

§117.53 [Removed].

§117.55 Posting of requirements.

(a) The owner of each drawbridge under this subpart, other than removable span bridges, must ensure that a sign summarizing the requirements in this subpart applicable to the drawbridge is posted both upstream and downstream of the drawbridge. The requirements to be posted need not include those in Subpart A or §§117.51 through 117.59 of this part.

(b) The signs shall be of sufficient size and so located as to be easily read at any time from an approaching vessel.

(c) If advance notice is required to open the draw, the signs shall also state the name, address, and telephone number of the person to be notified.

§117.57 [Removed].
(FR 12/4/06) 13/07

COAST PILOT 3 40 Ed 2007 Change No. 3
Page 62—Paragraph 501 to Page 63—Paragraph 515; read:

§117.35 Temporary change to a drawbridge operating schedule.

(a) For any temporary change to the operating schedule of a drawbridge, lasting less than or equal to 180 days, the District Commander may issue a deviation approval letter to the bridge owner and publish a "Notice of deviation from drawbridge regulation" in the **Federal Register**.

(b) If the time period for a temporary change to the operating schedule of a drawbridge will be greater then 180 days, the District Commander will follow appropriate rulemaking procedures and publish a temporary rule in the **Federal Register** prior to the start of the action.

(c) *Request for change*. (1) To temporarily change the drawbridge-operating requirements the bridge owner must submit a written request to the District Commander for approval of the change.

(2) The request must describe the reason for the closure and the dates and times scheduled for the start and end of the change.

(3) Requests should be submitted as early as possible, preferably 90 days before the start of the action. District Commanders have discretion to accept requests submitted less than 90 days before a needed change if those requests can be processed before the date of the needed change.

(d) *Determination*. The District Commander's determination to allow the schedule change is normally forwarded to the bridge owner within ten working days after receipt of the request. If the request is denied, the reasons for the denial will be set out in the District Commander's decision letter.

(e) The drawbridge must return to its regular operating schedule immediately at the end of the designated time period.

(f) If the authorized closure period for an event is broken into separate time periods on the same day or on consecutive days, the drawbridge must provide openings for navigation between the authorized closures.

(g) The District Commander will also announce the change to the operating schedule in the Local Notice to Mariners and other appropriate local media.

§117.36 Closure of drawbridge for emergency repair.

(a) When a drawbridge unexpectedly becomes inoperable, or should be immediately rendered inoperable because of mechanical failure or structural defect, the drawbridge owner must notify the District Commander of the closure without delay and give the reason for the emergency closure of the drawbridge and an estimated time when the drawbridge will be returned to operating condition.

(b) The District Commander will notify mariners about the drawbridge status through Broadcast Notices to Mariners, Local Notice to Mariners and any other appropriate local media.

(c) Repair work under this section must be performed with all due speed in order to return the drawbridge to operation as soon as possible.

§117.37 [Removed].

§117.39 Authorized closure of drawbridge due to infrequent requests for openings.

(a) When there have been no requests for drawbridge openings for at least two years, a bridge owner may request in writing that the District Commander authorize the drawbridge to remain closed to navigation and to be untended.

(b) The District Commander may:

(1) Authorize the closure of the drawbridge;

(2) Set out any conditions in addition to the requirement in paragraph (d): and

(3) Revoke an authorization and order the drawbridge returned to operation when necessary.

(c) All drawbridges authorized to remain closed to navigation, under this section, must be maintained in operable condition.

(d) Authorization under this section does not:

(1) Authorize physical changes to the drawbridge structure, or

(2) Authorize removal of the operating machinery.

(e) Drawbridges authorized under this section to remain closed to navigation and to be untended are identified in subpart B of this part.

§117.40 Advance notice for drawbridge opening.

(a) Upon written request by the owner of a drawbridge, the District Commander may authorize a drawbridge to operate under an advance notice for opening. The drawbridge tender, after receiving the advance notice, must open the drawbridge at the requested time and allow for a reasonable delay in arrival of the vessel giving the advance notice.

(b) If the request is approved, a description of the advanced notice for the drawbridge will be added to subpart B of this part.

§117.41 Maintaining drawbridges in the fully open position.

(a) Drawbridges permanently maintained in the fully open to navigation position may discontinue drawtender service as long as the drawbridge remains fully open to navigation. The drawbridge must remain in the fully open position until drawtender service is restored.

(b) If a drawbridge is normally maintained in the fully open to navigation position, but closes to navigation for the passage of pedestrian, vehicular, rail, or other traffic, the drawbridge must be tended unless:

(1) Special operating requirements are established in subpart B of this part for that drawbridge; or

(2) The drawbridge is remotely operated or automated.

§117.42 Remotely operated and automated drawbridges.

(a) Upon written request by the owner of a drawbridge, the District Commander may authorize a drawbridge to operate under an automated system or from a remote location.

(b) If the request is approved, a description of the full operation of the remotely operated or automated drawbridge will be added to subpart B of this part.

§117.43 [Removed].

§117.45 [Removed].
(FR 12/4/06) 13/07

COAST PILOT 3 40 Ed 2007 Change No. 4
Coast Pilot — INDEX UPDATE

U.S. Coast Pilot 3, Atlantic Coast: Sandy Hook, NJ to Cape Henry, VA 2007, 40th Edition, index has been renumbered. Please view the updated index on the internet at http://nauticalcharts.noaa.gov/nsd/CP3/CP3-40ed-Index_3.pdf
(NOS/07) 13/07

COAST PILOT 3 40 Ed 2007 Change No. 5
LAST NM 13/07

Page 65—Paragraphs 551 to 552; read:

§117.239 Lewes and Rehoboth Canal.

(a) The draw of the Savannah Road/SR 18 Bridge, at mile 1.7, in Lewes shall open on signal if at least four hours notice is given.

(b) The draw of the SR 14A Bridge, at mile 6.7, in Rehoboth shall open on signal if at least 24 hours notice is given.

§117.241 Mispillion River.

The draw of the S14 Bridge, at mile 11.0, at Milford shall open on signal if at least 24 hours notice is given.
(FR 2/7/07) 15/07

Page 294—Paragraph 94, lines 3 to 6; read:

channel marked by a light and daybeacons. In August 2006, the controlling depth was 4.3 feet in the right half of the channel with shoaling to 1.7 feet in the left half to Daybeacon 7, thence 5.5 feet (8.0 feet at ...
(BPs 190497-98; CL 140/07) 15/07

Page 329—Paragraph 118, line 8; read:

width of 28 feet and a clearance of 8 feet. (See **117.1** ...
(CL 1558/05) 15/07

Page 348—Paragraph 215, lines 3 to 5; read:

25 feet. The railroad ...
(CL 1569/06) 15/07

Page 361—Paragraph 68, line 3; read:

with dolphins; 40 feet alongside; deck height, 8 feet; two ...
(BP 189560) 15/07

Page 362—Paragraph 77, line 3; read:

with dolphins; 42 feet alongside; deck height,15 feet; ...
(BP 189560) 15/07

COAST PILOT 3 40 Ed 2007 Change No. 6
LAST NM 15/07

Page 74—Paragraph 752; read:

(3) From April 1 through October 31, the draw shall be left in the open position at all times and will only be lowered for the passage of trains and to perform periodic maintenance authorized in accordance with subpart A of this part.
(FR 12/27/06; DD 8510) 17/07

Page 74—Paragraph 762; read:

(13) From November 1 through March 31, the draw shall open on signal if at least 24 hours notice is given by telephone at (856) 231-7088 or (856) 662-8201. Operational information will be provided 24 hours a day by telephone at (856) 231-7088 or (856) 662-8201.
(FR 12/27/06; DD 8510) 17/07

Page 177—Paragraph 193, lines 2 to 3; read:

advanced 1 hour on the second Sunday of March and are set back to standard time on the first Sunday of November.
(CL 324/07) 17/07

Page 181—Paragraph 25, lines 3 to 5; read:

jetties. In November 2006, the controlling depth was 7.8 feet (8.4 feet at midchannel) in the jetty channel to the Ocean Avenue bridge; thence in May 2006, 6.9 feet to the State ...
(CL 01/07; BP 190346) 17/07

Page 187—Paragraph 79, lines 2 to 3; read:

miles west of Cape May Inlet. In October 2006, the controlling depth was 11.4 feet through Cape May Inlet to the ...
(BPs 190310-11) 17/07

Page 266—Paragraph 105, lines 3 to 4; read:

boats, pleasure craft and petroleum barges. In October 2006, the controlling depth was 11.6 feet (12 feet ...

(CL 145/07) 17/07

Page 297—Paragraph 146, lines 5 to 8; read:

July 2006, the controlling depth was 1.5 feet in the left half of the channel and shoaling to bare in the right half of the channel from the entrance to Daybeacon 10, thence 4.9 feet to Daybeacon 14. The oyster house landings on the west side ...

(BPs 190269-71; CL 1444/06) 17/07

Page 348—Paragraph 215, lines 9 to 11; read:

regulations.) The fixed bridge 0.4 mile above the railroad bridge has a clearance of 25 feet. The least clearance ...

(CL 1549/06) 17/07

COAST PILOT 3 40 Ed 2007 Change No. 7
LAST NM 17/07

Page 70—Paragraph 675 to Page 72—Paragraph 714; read:

§117.733 New Jersey Intracoastal Waterway.

(a) The draw of the Route 35 Bridge, mile 1.1 across Manasquan River at Brielle, shall open on signal except as follows:

(1) From May 15 through September 30:

(i) On Saturdays, Sundays and Federal holidays, from 8 a.m. to 10 p.m., the draw need only open 15 minutes before the hour and 15 minutes after the hour.

(ii) On Mondays to Thursdays from 4 p.m. to 7 p.m., and on Fridays, except Federal holidays from 12 p.m. to 7 p.m., the draw need only open 15 minutes before the hour and 15 minutes after the hour.

(2) Year-round from 11 p.m. to 8 a.m., the draw need only open if at least four hours notice is given.

(b) The draw of the County Route 528 Bridge, mile 6.3 across Barnegat Bay at Mantoloking, shall open on signal; except that from Memorial Day through Labor Day on Saturdays, Sundays and Federal holidays from 9 a.m. to 6 p.m., the draw need only open on the hour, twenty minutes after the hour, and forty minutes after the hour.

(c) The draw of the S37 Bridge across Barnegat Bay, mile 14.1 at Seaside Heights, shall open on signal except as follows:

(1) From December 1 through March 31 from 11 p.m. to 8 a.m., the draw need not be opened.

(2) From April 1 through November 30 from 11 p.m. to 8 a.m., the draw need only open if at least four hours notice is given.

(3) From Memorial Day through Labor Day from 8 a.m. to 8 p.m., the draw need only open on the hour and half hour.

(d) The draw of the AMTRAK New Jersey Transit Rail Operations (NJTRO) automated railroad swing bridge across Beach Thorofare, mile 68.9 at Atlantic City shall operate as follows:

(1) Open on signal from 11 p.m. to 6 a.m. From 6 a.m. to 11 p.m., the draw shall open on signal from 20 minutes to 30 minutes after each hour and remain open for all waiting vessels.

(2) Opening of the draw span may be delayed for ten minutes except as provided in §117.31(b). However, if a train is moving toward the bridge and has crossed the home signal for the bridge before the signal requesting opening of the bridge is given, that train may continue across the bridge and must clear the bridge interlocks before stopping.

(3) When the bridge is not tended locally and/or is operated from a remote location, sufficient closed circuit TV cameras shall be operated and maintained at the bridge site to enable the remotely located bridge/train controller to have full view of both river traffic and the bridge.

(4) Radiotelephone Channel 13 (156.65 MHz) VHF-FM, shall be maintained and utilized to facilitate communication in both remote and local control locations. The bridge shall also be equipped with directional microphones and horns to receive and deliver signals to vessels within a mile that are not equipped with radiotelephones.

(5) Whenever the remote control system equipment is partially disabled or fails for any reason, the bridge shall be physically tended and operated by local control. Personnel shall be dispatched to arrive at the bridge as soon as possible, but not more that one hour after malfunction or disability of the remote system. Mechanical bypass and override capability of the remote operation system shall be provided and maintained.

(6) When the draw is opening and closing, or is closed, yellow flashing lights located on the ends of the center piers shall be displayed continuously until the bridge is returned to the fully open position.

(e) The draw of the Route 30 Bridge across Beach Thorofare, mile 67.2 at Atlantic City, shall open on signal except that, year-round from 11 p.m. to 7 a.m. and, from November 1 through March 31 from 3 p.m. to 11 p.m., the draw need only open if at least four hours notice is given.

(f) The draw of the US40–322 (Albany Avenue) Bridge, mile 70.0 across Inside Thorofare, at Atlantic City, shall open on signal except that:

(1) Year-round, from 11 p.m. to 7 a.m.; and from November 1 through March 31 from 3 p.m. to 11 p.m., the

draw need only open if at least four hours notice is given;

(2) From June 1 through September 30:

(i) From 9 a.m. to 4 p.m. and from 6 p.m. to 9 p.m. the draw need only open on the hour and half hour; and

(ii) From 4 p.m. to 6 p.m. the draw need not open.

(g) The draw of the Dorset Avenue Bridge across Inside Thorofare, mile 72.1 at Ventnor City, shall open on signal except that from June 1 through September 30, from 9:15 a.m. to 9:15 p.m., the draw need only open at 15 and 45 minutes after the hour.

(h) The draw of the Route 52 (Ninth Street) Bridge, mile 80.4 across Beach Thorofare, at Ocean City, shall open on signal except that from Memorial Day through Labor Day from 8 a.m. to 8 p.m., the draw need only open on the hour and half hour.

(i) The draw of the Stone Harbor Boulevard Bridge, mile 102.0 across Great Channel, at Stone Harbor, shall open on signal except that:

(1) From October 1 through March 31 from 10 p.m. to 6 a.m. the draw need only open if at least eight hours notice is given.

(2) From Memorial Day through Labor Day from 6 a.m. to 6 p.m. on Saturdays, Sundays and Federal holidays, the draw need open only on the hour, 20 minutes after the hour, and 20 minutes before the hour.

(j) The draw of Two-Mile Bridge, mile 112.2, across Middle Thorofare in Wildwood Crest, shall open on signal; except from 9:15 a.m. to 10:30 a.m. on the fourth Sunday in March of every year, the draw need not open for vessels. If the fourth Sunday falls on a religious holiday, the draw need not open for vessels from 9:15 a.m. to 10:30 a.m. on the third Sunday of March of every year.

(k) The draw of the Route 35 Bridge, mile 1.1 across Manasquan River at Brielle, shall open on signal except as follows:

(1) From May 15 through September 30:

(i) On Saturdays, Sundays and Federal holidays, from 8 a.m. to 10 p.m., the draw need only open 15 minutes before the hour and 15 minutes after the hour.

(ii) On Mondays to Thursdays from 4 p.m. to 7 p.m. and on Fridays, except Federal holidays from 12 p.m. to 7 p.m., the draw need only open 15 minutes before the hour and 15 minutes after the hours.

(2) Year-round, unless otherwise provided by paragraph (l)(3) of this section, from 11 p.m. to 8 a.m., the draw need only open if at least four hours notice is given.

(3) From 8 a.m. on November 1, 2006 until 5 p.m. March 1, 2007; from 8 a.m. on November 1, 2007 until 5 p.m. March 1, 2008; and from 8 a.m. on November 1, 2008 until 5 p.m. March 1, 2009, the Route 35 Bridge, mile 1.1, at Brielle may remain in the closed position to navigation.

(l) The draw of Cape May Canal Railroad Bridge across Cape May Canal, mile 115.1, at Cape May shall operate as follows:

(1) The draw shall be maintained in the open position; the draw may close only for the crossing of trains and maintenance of the bridge. When the draw is closed for a train crossing a bridge tender shall be present to reopen the draw after the train has cleared the bridge. When the draw is closed for maintenance a bridge tender shall be present to open the draw upon signal.

(2) Train service generally operates as follows (please contact Cape May Seashore Lines for current train schedules):

(i) Winter (generally December through March): In general, there is no train service, therefore the bridge is unmanned and placed in the full open position.

(ii) Spring (generally April through May and Fall (generally September through November): Generally weekend service only: Friday through Sunday train service starts at 10 a.m. and ends at 7:30 p.m. Monday through Thursday the bridge generally unmanned and in the open position.

(iii) Summer Service (generally June through August): Daily train service starting at 10 a.m. and ending 7:30 p.m.

(3) When a vessel approaches the drawbridge with the draw in the open position, the vessel shall give the opening signal. If no acknowledgement is received within 30 seconds, the vessel may proceed, with caution, through the open draw. When the draw is open and will be closing promptly, the drawbridge will generally signal using sound signals or radio telephone.

(4) Opening of the draw span may be delayed for ten minutes after a signal to open except as provide in (117.31(b). However, if a train is moving toward the bridge and has crossed the home signal for the bridge before the signal requesting opening of the bridge is given, the train may continue across the bridge and must clear the bridge interlocks as soon as possible in order to prevent unnecessary delays in the opening of the draw.

(CL 406/07) 18/07

Page 263—Paragraph 57, lines 2 to 4; read:

Light, is subject to continual change. In December 2006, the reported controlling depth in the entrance channel was 8 feet with shoaling to 4 feet close north of Buoy 6. The inlet is marked by lights, lighted buoys and a buoy. The twin ...

(13/07 CG5; 31/06 CG5) 18/07

Page 288—Paragraph 25, lines 3 to 4; read:

as 80 feet off Yorktown. In April 2003, the controlling depth in the dredged sections of the river was 16.6 feet to West ...
(CL 366/04; BPs 182921-23) 18/07

Page 336—Paragraph 44, lines 9 to 11; read:

In December 2006, the controlling depth was 1.8 feet (2.6 feet at midchannel) to the turning basin, thence 4.3 feet in the basin.
(CL 310/07; BPs 190718-20) 18/07

COAST PILOT 3 40 Ed 2007 Change No. 8

Page 256—Paragraph 123, lines 4 to 5; read:

Inlet. A dredged channel with a controlling depth of 1.5 feet in July 2006, extends about 0.8 mile up **Parkers Creek** ...
(CL 331/07; BPs 190690-95) 18/07

Page 296—Paragraph 126, lines 3 to 6; read:

marked by a light, buoys, and daybeacons, leads from Rappahannock River to natural depths of 7 to 5 feet inside the creek. In September 2006, the controlling depth was 3.6 feet. There are several boatyards and marinas, and a ...
(CL 326/07; BPs 190681-82; LL/06) 18/07

Page 300—Paragraph 193, line 3; read:

channel, marked by daybeacons, in September 2006, had a controlling ...
(CL 322/07; BPs 190671-72) 18/07

Page 335—Paragraph 30, lines 8 to 13; read:

August-September 2006, the controlling depths were 5.4 feet to Daybeacon 3, thence 7.8 feet (8.4 feet at midchannel) to the anchorage basin, thence 7.9 feet for about 0.25 mile above the anchorage basin in North Branch, thence 3.2 feet (4.2 feet at midchannel) in Central Branch to the first bridge, thence 3.9 to 6.0 feet in the anchorage basin.
(CL 325/07; BPs 190673-80) 18/07

COAST PILOT 3 40 Ed 2007 Change No. 9
LAST NM 18/07

Page 206—Paragraph 13, line 3 to Paragraph 14, line 3; read:

exceed 600 feet in length (LOA) or to exceed 34 feet in draft. Vessels over 30 feet in draft should anchor between Pier 78 and the Walt Whitman Bridge.

2. Vessels using anchorage #9 off of Mantua Creek, NJ are recommended not to exceed 700 feet in length (LOA) or to exceed 37 feet in draft. Vessels are requested to anchor in sections A or C, whenever there is sufficient room. Anchorage areas within sections B and D are used for maneuvering when docking and undocking vessels at adjacent piers. Vessels are requested to only anchor in sections B and D when there is insufficient space in sections A and C. It is also recommended ...
(CL 438/07) 19/07

Page 206—Paragraph 16, line 3; read:

maximum draft of 40 feet. Vessels under 700 feet are requested to anchor in section A whenever there is sufficient room. Section B is needed for vessels over 700 feet in length. It is also recommended that ...
(CL 438/07) 19/07

Page 207—Paragraph 32, line 4; read:

anchoring and leaving all anchorages.

It is important to stand by on VHF-FM channels 14 and 16 at all times. And AIS should always be on if the vessel is equipped with it.

Delaware Bay and River Checkpoints

1. Inbound and outbound at Cape Henlopen
2. Entering or exiting the C&D Canal at Reedy Point
3. Inbound or outbound at Marcus Hook
4. First line or last line at any berth
5. Anchor up or anchor down at any anchorage

For checkpoints 2 through 5, all vessels need to call the Maritime Exchange on VHF-FM channel 14.
(CL 438/07) 19/07

Page 219—Paragraph 194, lines 10 to 11; read:

highway bridge has a clearance of 10 feet. In 2005-January 2007, the controlling depths were 10.4 feet (11.6 feet at ...
(BP 190710) 19/07

COAST PILOT 3 40 Ed 2007 Change No. 10

Page 85—Paragraphs 1065 to 1066; read:

(c) Any person directly affected by the establishment of a safety zone or by an order or direction issued by, or on behalf of, a District Commander, or who receives an unfavorable ruling on an appeal taken under paragraph (b) of this section may appeal to the Area Commander through the District Commander. The appeal must be in writing, except as allowed under paragraph (e) of this section, and shall contain complete supporting documentation and evidence which the appellant wishes to have considered. Upon receipt of the appeal, the Area Commander may direct a representative to gather and submit documentation or other evidence which would be necessary or helpful to a resolution of the appeal. A copy of this documentation and evidence is made available to the appellant. The appellant is afforded five working days from the date of receipt to submit rebuttal materials. Following submission of all materials, the Area Commander issues a ruling, in writing, on the appeal. Prior to issuing the ruling,

the Area Commander may, as a matter of discretion, allow oral presentation on the issues.

(d) Any person who receives an unfavorable ruling on an appeal taken under paragraph (c) of this section, may appeal through the Area Commander to the Assistant Commandant for Prevention (formerly known as the Assistant Commandant for Marine Safety, Security and Environmental Protection), U.S. Coast Guard, Washington, DC 20593. The appeal must be in writing, except as allowed under paragraph (e) of this section. The Area Commander forwards the appeal, all the documents and evidence which formed the record upon which the order or direction was issued or the ruling under paragraph (c) of this section was made, and any comments which might be relevant, to the Assistant Commandant for Prevention. A copy of this documentation and evidence is made available to the appellant. The appellant is afforded five working days from the date of receipt to submit rebuttal materials to the Assistant Commandant for Prevention. The decision of the Assistant Commandant for Prevention is based upon the materials submitted, without oral argument or presentation. The decision of the Assistant Commandant for Prevention is issued in writing and constitutes final agency action.

(FR 4/9/07) 19/07

Page 323—Paragraph 69, lines 4 to 6; read:

just below the fixed highway bridge at **Deale**. In September 2006, the controlling depths were 4.2 feet (5.9 feet at mid-channel) for about 1 mile, thence 5.7 feet (6.3 feet ...

(DDs 8906-08) 19/07

Page 373—Paragraph 224, line 5; read:

An overhead power cable with a reported clearance of 40 feet ...

(CL 374/07) 19/07

COAST PILOT 3 40 Ed 2007 Change No. 11
LAST NM 19/07

Page 15—Paragraph 177, line 12; read:

80 or NGA Pub. 117. (**See Appendix A for a list of** ...

(47 CFR 80) 22/07

Page 251—Paragraph 50, lines 2 to 5; read:

Fenwick Island, is 3 miles long. The bay, marked by private daybeacons, has depths of 2 to 4 feet, but in some areas shoals to bare.

(16/07 CG5; 15/07 CG5; LL/06) 22/07

COAST PILOT 3 40 Ed 2007 Change No. 12
LAST NM 22/07

Page 20—Paragraph 338 to Page 21—Paragraph 359; read:

Emergency Position Indicating Radiobeacons (EPIRBs), are designed to save your life if you get into trouble by alerting rescue authorities and indicating your location. EPIRB types are described in the accompanying table.

EPIRB Types		
Type	Frequency	Description
Cat I	406/121.5 MHz	Float-free, automatically activated EPIRB. Detectable by satellite anywhere in the world. Recognized by the Global Maritime and Distress Safety System (GMDSS).
Cat II	406/121.5 MHz	Similar to Category I, except is manually activated. (Some models are also water activated).

406 MHz EPIRBs (Category I, II): The 406 MHz EPIRB was designed to operate with satellites. The signal frequency (406 MHz) has been designated internationally to be used only for distress. Other communications and interference are not allowed on this frequency. Its signal allows a satellite local user terminal to accurately locate the EPIRB and identify the vessel (the signal is encoded with the vessel's identity) anywhere in the world (there is no range limitation). These devices are detectable not only by COSPAS-SARSAT satellites which are polar orbiting, but also by geostationary GOES weather satellites. EPIRBs detected by the GEOSAR system, consisting of GOES and other geostationary satellites, send rescue authorities an instant alert, but without location information unless the EPIRB is equipped with an integral GPS receiver. EPIRBs detected by COSPAS-SARSAT (e.g. TIROS N) satellites provide rescue authorities location of distress, but location and sometimes alerting may be delayed as much as an hour or two. These EPIRBs also include a 121.5 MHz homing signal, allowing aircraft and rescue craft to quickly find the vessel in distress. These are the only type of EPIRB which must be certified by Coast Guard approved independent laboratories before they can be sold in the United States.

A new type of 406 MHz EPIRB, having an integral GPS navigation receiver, became available in 1998. This EPIRB will send accurate location as well as identification information to rescue authorities immediately upon activation through both geostationary (GEOSAR) and polar orbiting satellites. These types of EPIRB are the best you can buy.

406 MHz emergency locating transmitters (ELTs) for aircraft are currently available and 406 MHz personnel locating

beacons (PLBs) are also available.

The Coast Guard recommends you purchase a 406 MHz EPIRB, preferably one with an integral GPS navigation receiver. A Cat I EPIRB should be purchased if it can be installed properly.

Proper registration of your 406 MHz EPIRB is intended to save your life, and is mandated by Federal Communications Commission regulations; the Coast Guard is enforcing this FCC registration rule.

If you purchase a new or a used 406 MHz EPIRB, you MUST register it with NOAA. If you change your boat, your address, or your primary phone number, you MUST re-register your EPIRB with NOAA. If you sell your EPIRB, make sure the purchaser re-registers the EPIRB, or you may be called by the Coast Guard if it later becomes activated. An FCC ship station license is no longer required to purchase or carry an EPIRB. Download or request 406 MHz EPIRB registration forms from www.sarsat.noaa.gov/beacon.html, and mail or fax completed forms to:

SARSAT Beacon Registration
E/SP3, Room 3320, FB-4
NOAA
5200 Auth Road
Suitland, MD 20746-4304

or call toll free at **1-888-212-SAVE** (1-888-212-7283) for further information or a copy of the registration form. From outside the U.S., call: 1-301-457-5430 or fax: 301-568-8649 for further information. Forms may be requested by phone or fax, or downloaded by computer (above). There is no charge for this service. IT MAY SAVE YOUR LIFE.

(47 CFR 80; 16/07 CG9; 14/07 CG9; DD 9023) 23/07

COAST PILOT 3 40 Ed 2007 Change No. 13

Page 176—Paragraph 183, line 6; read:

availability of tugs.)

Dead Ship Tows

The Captain of the Port (COTP) Delaware Bay has determined that a dead ship is a hazardous condition and that special attention needs to be paid to the movement of these vessels. Responsible parties, their surveyors and towing companies maintain ultimate responsibility for conducting a safe tow. The authority to control, approve, and monitor dead ship tows is derived from Title 33, Code of Federal Regulations (CFR), Part 160.111 (c) and Part 160.215. (See Chapter 2 of this Coast Pilot.)

Requirements to ensure a safe dead ship tow within or transiting through Sector Delaware Bay Regulated Navigation Area, Title 33 CFR, Part 165.510 (see Chapter 2 of this Coast Pilot):

1. Towing companies (excluding commercial salvage companies) contracted to conduct a dead-ship tow of any commercial, Department of Defense (DOD), ex-commercial or ex-DOD vessel (regardless of length) must submit a proposal to the Coast Guard Sector Delaware Bay Waterways Management Branch. For vessels being towed within the port, the proposal must be submitted at least **48 hours** before the start of the towing operation. If the vessel is to be towed out of port, the proposal must be submitted at least **5 days** in advance. Proposals may be submitted via fax at (215) 271-4903 during business hours, or (215) 271- 4833 after business hours. A follow-up telephone call to (215) 271-4889 during business hours or (215) 271-4807 after business hours is required to ensure the proposal was received. When received, the Sector will evaluate the proposal and send a return letter by fax. If a tow of more than one dead-ship is planned, a more detailed tow plan must be submitted to the Sector for approval.

2. Depending on the particulars of the vessel being towed (age, extended lay up status, vessel condition, etc.), the COTP Delaware Bay may require that additional safety precautions be established before the tow is authorized. This may include requirements such as obtaining a marine surveyor's report attesting to the vessel's seaworthiness for the desired tow or allowing a representative from Sector Delaware Bay to examine the vessel to verify seaworthiness, pollution potential, and the adequacy of the towing arrangement. Nothing in this policy relieves the vessel owner or agent from any of the requirements regarding vessel safety and the protection of the environment specified in the applicable sections of 46 CFR "Shipping", and 33 CFR "Navigation and Navigable Waters." (See Chapter 2 of this Coast Pilot.)

3. Once the tow begins, the licensed person-in-charge is responsible for the safe execution of the dead-ship tow. This includes ensuring adequate under keel clearance over the route and adequate vertical clearance when passing under overhead obstructions. Additionally, the monitoring of the tow's stability and structural adequacy throughout the tow is the responsibility of the person-in-charge.

4. Approval for a dead-ship tow will be voided if any changes are made to the information submitted with the original request.

5. Sector Delaware Bay will issue a Notice to Mariners that will be broadcast on VHF-FM Channel 16 while the dead-ship tow is being conducted in the COTP Delaware Bay zone to advise other vessels to use caution when in the vicinity of the tow.

(CL 548/07) 23/07

COAST PILOT 3 40 Ed 2007 Change No. 14
LAST NM 23/07

Page 216—Paragraph 156, lines 7 to 9; read:

private lighted buoy is off the entrance. Strong currents may be encountered ...
(NOS 12316) 38/07

Page 227—Paragraph 305, line 2; read:

of Engineers wharves, which have depths of 10 to 40 ...
(CL 467/07) 38/07

Page 232—Paragraph 357, line 4; read:

feet of berthing space; 32 to 40 feet alongside; deck ...
(CL 467/07) 38/07

Page 234—Paragraph 396, line 1; read:

County Route 543 highway bridge, 1.3 miles above ...
(CL 466/07) 38/07

Page 234—Paragraph 396, line 7; read:

feet. The County Route 635 bridge at Centerton, 6 miles ...
(CL 466/07) 38/07

Page 352—Paragraph 280, lines 1 to 4; read:

Corsica River is at Mile 11.9E. In 1990-2004, the controlling depth to the public wharf at **Centerville Landing**, 5 miles above the mouth, was 4 feet at midchannel and 3.5 feet in the turning basin.
(BP 190857; CL 520/07) 38/07

COAST PILOT 3 40 Ed 2007 Change No. 15
LAST NM 38/07

Page 295—Paragraph 123, line 4; read:

76°14'09"W.), 31 feet above the water, is shown from a ...
(21/07 CG5; LL/06) 34/07

Page 322—Paragraph 43, line 2; read:

1990, the reported controlling depth was 7 feet ...
(CL 1042/90) 34/07

Page 322—Paragraph 45; strike out.
(44/05 CG5) 34/07

Page 322—Paragraph 50, lines 3 to 4; read:

Cat Creek at Mile 12.6 W. In 1997, the channel had a reported depth of 5 feet. Gasoline, diesel fuel, ...
(CL 1383/99; CL 485/00) 34/07

Page 383—Paragraph 309; strike out.
(44/05 CG5) 34/07

COAST PILOT 3 40 Ed 2007 Change No. 16
LAST NM 38/07

Page 278—Paragraph 23, lines 4 to 5; read:

channel into **Bennett Creek**. In December 2006, the controlling depth was 5.7 feet in the entrance channel to the ...
(CL 630/07) 34/07

Page 280—Paragraph 50, line 1; read:

Deep Water Shoals Light (37°08'56"N., 76°38'12"W.), ...
(24/07 CG5; LL/06) 34/07

Page 348—Paragraph 225, lines 4 to 10; read:

west-southwestward from the Claiborne waterfront. The former ferry landing is south of the pier. The channel to Claiborne, marked by a light and private buoys, had a reported controlling depth of 2.3 feet in the channel and basin in September 2006.
(DB 14729) 34/07

Page 351—Paragraph 267, line 5; read:

channel in the vicinity of North Approach Light 3. Very ...
(23/07 CG5; LL/06) 34/07

COAST PILOT 3 40 Ed 2007 Change No. 17
LAST NM 38/07

Page 263—Paragraph 57, lines 2 to 4; read:

Light, is subject to continual change. In December 2006, the controlling depth in the entrance channel was 3.3 feet (7.4 feet at midchannel). The inlet is marked by lights, lighted buoys and a buoy. The twin ...
(BPs 190996-99; CL 625/07;
31/06 CG5; NOS 12254) 34/07

Page 263—Paragraph 58, lines 8 to 13; read:

east end, in Broad Bay. In December 2006, the controlling depth was 8.1 feet in the left half and 3.9 feet in the right half of the northerly channel, with 3.1 to 7.1 feet in the large basin, thence 4.8 feet in the southerly channel to Daybeacon 10, where the north and south channels meet; thence in July-December 2006, a controlling depth of 8.2 feet was in the channel eastward ...
(BPs 190999-191000; CL 625/07) 34/07

Page 265—Paragraph 89, line 1; read:

Thimble Shoal Light (37º00'52"N., 76º14'23"W.), ...
(25/07 CG5; LL/06) 34/07

Page 293—Paragraph 88, line 6; read:

(37º23'26"N., 76º11'22"W.), 52 feet above the water, is ...
(25/07 CG5; LL/06) 34/07

COAST PILOT 3 40 Ed 2007 Change No. 18
LAST NM 38/07

Page 92—Paragraph 1189, lines 4 to 5; read:

shall immediately notify the nearest Coast Guard Sector Office or Group Office. (Compliance with ...
(FR 7/2/07; DD 9393) 34/07

Page 123—Paragraph 1841, line 3; read:

designated by the Commander, Coast Guard Sector ...
(FR 7/2/07; DD 9393) 34/07

Page 123—Paragraph 1842, line 3; read:

Coast Guard Sector Hampton Roads, the ...
(FR 7/2/07; DD 9393) 34/07

Page 127—Paragraph 1959 to Paragraph 1960, line 2; read:

(b) *Definitions*. As used in this section:

COTP means the Captain of the Port, Delaware Bay and any Coast Guard commissioned, warrant or ...
(FR 7/2/07; DD 9393) 34/07

Page 128—Paragraph 1994, lines 2 to 3; read:

passenger vessels in the Captain of the Port, Delaware Bay zone as defined in 33 CFR 3.25-05.
(FR 7/2/07; DD 9393) 34/07

Page 128—Paragraph 1996, line 7; read:

Delaware Bay zone.
(FR 7/2/07; DD 9393) 34/07

Page 128—Paragraph 1998, lines 3 to 4; read:

any directions given by the Captain of the Port, Delaware Bay or designated representative and leave the ...
(FR 7/2/07; DD 9393) 34/07

Page 128—Paragraph 1999, line 6; read:

permission by the Captain of the Port, Delaware Bay or ...
(FR 7/2/07; DD 9393) 34/07

Page 128—Paragraph 2005, lines 2 to 3; read:

Officer of the Coast Guard Sector Delaware Bay or any Coast Guard commissioned, warrant, ...
(FR 7/2/07; DD 9393) 34/07

Page 129—Paragraph 2037, lines 3 to 4; read:

the Coast Guard sector Delaware Bay or any Coast Guard commissioned, warrant, or ...
(FR 7/2/07; DD 9393) 34/07

Page 130—Paragraph 2049, lines 3 to 4; read:

the Coast Guard Sector Delaware Bay, or any Coast Guard commissioned, warrant, or ...
(FR 7/2/07; DD 9393) 34/07

COAST PILOT 3 40 Ed 2007 Change No. 19

Page 181—Paragraph 25, lines 3 to 10; read:

jetties. In March 2007, the controlling depth was 4.6 feet (10.7 feet at midchannel) in the jetty channel to the Ocean Avenue Bridge, thence 6.6 feet (8.0 feet at midchannel) to the State Route 35 highway bridge, thence 7.1 feet to Belmar Municipal Boat Basin. An anchorage is just east of State Route 71 highway bridge; 3.9 to 8.7 feet was available in March 2007. The State of New Jersey maintains ...
(CL 688/07; BPs 191081-84) 38/07

Page 219—Paragraph 194, lines 10 to 11; read:

highway bridge has a clearance of 10 feet. In March-April 2007, the controlling depths were 14.8 feet (15.3 feet at midchannel) to Light 10; thence in 2005, 16 feet through the ...
(BPs 190878-81) 38/07

Page 234—Paragraph 391, line 3; read:

bascule span with a clearance of 50 feet. (See **117.1** ...
(CL 780/07) 38/07

Page 235—Paragraph 403, lines 4 to 5; read:

has a vertical-lift span with clearances of 61 feet down and 133 feet up. (See **117.1 through 117.59 and** ...
(CL 781/07) 38/07

Page 244—Paragraph 89, lines 3 to 4; read:

2000, the channel had a reported controlling depth of 4 feet. Berths, gasoline, and marine supplies ...
(CL 1621/00) 38/07

Page 335—Paragraph 27, lines 4 to 7; read:

leads across the bar to the mouth of the creek. In May 2007, the reported controlling depth was 5.0 feet to Daybeacon 5, thence 2.5 feet in the creek ...
(31/07 CG5) 38/07

Page 345—Paragraph 180, lines 3 to 8; read:

Choptank River to Chesapeake Bay. In June 2007, the controlling depth was 4.8 feet (6.9 feet at midchannel) from the Choptank River to the highway bridge, thence 7.0 feet to the Chesapeake Bay. **Note** that ...
(DDs 9369-71) 38/07

Page 351—Paragraph 267, lines 3 to 5; read:

Bay; the chart is the guide. In May 2007, the controlling depth was 7 feet. Very ...
(DDs 9367-68) 38/07

COAST PILOT 3 40 Ed 2007 Change No. 20
LAST NM 38/07

Page 184—Paragraph 49, line 10; read:

shifted in position. In August 2007, an unmarked partially submerged wreck was reported at about 39°29'09.6"N., 74° 17'31.2"W.; caution is advised.
(34/07 CG5) 37/07

Page 224—Paragraph 265, line 3; read:

71 feet long, 1,000 feet of berthing space; 35 feet alongside ...
(CL 942/07) 37/07

Page 224—Paragraph 267, line 2; read:

Wharf, Nos. 1 and 1C (39°48'35"N., 75°24'47"W.): ...
(CL 942/07) 37/07

Page 227—Paragraph 304, line 4; read:

space; 40 feet alongside; deck height, 15 feet; ...
(CL 942/07) 37/07

Page 293—Paragraph 87, lines 5 to 8; read:

above the entrance. In February 2007, the controlling depth in the channel to the turning basin has shoaled to 0.7 foot, with 2.5 to 5.9 feet in the turning basin. Commerce in the ...
(CL 814/07; BPs 191182-84) 37/07

Page 298—Paragraph 158, lines 4 to 8; read:

bridge about 0.6 mile above the mouth. In March 2007, the controlling depth was 4.3 feet (5.2 feet at midchannel) to the mouth of the creek, thence 6.6 feet to the turning basin, thence 4.5 to 6.7 feet in the turning basin, thence 8.4 feet to the head of the project just below ...
(CL 813/07; BPs 191178-81) 37/07

Page 345—Paragraph 179, lines 5 to 7; read:

anchorage basin at Tilghman. In May-June 2007, the controlling depth in the channel was 1.9 feet (6 feet at midchannel) with 5.9 feet in the basin. The mean range ...
(DD 9373) 37/07

COAST PILOT 3 40 Ed 2007 Change No. 21
LAST NM 38/07

Page 68—Paragraph 637; read:

§117.579 Wicomico River (North Prong).

The draws of the Main Street and U.S. 50 bridges, mile 22.4, Salisbury, Maryland shall open on signal if at least four hours notice is given by calling the telephone contact number at (410) 430-7461.
(DD 9585; FR 08/02/07) 39/07

Page 182—Paragraph 34, lines 3 to 4; read:

Manasquan River. In May 2007, the controlling depth was 9.1 feet (11.2 feet at midchannel) in the inlet though the ...
(BP 191353) 39/07

Page 187—Paragraph 79, lines 2 to 5; read:

miles west of Cape May Inlet. In June 2007, the controlling depth was 11.4 feet through Cape May Inlet to the inner end of the jetties, thence 7.0 feet (13.0 feet at midchannel) to the Coast Guard large ...
(BPs 191342-43; BP 191352) 39/07

Page 271—Paragraph 184, lines 4 to 6; read:

head. In April 2007, a controlling depth of 3.1 feet was in the channel to just below the head of the basin under construction.
(CL 926/07; BPs 191319-20) 39/07

Page 340—Paragraph 97, lines 5 to 6; read:

fishing village of **Wenona**. In 2005, the controlling depth was 3.5 feet. Gasoline, diesel fuel and some supplies ...
(DDs 9355-56) 39/07

Page 341—Paragraph 123, line 2; read:

Sharptown; local knowledge is advised. In 1999-April 2006, the ...
(DDs 9381-85) 39/07

COAST PILOT 3 40 Ed 2007 Change No. 22
LAST NM 39/07

Page 32—Paragraph 472; insert after:

Homeland Security Advisory System

The Homeland Security Advisory System is a comprehensive and effective means to disseminate information regarding the risk of terrorist acts to Federal, State, and local authorities and to the American people. The system is designed to guide our protective measures when specific information to a particular sector or geographic region is received. It combines threat information with vulnerability assessments and provides communications to public safety officials and the public. This communication is achieved through threat advisories, information bulletins, and a color-coded threat level system (shown below).

U.S. Coast Guard Maritime Security (MARSEC) Levels

The U.S. Coast Guard has a three-tiered system of Maritime Security (MARSEC) Levels consistent with the Department of Homeland Security's Homeland Security Advisory System (HSAS). MARSEC levels are designed to provide a means to easily communicate pre-planned scalable responses to increased threat levels. The Commandant of the U.S. Coast Guard sets MARSEC levels commensurate with the HSAS. Because of the unique nature of the maritime industry, the HSAS threat conditions and MARSEC levels will align closely, though they will not directly correlate.

MARSEC Level 1 – the level for which minimum appropriate security measures shall be maintained at all times. MARSEC 1 generally applies when HSAS Threat Condition Green, Blue, or Yellow are set.

MARSEC Level 2 – the level for which appropriate additional protective security measures shall be maintained for a period of time as a result of heightened risk of a transportation security incident. MARSEC 2 generally corresponds to HSAS Threat Condition Orange.

MARSEC Level 3 – the level for which further specific protective security measures shall be maintained for a limited period of time when a transportation security incident is probable, imminent, or has occurred, although it may not be possible to identify the specific target. MARSEC 3 generally corresponds to HSAS Threat Condition Red.

(DD 9607; DD 9608) 41/07

Page 95 to Page 97; replace table with below:

TABLE 161.12(c)-VTS and VMRS Centers, Call Signs/MMSI, Designated Frequencies, and Monitoring Areas		
Center MMSI[1] Call Sign	**Designated frequency (Channel designation)-purpose[2]**	**Monitoring Area [3, 4]**
Berwick Bay 003669950 *Berwick Traffic*	156.550 MHz (Ch. 11)	The waters south of 29°45' N., west of 91°10' W., north of 29°37' N., and east of 91°18' W.
Buzzards Bay *Buzzards Bay Control[5]*	156.600 MHz (Ch. 12)	The waters east and north of a line drawn from the southern tangent of Sakonnet Point, Rhode Island, in approximate position 41°27.2'N, 70°11.7'W to Buzzards Bay Entrance Light in approximate position 41°23.5'N, 71°02.0'W, and then to the southwestern tangent of Cuttyhunk Island, Massachusetts, at approximate position 41°24.6'N, 70°57.0'W, and including all of the Cape Cod Canal to its eastern entrance, except that the area of New Bedford harbor within the confines (north of) the hurricane barrier, and the passages through the Elizabeth Islands, is not considered to be "Buzzards Bay".
Houston-Galveston 003669954		The navigable waters north of 29° N., west of 94°20' W., south of 29°49' N., and east of 95°20' W.
Houston Traffic	156.550 MHz (Ch. 11) 156.250 MHz (Ch. 5A) - for sailing plans only	The navigable waters north of a line extending due west from the southern most end of Exxon Dock #1 (20°43.37' N., 95°01.27' W.)
Houston Traffic	156.600 MHz (Ch. 12) 156.250 MHz (Ch. 5A) - for sailing plans only	The navigable waters south of a line extending due west from the southern most end of Exxon Dock #1 (29°43.37' N., 95°01.27' W.)
Los Angeles/Long Beach: MMSI/To be determined *San Pedro Traffic*	156.700 MHz (Ch. 14)	Vessel Movement Reporting System Area: The navigable waters within a 25 nautical mile radius of Point Fermin Light (33°42.3' N., 118°17.6' W.)
Louisville: Not applicable *Louisville Traffic*	156.650 MHz (Ch. 13)	The waters of the Ohio River between McAlpine Locks (Mile 606) and Twelve Mile Island (Mile 593), only when the McAlpine upper pool gauge is at approximately 13.0 feet or above.
Lower Mississippi River[6] 0036699952 *New Orleans Traffic*	156.700 MHz (Ch. 14)	The navigable waters of the Lower Mississippi River below 30°38.7'N., 91°17.5'W. (Port Hudson Light at 255 miles Above Head of Passes (AHP)), the Southwest Pass, and, within a 12 nautical miles radius around 28°54.3'N., 89°25.7'W. (Southwest Pass Entrance Light at 19.9 miles Below Head of Passes).

New Orleans Traffic	156.600 MHz (Ch. 12)	New Orleans Sector. The navigable waters of the Lower Mississippi River bounded on the north by a line drawn perpendicularly at 29°56.4'N., 90°08.36'W. and on the south by a line drawn perpendicularly at 29°56.24'N., 89°59.86'W. (88 and 106 miles AHP).
New York 003669951 *New York Traffic*	156.550 MHz (Ch. 11) - For Sailing plans only 156.600 MHz (Ch. 12) - For vessels at anchor	The area consists of the navigable waters of the Lower New York Bay bounded on the east by a line drawn from Norton Point to Breezy Point; on the south by a line connecting the entrance buoys at the Ambrose Channel, Swash Channel, and Sandy Hook Channel to Sandy Hook Point; and on the southeast including the waters of Sandy Hook Bay south to a line drawn at 40° 25'N; then west in the Raritan Bay to the Raritan River Railroad Bridge, then north into waters of the Arthur Kill and Newark Bay to the Lehigh Valley Draw Bridge at 40° 41.9'N; and then east including the waters of the Kill Van Kull and the Upper New York Bay north to a line drawn east-west from the Holland Tunnel ventilator shaft at 40° 43.7'N, 74° 01.6'W, in the Hudson River; and then continuing east including the waters of the East River to the Throgs Neck Bridge, excluding the Harlem River.
New York Traffic	156.700 MHz (Ch. 14)	The navigable waters of the Lower New York Bay west of a line drawn from Norton Point to Breezy Point; and north of a line connecting the entrance buoys of Ambrose Channel, Swash Channel, and Sandy Hook Channel, to Sandy Hook Point; on the southeast including the waters of the Sandy Hook Bay south to a line drawn at latitude 40° 25'N; then west into the waters of Raritan Bay East Reach to a line drawn from Great Kills Light south through Raritan Bay East Reach LGB #14 to Comfort PT, NJ; then north including the waters of the Upper New York Bay south of 40° 42.40'N (Brooklyn Bridge) and 40° 43.70'N (Holland Tunnel Ventilator Shaft); west through the KVK into the Arthur Kill north of 40° 38.25'N (Arthur Kill Railroad Bridge); then north into the waters of the Newark Bay, south of 40° 41.95'N (Lehigh Valley Draw Bridge).
New York Traffic	156.600 MHz (Ch. 12)	The navigable waters of the Raritan Bay south to a line drawn at 40° 26'N; then west of a line drawn from Great Kills Light south through the Raritan Bay East Reach LGB #14 to Point Comfort, NJ; then west to the Raritan River Railroad Bridge; and north including the waters of the Arthur Kill to 40° 28.25'N. (Arthur Kill Railroad Bridge); including the waters of the East River north of 40° 42.40'N (Brooklyn Bridge) to the Throgs Neck Bridge, excluding the Harlem River.
Port Authur[6] 003669955 *Sabine Traffic*	(to be determined)	The navigable waters south of 30°10'N., east of 94°20'W., west of 93°22'W., and, north of 29°10'N.

Prince William Sound 003669958 *Valdez Traffic*	156.650 MHz (Ch. 13)	The navigable waters south of 61°05'N., east of 147°20'W., north of 60° N., and west of 146°30'W.; and, all navigable waters in Port Valdez.
Puget Sound[7] *Seattle Traffic 003669957*	156.700 MHz (Ch. 14)	The waters of Puget Sound, Hood Canal and adjacent waters south of a line connecting Marrowstone Point and Lagoon Point in Admiralty Inlet and south of a line drawn due east from the southernmost tip of Possession Point on Whidbey Island to the shoreline.
Seattle Traffic 003669957	156.250 MHz (Ch. 5A)	The waters of the Strait of Juan de Fuca east of 124°40'W. excluding the waters in the central portion of the Strait of Juan de Fuca north and east of Race Rocks; the navigable waters of the Strait of Georgia east of 122°52'W.; the San Juan Island Archipelago, Rosario Strait, Bellingham Bay; Admiralty Inlet north of a line connecting Marrowstone Point and Lagoon Point and all waters east of Whidbey Island North of a line drawn due east from the southernmost tip of Possession Point on Whidbey Island to the shoreline.
Tofino Traffic 003160012	156.725 MHz (Ch. 74)	The waters west of 124°40'W. within 50 nautical miles of the coast of Vancouver Island including the waters north of 48° N., and east of 127° W.
Victoria Traffic 003160010	156.550 MHz (Ch. 11)	The waters of the Strait of Georgia west of 122°52'W., the navigable waters of the central Strait of Juan de Fuca north and east of Race Rocks, including the Gulf Island Archipelago, Boundary Pass and Haro Strait.
San Francisco 003669956 San Francisco Traffic	156.700 MHz (Ch. 14)	The navigable waters of the San Francisco Offshore Precautionary Area, the navigable waters shoreward of the San Francisco Offshore Precautionary Area east of 122°42.0'W. and north of 37°40.0'N. extending eastward through the Golden Gate, and the navigable waters of San Francisco Bay and as far east as the port of Stockton on the San Joaquin River, as far north as the port of Sacramento on the Sacramento River.
San Francisco Traffic	156.600 MHz (Ch. 12)	The navigable waters within a 38 nautical mile radius of Mount Tamalpais (37°55.8'N., 122°34.6'W.) west of 122°42.0'W. and south of 37°40.0'N and excluding the San Francisco Offshore Precautionary Area.
St. Marys River 003669953 Soo Traffic	156.600 MHz (Ch. 12)	The waters of the St. Marys River between 45°57'N. (De Tour Reef Light) and 46°38.7'N. (lle Parisienne Light), except the St. Marys Falls Canal and those navigable waters east of a line from 46°04.16'N. and 46°01.57'N. (La Pointe to Sims Point in Potagannissing Bay and Worsley Bay).

Notes:

[1] Maritime Mobile Service Identifier (MMSI) is a unique nine-digit number assigned that identifies ship stations, ship earth stations, coast stations, coast earth stations, and group calls for use by a digital selective calling (DSC) radio, an INMARSAT ship earth station or AIS. AIS requirements are set forth in §§161.21 and 164.46 of this subchapter. The requirements set forth in §§161.21 and 164.46 of this subchapter apply in those areas denoted with a MMSI number.

[2] In the event of a communication failure, difficulties or other safety factors, the Center may direct or permit a user to monitor and report on any other designated monitoring frequency or the bridge-to-bridge navigational frequency, 156.650 MHz (Channel 13) or 156.375 MHz (Ch. 67), to the extent that doing so provides a level of safety beyond that provided by other means. The bridge-to-bridge navigational frequency, 156.650 MHz (Ch. 13), is used in certain monitoring areas where the level of reporting does not warrant a designated frequency.

[3] All geographic coordinates (latitude and longitude) are expressed in North American Datum of 1983 (NAD 83).

[4] Some monitoring areas extend beyond navigable waters. Although not required, users are strongly encouraged to maintain a listening watch on the designated monitoring frequency in these areas. Otherwise, they are required to maintain watch as stated in 47 CFR 80.148.

[5] In addition to the vessels denoted in Section 161.16 of this chapter, requirements set forth in subpart B of this chapter also apply to any vessel transiting VMRS Buzzards Bay when equipped with a bridge-to-bridge radiotelephone as defined in part 26 of this chapter.

[6] Until rules regarding VTS Lower Mississippi River and VTS Port Arthur are published, vessels are exempted of all VTS and VMRS requirements set forth in 33 CFR part 161, except those set forth in §§161.21 and 164.46 of this subchapter.

[7] A Cooperative Vessel Traffic Service was established by the United States and Canada within adjoining waters. The appropriate Center administers the rules issued by both nations; however, enforces only its own set of rules within its jurisdiction. Note, the bridge-to-bridge navigational frequency, 156.650 MHz (Ch. 13), is not so designated in Canadian waters, therefore users are encouraged and permitted to make passing arrangements on the designated monitoring frequencies.

(FR 8/30/07) 43/07

Page 121—Paragraph 1760, lines 2 to 6; read:

Except as provided in paragraph (d)(1)(iii) and paragraph 5 of this section, each single hull tank barge, unless being towed by a primary towing vessel with twin-screw propulsion and with a separate system for power to each screw, must be accompanied by an escort tug of sufficient …

(FR 8/30/07) 43/07

Page 121—Paragraph 1767; read:

(G) Any other time a vessel may be operating in a Hazardous Vessel Operating Condition as defined in §161.2 of this Chapter.

(FR 8/30/07) 43/07

Page 122—Paragraph 1814; insert after:

(5) *Special Buzzards Bay Regulations.* (i) For the purposes of this section, "Buzzards Bay" is the body of water east and north of a line drawn from the southern tangent of Sakonnet Point, Rhode Island, in approximate position 41°27.2'N., 70°11.7'W., to the Buzzards Bay Entrance Light in approximate position 41°23.5'N., 71°02.0'W., and then to the southwestern tangent of Cuttyhunk Island, Massachusetts, at approximate position 41°24.6'N., 70°57.0'W., and including all of the Cape Cod Canal to its eastern entrance, except that the area of New Bedford harbor within the confines (north) of the hurricane barrier, and the passages through the Elizabeth Islands, is not considered to be "Buzzards Bay".

(ii) *Additional Positive Control for Barges.* Except as provided in paragraph (d)(1)(iii) of this section, each single hull tank barge transiting Buzzards Bay and carrying 5,000 or more barrels of oil or other hazardous material must, in addition to its primary tug, be accompanied by an escort tug of sufficient capability to promptly push or tow the tank barge away from danger of grounding or collision in the event of–

(A) A propulsion failure;

(B) A parted tow line;

(C) A loss of tow;

(D) A fire;

(E) Grounding;

(F) A loss of steering; or

(G) Any other time a vessel may be operating in a Hazardous Vessel Operating Condition as defined in §161.2 of this subchapter.

(iii) *Federal Pilotage.* Each single hull tank barge transiting Buzzards Bay and carrying 5,000 or more barrels of oil or other hazardous material must be under the direction and control of a pilot, who is not a member of the crew, operating under a valid, appropriately endorsed, Federal first class pilot's license issued by the Coast Guard ("federally licensed pilot"). Pilots are required to embark, direct, and control from the primary tug during transits of Buzzards Bay.

(iv) *Vessel Movement Reporting System.* In addition to the vessels denoted in §161.16 of this chapter, requirements set forth in subpart B of this part also apply to any vessel transiting VMRS Buzzards Bay when equipped with a bridge-to-bridge radiotelephone as defined in part 26 of this chapter.

(A) A VMRS Buzzards Bay user must:

(1) Not enter or get underway in the area without first notifying the VMRS Center;

(2) Not enter VMRS Buzzards Bay if a Hazardous Vessel Operating Condition or circumstance per §161.2 of this Subchapter exists:

(3) If towing astern, do so with as short a hawser as safety and good seamanship permits;

(4) Not meet, cross, or overtake any other VMRS user in the area without first notifying the VMRS center;

(5) Before meeting, crossing, or overtaking any other VMRS user in the area, communicate on the designated vessel bridge-to-bridge radiotelephone frequency, intended navigation movements, and any other information necessary in order to make safe passing arrangements. This requirement does not relieve a vessel of any duty prescribed by the International Regulations for Prevention of Collisions at Sea, 1972 (33 U.S.C. 1602(c)) or the Inland Navigation Rules (33 U.S.C. 2005).

(FR 8/30/07) 43/07

COAST PILOT 3 40 Ed 2007 Change No. 24
LAST NM 43/07

Page 66—Paragraph 587; read:

(c) This section is also issued under the authority of Pub. L. 102–587, 106 Stat. 5039.

(FR 9/5/07) 45/07

Page 263—Paragraph 57, lines 2 to 4; read:

Light, is subject to continual change. In April 2007, the controlling depth in the entrance channel was 7.6 feet (9.2 feet at midchannel). The inlet is marked by lights, lighted buoys, and a buoy. The twin ...

(CL 996/07; BPs 191338-41) 45/07

COAST PILOT 3 40 Ed 2007 Change No. 25
LAST NM 45/07

Page 183—Paragraph 41, lines 5 to 6; read:

charted. In May 2007, the controlling depth was 4.6 feet (5.4 feet at midchannel) in the entrance channel ...

(BP 191333) 51/07

Page 195—Paragraph 69, lines 3 to 5; read:

to Highway 9 bridge.

(NOS 12324) 51/07

Page 214—Paragraph 132, lines 1 to 2; read:

In June 2007, the controlling depth was 4.5 feet in the entrance channel to the jetties, thence 3.1 feet for about ...

(BPs 191554-57) 51/07

Page 215—Paragraph 138, line 3; read:

craft. In June 2007, the controlling depth was 3.1 feet ...

(BP 191621) 51/07

Page 271—Paragraph 181, lines 12 to 14; read:

two forks. In April 2007, the controlling depth was 8 feet in the dredged section, thence 6 feet to the forks; thence in 2003, 2 to 3 feet up each ...

(CL 1003/07; BPs 191365-68) 51/07

Page 271—Paragraph 183, lines 2 to 4; read:

Lafayette River about 3 miles above the mouth. In April 2007, the controlling depth was 5.3 feet to near the head of the project. Some supplies ...

(CL 979/07) 51/07

Page 272—Paragraph 190, lines 5 to 8; read:

Elizabeth River for 4.5 miles upstream. In June 2007, the controlling depth was 17.1 feet (17.9 feet at midchannel) in the dredged channel to the first bridge, thence 16.3 feet (17.9 feet at midchannel) to the head of ...

(BPs 191680-82; CL 1192/07) 51/07

Page 290—Paragraph 53, line 3; read:

have depths of about 36 to 39 feet at their outer ends. In October 2007, an obstruction was reported at about 37º15'20"N., 76º31'47"W. with a least depth of 31 feet. A ...
(CL 1223/07; DD 9744) 51/07

Page 294—Paragraph 98, line 6; read:

depth of 1.3 feet in the left half and 8.1 feet in the right half of the channel, in May 2007, leads ...
(CL 927/07; BPs 191321-22) 51/07

Page 297—Paragraph 146, line 9; read:

have reported depths of 5 feet alongside. Gasoline, diesel fuel, ice, ...
(DB 10522) 51/07

Page 299—Paragraph 172, lines 1 to 3; read:

Dymer Creek, on the west side of Fleets Bay about 2 miles northward of Antipoison Creek, had a reported depth of 4.2 feet in 2005 for 2 ...
(DB 10880) 51/07

Page 305—Paragraph 35, lines 9 to 10; read:

stakes. A warning daybeacon at about 37º59'07"N., 76º27'58"W., marked a shoal area reported in 1984 that reduced the channel ...
(LL/07; 14/04 CG5; NOS 12233) 51/07

Page 326—Paragraph 93, lines 8 to 10; read:

fixed span with a clearance of 25 feet.
(DB 5209) 51/07

Page 337—Paragraph 58, lines 3 to 8; read:

well-marked dredged channels. In June 2007, the controlling depth was 4.9 feet from the Chesapeake Bay to the anchorage basin, thence 6.3 feet from Tangier Sound to the anchorage basin, thence 4.1 to 7 feet in the basin.
(CL 1150/07; BPs 191634-38) 51/07

COAST PILOT 3 40 Ed 2007 Change No. 26

Page 293—Paragraph 91, line 6; read:

Capes. **Stingray Point Light** (37º33'41"N., 76º16'22"W.), ...
(46/07 CG5; LL/07) 51/07

Page 295—Paragraph 123, line 4; read:

76º14'09"W.), 34 feet above the water, is shown from a ...
(45/07 CG5; LL/07) 51/07

Page 299—Paragraph 173, lines 1 to 5; read:

In 2003, **Indian Creek**, at the northwest corner of Fleets Bay about 3 miles northward of Antipison Creek, had reported depths of 12.4 feet in the approach and 9.2 feet for about 2 miles above the entrance, and then shoals to 5 feet 0.8 mile farther up.
(DB 2244) 51/07

Page 299—Paragraph 174, line 7 to Paragraph 175, line 5; read:

the wharf has gasoline, diesel fuel, pumpout, electricity, water, ice, and nautical supplies. In 2005, an alongside depth of 10 feet was reported. General motor repairs can be made. Depths of ...
(DB 10520) 51/07

Page 321—Paragraph 37, lines 9 to 10; read:

northern entrance point. In 2004-2005, depths of 2 to 12 feet were reported in the creek. Submerged wrecks are ...
(DB 7747; NOS 12284) 51/07

Page 369—Paragraph 157, lines 5 to 6; read:

has depths of about 6 feet. In September 2007, shoaling to 3.3 feet was reported in the entrance. A marina with ...
(DB 16492) 51/07

COAST PILOT 3 40 Ed 2007 Change No. 27

Page 266—Paragraph 105, line 6; read:

the project. In November 2007, a rocky bottom with a depth of 6 feet was reported just SSE of Newport News Point at 36º57'30"N., 76º24'37"W.; caution is advised. Fuel, supplies, and slips are available, and ...
(CL 1336/07; 47/07 CG5) 51/07

COAST PILOT 3 40 Ed 2007 Change No. 28
LAST NM 51/07

Page 147—Paragraphs 2484 to 2494; read:

§ 334.190 Chesapeake Bay, in vicinity of Bloodsworth Island, MD, U.S. Navy.

(a) *The areas*—(1) *Prohibited area*. All waters within a circle 0.5 miles in radius with its center at 38º10'00"N., 76º06'00"W.; Bloodsworth Island, Pone Island, Northeast Island, and Adams Island.

(2) *The danger zone*. All waters of Chesapeake Bay and Tangier Sound within an area bounded as follows: Beginning at

38º08'15"N., 76º10'00"W.; thence to
38º12'00"N., 76º10'00"W.; thence to
38º12'00"N., 76º07'00"W.; thence to
38º13'00"N., 76º06'00"W.; thence to
38º13'00"N., 76º04'00"W.; thence to
38º12'00"N., 76º02'00"W.; thence to
38º12'00"N., 76º00'00"W.; thence to
38º08'15"N., 76º00'00"W.; thence to the point of beginning, excluding the prohibited area described in paragraph (a)(1) of this section.

(b) *The regulations*. (1) No person, vessel or other craft shall approach closer than 75 yards to the beaches, shoreline, or piers of Bloodsworth Island, Pone Island, Northeast Island, Adams Island, or any Patuxent River Naval Air Station property at any time unless authorized to do so by the enforcing agency. No person, vessel or other craft shall approach rafts, barges, or platforms closer than 100 yards.

(2) No person, vessel, or other craft shall enter or remain in the danger zone when notified by the enforcing authority to keep clear. Any watercraft under way or at anchor, upon being so warned, shall immediately vacate the area and shall remain outside the area until conclusion of potentially hazardous test or training events.

(3) The area will be in use intermittently throughout the year.

(4) Prior to the commencement of any potentially hazardous test or training event that requires clearing of non-participant boats from the danger zone, surface or air search of the entire area will be made for the purpose of locating and warning all craft and persons not connected with the test or training event, and a patrol will be maintained throughout the duration of the event.

(5) All persons, vessels, or other craft shall clear the area when warned by patrol vessels.

(6) Patrol vessels will provide warning that a potentially hazardous test or training event is in progress or is about to commence; when so warned, fishing or oystering vessels or other craft not directly connected with the event shall not navigate within the danger zone. Deep-draft vessels proceeding in established navigation channels normally will be permitted to traverse the area upon coordination with range patrol vessels. The patrol vessels will ensure safe separation between all non-participant vessels and potentially hazardous operations.

(7) When potentially hazardous testing or training is not in progress or is not about to commence, oystering and fishing boats and other craft may operate within the danger zone.

(8) All potentially hazardous test or training events will be performed in such a way as to contain the hazard footprint to the established danger zone described in paragraph (a) of this section. Naval authorities will not be responsible for damage to nets, traps, buoys, pots, fish pounds, stakes, or other equipment that may be located within the danger zone.

(9) Nothing in this regulation shall be intended to prevent the lawful use of approved waterfowl hunting blinds along the shorelines of Bloodsworth Island range complex, provided that all necessary licenses and permits have been obtained from the Maryland Department of Natural Resources and the completed copy of the permit has been submitted to the Conservation Division Director at NAS Patuxent River. Waterfowl hunters must observe all warnings and range clearances, as noted herein.

(10) The regulations in this section shall be enforced by the Commander, Naval Air Station Patuxent River, Maryland, and such agencies as he/she may designate.

(FR 11/23/07) 1/08

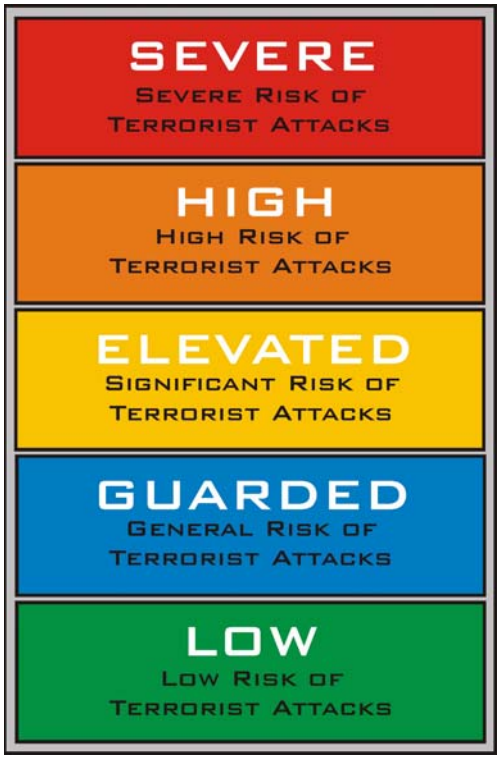
COAST PILOT 4 **39 Ed 2007** **NEW EDITION**
(NOS) 40/07

COAST PILOT 4 **39 Ed 2007** **Change No. 1**
LAST NM 40/07

Page 32—Paragraph 466; insert after:

Homeland Security Advisory System

The Homeland Security Advisory System is a comprehensive and effective means to disseminate information regarding the risk of terrorist acts to Federal, State, and local authorities and to the American people. The system is designed to guide our protective measures when specific information to a particular sector or geographic region is received. It combines threat information with vulnerability assessments and provides communications to public safety officials and the public. This communication is achieved through threat advisories, information bulletins, and a color-coded threat level system (shown below).



U.S. Coast Guard Maritime Security (MARSEC) Levels

The U.S. Coast Guard has a three-tiered system of Maritime Security (MARSEC) Levels consistent with the Department of Homeland Security's Homeland Security Advisory System (HSAS). MARSEC levels are designed to provide a means to easily communicate pre-planned scalable responses to increased threat levels. The Commandant of the U.S. Coast Guard sets MARSEC levels commensurate with the HSAS. Because of the unique nature of the maritime industry, the HSAS threat conditions and MARSEC levels will align closely, though they will not directly correlate.

MARSEC Level 1 – the level for which minimum appropriate security measures shall be maintained at all times. MARSEC 1 generally applies when HSAS Threat Condition Green, Blue, or Yellow are set.

MARSEC Level 2 – the level for which appropriate additional protective security measures shall be maintained for a period of time as a result of heightened risk of a transportation security incident. MARSEC 2 generally corresponds to HSAS Threat Condition Orange.

MARSEC Level 3 – the level for which further specific protective security measures shall be maintained for a limited period of time when a transportation security incident is probable, imminent, or has occurred, although it may not be possible to identify the specific target. MARSEC 3 generally corresponds to HSAS Threat Condition Red.

(DD 9607; DD 9608) 41/07

COAST PILOT 4 39 Ed 2007 Change No. 2

Page 155—Paragraph 2488 to Page 156—Paragraph 2527; read:

§165.756 Regulated Navigation Area; Savannah River, Georgia.

(a) *Regulated Navigation Area (RNA).* The Savannah River between Fort Jackson (32°04.93' N, 081°02.19' W) and the Savannah River Channel Entrance Sea Buoy is a regulated navigation area when an LNG tankship in excess of heel is transiting the area or moored at the LNG facility. All coordinates are North American Datum 1983.

(b) *Definitions.* The following definitions apply to this section:

Bare steerage way means the minimum speed necessary for a ship to maintain control over its heading.

Bollard pull means an industry standard used for rating tug capabilities and is the pulling force imparted by the tug to the towline. It means the power that an escort tug can apply to its working line(s) when operating in a direct mode.

Direct mode means a towing technique defined as a method of operation by which a towing vessel generates towline forces by thrust alone at an angle equal to or nearly equal to the towline, or thrust forces applied directly to the escorted vessel's hull.

Fire Wire means a length of wire rope or chain hung from the bow and stern of a vessel in port to allow the vessel to be towed away from the pier in case of fire; also called fire warp or emergency towing wire.

Heel means the minimum quantity of liquefied natural gas (LNG) retained in an LNG tankship after unloading at the LNG facility to maintain temperature, pressure, and/or prudent operations. A quantity of LNG less than five percent (5%) of the LNG tankship's carrying capacity shall be presumed to be heel.

Indirect mode means a towing technique defined as a method of operation by which an escorting towing vessel generates towline forces by a combination of thrust and hydrodynamic forces resulting from a presentation of the underwater body of the towing vessel at an oblique angle to the towline. This method increases the resultant bollard pull, thereby arresting and controlling the motion of an escorted vessel.

LNG tankship means a vessel as described in 46 CFR 154.

Made-up means physically attached by cable, towline, or other secure means in such a way as to be immediately ready to exert force on a vessel being escorted.

Make-up means the act of, or preparations for becoming made-up.

Operator means the person who owns, operates, or is responsible for the operation of a facility or vessel.

Savannah River Channel Entrance Sea Buoy means the aid to navigation labeled R W "T" Mo (A) WHIS on the National Oceanic and Atmospheric Administration's (NOAA) Nautical Chart 11512.

Standby means readily available at the facility and equipped to provide a ready means of assistance to maintain a safe zone around LNG tankships, provide emergency firefighting assistance, and aid the LNG tankship in the event of an emergency departure.

Underway means that a vessel is not at anchor, not made fast to the shore, or not aground.

(c) *Applicability.* This section applies to all vessels operating within the RNA, including naval and other public vessels, except vessels that are engaged in the following operations:

(1) Law enforcement, security, or search and rescue;

(2) Servicing aids to navigation;

(3) Surveying, maintenance, or improvement of waters in the RNA; or

(4) Actively engaged in escort, maneuvering, or support duties for an LNG tankship.

(d) *Regulations*—(1) *Requirements for vessel operations while a LNG tankship, carrying LNG in excess of heel, is underway within the RNA.*

(i) Except for a vessel that is moored at a marina, wharf, or pier, and remains moored, no vessel 1,600 gross tons or greater may come within two nautical miles of a LNG tankship, carrying LNG in excess of heel, which is underway within the Savannah River shipping channel without the permission of the Captain of the Port (COTP).

(ii) All vessels less than 1,600 gross tons shall keep clear of transiting LNG tankships.

(iii) The owner, master, or operator of a vessel carrying liquefied natural gas (LNG) shall:

(A) Comply with the notice requirements of 33 CFR part 160. The COTP may delay the vessel's entry into the RNA to accommodate other commercial traffic.

(B) Obtain permission from the COTP before commencing the transit into the RNA.

(C) Not enter or get underway within the RNA if visibility during the transit is not sufficient to safely navigate the channel, and/or wind speed is, or is expected to be, greater than 25 knots.

(D) While transiting the RNA, the LNG tankship, carrying LNG in excess of heel, shall have a minimum of two escort towing vessels with a minimum of 100,000 pounds of bollard pull, 4,000 horsepower and capable of safely operating in the indirect mode. At least one of the towing vessels shall be FiFi Class 1 equipped.

(2) *Requirements while an LNG tankship is moored outside of the LNG facility slip.*

(i) An LNG tankship moored outside of the LNG facility slip shall have on-scene a minimum of two escort towing vessels each with a minimum of 100,000 pounds of bollard pull, 4,000 horsepower and capable of safely operating in the indirect mode in order to escort transiting vessels 1,600 gross tons or greater past the moored LNG tankship. At least one of these towing vessels shall be FiFi Class 1 equipped.

(ii) In addition to the two towing vessels required by paragraph (d)(2)(i) of this section, the LNG tankship moored outside of the slip shall have at least one standby towing vessel with a minimum of 90,000 pounds of bollard pull to take appropriate actions in an emergency as directed by the LNG vessel bridge watch required in paragraph (d)(5) of this section.

(3) *Requirements while LNG tankships are moored inside the LNG facility slip.*

(i) An LNG tankship moored inside the LNG facility slip shall have two standby towing vessels with a minimum capacity of 100,000 pounds of bollard pull, 4,000 horsepower, and the ability to operate safely in the indirect mode. At least one of these towing vessels shall be FiFi Class 1 equipped. The standby towing vessels shall take appropriate action in an emergency as directed by the LNG vessel bridge watch required in paragraph (d)(5) of this section.

(ii) If two LNG tankships are moored inside the LNG facility slip, each vessel shall provide a standby towing vessel that is FiFi class 1 equipped with a minimum capacity of 100,000 pounds of bollard pull and 4,000 horsepower that is available to assist as directed by the LNG vessel bridge watch required in paragraph (d)(5) of this section.

(4) *Requirements while LNG tankships are moored both inside the LNG facility slip and outside the LNG facility slip.*

(i) When one LNG tankship is moored inside and one LNG tankship is moored outside of the LNG facility slip, the LNG tankship moored outside of the LNG facility slip shall have on-scene a minimum of two escort towing vessels each with a minimum of 100,000 pounds of bollard pull, 4,000 horsepower and capable of safely operating in the indirect mode in order to escort transiting vessels 1,600 gross tons or greater past the moored LNG tankship. At least one of these towing vessels shall be FiFi Class 1 equipped. In addition, the LNG tankship moored inside of the slip shall have at least one standby towing vessel with a minimum of 100,000 pounds of bollard pull, 4,000 horsepower and FiFi Class 1 equipped to take appropriate actions in an emergency as directed by the LNG vessel bridge watch required in paragraph (d)(5) of this section.

(ii) When one LNG tankship is moored outside and two LNG tankships are moored inside the LNG facility slip, the LNG tankship moored outside of the LNG facility slip shall have on-scene a minimum of two escort towing vessels each with a minimum of 100,000 pounds of bollard pull, 4,000 horsepower and capable of safely operating in the indirect mode in order to escort transiting vessels 1,600 gross tons or greater past the moored LNG tankship. At least one of these towing vessels shall be FiFi Class 1 equipped. In addition, the LNG tankships moored inside of the slip shall have at least one standby towing vessel between the two ships with a minimum of 100,000 pounds of bollard pull, 4,000 horsepower and FiFi Class 1 equipped to take appropriate actions in an emergency as directed by the LNG vessel bridge watch required in paragraph (d)(5) of this section.

(iii) In the event of an actual emergency, escort towing vessels can be utilized as stand-by towing vessels to take appropriate actions as directed by the LNG vessel bridge watch required in paragraph (d)(5) of this section.

(5) *Requirements for moored LNG tankships.*

(i) While moored within the RNA, each LNG tankship shall maintain a bridge watch consisting of a docking pilot or licensed deck officer who shall monitor all vessels transiting past the LNG facility. In addition, the LNG Bridge Watch shall communicate with the pilots of vessels greater than 1600 gross tons at the points identified in section (d)(6)(iii) of this section prior to passing the LNG facility in order to take actions of the towing vessel(s) required in paragraphs (d)(2) through (4) of this section.

(ii) While moored within the RNA, LNG tankships shall have emergency towing wires (fire wires) positioned one meter above the waterline, both on the offshore bow and quarter of the ship. LNG vessels equipped with waterline bollards are exempt from this requirement.

(6) *Requirements for other vessels while within the RNA.*

(i) Transiting vessels 1,600 gross tons or greater, when passing an LNG tankship moored outside of the LNG facility slip, shall have a minimum of two towing vessels with a minimum capacity of 100,000 pounds of bollard pull, 4,000 horsepower, and the ability to operate safely in the indirect mode, made-up in such a way as to be immediately available to arrest and control the motion of an escorted vessel in the event of steering, propulsion or other casualty. At least one of the towing vessels shall be FiFi Class 1 equipped. While it is anticipated that vessels will utilize the towing vessel services required in paragraphs (d)(2)(i) and (d)(4)(i) of this section, this section does not preclude escorted vessel operators from providing their own towing vessel escorts, provided they meet the requirements of this part.

(A) Outbound vessels shall be made-up and escorted from Bight Channel Light 46 until the vessel is safely past the LNG dock.

(B) Inbound vessels shall be made-up and escorted from Elba Island Light 37 until the vessel is safely past the LNG dock.

(ii) The requirements in paragraph (d)(6)(i) of this section do not apply when one or more LNG tankships are moored in the LNG facility slip and no LNG tankship is moored at the pier outside of the LNG facility slip.

(iii) Vessels 1,600 gross tons or greater shall make a broadcast on channel 13 at the following points on the Savannah River:

(A) Buoy "33" in the vicinity of Fields Cut for inbound vessels;

(B) Buoy "53" in the vicinity of Fort Jackson for outbound vessels.

(iv) Vessels 1,600 gross tons or greater shall at a minimum, transit at bare steerageway when within an area 1,000 yards on either side of the LNG facility slip to minimize potential wake or surge damage to the LNG facility and vessel(s) within the slip.

(v) Vessels 1,600 gross tons or greater shall not meet nor overtake within an area 1,000 yards on either side of the LNG facility slip when an LNG tankship is present within the slip.

(vi) All vessels less than 1,600 gross tons shall not approach within 70 yards of an LNG tankship, carrying LNG in excess of heel, without the permission of the Captain of the Port.

(vii) Except for vessels involved in those operations noted in paragraph (c) of this section entitled Applicability, no vessel shall enter the LNG facility slip at any time without the permission of the Captain of the Port.

(e) *Waivers.* (1) The COTP may waive any requirement in this section, if the COTP finds that it is in the best interest of safety or in the interest of national security. Such waivers may be verbal or in writing.

(2) An application for a waiver of these requirements must state the compelling need for the waiver and describe the proposed operation and methods by which adequate levels of safety are to be obtained.

(f) *Enforcement.* Violations of this section should be reported to the Captain of the Port, Savannah, at (912) 652–4353. In accordance with the general regulations in §165.13 of this part, no person may cause or authorize the operation of a vessel in the regulated navigation area contrary to the provisions of this section.

(FR 1/19/07; FR 9/10/07) 41/07

Page 121 to Page 123; replace table with below:

TABLE 161.12(c)-VTS and VMRS Centers, Call Signs/MMSI, Designated Frequencies, and Monitoring Areas		
Center MMSI[1] Call Sign	**Designated frequency (Channel designation)-purpose[2]**	**Monitoring Area [3, 4]**
Berwick Bay 003669950 *Berwick Traffic*	156.550 MHz (Ch. 11)	The waters south of 29°45' N., west of 91°10' W., north of 29°37' N., and east of 91°18' W.
Buzzards Bay *Buzzards Bay Control[5]*	156.600 MHz (Ch. 12)	The waters east and north of a line drawn from the southern tangent of Sakonnet Point, Rhode Island, in approximate position 41°27.2'N, 70°11.7'W to Buzzards Bay Entrance Light in approximate position 41°23.5'N, 71°02.0'W, and then to the southwestern tangent of Cuttyhunk Island, Massachusetts, at approximate position 41°24.6'N, 70°57.0'W, and including all of the Cape Cod Canal to its eastern entrance, except that the area of New Bedford harbor within the confines (north of) the hurricane barrier, and the passages through the Elizabeth Islands, is not considered to be "Buzzards Bay".
Houston-Galveston 003669954		The navigable waters north of 29° N., west of 94°20' W., south of 29°49' N., and east of 95°20' W.
Houston Traffic	156.550 MHz (Ch. 11) 156.250 MHz (Ch. 5A) - for sailing plans only	The navigable waters north of a line extending due west from the southern most end of Exxon Dock #1 (20°43.37' N., 95°01.27' W.)
Houston Traffic	156.600 MHz (Ch. 12) 156.250 MHz (Ch. 5A) - for sailing plans only	The navigable waters south of a line extending due west from the southern most end of Exxon Dock #1 (29°43.37' N., 95°01.27' W.)
Los Angeles/Long Beach: MMSI/To be determined *San Pedro Traffic*	156.700 MHz (Ch. 14)	Vessel Movement Reporting System Area: The navigable waters within a 25 nautical mile radius of Point Fermin Light (33°42.3' N., 118°17.6' W.)
Louisville: Not applicable *Louisville Traffic*	156.650 MHz (Ch. 13)	The waters of the Ohio River between McAlpine Locks (Mile 606) and Twelve Mile Island (Mile 593), only when the McAlpine upper pool gauge is at approximately 13.0 feet or above.
Lower Mississippi River[6] 0036699952 *New Orleans Traffic*	156.700 MHz (Ch. 14)	The navigable waters of the Lower Mississippi River below 30°38.7'N., 91°17.5'W. (Port Hudson Light at 255 miles Above Head of Passes (AHP)), the Southwest Pass, and, within a 12 nautical miles radius around 28°54.3'N., 89°25.7'W. (Southwest Pass Entrance Light at 19.9 miles Below Head of Passes).

New Orleans Traffic	156.600 MHz (Ch. 12)	New Orleans Sector. The navigable waters of the Lower Mississippi River bounded on the north by a line drawn perpendicularly at 29°56.4'N., 90°08.36'W. and on the south by a line drawn perpendicularly at 29°56.24'N., 89°59.86'W. (88 and 106 miles AHP).
New York 003669951 *New York Traffic*	156.550 MHz (Ch. 11) - For Sailing plans only 156.600 MHz (Ch. 12) - For vessels at anchor	The area consists of the navigable waters of the Lower New York Bay bounded on the east by a line drawn from Norton Point to Breezy Point; on the south by a line connecting the entrance buoys at the Ambrose Channel, Swash Channel, and Sandy Hook Channel to Sandy Hook Point; and on the southeast including the waters of Sandy Hook Bay south to a line drawn at 40° 25'N; then west in the Raritan Bay to the Raritan River Railroad Bridge, then north into waters of the Arthur Kill and Newark Bay to the Lehigh Valley Draw Bridge at 40° 41.9'N; and then east including the waters of the Kill Van Kull and the Upper New York Bay north to a line drawn east-west from the Holland Tunnel ventilator shaft at 40° 43.7'N, 74° 01.6'W, in the Hudson River; and then continuing east including the waters of the East River to the Throgs Neck Bridge, excluding the Harlem River.
New York Traffic	156.700 MHz (Ch. 14)	The navigable waters of the Lower New York Bay west of a line drawn from Norton Point to Breezy Point; and north of a line connecting the entrance buoys of Ambrose Channel, Swash Channel, and Sandy Hook Channel, to Sandy Hook Point; on the southeast including the waters of the Sandy Hook Bay south to a line drawn at latitude 40° 25'N; then west into the waters of Raritan Bay East Reach to a line drawn from Great Kills Light south through Raritan Bay East Reach LGB #14 to Comfort PT, NJ; then north including the waters of the Upper New York Bay south of 40° 42.40'N (Brooklyn Bridge) and 40° 43.70'N (Holland Tunnel Ventilator Shaft); west through the KVK into the Arthur Kill north of 40° 38.25'N (Arthur Kill Railroad Bridge); then north into the waters of the Newark Bay, south of 40° 41.95'N (Lehigh Valley Draw Bridge).
New York Traffic	156.600 MHz (Ch. 12)	The navigable waters of the Raritan Bay south to a line drawn at 40° 26'N; then west of a line drawn from Great Kills Light south through the Raritan Bay East Reach LGB #14 to Point Comfort, NJ; then west to the Raritan River Railroad Bridge; and north including the waters of the Arthur Kill to 40° 28.25'N. (Arthur Kill Railroad Bridge); including the waters of the East River north of 40° 42.40'N (Brooklyn Bridge) to the Throgs Neck Bridge, excluding the Harlem River.
Port Authur[6] 003669955 *Sabine Traffic*	(to be determined)	The navigable waters south of 30°10'N., east of 94°20'W., west of 93°22'W., and, north of 29°10'N.

Prince William Sound 003669958 *Valdez Traffic*	156.650 MHz (Ch. 13)	The navigable waters south of 61°05'N., east of 147°20'W., north of 60° N., and west of 146°30'W.; and, all navigable waters in Port Valdez.
Puget Sound[7] *Seattle Traffic 003669957*	156.700 MHz (Ch. 14)	The waters of Puget Sound, Hood Canal and adjacent waters south of a line connecting Marrowstone Point and Lagoon Point in Admiralty Inlet and south of a line drawn due east from the southernmost tip of Possession Point on Whidbey Island to the shoreline.
Seattle Traffic 003669957	156.250 MHz (Ch. 5A)	The waters of the Strait of Juan de Fuca east of 124°40'W. excluding the waters in the central portion of the Strait of Juan de Fuca north and east of Race Rocks; the navigable waters of the Strait of Georgia east of 122°52'W.; the San Juan Island Archipelago, Rosario Strait, Bellingham Bay; Admiralty Inlet north of a line connecting Marrowstone Point and Lagoon Point and all waters east of Whidbey Island North of a line drawn due east from the southernmost tip of Possession Point on Whidbey Island to the shoreline.
Tofino Traffic 003160012	156.725 MHz (Ch. 74)	The waters west of 124°40'W. within 50 nautical miles of the coast of Vancouver Island including the waters north of 48° N., and east of 127° W.
Victoria Traffic 003160010	156.550 MHz (Ch. 11)	The waters of the Strait of Georgia west of 122°52'W., the navigable waters of the central Strait of Juan de Fuca north and east of Race Rocks, including the Gulf Island Archipelago, Boundary Pass and Haro Strait.
San Francisco 003669956 San Francisco Traffic	156.700 MHz (Ch. 14)	The navigable waters of the San Francisco Offshore Precautionary Area, the navigable waters shoreward of the San Francisco Offshore Precautionary Area east of 122°42.0'W. and north of 37°40.0'N. extending eastward through the Golden Gate, and the navigable waters of San Francisco Bay and as far east as the port of Stockton on the San Joaquin River, as far north as the port of Sacramento on the Sacramento River.
San Francisco Traffic	156.600 MHz (Ch. 12)	The navigable waters within a 38 nautical mile radius of Mount Tamalpais (37°55.8'N., 122°34.6'W.) west of 122°42.0'W. and south of 37°40.0'N and excluding the San Francisco Offshore Precautionary Area.
St. Marys River 003669953 Soo Traffic	156.600 MHz (Ch. 12)	The waters of the St. Marys River between 45°57'N. (De Tour Reef Light) and 46°38.7'N. (lle Parisienne Light), except the St. Marys Falls Canal and those navigable waters east of a line from 46°04.16'N. and 46°01.57'N. (La Pointe to Sims Point in Potagannissing Bay and Worsley Bay).

Notes:

[1] Maritime Mobile Service Identifier (MMSI) is a unique nine-digit number assigned that identifies ship stations, ship earth stations, coast stations, coast earth stations, and group calls for use by a digital selective calling (DSC) radio, an INMARSAT ship earth station or AIS. AIS requirements are set forth in §§161.21 and 164.46 of this subchapter. The requirements set forth in §§161.21 and 164.46 of this subchapter apply in those areas denoted with a MMSI number.

[2] In the event of a communication failure, difficulties or other safety factors, the Center may direct or permit a user to monitor and report on any other designated monitoring frequency or the bridge-to-bridge navigational frequency, 156.650 MHz (Channel 13) or 156.375 MHz (Ch. 67), to the extent that doing so provides a level of safety beyond that provided by other means. The bridge-to-bridge navigational frequency, 156.650 MHz (Ch. 13), is used in certain monitoring areas where the level of reporting does not warrant a designated frequency.

[3] All geographic coordinates (latitude and longitude) are expressed in North American Datum of 1983 (NAD 83).

[4] Some monitoring areas extend beyond navigable waters. Although not required, users are strongly encouraged to maintain a listening watch on the designated monitoring frequency in these areas. Otherwise, they are required to maintain watch as stated in 47 CFR 80.148.

[5] In addition to the vessels denoted in Section 161.16 of this chapter, requirements set forth in subpart B of this chapter also apply to any vessel transiting VMRS Buzzards Bay when equipped with a bridge-to-bridge radiotelephone as defined in part 26 of this chapter.

[6] Until rules regarding VTS Lower Mississippi River and VTS Port Arthur are published, vessels are exempted of all VTS and VMRS requirements set forth in 33 CFR part 161, except those set forth in §§161.21 and 164.46 of this subchapter.

[7] A Cooperative Vessel Traffic Service was established by the United States and Canada within adjoining waters. The appropriate Center administers the rules issued by both nations; however, enforces only its own set of rules within its jurisdiction. Note, the bridge-to-bridge navigational frequency, 156.650 MHz (Ch. 13), is not so designated in Canadian waters, therefore users are encouraged and permitted to make passing arrangements on the designated monitoring frequencies.

(FR 8/30/07) 43/07

COAST PILOT 4 39 Ed 2007 Change No. 4
LAST NM 43/07

Page 347—Paragraph 47, lines 9 to 11; read:

extreme caution is advised.
(CL 1103/07) 44/07

Page 349—Paragraph 67, lines 13 to 14; read:

green **270º** lighted range, lights and lighted buoys. The entrance to East Basin is marked ...
(CL 1103/07) 44/07

Page 349—Paragraph 71, line 4; read:

respectively, for limits and regulations.) All areas north of the harbor channel are within defined Security Zones A and B. (See **165.705**, chapter 2, for limits and regulations.)
(CL 1103/07; 33 CFR 165) 44/07

Page 353—Paragraph 121, line 8; read:

ranges and lighted buoys.
(CL 1103/07; LL/06; NOS 11475) 44/07

Page 353—Paragraph 122, lines 4 to 5; read:

miles offshore, is about 2 miles northward of the entrance.
(CL 1103/07; 38/06 CG7) 44/07

Page 354—Paragraph 125, line 9; read:

expected ship arrival at the sea buoy. It monitors ...
(CL 1103/07) 44/07

Page 355—Paragraph 143, lines 1 to 3; read:

Three breasting dolphins (27º27'46"N., 80º19'18"W.) reported in the northern section of the turning basin are used for temporary ...
(CL 1103/07) 44/07

COAST PILOT 5 35 Ed 2007 NEW EDITION
(NOS) 26/07

COAST PILOT 5 35 Ed 2007 Change No. 1
LAST NM 26/07

Page 15—Paragraph 179, line 12; read:

80 or NGA Pub. 117. (**See Appendix A for a list of** ...
(47 CFR 80) 34/07

Page 117—Paragraphs 1569 to 1571; read:

(c) Any person directly affected by the establishment of a safety zone or by an order or direction issued by, or on behalf of, a District Commander, or who receives an unfavorable ruling on an appeal taken under paragraph (b) of this section may appeal to the Area Commander through the District Commander. The appeal must be in writing, except as allowed under paragraph (e) of this section, and shall contain complete supporting documentation and evidence which the appellant wishes to have considered. Upon receipt of the appeal, the Area Commander may direct a representative to gather and submit documentation or other evidence which would be necessary or helpful to a resolution of the appeal. A copy of this documentation and evidence is made available to the appellant. The appellant is afforded five working days from the date of receipt to submit rebuttal materials. Following submission of all materials, the Area Commander issues a ruling, in writing, on the appeal. Prior to issuing the ruling, the Area Commander may, as a matter of discretion, allow oral presentation on the issues.

(d) Any person who receives an unfavorable ruling on an appeal taken under paragraph (c) of this section, may appeal through the Area Commander to the Assistant Commandant for Prevention (formerly known as the Assistant Commandant for Marine Safety, Security and Environmental Protection), U.S. Coast Guard, Washington, DC 20593. The appeal must be in writing, except as allowed under paragraph (e) of this section. The Area Commander forwards the appeal, all the documents and evidence which formed the record upon which the order or direction was issued or the ruling under paragraph (c) of this section was made, and any comments which might be relevant, to the Assistant Commandant for Prevention. A copy of this documentation and evidence is made available to the appellant. The appellant is afforded five working days from the date of receipt to submit rebuttal materials to the Assistant Commandant for Prevention. The decision of the Assistant Commandant for Prevention is based upon the materials submitted, without oral argument or presentation. The decision of the Assistant Commandant for Prevention is issued in writing and constitutes final agency action.

(e) If the delay in presenting a written appeal would have significant adverse impact on the appellant, the appeal under paragraphs (b) and (c) of this section may initially be presented orally. If an initial presentation of the appeal is made orally, the appellant must submit the appeal in writing within five days of the oral presentation to the Coast Guard official to whom the presentation was made. The written appeal must contain, at a minimum, the basis for the appeal and a summary of the material presented orally. If requested, the official to whom the appeal is directed may stay the effect of the action while the ruling is being appealed.

(FR 4/9/07; FR 7/12/06; CL 812/06) 34/07

Page 313—Paragraph 54, lines 4 to 5; read:

daybeacons. In January 2007, the controlling depth was 6.4 feet (7.4 feet at midchannel) from the entrance in ...

(CL 270/07) 34/07

Page 321—Paragraph 156, lines 14 to 15; read:

thence 2.6 to 5.5 feet in the basin; thence in February 2007, 5.3 feet in the connecting channel.

(CL 442/07) 34/07

Page 356—Paragraph 117, lines 2 to 3; read:

river via the Jump with the Gulf. In March 2007, the controlling depth was 6 feet to Light 19; thence in August 2006, 8 feet to Buoy 58, thence 14 feet ...

(DDs 8854-55) 34/07

Page 356—Paragraph 120, lines 5 to 8; read:

March 2007, the controlling depth was 7 feet (10 feet at midchannel) in the entrance channel to Light 7, thence 13 feet through the jetties; thence in 1997-March 2007, 9 feet to the Mississippi ...

(DDs 8848-49) 34/07

Page 361—Paragraph 172, line 9; read:

feet. A private fog signal is on the bridge. In March 2007, the bridge was reported under construction with a reduced horizontal clearance in the west channel to approximately 650 feet. These are the ...

(13/07 CG8) 34/07

Page 390—Paragraph 123, line 5; read:

buoys. In February 2007, the controlling depth through ...

(DDs 8887-89) 34/07

Page 390—Paragraph 124, line 7; read:

2006-February 2007, the controlling depth was 10 feet ...

(DDs 8885-86) 34/07

Page 513—Paragraph 38; read:

Agricultural quarantine laws are enforced by officials at San Juan, Fajardo, Ponce, and Mayaguez. The United States immigration laws apply to Puerto Rico. Passports and visas are required. In 2007, it was reported that Ramey Air Force Base no longer exists and Roosevelt Roads Naval Air Station closed.

(DB 15932) 34/07

Page 527—Paragraph 341, line 4; read:

regulations.) In 2007, it was reported that this area is no longer used for bombing and gunnery target exercises.
(DB 15949) 34/07

Page 530—Paragraph 392, lines 14 to 15; read:

Yabucoa.
(DB 15932) 34/07

Page 532—Paragraph 424, line 3; read:

Naval Station. In 2007, the naval station was reported closed. The harbor is well protected by the circular ...
(DB 15932) 34/07

Page 532—Paragraph 424, lines 8 to 9; read:

entrance. (See **334.1480**, chapter 2, for limits and regulations.)
(NOS 25666; 33 CFR 334.1480) 34/07

Page 540—Paragraph 549, lines 3 to 5; read:

rounding reefs.
(DB 15947) 34/07

Page 540—Paragraph 550, lines 3 to 5; read:

prominent objects are two large cracking towers, a large elevated water tank SE of ...
(DB 15947) 34/07

COAST PILOT 5 35 Ed 2007 Change No. 2

Page 20—Paragraph 340 to Page 21—Paragraph 361; read:

Emergency Position Indicating Radiobeacons (EPIRBs), are designed to save your life if you get into trouble by alerting rescue authorities and indicating your location. EPIRB types are described in the accompanying table.

EPIRB Types		
Type	Frequency	Description
Cat I	406/121.5 MHz	Float-free, automatically activated EPIRB. Detectable by satellite anywhere in the world. Recognized by the Global Maritime and Distress Safety System (GMDSS).
Cat II	406/121.5 MHz	Similar to Category I, except is manually activated. (Some models are also water activated).

406 MHz EPIRBs (Category I, II): The 406 MHz EPIRB was designed to operate with satellites. The signal frequency (406 MHz) has been designated internationally to be used only for distress. Other communications and interference are not allowed on this frequency. Its signal allows a satellite local user terminal to accurately locate the EPIRB and identify the vessel (the signal is encoded with the vessel's identity) anywhere in the world (there is no range limitation). These devices are detectable not only by COSPAS-SARSAT satellites which are polar orbiting, but also by geostationary GOES weather satellites. EPIRBs detected by the GEOSAR system, consisting of GOES and other geostationary satellites, send rescue authorities an instant alert, but without location information unless the EPIRB is equipped with an integral GPS receiver. EPIRBs detected by COSPAS-SARSAT (e.g. TIROS N) satellites provide rescue authorities location of distress, but location and sometimes alerting may be delayed as much as an hour or two. These EPIRBs also include a 121.5 MHz homing signal, allowing aircraft and rescue craft to quickly find the vessel in distress. These are the only type of EPIRB which must be certified by Coast Guard approved independent laboratories before they can be sold in the United States.

A new type of 406 MHz EPIRB, having an integral GPS navigation receiver, became available in 1998. This EPIRB will send accurate location as well as identification information to rescue authorities immediately upon activation through both geostationary (GEOSAR) and polar orbiting satellites. These types of EPIRB are the best you can buy.

406 MHz emergency locating transmitters (ELTs) for aircraft are currently available and 406 MHz personnel locating beacons (PLBs) are also available.

The Coast Guard recommends you purchase a 406 MHz EPIRB, preferably one with an integral GPS navigation receiver. A Cat I EPIRB should be purchased if it can be installed properly.

Proper registration of your 406 MHz EPIRB is intended to save your life, and is mandated by Federal Communications Commission regulations; the Coast Guard is enforcing this FCC registration rule.

If you purchase a new or a used 406 MHz EPIRB, you MUST register it with NOAA. If you change your boat, your address, or your primary phone number, you MUST re-register your EPIRB with NOAA. If you sell your EPIRB, make sure the purchaser re-registers the EPIRB, or you may be called by the Coast Guard if it later becomes activated. An FCC ship station license is no longer required to purchase or carry an EPIRB. Download or request 406 MHz EPIRB registration forms from www.sarsat.noaa.gov/beacon.html, and mail or fax completed forms to:

SARSAT Beacon Registration
E/SP3, Room 3320, FB-4
NOAA

5200 Auth Road
Suitland, MD 20746-4304
or call toll free at **1-888-212-SAVE** (1-888-212-7283) for further information or a copy of the registration form. From outside the U.S., call: 1-301-457-5430 or fax: 301-568-8649 for further information. Forms may be requested by phone or fax, or downloaded by computer (above). There is no charge for this service. IT MAY SAVE YOUR LIFE.
(47 CFR 80; 16/07 CG9; 14/07 CG9; DD 9023) 34/07

COAST PILOT 5 35 Ed 2007 Change No. 3

Page 302—Paragraph 247, line 7; read:
controlling depths.) In May 2007, an unmarked obstruction was reported in the inner channel at about 30°23'59.3"N., 87°14'32.8"W., decreasing the channel depth to 9 feet or less; extreme caution is advised.
(17/07 CG8; 18/07 CG8) 34/07

Page 487—Paragraph 145, line 6; read:
club is on the S mole. In August 2006, the reported ...
(CL 236/07) 34/07

Page 487—Paragraph 146, lines 3 to 7; read:
Island W of **Mile 141.1**. In August 2006, the channel had a reported depth of 4 feet. It is marked by a private light and daybeacons. The basin and island are part of the **Caladesi Island State Park**. A ferry operates ...
(CL 236/07) 34/07

Page 488—Paragraph 151, lines 5 to 11; read:
channel is marked by a light and daybeacons. Hull, engine, and electronic repairs can be made; lift to 4 tons is available.
(CL 236/07) 34/07

COAST PILOT 5 35 Ed 2007 Change No. 4

Page 168—Paragraphs 2660 to 2665; read:
(2) Notices to mariners; and
(3) Vessel Traffic Center advisories or upon vessel information request.
(FR 5/17/07) 34/07

Page 395—Paragraph 206; strike out.
(26/07 CG8; LL/06) 34/07

COAST PILOT 5 35 Ed 2007 Change No. 5

Page 123—Paragraph 1693, lines 4 to 5; read:
shall immediately notify the nearest Coast Guard Sector office or Group Office. (Compliance with ...
(FR 7/2/07; DD 9393) 34/07

Page 154—Paragraph 2326, line 1; read:
(d) The Sector St. Petersburg will notify the ...
(FR 7/2/07; DD 9393) 34/07

Page 154—Paragraph 2337, line 6; read:
the Captain of the Port St. Petersburg.
(FR 7/2/07; DD 9393) 34/07

Page 154—Paragraph 2344, line 1; read:
(f) The Coast Guard Captain of the Port St. Petersburg will ...
(FR 7/2/07; DD 9393) 34/07

Page 154—Paragraph 2345, line 6; read:
of the Port St. Petersburg before commencing the transit.
(FR 7/2/07; DD 9393) 34/07

Page 155—Paragraph 2348, line 1; read:
(j) The Captain of the Port St. Petersburg may waive any of ...
(FR 7/2/07; DD 9393) 34/07

Page 155—Paragraph 2349, line 4; read:
Port St. Petersburg at least twenty-four (24) hours before entering ...
(FR 7/2/07; DD 9393) 34/07

Page 156—Paragraph 2387, line 2; read:
Sector San Juan, Puerto Rico, can be ...
(FR 7/2/07; DD 9393) 34/07

Page 156—Paragraph 2388, line 1; read:
(4) The Sector San Juan will notify ...
(FR 7/2/07; DD 9393) 34/07

Page 156—Paragraph 2395, line 1; read:
(c) The Coast Guard Sector San Juan ...
(FR 7/2/07; DD 9393) 34/07

Page 157—Paragraph 2401, lines 4 to 5; read:
authorized by the Coast Guard Captain of the Port. The Sector San Juan will notify the maritime ...
(FR 7/2/07; DD 9393) 34/07

Page 157—Paragraph 2405, line 1; read:
(3) The Sector San Juan will attempt ...
(FR 7/2/07; DD 9393) 34/07

Page 160—Paragraph 2477, line 1; read:
(3) The Sector San Juan will attempt ...
(FR 7/2/07; DD 9393) 34/07

Page 161—Paragraph 2489, line 3; read:
Guard Captain of the Port, St. Petersburg, Florida or their designated ...
(FR 7/2/07; DD 9393) 34/07

Page 290—Paragraph 75, lines 6 to 7; read:

protected by twin jetties. In May 2007, the controlling depth was 2.8 feet (7.9 feet at midchannel). The ...
(CL 827/07) 34/07

Page 312—Paragraph 46, lines 6 to 10; read:

at miles 1.6 and 2.5, respectively. In April 2007, the controlling depth was 5.8 feet (8.5 feet at midchannel) to Daybeacon 30, thence 3.8 feet to the head of the project, thence depths of 7.7 to 10 feet were available in both turning basins. The ...
(CL 683/07) 34/07

Page 390—Paragraph 123, lines 5 to 6; read:

buoys. In April-May 2007, the controlling depth through the pass was 7 feet. The current in Cat Island Pass averages ...
(DDs 9311-13) 34/07

Page 390—Paragraph 124, line 7; read:

2006-May 2007, the controlling depth was 10 feet.
(DDs 9308-11) 34/07

Page 403—Paragraph 297, lines 13 to 17; read:

in operation continuously. In April 2007, the controlling depth was 9 feet in the entrance channel to the lock, thence 5 feet through the canal to Light 20, thence 9 feet to the canal junction ...
(DD 9289-DD 9307) 34/07

COAST PILOT 5 35 Ed 2007 Change No. 6
LAST NM 34/07

Page 322—Paragraph 164, lines 7 to 9; read:

June 2007, 14.8 feet (15.9 feet at midchannel) to the turning basin, thence 16.7 to 18.0 feet in the basin, thence 8.7 feet to the highway bridge.
(CL 797/07) 35/07

Page 329—Paragraph 259, lines 4 to 8; read:

the entrance to Industrial Seaway. In June 2005, the controlling depth was 8.4 feet (10.3 feet at midchannel) from State Route 90 highway bridge to State Route 110 highway bridge, thence 3.8 feet (11.4 feet at midchannel) to Popps Ferry Road highway bridge; thence ...
(CL 1048/05) 35/07

Page 331—Paragraph 274; read:

Mariners are advised to use caution while transiting between Biloxi Channel and Beauvoir due to various wrecks, oyster reefs, and possible shoaling.
(NOS 11372) 35/07

Page 332—Paragraph 285, line 4; read:

for about 1.2 miles to the small-craft harbor. In September ...
(CL 1570/06) 35/07

Page 335—Paragraph 323, line 5; read:

pier. The buildings at the college and ...
(22/99 CG8) 35/07

Page 336—Paragraph 329, line 5; read:

submerged wreck, covered 5 feet, is SE of the entrance to ...
(NOS 11372) 35/07

COAST PILOT 5 35 Ed 2007 Change No. 7
LAST NM 35/07

Page 335—Paragraph 323, lines 15 to 16; read:

An unmarked visible wreck is about 1 mile SE of the harbor entrance at about 30º20'12"N., ...
(NOS 11372) 36/07

Page 428—Paragraph 160, lines 4 to 6; read:

Orangefield. In March 2007, the controlling depth in the channel was 4.9 feet (6.4 feet at midchannel), thence 5.6 feet in the turning basin with shoaling to 0.9 foot in the left outside quarter of the basin. In 1996, a draft of 4.5 feet ...
(CL 920/07) 36/07

Page 428—Paragraph 161, lines 3 to 5; read:

Sabine River to the first fixed highway bridge. In March 2007, the controlling depth was 5.6 feet with shoaling to 1.0 foot in the left outside quarter of the channel. The highway bridge has a fixed span with ...
(CL 920/07) 36/07

Page 435—Paragraph 251, line 4; read:

basin. In June 2007, the controlling depth was 36 ...
(CL 920/07) 36/07

Page 438—Paragraph 283, lines 5 to 7; read:

thence upstream for about 1.7 miles. In March 2007, the controlling depth was 2.0 feet, thence 2.0 feet for about 2 ...
(CL 920/07) 36/07

Page 438—Paragraph 285, line 4; read:

October 2006, the controlling depth was 1.0 foot. The ...
(CL 920/07) 36/07

Page 440—Paragraph 314, line 8; read:

March 2007, the controlling depth was 6.0 feet in the entrance ....
(CL 920/07) 36/07

Page 441—Paragraph 320, lines 7 to 9; read:

settlement about 7 miles up the bayou. In March 2007, the

controlling depth was 5.0 feet to Light 27, thence 1.0 foot to the railroad bridge. The ...
(CL 920/07) 36/07

Page 450—Paragraph 459, lines 1 to 2; read:

In May 2007, the controlling depth was 4.9 feet (6.7 feet at midchannel) from the waterway to the ...
(CL 920/07) 36/07

Page 450—Paragraph 463, lines 6 to 7; read:

Waterway. In July 2007, the controlling depth was 11.9 feet to the Monsanto basin. It was reported ...
(CL 920/07) 36/07

Page 457—Paragraph 59, lines 8 to 9; read:

Intracoastal Waterway. In June 2007, the controlling depth was 4.0 feet (7.9 feet at midchannel) to about ...
(CL 920/07) 36/07

Page 461—Paragraph 115, lines 8 to 10; read:

July 2006-March 2007, the controlling depth was 6.0 feet (8.5 feet at midchannel) from the Intracoastal Waterway to Pickering Basin; thence in August 2006, 12.0 feet ...
(CL 920/07) 36/07

Page 464—Paragraph 163, lines 4 to 6; read:

to a turning basin in Kinney Bayou. In April 2007, the controlling depth was 15.0 feet (16.0 feet at midchannel); thence in September 2006, 13.5 feet was in the basin.
(CL 920/07) 36/07

Page 470—Paragraph 251, lines 1 to 2; read:

In July 2007, the controlling depth in the channel was 11.0 feet; thence in August ...
(CL 920/07) 36/07

Page 505—Paragraph 407, lines 3 to 4; read:

River. In July 2007, the controlling depth was 1.0 foot (9.0 feet at midchannel).
(CL 920/07) 36/07

Page 505—Paragraph 410, lines 6 to 7; read:

February 2006-July 2007, the controlling depth was 0.8 foot (1.1 feet at midchannel). The Gulf entrance to the flood discharge ...
(CL 920/07) 36/07

Page 505—Paragraph 411, lines 3 to 5; read:

of Bay City Barge Terminal. In June 2007, the controlling depth was 3.2 feet (3.9 feet at midchannel), thence 9 feet in the turning basin with shoaling to 0.5 foot in the left outside quarter of the basin. The head of navigation ...
(CL 920/07) 36/07

COAST PILOT 5 35 Ed 2007 Change No. 8

Page 299—Paragraph 196, lines 7 to 8; read:

channel parallel to the highway bridge. In May 2007, the controlling depth was 5.3 feet (5.7 feet at midchannel). The channel is ...
(CL 828/07) 36/07

Page 335—Paragraph 322, lines 12 to 13; read:

with Oyster Bay.
(33/07 CG8; LL/06) 36/07

Page 337—Paragraph 342, lines 3 to 4; read:

Mississippi Sound. The channels are little used. **Bayou Boudreau** is a shallow body of ...
(33/07 CG8; LL/06) 36/07

Page 352—Paragraph 70, lines 5 to 6; read:

arrival (ETA), draft, deadweight tonnage, and speed at least 24 hours prior to arrival off the South Pass Lighted Bell Buoy 2, Southwest Pass Entrance Lighted Buoy SW, or MR-GO sea buoys. If the original ...
(CL 912/07) 36/07

Page 352—Paragraph 70, line 15; read:

(866-569-4138), by email (dispatch@crescentpilots.com), by telex (6737841), or cable (CRES-PILOTS, ...
(CL 912/07) 36/07

Page 352—Paragraph 70, line 22; read:

motorboats painted white with the names RIVERPILOT, PORTPILOT, or ...
(CL 912/07) 36/07

COAST PILOT 5 35 Ed 2007 Change No. 9
LAST NM 36/07

Page 321—Paragraph 163, lines 8 to 10; read:

bridge. In June 2007, the controlling depth in the channel was 5.2 feet (7.0 feet at midchannel) to the highway bridge, thence 4.7 to 7.6 feet in the basin. The ...
(CL 794/07) 38/07

Page 383—Paragraph 35, line 3; read:

Lake Grande Ecaille.
(34/07 CG8; LL/06) 38/07

Page 491—Paragraph 200, lines 15 to 18; read:

15-ton forklift available.

Mariners are **prohibited** from anchoring or mooring vessels in Little Sabine Bay after Santa Rosa Island has been placed under a hurricane watch condition or a more serious hurricane alert. Vessels in the bay must be moved within 24

hours of any hurricane watch or warning.
(CL 1023/07) 38/07

COAST PILOT 5 35 Ed 2007 Change No. 10
LAST NM 38/07

Page 32—Paragraph 474; insert after:

Homeland Security Advisory System

The Homeland Security Advisory System is a comprehensive and effective means to disseminate information regarding the risk of terrorist acts to Federal, State, and local authorities and to the American people. The system is designed to guide our protective measures when specific information to a particular sector or geographic region is received. It combines threat information with vulnerability assessments and provides communications to public safety officials and the public. This communication is achieved through threat advisories, information bulletins, and a color-coded threat level system (shown below).

U.S. Coast Guard Maritime Security (MARSEC) Levels

The U.S. Coast Guard has a three-tiered system of Maritime Security (MARSEC) Levels consistent with the Department of Homeland Security's Homeland Security Advisory System (HSAS). MARSEC levels are designed to provide a means to easily communicate pre-planned scalable responses to increased threat levels. The Commandant of the U.S. Coast Guard sets MARSEC levels commensurate with the HSAS. Because of the unique nature of the maritime industry, the HSAS threat conditions and MARSEC levels will align closely, though they will not directly correlate.

MARSEC Level 1 – the level for which minimum appropriate security measures shall be maintained at all times. MARSEC 1 generally applies when HSAS Threat Condition Green, Blue, or Yellow are set.

MARSEC Level 2 – the level for which appropriate additional protective security measures shall be maintained for a period of time as a result of heightened risk of a transportation security incident. MARSEC 2 generally corresponds to HSAS Threat Condition Orange.

MARSEC Level 3 – the level for which further specific protective security measures shall be maintained for a limited period of time when a transportation security incident is probable, imminent, or has occurred, although it may not be possible to identify the specific target. MARSEC 3 generally corresponds to HSAS Threat Condition Red.
(DD 9607; DD 9608) 41/07

COAST PILOT 5 35 Ed 2007 Change No. 11
LAST NM 41/07

Page 161—Paragraph 2491; insert after:

§165.766 Security Zone: HOVENSA Refinery, St. Croix, U.S. Virgin Islands.

(a) *Regulated area.* The Coast Guard is establishing a security zone in and around the HOVENSA Refinery on the south coast of St. Croix, U.S. Virgin Islands. This security zone includes all waters from surface to bottom, encompassed by an imaginary line connecting the following points: Point 1: 17°41'31" North, 64°45'09" West, Point 2: 17°39'36" North, 64°44'12" West, Point 3: 17°40'00" North, 64°43'36" West, Point 4: 17°41'48" North, 64°44'25" West, and returning to the point origin. These coordinates are based upon North American Datum (NAD 1983).

(b) *Regulations.* (1) Under §165.33, entry into or remaining in the security zone in paragraph (a) of this section is prohibited unless authorized by the Coast Guard Captain of the Port San Juan or vessels have a scheduled arrival in accordance with the Notice of Arrival requirements of 33 CFR part 160, subpart C.

(2) Persons and vessels desiring to transit the Regulated Area may contact the U.S. Coast Guard Captain of the Port, San Juan, at telephone number 787-289-2041 or on VHF channel 16 (156.8 MHz) to seek permission to transit the area. If permission is granted, all persons and vessels must comply with the instructions of the Captain of the Port.
(FR 8/6/07) 42/07

Page 188—Paragraphs 3200 to 3204; read:

(4) Beginning at the last point designated in area 3 at

24°34.0550'N., 81°47.9166'W.; proceed in a northwesterly direction to a point at 24°34.2725'N., 81°48.1304'W.; thence proceed in a northeasterly direction to a point at 24°34.3562'N., 81°48.0192'W.; thence proceed in a northwesterly direction to a point at 24°34.4506'N., 81°48.1444'W.; thence proceed in a northwesterly direction to a point at 24°34.5619'N., 81°48.1873'W.; thence proceed in a northeasterly direction to a point at 24°34.9084'N., 81°48.0945'W.; thence proceed in a northeasterly direction to a point at 24°34.9809'N., 81°47.9400'W.; proceed in a general northerly direction maintaining a distance of 100 yards from the shoreline of Fleming Key, continue around Fleming Key to a point easterly of the southeast corner of Fleming Key at 24°34.0133'N., 81°47.6250'W.; thence easterly to 24°33.9600'N., 81°47.3333'W.; thence southerly to a point on the shore at 24°33.9117'N., 81°47.3450'W. The Department of the Navy plans to install buoys along that portion of the restricted area boundary which marks the outer edge of the explosive hazard safety distance requirements.
(FR 8/10/07) 42/07

COAST PILOT 5 35 Ed 2007 Change No. 12
LAST NM 42/07

Page 127 to Page 128; replace table with below:

TABLE 161.12(c)-VTS and VMRS Centers, Call Signs/MMSI, Designated Frequencies, and Monitoring Areas		
Center MMSI[1] Call Sign	**Designated frequency (Channel designation)-purpose[2]**	**Monitoring Area [3, 4]**
Berwick Bay 003669950 *Berwick Traffic*	156.550 MHz (Ch. 11)	The waters south of 29°45' N., west of 91°10' W., north of 29°37' N., and east of 91°18' W.
Buzzards Bay *Buzzards Bay Control[5]*	156.600 MHz (Ch. 12)	The waters east and north of a line drawn from the southern tangent of Sakonnet Point, Rhode Island, in approximate position 41°27.2'N, 70°11.7'W to Buzzards Bay Entrance Light in approximate position 41°23.5'N, 71°02.0'W, and then to the southwestern tangent of Cuttyhunk Island, Massachusetts, at approximate position 41°24.6'N, 70°57.0'W, and including all of the Cape Cod Canal to its eastern entrance, except that the area of New Bedford harbor within the confines (north of) the hurricane barrier, and the passages through the Elizabeth Islands, is not considered to be "Buzzards Bay".
Houston-Galveston 003669954		The navigable waters north of 29° N., west of 94°20' W., south of 29°49' N., and east of 95°20' W.
Houston Traffic	156.550 MHz (Ch. 11) 156.250 MHz (Ch. 5A) - for sailing plans only	The navigable waters north of a line extending due west from the southern most end of Exxon Dock #1 (20°43.37' N., 95°01.27' W.)
Houston Traffic	156.600 MHz (Ch. 12) 156.250 MHz (Ch. 5A) - for sailing plans only	The navigable waters south of a line extending due west from the southern most end of Exxon Dock #1 (29°43.37' N., 95°01.27' W.)
Los Angeles/Long Beach: MMSI/To be determined *San Pedro Traffic*	156.700 MHz (Ch. 14)	Vessel Movement Reporting System Area: The navigable waters within a 25 nautical mile radius of Point Fermin Light (33°42.3' N., 118°17.6' W.)

Louisville: Not applicable *Louisville Traffic*	156.650 MHz (Ch. 13)	The waters of the Ohio River between McAlpine Locks (Mile 606) and Twelve Mile Island (Mile 593), only when the McAlpine upper pool gauge is at approximately 13.0 feet or above.
Lower Mississippi River[6] **0036699952** *New Orleans Traffic*	156.700 MHz (Ch. 14)	The navigable waters of the Lower Mississippi River below 30°38.7'N., 91°17.5'W. (Port Hudson Light at 255 miles Above Head of Passes (AHP)), the Southwest Pass, and, within a 12 nautical miles radius around 28°54.3'N., 89°25.7'W. (Southwest Pass Entrance Light at 19.9 miles Below Head of Passes).
New Orleans Traffic	156.600 MHz (Ch. 12)	New Orleans Sector. The navigable waters of the Lower Mississippi River bounded on the north by a line drawn perpendicularly at 29°56.4'N., 90°08.36'W. and on the south by a line drawn perpendicularly at 29°56.24'N., 89°59.86'W. (88 and 106 miles AHP).
New York 003669951 *New York Traffic*	156.550 MHz (Ch. 11) - For Sailing plans only 156.600 MHz (Ch. 12) - For vessels at anchor	The area consists of the navigable waters of the Lower New York Bay bounded on the east by a line drawn from Norton Point to Breezy Point; on the south by a line connecting the entrance buoys at the Ambrose Channel, Swash Channel, and Sandy Hook Channel to Sandy Hook Point; and on the southeast including the waters of Sandy Hook Bay south to a line drawn at 40° 25'N; then west in the Raritan Bay to the Raritan River Railroad Bridge, then north into waters of the Arthur Kill and Newark Bay to the Lehigh Valley Draw Bridge at 40° 41.9'N; and then east including the waters of the Kill Van Kull and the Upper New York Bay north to a line drawn east-west from the Holland Tunnel ventilator shaft at 40° 43.7'N, 74° 01.6'W, in the Hudson River; and then continuing east including the waters of the East River to the Throgs Neck Bridge, excluding the Harlem River.
New York Traffic	156.700 MHz (Ch. 14)	The navigable waters of the Lower New York Bay west of a line drawn from Norton Point to Breezy Point; and north of a line connecting the entrance buoys of Ambrose Channel, Swash Channel, and Sandy Hook Channel, to Sandy Hook Point; on the southeast including the waters of the Sandy Hook Bay south to a line drawn at latitude 40° 25'N; then west into the waters of Raritan Bay East Reach to a line drawn from Great Kills Light south through Raritan Bay East Reach LGB #14 to Comfort PT, NJ; then north including the waters of the Upper New York Bay south of 40° 42.40'N (Brooklyn Bridge) and 40° 43.70'N (Holland Tunnel Ventilator Shaft); west through the KVK into the Arthur Kill north of 40° 38.25'N (Arthur Kill Railroad Bridge); then north into the waters of the Newark Bay, south of 40° 41.95'N (Lehigh Valley Draw Bridge).

New York Traffic	156.600 MHz (Ch. 12)	The navigable waters of the Raritan Bay south to a line drawn at 40° 26'N; then west of a line drawn from Great Kills Light south through the Raritan Bay East Reach LGB #14 to Point Comfort, NJ; then west to the Raritan River Railroad Bridge; and north including the waters of the Arthur Kill to 40° 28.25'N. (Arthur Kill Railroad Bridge); including the waters of the East River north of 40° 42.40'N (Brooklyn Bridge) to the Throgs Neck Bridge, excluding the Harlem River.
Port Authur[6] 003669955 *Sabine Traffic*	(to be determined)	The navigable waters south of 30°10'N., east of 94°20'W., west of 93°22'W., and, north of 29°10'N.
Prince William Sound 003669958 *Valdez Traffic*	156.650 MHz (Ch. 13)	The navigable waters south of 61°05'N., east of 147°20'W., north of 60° N., and west of 146°30'W.; and, all navigable waters in Port Valdez.
Puget Sound[7] *Seattle Traffic 003669957*	156.700 MHz (Ch. 14)	The waters of Puget Sound, Hood Canal and adjacent waters south of a line connecting Marrowstone Point and Lagoon Point in Admiralty Inlet and south of a line drawn due east from the southernmost tip of Possession Point on Whidbey Island to the shoreline.
Seattle Traffic 003669957	156.250 MHz (Ch. 5A)	The waters of the Strait of Juan de Fuca east of 124°40'W. excluding the waters in the central portion of the Strait of Juan de Fuca north and east of Race Rocks; the navigable waters of the Strait of Georgia east of 122°52'W.; the San Juan Island Archipelago, Rosario Strait, Bellingham Bay; Admiralty Inlet north of a line connecting Marrowstone Point and Lagoon Point and all waters east of Whidbey Island North of a line drawn due east from the southernmost tip of Possession Point on Whidbey Island to the shoreline.
Tofino Traffic 003160012	156.725 MHz (Ch. 74)	The waters west of 124°40'W. within 50 nautical miles of the coast of Vancouver Island including the waters north of 48° N., and east of 127° W.
Victoria Traffic 003160010	156.550 MHz (Ch. 11)	The waters of the Strait of Georgia west of 122°52'W., the navigable waters of the central Strait of Juan de Fuca north and east of Race Rocks, including the Gulf Island Archipelago, Boundary Pass and Haro Strait.
San Francisco 003669956 *San Francisco Traffic*	156.700 MHz (Ch. 14)	The navigable waters of the San Francisco Offshore Precautionary Area, the navigable waters shoreward of the San Francisco Offshore Precautionary Area east of 122°42.0'W. and north of 37°40.0'N. extending eastward through the Golden Gate, and the navigable waters of San Francisco Bay and as far east as the port of Stockton on the San Joaquin River, as far north as the port of Sacramento on the Sacramento River.

San Francisco Traffic	156.600 MHz (Ch. 12)	The navigable waters within a 38 nautical mile radius of Mount Tamalpais (37°55.8'N., 122°34.6'W.) west of 122°42.0'W. and south of 37°40.0'N and excluding the San Francisco Offshore Precautionary Area.
St. Marys River 003669953 Soo Traffic	156.600 MHz (Ch. 12)	The waters of the St. Marys River between 45°57'N. (De Tour Reef Light) and 46°38.7'N. (lle Parisienne Light), except the St. Marys Falls Canal and those navigable waters east of a line from 46°04.16'N. and 46°01.57'N. (La Pointe to Sims Point in Potagannissing Bay and Worsley Bay).

Notes:

[1] Maritime Mobile Service Identifier (MMSI) is a unique nine-digit number assigned that identifies ship stations, ship earth stations, coast stations, coast earth stations, and group calls for use by a digital selective calling (DSC) radio, an INMARSAT ship earth station or AIS. AIS requirements are set forth in §§161.21 and 164.46 of this subchapter. The requirements set forth in §§161.21 and 164.46 of this subchapter apply in those areas denoted with a MMSI number.

[2] In the event of a communication failure, difficulties or other safety factors, the Center may direct or permit a user to monitor and report on any other designated monitoring frequency or the bridge-to-bridge navigational frequency, 156.650 MHz (Channel 13) or 156.375 MHz (Ch. 67), to the extent that doing so provides a level of safety beyond that provided by other means. The bridge-to-bridge navigational frequency, 156.650 MHz (Ch. 13), is used in certain monitoring areas where the level of reporting does not warrant a designated frequency.

[3] All geographic coordinates (latitude and longitude) are expressed in North American Datum of 1983 (NAD 83).

[4] Some monitoring areas extend beyond navigable waters. Although not required, users are strongly encouraged to maintain a listening watch on the designated monitoring frequency in these areas. Otherwise, they are required to maintain watch as stated in 47 CFR 80.148.

[5] In addition to the vessels denoted in Section 161.16 of this chapter, requirements set forth in subpart B of this chapter also apply to any vessel transiting VMRS Buzzards Bay when equipped with a bridge-to-bridge radiotelephone as defined in part 26 of this chapter.

[6] Until rules regarding VTS Lower Mississippi River and VTS Port Arthur are published, vessels are exempted of all VTS and VMRS requirements set forth in 33 CFR part 161, except those set forth in §§161.21 and 164.46 of this subchapter.

[7] A Cooperative Vessel Traffic Service was established by the United States and Canada within adjoining waters. The appropriate Center administers the rules issued by both nations; however, enforces only its own set of rules within its jurisdiction. Note, the bridge-to-bridge navigational frequency, 156.650 MHz (Ch. 13), is not so designated in Canadian waters, therefore users are encouraged and permitted to make passing arrangements on the designated monitoring frequencies.

(FR 8/30/07) 43/07

COAST PILOT 5 35 Ed 2007 Change No. 13

Page 167—Paragraph 2643; insert after:

(g) *Movement of vessels in the vicinity of Eighty-One Mile Point, Geary LA mm 167.5-187.9 LMR.* (1) Prior to proceeding upriver past MM 167.5, LMR, Sunshine Bridge, vessels shall contact Vessel Traffic Center (VTC) New Orleans on VHF Channel 63A to check-in. Vessels must provide name, destination, confirm proper operation of their automated identification system (AIS) if required under 33 CFR 164.46 and, if applicable, size of tow and number of loaded and empty barges. At MM 173.7, LMR, Bringier Point Light, ascending vessels shall contact VTC New Orleans and provide a follow-on position check. At both check-in and follow-on position check, VTC New Orleans will advise the vessel on traffic approaching Eighty-One Mile Point.

(2) Prior to proceeding downriver past MM 187.9, LMR, COS-MAR Lights, vessels shall contact Vessel Traffic Center (VTC) New Orleans on VHF Channel 63A to check-in. Vessels must provide name, destination, confirm proper operation of their automated identification system (AIS) if required under 33 CFR 164.46 and, if

applicable, size of tow and number of loaded and empty barges. At MM 183.9 LMR, Wyandotte Chemical Dock Lights, descending vessels shall contact VTC New Orleans and provide a follow-on position check. At both check-in and follow-on position check VTC New Orleans will advise the vessel on traffic approaching Eighty-One Mile Point.

(3) All vessels getting underway between miles 167.5 and 187.9 must check-in with VTC New Orleans on VHF Channel 63A immediately prior to getting underway and must comply with the respective ascending and descending check-in and follow-on points listed in paragraphs (g)(1) and (g)(2) above.

(4) Fleet vessels must check-in with VTC New Orleans if they leave their respective fleet or if they move into the main channel. Fleet vessels are not required to check-in if they are operating exclusively within their fleet.
(FR 7/31/07) 43/07

COAST PILOT 5 35 Ed 2007 Change No. 14
LAST NM 43/07

Page 242—Paragraph 236, lines 3 to 7; read:
condominiums on the point and hotel. In November 2006, the reported approach depth was 6 feet. Launching ramps are available close ...
(DB 15142; DB 15144) 44/07

Page 313—Paragraph 54, lines 4 to 5; read:
daybeacons. In July 2007, the controlling depth was 5.2 feet (6.9 feet at midchannel) from the entrance in ...
(CL 1010/07) 44/07

Page 314—Paragraph 61, lines 6 to 8; read:
Island Channel to the mouth of Dog River. In June 2007, the controlling depth was 6.9 feet to the highway bridge across the mouth of ...
(CL 975/07) 44/07

Page 321—Paragraph 154, lines 4 to 6; read:
to an anchorage basin at Dauphin Island Village. In June 2007, the controlling depth in the entrance channel was 4.8 feet (7.0 feet at midchannel), thence 2.9 to 4.6 feet ...
(CL 974/07) 44/07

Page 327—Paragraph 221, line 10; read:
April 2007, 1.0 foot (1.7 feet at midchannel) to the ...
(CL 682/07) 44/07

Page 328—Paragraph 237, lines 12 to 14; read:
U.S. Route 90 highway bridge. In July-August 2007, the controlling depth was 8.0 feet (8.5 feet at midchannel) to Light 18, thence 9.1 feet (9.9 feet at midchannel) to the junction with the ...
(CL 1082/07) 44/07

Page 329—Paragraph 259, line 9; read:
in August 2007, 4.8 feet (8.9 feet at midchannel) to the seaway.
(CL 1082/07) 44/07

Page 330—Paragraph 271, lines 10 to 12; read:
vicinity of Three Rivers Road. In August 2007, the controlling depth was 7.4 feet (11.1 feet at midchannel) to Light 13, thence 3.1 feet (7.4 feet at midchannel) to the end of the project.
(CL 1082/07) 44/07

Page 336—Paragraph 330, lines 7 to 9; read:
and port are under development on the slip. In June 2007, the controlling depth in the channel was 6.2 feet (6.7 feet at midchannel), thence 6.7 feet in the slip. Private ...
(CL 977/07) 44/07

Page 336—Paragraph 331, lines 4 to 5; read:
for 1.6 miles to the mouth of the river. In June 2007, the controlling depth was 6.0 feet (6.4 feet at ...
(CL 1009/07) 44/07

Page 336—Paragraph 335, lines 3 to 4; read:
miles above the mouth of the river. In June 2007, the controlling depth was 4.8 feet (5.9 feet at midchannel).
(CL 1009/07) 44/07

Page 337—Paragraph 341, lines 9 to 12; read:
June 2007, the controlling depth was 6.8 feet to the turning basin just inside the mouth, thence 6.3 to 8.0 feet in the turning basin, thence 1.7 feet (4.8 feet at midchannel) about 600 feet from the mouth; thence ...
(CL 977/07) 44/07

Page 340—Paragraph 380, lines 4 to 6; read:
Bayou Eloi and the bar channel to deep water in **Lake Eloi**.
(36/07 CG8; LL/06) 44/07

Page 341—Paragraph 381, lines 7 to 8; read:
the channel across the bar.
(36/07 CG8; LL/06) 44/07

Page 505—Paragraph 405, line 10; read:
KQU-645. In August 2007, a fixed bridge with a design clearance of 73 feet was under construction and will replace

the pontoon drawbridge.
(CL 1004/07; 32/07 CG8) 44/07

COAST PILOT 5 35 Ed 2007 Change No. 15
LAST NM 44/07

Page 328—Paragraph 237, line 6; read:

August 2007, the controlling depth was 9.7 feet (11.0 ...
(CL 1140/07) 46/07

Page 502—Paragraph 375, line 4; read:

are in slips on each side of the waterway. The waterway through Rollover Bay is narrow and experiences strong currents and wind effects. Mariners should take into consideration the available horsepower, size and configuration of tow, and make every attempt to verify existing and forecasted conditions at the bay well prior to transiting this area.
(CL 1233/07) 46/07

Page 502—Paragraph 376, line 14; read:

channel. The waterway through Seivers Cove is narrow and experiences strong currents and wind effects from north winds. Mariners should take into consideration the available horsepower, size and configuration of tow, and make every attempt to verify existing and forecasted conditions at the bay well prior to transiting this area.
(CL 1233/07) 46/07

Page 502—Paragraph 378, lines 23 to 26; read:

Point. Ebb currents near Houston Ship Channel Lighted Buoy 26 and eastward toward the Bolivar area make the turn difficult, especially during winter months with north winds present; caution is advised. Mariners should verify current and wind conditions prior to transiting this area. Vessels attempting to transit this area during these conditions should consider available horsepower and utilization of assist vessels to prevent grounding on the south side of the channel in the vicinity of Bolivar Peninsula Light 19A. Houston Traffic also requests that all vessels proceeding northbound in the alternate route conduct a securite broadcast of their intentions prior to entering in the Houston Ship Channel. Mariners should verify the status of the alternate route aids to navigation at the Intracoastal Waterway/Bolivar Peninsula intersection prior to transiting this area; caution is advised. The channel to Texas ...
(CL 1233/07) 46/07

Page 503—Paragraph 380, line 3; read:

Galveston Bay from West Bay. The waterway cuts through the NW tip of Pelican Island at **Mile 351.5**. This area known as Pelican Cut is relatively narrow. The cut has several moorings buoys reported north of the channel to foster navigation safety; waiting weather prior to crossing or entering Houston Ship Channel or transiting Galveston bridges. Tows using these mooring buoys may further reduce the available navigable water. Mariners should use caution and make every attempt to determine the available sea room at the cut prior to transiting.
(CL 1233/07) 46/07

Page 503—Paragraph 382, line 9; read:

design clearance of 74 feet. Caution is advised when approaching the bridge from the east. The railroad bridge is narrow and the prevailing South East winds combined with flood currents can make the approach difficult for long tows or tows with empty barges. Mariners should use caution and make every attempt to verify conditions at the bridge prior to transit. The use of assist tugs should be considered prior to transiting the bridge from the east.
(CL 1233/07) 46/07

Page 504—Paragraph 396, lines 8 to 9; read:

of the floodgates. Heavy rains cause strong outgoing currents and eddies in the waterway between the east and west floodgates. Mariners should use caution and consider available horsepower, size and configuration of tow, vessel traffic, and the availability of sea room in order to obtain proper alignment into the floodgates prior to transiting the area. (Brazos River is described in chapter 11.)
(CL 1233/07) 46/07

Page 505—Paragraph 407, lines 3 to 4; read:

River. In July 2007, the controlling depth was 1.0 foot (9.0 feet at midchannel). Strong cross currents can develop on the waterway at the intersection with the Colorado River By-Pass Channel causing tow control and lock approach difficulty. Mariners should use caution and make every attempt to verify conditions at this area prior to transit.
(CL 1233/07; CL 920/07) 46/07

Page 505—Paragraph 409, line 8; read:

limited. Strong outgoing currents and eddies can develop in the waterway between the east and west locks. Mariners should use caution and consider available horsepower, size and configuration of tow, vessel traffic, and the availability of sea room in order to obtain proper alignment into the locks prior to transiting the area.
(CL 1233/07 46/07

Page 506—Paragraph 417, line 4; read:

O'Connor. All traffic is recommended to use the Alternate Route north of the waterway when crossing Matagorda Bay due to shoaling. Traffic should use extreme caution when crossing the Matagorda Ship Channel due to strong currents.

Openings are provided through the spoil ...
(CL 1233/07) 46/07

Page 545—Paragraph 620, line 9; read:

11 feet, with a surrounding depth of 27 feet. It lies ...
(41/07 CG7) 46/07

Page 559—Paragraph 111, line 3; read:

least depth of 28 feet surrounded by depths of 32 to 38 ...
(DD 9590; 42/07 CG7; NOS 25649) 46/07

COAST PILOT 5 35 Ed 2007 Change No. 16
LAST NM 46/07

Page 306—Paragraph 298, lines 15 to 20; read:

approach to the pass. In August 2007, the controlling depth was 3.9 feet (4.1 feet at midchannel) in the entrance channel to the intersection of the east and west channels, thence 4.2 feet (5.8 feet at midchannel) in the west channel leading to Terry and Johnson Coves, thence 2.5 feet in the east ...
(CL 1144/07) 47/07

Page 335—Paragraph 324, lines 6 to 7; read:

moles. In August 2007, the controlling depth was 7 feet in the entrance channel and 3.5 to 5.8 feet in the anchorage ...
(CL 1141/07) 47/07

Page 354—Paragraph 95, line 1; read:

The entrance approach is marked by a lighted bell buoy, 1.5 ...
(LL/07; NOS 11361) 47/07

Page 435—Paragraph 251, lines 4 to 5; read:

basin. In September 2007, the controlling depth was 40 feet in the canal and 39 to 40 feet in ...
(CL 1219/07) 47/07

Page 438—Paragraph 285, line 4; read:

August 2007, the controlling depth was 1 foot. The ...
(CL 1219/07) 47/07

Page 463—Paragraph 138, lines 6 to 8; read:

2007, the controlling depth in the entrance channel was 5.0 feet (7.0 feet at midchannel), thence 7.0 to 8.0 feet in the basin. In 1982, it was reported that ...
(CL 1219/07) 47/07

Page 463—Paragraph 142, lines 9 to 10; read:

concrete breakwater. In August 2007, the controlling depth in the entrance channel was 4.0 feet (9.0 feet at ...
(CL 1219/07) 47/07

COAST PILOT 5 35 Ed 2007 Change No. 17
LAST NM 47/07

Page 332—Paragraph 286, lines 2 to 3; read:

anywhere W of a line between Hewes Point and Ship Island Light and have rather smooth water. Deep-draft vessels …
(44/07 CG8; LL/07; NOS 11373) 48/07

Page 355—Paragraphs 96 to 98; strike out.
(43/07 CG8; LL/07; NOS 11354) 48/07

Page 497—Paragraph 292, lines 12 to 15; read:

Route, is permanently closed, and three fixed bridges 0.2 mile W of the lock have a least clearance of 13 feet, thence about 1.6 miles W of the fixed bridges is a fixed bridge with a least clearance of 7 feet; the overhead power cables over the bayou have a least clearance of 61 feet. (See 117.1 through 117.59 and …
(CL 1175/07; NOS 11354) 48/07

COAST PILOT 5 35 Ed 2007 Change No. 18
LAST NM 48/07

Page 470—Paragraph 255, line 18; read:

31 feet.
(CL 499/96; NOS 11309) 51/07

Page 499—Paragraph 325, lines 3 to 4; read:

vertical clearance of 73 feet. (See **117.1 through 117.59, and** …
(CL 1293/07; CL 1538/05) 51/07

COAST PILOT 6 37 Ed 2007 NEW EDITION
(NOS) 13/07

COAST PILOT 6 37 Ed 2007 Change No. 1
LAST NM 13/07

Page 174—Paragraph 113, lines 2 to 3; read:

are advanced 1 hour on the second Sunday of March and are set back to standard time on the first Sunday of November.
(CL 324/07) 18/07

Page 321—Paragraph 114, lines 4 to 8; read:

the CSX railroad bridge. In July 2004-October 2006, the controlling depth was 2.5 feet in the entrance channel to the head of the project. With local knowledge, depths of about 3 feet were available for another 0.75 mile, thence the river shoals to bare.
(DDs 7125-26; DDs 8120-23) 18/07

Page 326—Paragraph 173, lines 6 to 10; read:

piers by lights. In June 2004-September 2006, the controlling depths were 6.8 feet in the entrance and between the piers to about 0.8 mile above the outer ends of the piers, thence 2.8 feet to the head of the project at the bridge.
(DD 5391; DD 7106; DDs 8297-99) 18/07

Page 374—Paragraph 345, lines 1 to 3; read:

In August 2005-May 2006, the controlling depth was 9.1 feet in the entrance channel and between the piers and revetments to the head of the project (except for depths to 6.1 feet along the N edge of the channel about 700 feet above the pier heads.)

(DD 7560; DDs 7573-75) 18/07

COAST PILOT 6 37 Ed 2007 Change No. 2
LAST NM 18/07

Page 86—Paragraphs 914 to 915; read:

(c) Any person directly affected by the establishment of a safety zone or by an order or direction issued by, or on behalf of, a District Commander, or who receives an unfavorable ruling on an appeal taken under paragraph (b) of this section may appeal to the Area Commander through the District Commander. The appeal must be in writing, except as allowed under paragraph (e) of this section, and shall contain complete supporting documentation and evidence which the appellant wishes to have considered. Upon receipt of the appeal, the Area Commander may direct a representative to gather and submit documentation or other evidence which would be necessary or helpful to a resolution of the appeal. A copy of this documentation and evidence is made available to the appellant. The appellant is afforded five working days from the date of receipt to submit rebuttal materials. Following submission of all materials, the Area Commander issues a ruling, in writing, on the appeal. Prior to issuing the ruling, the Area Commander may, as a matter of discretion, allow oral presentation on the issues.

(d) Any person who receives an unfavorable ruling on an appeal taken under paragraph (c) of this section, may appeal through the Area Commander to the Assistant Commandant for Prevention (formerly known as the Assistant Commandant for Marine Safety, Security and Environmental Protection), U.S. Coast Guard, Washington, DC 20593. The appeal must be in writing, except as allowed under paragraph (e) of this section. The Area Commander forwards the appeal, all the documents and evidence which formed the record upon which the order or direction was issued or the ruling under paragraph (c) of this section was made, and any comments which might be relevant, to the Assistant Commandant for Prevention. A copy of this documentation and evidence is made available to the appellant. The appellant is afforded five working days from the date of receipt to submit rebuttal materials to the Assistant Commandant for Prevention. The decision of the Assistant Commandant for Prevention is based upon the materials submitted, without oral argument or presentation. The decision of the Assistant Commandant for Prevention is issued in writing and constitutes final agency action.

(FR 4/9/07) 19/07

COAST PILOT 6 37 Ed 2007 Change No. 3
LAST NM 19/07

Page 16—Paragraph 186, line 12; read:

80 or NGA Pub. 117. (**See Appendix A for a list of** ...

(47 CFR 80) 22/07

Page 351—Paragraph 60; read:

In April 2007, the controlling depths were 17.2 feet in the entrance channel to Round Lake (except for shoaling to 14.9 feet along the S edge of the entrance channel just off the end of the S pier), thence 16.1 feet in the dredged channel from Round Lake to Lake Charlevoix.

(DDs 9014-15) 22/07

Page 360—Paragraph 179, lines 4 to 5; read:

the lake. The pierheads are marked by lights. In April 2007, the controlling depth was 4 feet in the entrance ...

(DD 9008) 22/07

Page 360—Paragraph 191; read:

In October 2006-March 2007, the controlling depth was 14.2 feet in the entrance and through the river to Manistee Lake (except for shoaling to 13.4 feet just W of the end of the N pier.)

(DDs 8941-44) 22/07

Page 431—Paragraph 826; read:

A fixed bridge with a clearance of 16 feet crosses Kewaunee River about 0.4 mile above the mouth. Overhead power cables, 0.3 and 0.5 mile above the mouth have clearances of 46 and 28 feet, respectively.

(CL 497/07) 22/07

Page 21—Paragraph 347 to Page 23—Paragraph 368; read:

Emergency Position Indicating Radiobeacons (EPIRBs), are designed to save your life if you get into trouble by alerting rescue authorities and indicating your location. EPIRB types are described in the accompanying table.

EPIRB Types		
Type	Frequency	Description
Cat I	406/121.5 MHz	Float-free, automatically activated EPIRB. Detectable by satellite anywhere in the world. Recognized by the Global Maritime and Distress Safety System (GMDSS).
Cat II	406/121.5 MHz	Similar to Category I, except is manually activated. (Some models are also water activated).

406 MHz EPIRBs (Category I, II): The 406 MHz EPIRB was designed to operate with satellites. The signal frequency (406 MHz) has been designated internationally to be used only for distress. Other communications and interference are not allowed on this frequency. Its signal allows a satellite local user terminal to accurately locate the EPIRB and identify the vessel (the signal is encoded with the vessel's identity) anywhere in the world (there is no range limitation). These devices are detectable not only by COSPAS-SARSAT satellites which are polar orbiting, but also by geostationary GOES weather satellites. EPIRBs detected by the GEOSAR system, consisting of GOES and other geostationary satellites, send rescue authorities an instant alert, but without location information unless the EPIRB is equipped with an integral GPS receiver. EPIRBs detected by COSPAS-SARSAT (e.g. TIROS N) satellites provide rescue authorities location of distress, but location and sometimes alerting may be delayed as much as an hour or two. These EPIRBs also include a 121.5 MHz homing signal, allowing aircraft and rescue craft to quickly find the vessel in distress. These are the only type of EPIRB which must be certified by Coast Guard approved independent laboratories before they can be sold in the United States.

A new type of 406 MHz EPIRB, having an integral GPS navigation receiver, became available in 1998. This EPIRB will send accurate location as well as identification information to rescue authorities immediately upon activation through both geostationary (GEOSAR) and polar orbiting satellites. These types of EPIRB are the best you can buy.

406 MHz emergency locating transmitters (ELTs) for aircraft are currently available and 406 MHz personnel locating beacons (PLBs) are also available.

The Coast Guard recommends you purchase a 406 MHz EPIRB, preferably one with an integral GPS navigation receiver. A Cat I EPIRB should be purchased if it can be installed properly.

Proper registration of your 406 MHz EPIRB is intended to save your life, and is mandated by Federal Communications Commission regulations; the Coast Guard is enforcing this FCC registration rule.

If you purchase a new or a used 406 MHz EPIRB, you MUST register it with NOAA. If you change your boat, your address, or your primary phone number, you MUST re-register your EPIRB with NOAA. If you sell your EPIRB, make sure the purchaser re-registers the EPIRB, or you may be called by the Coast Guard if it later becomes activated. An FCC ship station license is no longer required to purchase or carry an EPIRB. Download or request 406 MHz EPIRB registration forms from www.sarsat.noaa.gov/beacon.html, and mail or fax completed forms to:

SARSAT Beacon Registration
E/SP3, Room 3320, FB-4
NOAA
5200 Auth Road
Suitland, MD 20746-4304

or call toll free at **1-888-212-SAVE** (1-888-212-7283) for further information or a copy of the registration form. From outside the U.S., call: 1-301-457-5430 or fax: 301-568-8649 for further information. Forms may be requested by phone or fax, or downloaded by computer (above). There is no charge for this service. IT MAY SAVE YOUR LIFE.

(47 CFR 80; 16/07 CG9; 14/07 CG9; DD 9023) 23/07

Page 478—Paragraph 108, lines 5 to 7; read:

mark the W limit of the basin. In September 2006, the basin had depths of 24 to 26 feet with lesser depths along the edge.

(DD 8491) 23/07

Page 482—Paragraph 161; read:

In 2001-September 2006, the controlling depths were 15.7 feet (24.4 feet at midchannel) in the entrance and through the mouth of the Portage River to the harbor fo Refuge; thence in September 2006, the harbor of refuge had depths of 20 to 25 feet (except for lesser depths along the W edge at the N and S ends of the mooring pier), thence the controlling depths in the river channel to Portage wee 20.5 feet (23.8 feet at midchannel).

(DD 2687; DDs 8415-22) 23/07

COAST PILOT 6 37 Ed 2007 Change No. 5
LAST NM 23/07

Page 72—Paragraphs 599 to 613; read:

(b) The draw of the Chessie Railroad Bridge, mile 254.1, at Seneca, Illinois, operates as follows:

(1) The draw is normally maintained in the fully open position, displaying green mid-channel lights to indicate the span is fully open.

(2) When a train approaches the bridge and the draw is in the open position, the train will stop, train operator shall walk out on the bridge and scan the river for approaching vessels.

(3) If a vessel is approaching the bridge, the draw will remain open. The vessel shall contact the train operator on VHF-FM channel 16 and the train operator shall keep the draw in the fully open position until the vessel has cleared the bridge.

(4) If no vessels are observed, the train operator initiates a five minute warning period on VHF-FM radio channel 16 before closing the bridge. The train operator will broadcast the following message: "The Chessie Railroad Bridge at Mile 254.1, Illinois River, will close to navigation in five minutes." The announcement is repeated every minute counting down the time remaining until closure.

(5) At the end of the five minute warning period, and if no vessels are approaching the bridge, the train operator shall sound the siren for 10 seconds, activate the alternate flashing red lights on top of the draw, then lower and lock the draw in place. Red lights shall continue to flash to indicate the draw is closed to navigation.

(6) After the train has cleared the bridge, the draw shall be raised to its full height and locked in place, the red flashing lights stopped, and the draw lights changed from red to green.

(FR 4/19/07) 33/07

Page 84—Paragraph 878, lines 1 to 2; read:

§151.1516 Compliance monitoring

(a) The master of each vessel equipped with ballast tanks shall provide, as detailed in 151.2040, the following ...

(FR 6/14/04; 33 CFR 151.1516) 33/07

Page 84—Paragraph 887; insert after:

§151.1518 Penalties for failure to conduct ballast water management.

(a) A person who violates this subpart is liable for a civil penalty in an amount not to exceed $27,500. Each day of a continuing violation constitutes a separate violation. A vessel operated in violation of the regulations is liable in rem for any civil penalty assessed under this subpart for that violation.

(b) A person who knowingly violates the regulations of this subpart is guilty of a class C felony.

(FR 6/14/04; 33 CFR 151.1518) 33/07

Page 167—Paragraph 20, lines 3 to 5; read:

entry into Snell Lock at Massena, NY. (See **33 CFR 151.1502 through 151.1518**, chapter 2, for limits and regulations.)

(33 CFR 151.1518) 33/07

Page 386—Paragraph 466, lines 3 to 5; read:

River and the towers of the lift bridge 0.5 mile above the mouth of the Calumet River are prominent. A spire, 1.1 miles NW of the river mouth is also prominent.

(CL 1601/06) 33/07

COAST PILOT 6 37 Ed 2007 Change No. 6

Page 205—Paragraph 151; read:

In March-April 2007, the controlling depth in the dredged channel was 0.4 foot; the boat launch ramp access channel had a depth of 7.8 feet with lesser depths to 5.2 feet in the NW corner.

(CL 752/07; DD 9338) 33/07

Page 242—Paragraph 310; read:

In April 2007, the controlling depths were 20 feet in the left half and 8 feet in the right half of the entrance channel to Fairport Harbor West Breakwater Light, thence 17.5 feet (20.7 feet at midchannel) through the outer harbor basin to the piers at the river's mouth (except for lesser depths to 12 feet along the edges of the channel), thence 14.5 feet (20 feet at midchannel) for about 0.7 mile above the mouth of the river, thence 8.5 feet to the upstream limit of the project; the turning basin had depths of 16 to 18 feet.

(CL 750/07; DD 9336) 33/07

Page 360—Paragraph 179, lines 4 to 5; read:

the lake. The pierheads are marked by lights. In June 2007, the controlling depth was 7.5 feet in the entrance ...

(DD 9353) 33/07

Page 360—Paragraph 182, lines 6 to 7; read:

2007, the controlling depth was 7.3 feet in the entrance channel (except for shoaling to 5.1 feet in the right half ...

(DD 9347) 33/07

Page 368—Paragraph 285; read:

In May-June 2007, the controlling depths were 20.7 feet in the entrance and between the piers to about 0.5 mile above the mouth, thence 15.3 feet (21 feet at midchannel) to about

1.4 miles above the mouth (except for shoaling to 7 feet along the W edge of the channel opposite the municipal marina and to 5.7 feet in the E side of the channel along the waterfront of the municipal marina), thence 18.1 feet in the left half and 7.5 feet in the right half of the channel to the railroad bridge at Ferrysburg; the turning basin had depths of 6 to 10 feet.
(DD 9332; DDs 9209-11) 33/07

Page 374—Paragraph 345, lines 1 to 3; read:

In 2005-May 2007, the controlling depths were 8 feet (10.2 feet at midchannel) in the entrance and between the piers and revetments to the head of the project.
(DD 9217; DDs 7573-75) 33/07

Page 475—Paragraph 64, lines 4 to 5; read:

ends of the breakwaters are marked by lights. In June 2007, the controlling depth was 4 feet in the entrance ...
(DD 9354) 33/07

Page 476—Paragraph 70, lines 5 to 8; read:

The channel is subject to extensive shoaling; in May 2007, the channel was shoal to bare in several places.
(DD 9212) 33/07

COAST PILOT 6 37 Ed 2007 Change No. 7
LAST NM 33/07

Page 92—Paragraph 1038, lines 4 to 5; read:

shall immediately notify the nearest Coast Guard Sector Office or Group Office. (Compliance with ...
(FR 7/2/07; DD 9393) 34/07

Page 125—Paragraph 1797, lines 4 to 5; read:

authorized by the U.S. Coast Guard Captain of the Port, Lake Michigan, or U.S. Secret Service. Other general ...
(FR 7/2/07; DD 9393) 34/07

Page 125—Paragraph 1811, line 7 to Paragraph 1812, line 1; read:

is prohibited at all times.

§165.910 Security Zones; Captain of the Port Lake Michigan.

(a) *Security Zones*. The following areas, defined ...
(FR 7/2/07; DD 9393) 34/07

Page 125—Paragraph 1815, line 10; read:

security zones. The Captain of the Port Lake Michigan will notify ...
(FR 7/2/07; DD 9393) 34/07

Page 125—Paragraph 1815, line 17; read:

Guard Sector Lake Michigan.
(FR 7/2/07; DD 9393) 34/07

Page 126—Paragraph 1839, line 3 to Paragraph 1840, line 1; read:

U.S.C. 1226.

§165.915 Security zones; Captain of the Port Detroit.

(a) *Security zones*. The following areas are security ...
(FR 7/2/07; DD 9393) 34/07

Page 126—Paragraph 1854, line 3; read:

authorized by the Coast Guard Captain of the Port Detroit ...
(FR 7/2/07; DD 9393) 34/07

Page 126—Paragraph 1855, line 3; read:

the Captain of the Port Detroit at telephone number ...
(FR 7/2/07; DD 9393) 34/07

Page 362—Paragraph 213, lines 1 to 2; read:

In April 2007, the controlling depths were 20.3 feet (24.8 feet at midchannel) in ...
(DDs 9053-54) 34/07

Page 378—Paragraph 386, line 8; read:

May 2007, the controlling depth was 5.2 feet through ...
(DD 8932) 34/07

Page 424—Paragraph 762; read:

In May 2007, the controlling depths were 14.3 feet in the right half and 2 feet in the left half of the entrance channel and through the S side of the basin to the mouth of the river; the N side of the basin had depths of 19 feet at the E end, gradually decreasing to 14 feet at the W end. From the river mouth, the river channel had a controlling depth of 2.2 feet (4.6 feet at midchannel) to the S. Eighth Street bridge, thence 3.1 feet to the head of the project.
(DDs 8934-35) 34/07

Page 431—Paragraph 834, lines 7 to 12; read:

main outer sections are marked by lights. In May 2006, the controlling depths were 8.7 feet in the entrance between the pier and breakwater to the basin, thence 5.3 feet through the mouth of the river to the Second Street bridge (except for lesser depths to 3.3 feet in the left half of channel 300 feet below the bridge.)
(DD 7556) 34/07

Page 450—Paragraph 1053, line 7; read:

May 2007, the controlling depth was 2.8 feet between ...
(DD 8931) 34/07

Page 486—Paragraph 213, lines 6 to 10; read:

is at the W pierhead light. In May 2007, the controlling depth was 15.3 feet in the entrance and between the piers to the bridge (except for lesser depths to 8.3 feet just below the bridge at the head of the ...
(DD 8933) 34/07

COAST PILOT 6 37 Ed 2007 Change No. 8

Page 205—Paragraph 158, line 5 to Paragraph 161; read:

2 miles above the mouth on the W side of the channel; the upper turning basin is no longer maintained. The outer ends of the entrance piers are marked by lights; mooring is only allowed on the lakeside of the piers. (See Notice to Mariners and latest editon of charts for controlling depths.)

Anchorages

(See **33 CFR 207.600,** chapter 2, for regulations concerning anchorage in this area.)
(NOS 14815; 33 CFR 207.600) 34/07

Page 387—Paragraph 487, lines 3 to 10; read:

Lakes Towing Co. and Calumet River Fleeting, respectively. Arrangements for the Great Lakes Towing Co. tugs are made through the dispatcher in Cleveland (800-321-3663) or via VHF-FM remote antenna. The Calumet River Fleeting dispatcher is in Chicago (773-721-1600) and has VHF-FM capability to a 25-mile radius. At least 3 hours advance notice is requested for either company.
(CL 1601/06) 34/07

Page 393—Paragraph 539, lines 3 to 8; read:

1,450-foot Sears Tower, 1.3 miles SW of the river mouth, is reported to be the tallest building in North America. Its top is usually obscured by any fog or inclement weather. The white 1,136-foot Aon Center Building is 0.5 mile SW of the river mouth. The dark brown trapezoidal 1,127-foot John Hancock Center 0.9 mile ...
(CL 1601/06) 34/07

Page 458—Paragraph 22, line 2; read:

River in **33 CFR 162.117(g)**, chapter 2, refer ...
(33 CFR 162.117) 34/07

Page 459—Paragraph 35, line 4 to Paragraph 36; read:

channel 12. Participation in the Service is mandatory for certain vessels.
(33 CFR 161) 34/07

Page 459—Paragraph 39, lines 6 to 7; read:

points are established as conditions dictate. (See **33 CFR 161.1 through 161.45**, chapter 2, for rules ...
(33 CFR 161) 34/07

Page 459—Paragraph 42; read:

De Tour Reef, a rocky ledge covered 11 feet, is 0.7 mile SE of **Point De Tour** on the W side of the entrance to De Tour Passage. **De Tour Reef Light** (45°56'54"N., 83°54'12"W.), 74 feet above the water, is shown from a white square tower on a concrete crib on De Tour Reef; a seasonal fog signal and radar beacon (Racon) are at the light.
(LL/06; NOS 14882) 34/07

Page 459—Paragraph 45, line 1; read:

Frying Pan Shoal, boulders covered 19 feet, extends ...
(NOS 14882) 34/07

Page 460—Paragraph 50, line 2; read:

1.4 miles N of Pipe Island. Detached 17 and 21-foot ...
(NOS 14882) 34/07

Page 460—Paragraph 53, lines 5 to 6; read:

Lime Island. The wharf, marked by lights on the N and S ends, has a least depth of about 17 feet along the upper ...
(LL/06; NOS 14882) 34/07

Page 467—Paragraph 152, line 1; read:

Point Iroquois Shoals, with a least depth of 17 feet.
(NOS 14884) 34/07

COAST PILOT 6 37 Ed 2007 Change No. 9
LAST NM 34/07

Page 267—Paragraph 603, lines 5 to 15; read:

lighted and unlighted buoys and a **291.8º** lighted range. In June 2007, the controlling depths were 17.6 feet at mid-channel, 8 feet in the right outside quarter, and 13.7 feet in the left outside quarter of the entrance channel from Lake Erie to the mouth of the river, thence 15.9 feet in the river channel to the turning basin (except for shoaling to 14 feet in the right outside quarter of the channel opposite the DTE Energy Co. Wharf and gradual shoaling to 7 feet at the head of the project), thence depths of 14 to 17 feet were available in the basin with lesser depths to 9 feet in the NW corner.
(DDs 9438-45; LL/06) 37/07

Page 317—Paragraph 54, lines 5 to 8; read:

the breakwaters. In July 2007, the controlling depths was 3.6 feet in the entrance channel to the basin, thence depths of 6 to 8 feet available in the basin with lesser depths along the E and N edges.
(DD 9478) 37/07

Page 327—Paragraph 187, line 4; read:

July 2007, the controlling depth was 11.1 feet in the ...
(DD 9480) 37/07

Page 364—Paragraph 238, lines 6 to 7; read:

is subject to extensive shoaling. In April 2007, the controlling depth was 8.5 feet between the piers and revetments ...
(DD 9456) 37/07

Page 413—Paragraph 651, lines 7 to 10; read:

In July 2007, the controlling depths were 6.8 feet in the entrance channel to the basin, thence depths of 22 to 24 feet were available in the basin with lesser depths along the W side, thence 10.2 feet to the 50th Street bridge.
(DDs 9476-77) 37/07

Page 427—Paragraph 780, lines 8 to 16; read:

marked by lights. In June 2007, the controlling depths were 16.2 feet in the entrance, through the harbor, and in the river channel to the first railroad bridge about 0.9 mile above the mouth (except for shoaling to 12.7 feet along the S edge of the harbor channel and to 10.1 feet in a large area of the NW corner of the harbor), thence 11.8 feet to the head of the project.
(DDs 9434-36) 37/07

Page 427—Paragraph 781, lines 6 to 10; read:

by a light and a daybeacon. In June 2007, the controlling depth was 9.5 feet with lesser depths to 7 feet along the edges of the entrance channel, thence depths of 9 to 10 feet were available in the basin and channel E of the docking piers (except for shoaling to 3 feet at the N end of the E channel.)
(DD 9434; DD 9437) 37/07

Page 478—Paragraph 108, lines 5 to 7; read:

mark the W limit of the basin. In July 2007, the basin had depths of 24 to 26 feet with lesser depths along the edges.
(DD 9479) 37/07

Page 479—Paragraph 121, lines 6 to 8; read:

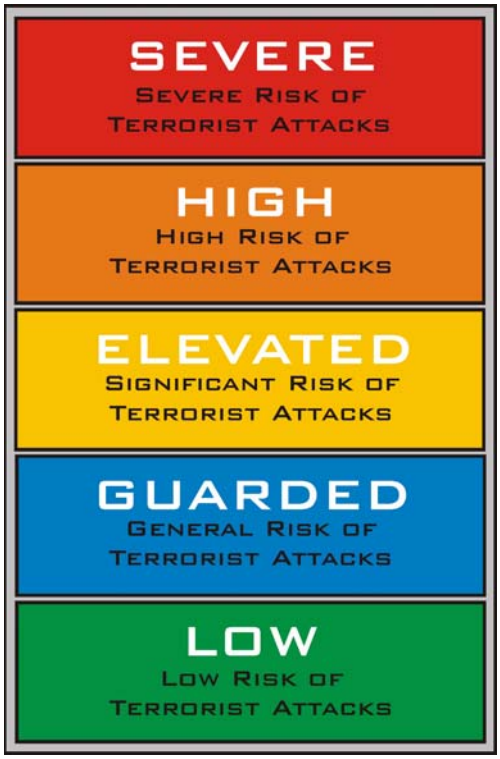
side of the basin. In July 2007, a depth of 29 feet was available in the approach to the basin, thence depths of 24 to 28 feet were available in the basin (except for lesser depths to 21 feet in the NW corner.)
(DD 9447) 37/07

COAST PILOT 6 37 Ed 2007 Change No. 10
LAST NM 37/07

Page 35—Paragraph 485; insert after:

Homeland Security Advisory System

The Homeland Security Advisory System is a comprehensive and effective means to disseminate information regarding the risk of terrorist acts to Federal, State, and local authorities and to the American people. The system is designed to guide our protective measures when specific information to a particular sector or geographic region is received. It combines threat information with vulnerability assessments and provides communications to public safety officials and the public. This communication is achieved through threat advisories, information bulletins, and a color-coded threat level system (shown below).



U.S. Coast Guard Maritime Security (MARSEC) Levels

The U.S. Coast Guard has a three-tiered system of Maritime Security (MARSEC) Levels consistent with the Department of Homeland Security's Homeland Security Advisory System (HSAS). MARSEC levels are designed to provide a means to easily communicate pre-planned scalable responses to increased threat levels. The Commandant of the U.S. Coast Guard sets MARSEC levels commensurate with the HSAS. Because of the unique nature of the maritime industry, the HSAS threat conditions and MARSEC levels will align closely, though they will not directly correlate.

MARSEC Level 1 – the level for which minimum appropriate security measures shall be maintained at all times. MARSEC 1 generally applies when HSAS Threat Condition Green, Blue, or Yellow are set.

MARSEC Level 2 – the level for which appropriate additional protective security measures shall be maintained for a period of time as a result of heightened risk of a trans-

portation security incident. MARSEC 2 generally corresponds to HSAS Threat Condition Orange.

MARSEC Level 3 – the level for which further specific protective security measures shall be maintained for a limited period of time when a transportation security incident is probable, imminent, or has occurred, although it may not be possible to identify the specific target. MARSEC 3 generally corresponds to HSAS Threat Condition Red.

(DD 9607; DD 9608) 41/07

COAST PILOT 6 37 Ed 2007 Change No. 11
LAST NM 41/07

Page 96 to Page 97; replace table with below:

TABLE 161.12(c)-VTS and VMRS Centers, Call Signs/MMSI, Designated Frequencies, and Monitoring Areas

Center MMSI[1] Call Sign	Designated frequency (Channel designation)-purpose[2]	Monitoring Area [3, 4]
Berwick Bay 003669950 *Berwick Traffic*	156.550 MHz (Ch. 11)	The waters south of 29°45' N., west of 91°10' W., north of 29°37' N., and east of 91°18' W.
Buzzards Bay *Buzzards Bay Control[5]*	156.600 MHz (Ch. 12)	The waters east and north of a line drawn from the southern tangent of Sakonnet Point, Rhode Island, in approximate position 41°27.2'N, 70°11.7'W to Buzzards Bay Entrance Light in approximate position 41°23.5'N, 71°02.0'W, and then to the southwestern tangent of Cuttyhunk Island, Massachusetts, at approximate position 41°24.6'N, 70°57.0'W, and including all of the Cape Cod Canal to its eastern entrance, except that the area of New Bedford harbor within the confines (north of) the hurricane barrier, and the passages through the Elizabeth Islands, is not considered to be "Buzzards Bay".
Houston-Galveston 003669954		The navigable waters north of 29° N., west of 94°20' W., south of 29°49' N., and east of 95°20' W.
Houston Traffic	156.550 MHz (Ch. 11) 156.250 MHz (Ch. 5A) - for sailing plans only	The navigable waters north of a line extending due west from the southern most end of Exxon Dock #1 (20°43.37' N., 95°01.27' W.)
Houston Traffic	156.600 MHz (Ch. 12) 156.250 MHz (Ch. 5A) - for sailing plans only	The navigable waters south of a line extending due west from the southern most end of Exxon Dock #1 (29°43.37' N., 95°01.27' W.)
Los Angeles/Long Beach: MMSI/To be determined *San Pedro Traffic*	156.700 MHz (Ch. 14)	Vessel Movement Reporting System Area: The navigable waters within a 25 nautical mile radius of Point Fermin Light (33°42.3' N., 118°17.6' W.)
Louisville: Not applicable *Louisville Traffic*	156.650 MHz (Ch. 13)	The waters of the Ohio River between McAlpine Locks (Mile 606) and Twelve Mile Island (Mile 593), only when the McAlpine upper pool gauge is at approximately 13.0 feet or above.

Lower Mississippi River[6] **0036699952** *New Orleans Traffic*	156.700 MHz (Ch. 14)	The navigable waters of the Lower Mississippi River below 30°38.7'N., 91°17.5'W. (Port Hudson Light at 255 miles Above Head of Passes (AHP)), the Southwest Pass, and, within a 12 nautical miles radius around 28°54.3'N., 89°25.7'W. (Southwest Pass Entrance Light at 19.9 miles Below Head of Passes).
New Orleans Traffic	156.600 MHz (Ch. 12)	New Orleans Sector. The navigable waters of the Lower Mississippi River bounded on the north by a line drawn perpendicularly at 29°56.4'N., 90°08.36'W. and on the south by a line drawn perpendicularly at 29°56.24'N., 89°59.86'W. (88 and 106 miles AHP).
New York 003669951 *New York Traffic*	156.550 MHz (Ch. 11) - For Sailing plans only 156.600 MHz (Ch. 12) - For vessels at anchor	The area consists of the navigable waters of the Lower New York Bay bounded on the east by a line drawn from Norton Point to Breezy Point; on the south by a line connecting the entrance buoys at the Ambrose Channel, Swash Channel, and Sandy Hook Channel to Sandy Hook Point; and on the southeast including the waters of Sandy Hook Bay south to a line drawn at 40° 25'N; then west in the Raritan Bay to the Raritan River Railroad Bridge, then north into waters of the Arthur Kill and Newark Bay to the Lehigh Valley Draw Bridge at 40° 41.9'N; and then east including the waters of the Kill Van Kull and the Upper New York Bay north to a line drawn east-west from the Holland Tunnel ventilator shaft at 40° 43.7'N, 74° 01.6'W, in the Hudson River; and then continuing east including the waters of the East River to the Throgs Neck Bridge, excluding the Harlem River.
New York Traffic	156.700 MHz (Ch. 14)	The navigable waters of the Lower New York Bay west of a line drawn from Norton Point to Breezy Point; and north of a line connecting the entrance buoys of Ambrose Channel, Swash Channel, and Sandy Hook Channel, to Sandy Hook Point; on the southeast including the waters of the Sandy Hook Bay south to a line drawn at latitude 40° 25'N; then west into the waters of Raritan Bay East Reach to a line drawn from Great Kills Light south through Raritan Bay East Reach LGB #14 to Comfort PT, NJ; then north including the waters of the Upper New York Bay south of 40° 42.40'N (Brooklyn Bridge) and 40° 43.70'N (Holland Tunnel Ventilator Shaft); west through the KVK into the Arthur Kill north of 40° 38.25'N (Arthur Kill Railroad Bridge); then north into the waters of the Newark Bay, south of 40° 41.95'N (Lehigh Valley Draw Bridge).

New York Traffic	156.600 MHz (Ch. 12)	The navigable waters of the Raritan Bay south to a line drawn at 40° 26'N; then west of a line drawn from Great Kills Light south through the Raritan Bay East Reach LGB #14 to Point Comfort, NJ; then west to the Raritan River Railroad Bridge; and north including the waters of the Arthur Kill to 40° 28.25'N. (Arthur Kill Railroad Bridge); including the waters of the East River north of 40° 42.40'N (Brooklyn Bridge) to the Throgs Neck Bridge, excluding the Harlem River.
Port Authur[6] 003669955 *Sabine Traffic*	(to be determined)	The navigable waters south of 30°10'N., east of 94°20'W., west of 93°22'W., and, north of 29°10'N.
Prince William Sound 003669958 *Valdez Traffic*	156.650 MHz (Ch. 13)	The navigable waters south of 61°05'N., east of 147°20'W., north of 60° N., and west of 146°30'W.; and, all navigable waters in Port Valdez.
Puget Sound[7] *Seattle Traffic 003669957*	156.700 MHz (Ch. 14)	The waters of Puget Sound, Hood Canal and adjacent waters south of a line connecting Marrowstone Point and Lagoon Point in Admiralty Inlet and south of a line drawn due east from the southernmost tip of Possession Point on Whidbey Island to the shoreline.
Seattle Traffic 003669957	156.250 MHz (Ch. 5A)	The waters of the Strait of Juan de Fuca east of 124°40'W. excluding the waters in the central portion of the Strait of Juan de Fuca north and east of Race Rocks; the navigable waters of the Strait of Georgia east of 122°52'W.; the San Juan Island Archipelago, Rosario Strait, Bellingham Bay; Admiralty Inlet north of a line connecting Marrowstone Point and Lagoon Point and all waters east of Whidbey Island North of a line drawn due east from the southernmost tip of Possession Point on Whidbey Island to the shoreline.
Tofino Traffic 003160012	156.725 MHz (Ch. 74)	The waters west of 124°40'W. within 50 nautical miles of the coast of Vancouver Island including the waters north of 48° N., and east of 127° W.
Victoria Traffic 003160010	156.550 MHz (Ch. 11)	The waters of the Strait of Georgia west of 122°52'W., the navigable waters of the central Strait of Juan de Fuca north and east of Race Rocks, including the Gulf Island Archipelago, Boundary Pass and Haro Strait.
San Francisco 003669956 *San Francisco Traffic*	156.700 MHz (Ch. 14)	The navigable waters of the San Francisco Offshore Precautionary Area, the navigable waters shoreward of the San Francisco Offshore Precautionary Area east of 122°42.0'W. and north of 37°40.0'N. extending eastward through the Golden Gate, and the navigable waters of San Francisco Bay and as far east as the port of Stockton on the San Joaquin River, as far north as the port of Sacramento on the Sacramento River.

San Francisco Traffic	156.600 MHz (Ch. 12)	The navigable waters within a 38 nautical mile radius of Mount Tamalpais (37°55.8'N., 122°34.6'W.) west of 122°42.0'W. and south of 37°40.0'N and excluding the San Francisco Offshore Precautionary Area.
St. Marys River 003669953 Soo Traffic	156.600 MHz (Ch. 12)	The waters of the St. Marys River between 45°57'N. (De Tour Reef Light) and 46°38.7'N. (lle Parisienne Light), except the St. Marys Falls Canal and those navigable waters east of a line from 46°04.16'N. and 46°01.57'N. (La Pointe to Sims Point in Potagannissing Bay and Worsley Bay).

Notes:

[1] Maritime Mobile Service Identifier (MMSI) is a unique nine-digit number assigned that identifies ship stations, ship earth stations, coast stations, coast earth stations, and group calls for use by a digital selective calling (DSC) radio, an INMARSAT ship earth station or AIS. AIS requirements are set forth in §§161.21 and 164.46 of this subchapter. The requirements set forth in §§161.21 and 164.46 of this subchapter apply in those areas denoted with a MMSI number.

[2] In the event of a communication failure, difficulties or other safety factors, the Center may direct or permit a user to monitor and report on any other designated monitoring frequency or the bridge-to-bridge navigational frequency, 156.650 MHz (Channel 13) or 156.375 MHz (Ch. 67), to the extent that doing so provides a level of safety beyond that provided by other means. The bridge-to-bridge navigational frequency, 156.650 MHz (Ch. 13), is used in certain monitoring areas where the level of reporting does not warrant a designated frequency.

[3] All geographic coordinates (latitude and longitude) are expressed in North American Datum of 1983 (NAD 83).

[4] Some monitoring areas extend beyond navigable waters. Although not required, users are strongly encouraged to maintain a listening watch on the designated monitoring frequency in these areas. Otherwise, they are required to maintain watch as stated in 47 CFR 80.148.

[5] In addition to the vessels denoted in Section 161.16 of this chapter, requirements set forth in subpart B of this chapter also apply to any vessel transiting VMRS Buzzards Bay when equipped with a bridge-to-bridge radiotelephone as defined in part 26 of this chapter.

[6] Until rules regarding VTS Lower Mississippi River and VTS Port Arthur are published, vessels are exempted of all VTS and VMRS requirements set forth in 33 CFR part 161, except those set forth in §§161.21 and 164.46 of this subchapter.

[7] A Cooperative Vessel Traffic Service was established by the United States and Canada within adjoining waters. The appropriate Center administers the rules issued by both nations; however, enforces only its own set of rules within its jurisdiction. Note, the bridge-to-bridge navigational frequency, 156.650 MHz (Ch. 13), is not so designated in Canadian waters, therefore users are encouraged and permitted to make passing arrangements on the designated monitoring frequencies.

(FR 8/30/07) 43/07

COAST PILOT 6 37 Ed 2007 Change No. 12
LAST NM 43/07

Page 167—Paragraph 13, lines 21 to 22; read:

content, refer to the Annual Edition of Radio Aids to Marine Navigation–Atlantic, St. Lawrence, Great Lakes, Lake Winnipeg and Eastern Arctic.)

(DD 9743; CRA-AGL, 4/1/07) 45/07

Page 313—Paragraph 10, lines 5 to 6; read:

Annual Edition of Radio Aids to Marine Navigation–Atlantic, St. Lawrence, Great Lakes, Lake Winnipeg and Eastern Arctic for complete information.)

(DD 9743; CRA-AGL, 4/1/07) 45/07

Page 343—Paragraph 389; read:

For a description of the E and N shores of Lake Huron, see **Canadian Sailing Directions CEN305**. Descriptions of Georgian Bay and North Channel are contained in **CEN306** and **CEN307**, respectively.

(DD 9743; CSD-305/01; CSD-306/01; CSD-307/01) 45/07

Page 400—Paragraph 580; read:

Repairs

There are no facilities available for repairing, dry-docking, or hauling out large, deep-draft vessels in Chicago Harbor. The nearest such facilities are located at Sturgeon Bay, Wisconsin.

(CL 1601/06) 45/07

Page 457—Paragraph 4, lines 3 to 4; read:

Marys River see **Canadian Sailing Directions CEN305**.

(DD 9743; CSD 305/01) 45/07

Page 465—Paragraph 112, lines 3 to 5; read:

Canadian Sailing Directions CEN305, for additional information.)

(DD 9743; CSD-305/01) 45/07

Page 466—Paragraph 127, lines 2 to 3; read:

Canadian Sailing Directions CEN305, Chapter 3, St. Marys River. It is to be noted that the units ...

(DD 9743; CSD-305/01) 45/07

Page 507—Paragraph 473, lines 7 to 8; read:

consult **Canadian Sailing Directions CEN305**.

(DD 9743; CSD-305/01) 45/07

Page 515—Paragraph 49, lines 4 to 5; read:

the N end of the N breakwater.

(40/07 CG1; LL/06) 45/07

COAST PILOT 6 37 Ed 2007 Change No. 13
LAST NM 45/07

Page 317—Paragraph 60, lines 7 to 10; read:

July 2007, the controlling depth was 7 feet in the entrance channel and between the breakwaters to the basin, thence depths of 8 to 10 feet were available in the N part and 5 to 6 feet in the S part of the basin.

(DD 9593) 52/07

Page 327—Paragraph 179; read:

At **Alabaster, Mich.**, 9.5 miles N of Point Lookout, is the former site of a 6,800-foot aerial tramway operated by the United States Gypsum Co. In 2006, the towers and cables of the tramway were dismantled and all that remains are eight tower bases and the offshore wharf. The wharf is marked by a private **270°** lighted range.

(CL 1351/07) 52/07

Page 359—Paragraph 167; read:

In October 2005, the controlling depth was 22 feet in the entrance, through the outer basin and between the piers to the inner basin (except for lesser depths to 18.7 feet along the edges of the channel at the entrance and shoaling to 14.9 feet in the right outside quarter of the entrance channel in the vicinity of the outer end of the S breakwater); the areas N and S of the entrance channel in the outer basin had a depth of 20 feet (except for lesser depths to 13.9 feet along the E edge of the N area and to 15.1 feet along the SW and E edges of the S area.) In October 2003, depths of 16 to 18 feet were available in the inner basin (except for lesser depths to 12.7 feet in the NW corner and to 13.4 feet in the NE corner), thence 9.9 feet in the anchorage area.

(DD 6989) 52/07

Page 396—Paragraphs 573 to 577; read:

Wharves

The principal use of Chicago Harbor is by barges which reach the port from the Mississippi River via the Illinois Waterway. There are several facilities for barges in the harbor. (For complete information on the port facilities, refer to Port Series No. 46, published and sold by the U.S. Army Corps of Engineers. See Appendix A for address.)

Morton Salt, Elston Avenue Wharf: W side of North Branch, 0.25 mile below North Avenue turning basin; 532-foot face; 14 to 18 feet alongside; deck height, 8 to 12 feet; warehouse storage for 25,000 tons of salt; receipt of salt; owned and operated by Morton Salt Co.

(CL 1601/06) 52/07

Page 432—Paragraph 852, line 8; read:

and 117.1101, chapter 2, for drawbridge regulations.) In 2006, a bascule bridge was under construction about 700 feet SE of the Michigan Street bridge with a design clearance of 25 feet at the center.

(CL 303/07) 52/07

Page 439—Paragraph 940, lines 1 to 11; read:

In May-September 2007, the controlling depths were 18.8 feet (22.4 feet at midchannel) in the entrance channel through the S end of Green Bay to the mouth of the Fox River. A large shoal area, the S tip of Long Tail Point encroaching into the channel, is in the right half of the channel between Lighted Buoy 16A and Inner Range Front Light and has a least depth of 2.5 feet. From the mouth of the Fox River, the controlling depth in the river channel was 19.7 (23.0 feet at midchannel) to the Wisconsin Central railroad bridge; thence in October 2005-September 2007, 14.7 feet (20.0 feet at mid-channel) to the second turning basin just …

(LL/07; DDs 9910-24; DD 7040) 52/07

Page 487—Paragraph 222, lines 6 to 7; read:

marked by a buoy. In September 2006, the controlling depth was 4 feet in the entrance and between the breakwaters …

(DD 8141) 52/07

Page 487—Paragraph 227, lines 4 to 8; read:

breakwaters are marked by lights. In 2005-September 2006, the controlling depth was 6.2 feet in the entrance channel to the inner basin, thence depths of 4 to 7 feet were available in the basin, thence 7.4 feet in the inner harbor channel.

(DD 8143) 52/07

Page 503—Paragraph 414, lines 7 to 8; read:

2004, the main harbor basin had depths of 14 to 16 feet, thence depths of 6 to 8 feet were available in the …

(DD 7090) 52/07

COAST PILOT 6 37 Ed 2007 Change No. 14
LAST NM 52/07

Page 235—Paragraph 197, lines 7 to 11; read:

marked by buoys. (See Notice to Mariners and the latest edition of the chart for controlling depths.)

(NOS 14823) 2/08

Page 235—Paragraph 198, lines 5 to 12; read:

breakwaters; the breakwaters are marked by lights. In May-July 2007, the controlling depths were 5.4 feet in the access channel along the E side of the Municipal Pier, thence 1.2 feet in the channel just S of the E breakwater; the access channel and channel just S of the breakwater to the W of the Municipal Pier had a controlling depth of 1.8 feet.

(CL 1215/07; DD 9740) 2/08

Page 321—Paragraph 122, lines 2 to 12; read:

entrance channel to the mouth of the river, thence 26 feet through the mouth, thence 25 feet to the Canadian National Railroad bridge at Bay City, thence 22 feet to the CSX railroad bridge in Saginaw. Four turning basins in the river have project depths as follows: 25 feet at Essexville, 22 feet in Bay City opposite the airport, 20 feet at Carrollton, and 20 feet just below the CSX railroad bridge at Sixth Street in Saginaw.

(DD 10038; CL 1350/07;
CEM Detroit/82; NOS 14863) 2/08

Page 372—Paragraphs 327 to 328; read:

In April 2006, the controlling depths were 20.4 feet in the entrance and through the outer basin to Lake Macatawa (except for lesser depths to 16 feet along the edges of the channel); thence in September 2006-October 2007, 19.1 feet to Superior Point, thence 17 feet (19.7 feet at midchannel) to the head of the project (except for shoaling to 15.8 feet along the N side of the channel between Buoy 9 and Buoy 11), thence depths of 17 to 18 feet were available in the basin.

(DD 7428; DD 8399; DDs 9710-11;
DDs 9815-19; NOS 14932) 2/08

Page 374—Paragraph 345, lines 1 to 3; read:

In May-September 2007, the controlling depths were 7.6 feet in the entrance and between the piers and revetments to Buoy 4, thence 11.3 feet to the head of the project.

(DD 9217; DDs 9692-94; LL/07) 2/08

Page 447—Paragraph 1013, lines 4 to 7; read:

marked by private lighted buoys. In September 2007, the controlling depth was 4.3 feet in the entrance channel and through the river to the head of the project (except for shoaling to 2.8 feet along the N side of the channel between …

(DDs 9934-35) 2/08

COAST PILOT 7 40 Ed 2008 NEW EDITION
(NOS) 01/08

COAST PILOT 8 29 Ed 2007 NEW EDITION
(NOS) 35/07

COAST PILOT 8 29 Ed 2007 Change No. 1
LAST NM 35/07

Page 64—Paragraph 482, lines 4 to 5; read:

shall immediately notify the nearest Coast Guard Sector Office or Group Office. (Compliance with ...

(FR 7/2/07; DD 9393) 36/07

Page 74—Paragraph 625, line 5; read:

Officer, Sector Office, Juneau, Alaska is located ...

(FR 7/2/07; DD 9393) 36/07

Page 129—Paragraph 6, lines 2 to 3; read:

with a depth of 13.9 fathoms (25.4 m) in 53º17'58"N., 135º 39'02"W.

(H 10996) 36/07

Page 130—Paragraph 24, line 1; read:

Cape Muzon Light (54º39'54"N., 132º41'34"W.), 80 ...

(28/07 CG17) 36/07

Page 133—Paragraph 72, line 3; read:

(54º46'49"N., 130º47'58"W.), 38 feet (11.6 m) above the ...

(28/07 CG17) 36/07

Page 261—Paragraph 44, line 1; read:

Portage Bay Light 3 (57º00'15"N., 133º19'32"W.), 16 ...

(28/07 CG17) 36/07

Page 304—Paragraph 178, line 7; read:

1.5 miles within the entrance. A 2-fathom shoal is about 0.6 mile NW of the wooded island in about 57º19'50"N., 134º32'47"W.

(CL 689/07) 36/07

COAST PILOT 8 29 Ed 2007 Change No. 2
LAST NM 36/07

Page 194—Paragraph 511, line 7; read:

132°22'12"W.); the light is 13 feet (4.0 m) above the water ...
(32/07 CG17) 37/07

Page 306—Paragraph 210, line 6; read:

Daybeacon 6, about 1.4 miles above the mouth, at high water ...
(NOS 17339; LL/06) 37/07

Page 307—Paragraph 218; read:

The southernmost arm of Kootznahoo Inlet leading to Favorite Bay has an area of several rocks that bare at the NW end near **Sullivan Point**; there are passages to the NE and SW of this rocky area. A rocky ledge, with a daybeacon at the outer end, is on the W side of the arm 0.3 mile W of Sullivan Point. A rock is at midchannel near the NW end of Favorite Bay.
(NOS 17339; LL/06) 37/07

Page 382—Paragraph 240, line 3; read:

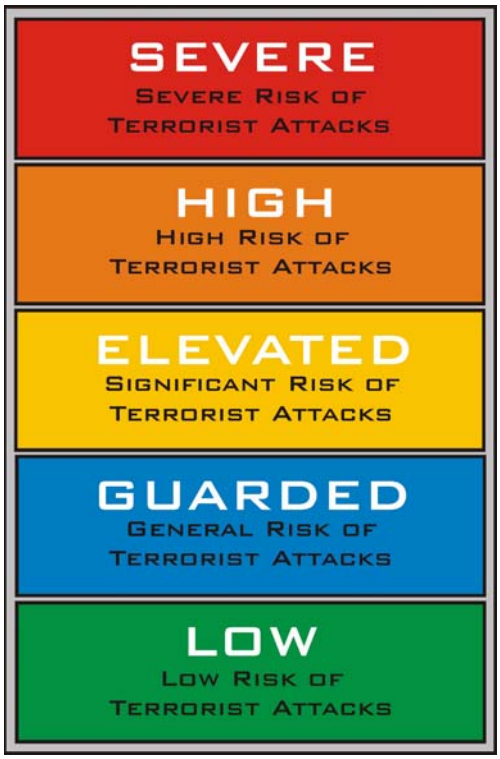
(58°07'59"N., 135°16'11"W.), 30 feet (9.1 m) above the ...
(32/07 CG17) 37/07

COAST PILOT 8 29 Ed 2007 Change No. 3
LAST NM 37/07

Page 33—Paragraph 466; insert after:

Homeland Security Advisory System

The **Homeland Security Advisory System** is a comprehensive and effective means to disseminate information regarding the risk of terrorist acts to Federal, State, and local authorities and to the American people. The system is designed to guide our protective measures when specific information to a particular sector or geographic region is received. It combines threat information with vulnerability assessments and provides communications to public safety officials and the public. This communication is achieved through threat advisories, information bulletins, and a color-coded threat level system (shown below).



U.S. Coast Guard Maritime Security (MARSEC) Levels

The U.S. Coast Guard has a three-tiered system of Maritime Security (MARSEC) Levels consistent with the Department of Homeland Security's Homeland Security Advisory System (HSAS). MARSEC levels are designed to provide a means to easily communicate pre-planned scalable responses to increased threat levels. The Commandant of the U.S. Coast Guard sets MARSEC levels commensurate with the HSAS. Because of the unique nature of the maritime industry, the HSAS threat conditions and MARSEC levels will align closely, though they will not directly correlate.

MARSEC Level 1 – the level for which minimum appropriate security measures shall be maintained at all times. MARSEC 1 generally applies when HSAS Threat Condition Green, Blue, or Yellow are set.

MARSEC Level 2 – the level for which appropriate additional protective security measures shall be maintained for a period of time as a result of heightened risk of a transportation security incident. MARSEC 2 generally corresponds to HSAS Threat Condition Orange.

MARSEC Level 3 – the level for which further specific protective security measures shall be maintained for a limited period of time when a transportation security incident is probable, imminent, or has occurred, although it may not be possible to identify the specific target. MARSEC 3 generally corresponds to HSAS Threat Condition Red.
(DD 9607; DD 9608) 43/07

COAST PILOT 8 29 Ed 2007 Change No. 4

Page 67 to Page 69; replace table with below:

TABLE 161.12(c)-VTS and VMRS Centers, Call Signs/MMSI, Designated Frequencies, and Monitoring Areas		
Center MMSI[1] Call Sign	**Designated frequency (Channel designation)-purpose[2]**	**Monitoring Area [3, 4]**
Berwick Bay 003669950 *Berwick Traffic*	156.550 MHz (Ch. 11)	The waters south of 29°45' N., west of 91°10' W., north of 29°37' N., and east of 91°18' W.
Buzzards Bay *Buzzards Bay Control[5]*	156.600 MHz (Ch. 12)	The waters east and north of a line drawn from the southern tangent of Sakonnet Point, Rhode Island, in approximate position 41°27.2'N, 70°11.7'W to Buzzards Bay Entrance Light in approximate position 41°23.5'N, 71°02.0'W, and then to the southwestern tangent of Cuttyhunk Island, Massachusetts, at approximate position 41°24.6'N, 70°57.0'W, and including all of the Cape Cod Canal to its eastern entrance, except that the area of New Bedford harbor within the confines (north of) the hurricane barrier, and the passages through the Elizabeth Islands, is not considered to be "Buzzards Bay".
Houston-Galveston 003669954		The navigable waters north of 29° N., west of 94°20' W., south of 29°49' N., and east of 95°20' W.
Houston Traffic	156.550 MHz (Ch. 11) 156.250 MHz (Ch. 5A) - for sailing plans only	The navigable waters north of a line extending due west from the southern most end of Exxon Dock #1 (20°43.37' N., 95°01.27' W.)
Houston Traffic	156.600 MHz (Ch. 12) 156.250 MHz (Ch. 5A) - for sailing plans only	The navigable waters south of a line extending due west from the southern most end of Exxon Dock #1 (29°43.37' N., 95°01.27' W.)
Los Angeles/Long Beach: MMSI/To be determined *San Pedro Traffic*	156.700 MHz (Ch. 14)	Vessel Movement Reporting System Area: The navigable waters within a 25 nautical mile radius of Point Fermin Light (33°42.3' N., 118°17.6' W.)
Louisville: Not applicable *Louisville Traffic*	156.650 MHz (Ch. 13)	The waters of the Ohio River between McAlpine Locks (Mile 606) and Twelve Mile Island (Mile 593), only when the McAlpine upper pool gauge is at approximately 13.0 feet or above.
Lower Mississippi River[6] 0036699952 *New Orleans Traffic*	156.700 MHz (Ch. 14)	The navigable waters of the Lower Mississippi River below 30°38.7'N., 91°17.5'W. (Port Hudson Light at 255 miles Above Head of Passes (AHP)), the Southwest Pass, and, within a 12 nautical miles radius around 28°54.3'N., 89°25.7'W. (Southwest Pass Entrance Light at 19.9 miles Below Head of Passes).

New Orleans Traffic	156.600 MHz (Ch. 12)	New Orleans Sector. The navigable waters of the Lower Mississippi River bounded on the north by a line drawn perpendicularly at 29°56.4'N., 90°08.36'W. and on the south by a line drawn perpendicularly at 29°56.24'N., 89°59.86'W. (88 and 106 miles AHP).
New York 003669951 *New York Traffic*	156.550 MHz (Ch. 11) - For Sailing plans only 156.600 MHz (Ch. 12) - For vessels at anchor	The area consists of the navigable waters of the Lower New York Bay bounded on the east by a line drawn from Norton Point to Breezy Point; on the south by a line connecting the entrance buoys at the Ambrose Channel, Swash Channel, and Sandy Hook Channel to Sandy Hook Point; and on the southeast including the waters of Sandy Hook Bay south to a line drawn at 40° 25'N; then west in the Raritan Bay to the Raritan River Railroad Bridge, then north into waters of the Arthur Kill and Newark Bay to the Lehigh Valley Draw Bridge at 40° 41.9'N; and then east including the waters of the Kill Van Kull and the Upper New York Bay north to a line drawn east-west from the Holland Tunnel ventilator shaft at 40° 43.7'N, 74° 01.6'W, in the Hudson River; and then continuing east including the waters of the East River to the Throgs Neck Bridge, excluding the Harlem River.
New York Traffic	156.700 MHz (Ch. 14)	The navigable waters of the Lower New York Bay west of a line drawn from Norton Point to Breezy Point; and north of a line connecting the entrance buoys of Ambrose Channel, Swash Channel, and Sandy Hook Channel, to Sandy Hook Point; on the southeast including the waters of the Sandy Hook Bay south to a line drawn at latitude 40° 25'N; then west into the waters of Raritan Bay East Reach to a line drawn from Great Kills Light south through Raritan Bay East Reach LGB #14 to Comfort PT, NJ; then north including the waters of the Upper New York Bay south of 40° 42.40'N (Brooklyn Bridge) and 40° 43.70'N (Holland Tunnel Ventilator Shaft); west through the KVK into the Arthur Kill north of 40° 38.25'N (Arthur Kill Railroad Bridge); then north into the waters of the Newark Bay, south of 40° 41.95'N (Lehigh Valley Draw Bridge).
New York Traffic	156.600 MHz (Ch. 12)	The navigable waters of the Raritan Bay south to a line drawn at 40° 26'N; then west of a line drawn from Great Kills Light south through the Raritan Bay East Reach LGB #14 to Point Comfort, NJ; then west to the Raritan River Railroad Bridge; and north including the waters of the Arthur Kill to 40° 28.25'N. (Arthur Kill Railroad Bridge); including the waters of the East River north of 40° 42.40'N (Brooklyn Bridge) to the Throgs Neck Bridge, excluding the Harlem River.
Port Authur[6] 003669955 *Sabine Traffic*	(to be determined)	The navigable waters south of 30°10'N., east of 94°20'W., west of 93°22'W., and, north of 29°10'N.

Prince William Sound 003669958 *Valdez Traffic*	156.650 MHz (Ch. 13)	The navigable waters south of 61°05'N., east of 147°20'W., north of 60° N., and west of 146°30'W.; and, all navigable waters in Port Valdez.
Puget Sound[7] *Seattle Traffic 003669957*	156.700 MHz (Ch. 14)	The waters of Puget Sound, Hood Canal and adjacent waters south of a line connecting Marrowstone Point and Lagoon Point in Admiralty Inlet and south of a line drawn due east from the southernmost tip of Possession Point on Whidbey Island to the shoreline.
Seattle Traffic 003669957	156.250 MHz (Ch. 5A)	The waters of the Strait of Juan de Fuca east of 124°40'W. excluding the waters in the central portion of the Strait of Juan de Fuca north and east of Race Rocks; the navigable waters of the Strait of Georgia east of 122°52'W.; the San Juan Island Archipelago, Rosario Strait, Bellingham Bay; Admiralty Inlet north of a line connecting Marrowstone Point and Lagoon Point and all waters east of Whidbey Island North of a line drawn due east from the southernmost tip of Possession Point on Whidbey Island to the shoreline.
Tofino Traffic 003160012	156.725 MHz (Ch. 74)	The waters west of 124°40'W. within 50 nautical miles of the coast of Vancouver Island including the waters north of 48° N., and east of 127° W.
Victoria Traffic 003160010	156.550 MHz (Ch. 11)	The waters of the Strait of Georgia west of 122°52'W., the navigable waters of the central Strait of Juan de Fuca north and east of Race Rocks, including the Gulf Island Archipelago, Boundary Pass and Haro Strait.
San Francisco 003669956 San Francisco Traffic	156.700 MHz (Ch. 14)	The navigable waters of the San Francisco Offshore Precautionary Area, the navigable waters shoreward of the San Francisco Offshore Precautionary Area east of 122°42.0'W. and north of 37°40.0'N. extending eastward through the Golden Gate, and the navigable waters of San Francisco Bay and as far east as the port of Stockton on the San Joaquin River, as far north as the port of Sacramento on the Sacramento River.
San Francisco Traffic	156.600 MHz (Ch. 12)	The navigable waters within a 38 nautical mile radius of Mount Tamalpais (37°55.8'N., 122°34.6'W.) west of 122°42.0'W. and south of 37°40.0'N and excluding the San Francisco Offshore Precautionary Area.
St. Marys River 003669953 Soo Traffic	156.600 MHz (Ch. 12)	The waters of the St. Marys River between 45°57'N. (De Tour Reef Light) and 46°38.7'N. (lle Parisienne Light), except the St. Marys Falls Canal and those navigable waters east of a line from 46°04.16'N. and 46°01.57'N. (La Pointe to Sims Point in Potagannissing Bay and Worsley Bay).

Notes:

[1] Maritime Mobile Service Identifier (MMSI) is a unique nine-digit number assigned that identifies ship stations, ship earth stations, coast stations, coast earth stations, and group calls for use by a digital selective calling (DSC) radio, an INMARSAT ship earth station or AIS. AIS requirements are set forth in §§161.21 and 164.46 of this subchapter. The requirements set forth in §§161.21 and 164.46 of this subchapter apply in those areas denoted with a MMSI number.

[2] In the event of a communication failure, difficulties or other safety factors, the Center may direct or permit a user to monitor and report on any other designated monitoring frequency or the bridge-to-bridge navigational frequency, 156.650 MHz (Channel 13) or 156.375 MHz (Ch. 67), to the extent that doing so provides a level of safety beyond that provided by other means. The bridge-to-bridge navigational frequency, 156.650 MHz (Ch. 13), is used in certain monitoring areas where the level of reporting does not warrant a designated frequency.

[3] All geographic coordinates (latitude and longitude) are expressed in North American Datum of 1983 (NAD 83).

[4] Some monitoring areas extend beyond navigable waters. Although not required, users are strongly encouraged to maintain a listening watch on the designated monitoring frequency in these areas. Otherwise, they are required to maintain watch as stated in 47 CFR 80.148.

[5] In addition to the vessels denoted in Section 161.16 of this chapter, requirements set forth in subpart B of this chapter also apply to any vessel transiting VMRS Buzzards Bay when equipped with a bridge-to-bridge radiotelephone as defined in part 26 of this chapter.

[6] Until rules regarding VTS Lower Mississippi River and VTS Port Arthur are published, vessels are exempted of all VTS and VMRS requirements set forth in 33 CFR part 161, except those set forth in §§161.21 and 164.46 of this subchapter.

[7] A Cooperative Vessel Traffic Service was established by the United States and Canada within adjoining waters. The appropriate Center administers the rules issued by both nations; however, enforces only its own set of rules within its jurisdiction. Note, the bridge-to-bridge navigational frequency, 156.650 MHz (Ch. 13), is not so designated in Canadian waters, therefore users are encouraged and permitted to make passing arrangements on the designated monitoring frequencies.

(FR 8/30/07) 43/07

COAST PILOT 8 29 Ed 2007 Change No. 5
LAST NM 43/07

Page 304—Paragraph 178, line 7; read:

1.5 miles within the entrance.

A rock, covered 4½ fathoms in 57º21'35"N., 134º35'54"W., is 0.9 mile from shore and about 1.4 miles NW of Village Point.

(CL 1095/07) 45/07

Page 304—Paragraph 180, line 6; read:

North Arm has a flat 0.5 mile wide at its head and significant shoaling in the eastern end. **South Arm** ...

(CL 1094/07) 45/07

Page 304—Paragraph 181, lines 4 to 7; read:

House Point. A shoal with a least depth of 4¾ fathoms is in the channel in Hood Bay where it narrows between Cabin Point and the S shore in 57º22'35"N., 134º28'08"W.

(CL 1094/07) 45/07

Page 347—Paragraph 26, lines 2 to 3; read:

135º41'29"W., and marked by a buoy, is about 0.2 mile W of the outer Channel ...

(H 11109; 5/06 CG17) 45/07

Page 362—Paragraph 111, lines 4 to 7; read:

Theodore and Squid Bay. The middle of the island is marked by **Greentop Island Light** (57º51'21"N., 136º29'06"W.), 79 feet (24.1 m) above the water and shown from a monopile with a red and white diamond-shaped daymark.

(40/07 CG17) 45/07

COAST PILOT 8 29 Ed 2007 Change No. 6
LAST NM 45/07

Page 253—Paragraph 252, lines 9 to 10; read:

the edges; thence in April 2005-May 2006, 18.4 feet in the dredged section from …

(CL 1313/07) 49/07

Page 304—Paragraph 178, line 7; read:

1.5 miles within the entrance. A 2-fathom shoal is about 0.6 mile NW of the wooded island in about 57°19'50"N., 134°32'47"W.

A rock, covered 4½ fathoms in 57°21'35"N., 134°35'54"W., is 0.9 mile from shore and about 1.4 miles NW of Village Point.

(CL 689/07; CL 1095/07) 49/07

COAST PILOT 8 29 Ed 2007 Change No. 7
LAST NM 49/07

Page 178—Paragraph 285, line 9 to Paragraph 286; read:

fuel; water is available during the summer. A 56-foot (17 m) boat grid is available just inside the State-operated float.

A public telephone is available at the head of the State Dock. Mail and supplies are received weekly by seaplane from Ketchikan. Seaplane transportation to Ketchikan is available upon request.

(CL 1294/07) 51/07

Page 332—Paragraph 111, line 2; read:

feet and 5 feet, about 0.5 mile apart and awash at high water, is …

(BP 190381; H 11354) 51/07

Page 332—Paragraph 113, line 5; read:

rock, and 0.2 mile WNW in about 56°59'35"N., 135°27'02"W., is a rock covered 3 feet that …

(BP 190381; H 11354) 51/07

Page 332—Paragraph 114, line 1; read:

Zenobia Rock, with 2 fathoms over it in about 57°00'15"N., 135°23'23"W., about 2 …

(BP 190381; H 11354) 51/07

Page 332—Paragraph 115, line 6; read:

without local knowledge. A pass, carrying less than 1 fathom at …

(BP 190381; H 11354) 51/07

Page 336—Paragraph 148, line 5; read:

A rock, covered 1.2 fathoms, is in about 57°01'35"N., 135°21'08"W., and near the center of this passage.

(BP 190380; H 11354) 51/07

COAST PILOT 9 25 Ed 2007 NEW EDITION

(NOS) 30/07

COAST PILOT 9 25 Ed 2007 Change No. 1
LAST NM 30/07

Page 64—Paragraph 475, lines 4 to 5; read:

shall immediately notify the nearest Coast Guard Sector Office or Group Office. (Compliance with ...

(FR 7/2/07; DD 9393) 34/07

Page 145—Paragraph 294, line 3; read:

Gravina Point Light 3 (60º37'22"N., 146º15'13"W.), 27 feet (8.2 m) ...

(LL/06) 34/07

Page 157—Paragraph 439, lines 5 to 6; read:

plant piers are just inside on the S shore. In May 2006, the controlling depths were 12 feet in the entrance ...

(BPs 189751-53) 34/07

Page 208—Paragraph 1134, line 8; read:

Bay Reef. **Nanwalek**, a small native settlement, is on ...

(CL 853/07) 34/07

Page 209—Paragraph 1151, line 5; read:

lighted buoy. This rock is steep-to on its W side and the principal ...

(25/07 CG17) 34/07

Page 353—Paragraph 183, line 6; read:

end of the pass. A 3½-fathom depth in 54º00'06"N., 166º07'16"W., is at the NW end of the pass and about 0.65 mile from shore.

(CL 858/07) 34/07

Page 354—Paragraph 193, lines 6 to 7; read:

Unalga Pass vary from 8 fathoms at the S end of the pass in about 53º56'16"N., 166º11'25"W., to over 50 fathoms.

(CL 775/07) 34/07

Page 357—Paragraph 231, line 3; read:

by a lighted bell buoy. N of Spithead is a covered ridge that ...

(24/07 CG17) 34/07

Page 361—Paragraph 281, lines 6 to 8; read:

and E of the northernmost island. A lighted buoy is on the E side of Swallow Reef. A reef extends 150 yards from the E shore about abreast of Swallow Reef. Small craft ...

(24/07 CG17) 34/07

Page 443—Paragraph 164; strike out.

(26/07 CG17) 34/07

COAST PILOT 9 25 Ed 2007 Change No. 2
LAST NM 34/07

Page 321—Paragraph 450, lines 3 to 4; read:

headland with a steep talus. Vessels should give ...

(BP 190583; H11280) 41/07

Page 323—Paragraph 483, line 4 to Paragraph 484, line 1; read:

Rock, is 265 feet high. A 1-fathom shoal extends over 100 yards SSE of the island. **Elephant Rock**, the S entrance point, is a narrow projecting rocky mass 155 feet high. The base of the rock has been hollowed out by sea action and from N resembles an elephant. A reef extends N for 300 yards from the point to a rock, 41 feet high. Dangerous **Blind Breaker**, 0.4 mile NE of Elephant Rock and in about 55°10'09"N., 160°29'08"W., uncovers at extreme low water; depths of 7 to 13 fathoms surround the rock. The W part of the outer harbor has depths of 3¼ fathoms and less.

A 2½-fathom, narrow, constricted passage, leads ...
(BP 190770; H 11326) 41/07

COAST PILOT 9 25 Ed 2007 Change No. 3
LAST NM 41/07

Page 223—Paragraph 1316, line 8; read:

such, later this chapter.) These points mark an important ...
(TXT 4-1382/07) 38/07

Page 252—Paragraph 247, line 4; read:

diamond-shaped daymark, 0.9 mile NNE of Cliff Point. A racon is at the light. A ...
(32/07 CG17) 38/07

Page 265—Paragraph 465, line 7; read:

ground in Russian Harbor has a least depth of 2 fathoms.
(CL 932/07) 38/07

Page 353—Paragraph 176, line 12; read:

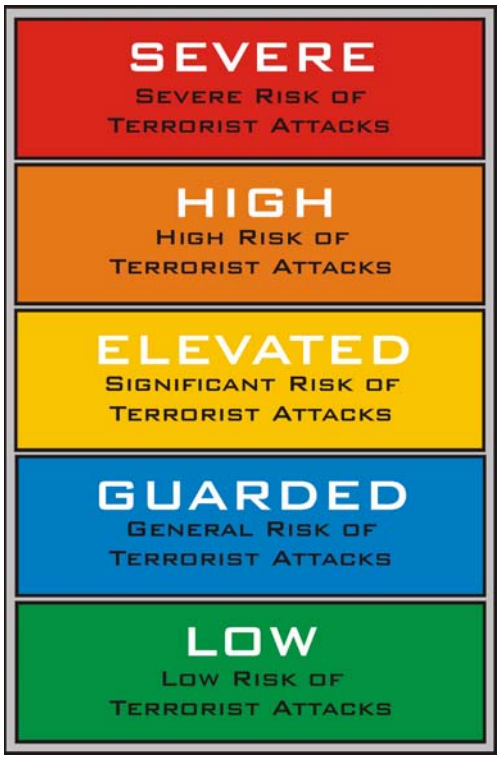
shoal with a least depth of 7 fathoms is 3.5 miles NW ...
(CL 737/07) 38/07

COAST PILOT 9 25 Ed 2007 Change No. 4

Page 32—Paragraph 466; insert after:

Homeland Security Advisory System

The Homeland Security Advisory System is a comprehensive and effective means to disseminate information regarding the risk of terrorist acts to Federal, State, and local authorities and to the American people. The system is designed to guide our protective measures when specific information to a particular sector or geographic region is received. It combines threat information with vulnerability assessments and provides communications to public safety officials and the public. This communication is achieved through threat advisories, information bulletins, and a color-coded threat level system (shown below).



U.S. Coast Guard Maritime Security (MARSEC) Levels

The U.S. Coast Guard has a three-tiered system of Maritime Security (MARSEC) Levels consistent with the Department of Homeland Security's Homeland Security Advisory System (HSAS). MARSEC levels are designed to provide a means to easily communicate pre-planned scalable responses to increased threat levels. The Commandant of the U.S. Coast Guard sets MARSEC levels commensurate with the HSAS. Because of the unique nature of the maritime industry, the HSAS threat conditions and MARSEC levels will align closely, though they will not directly correlate.

MARSEC Level 1 – the level for which minimum appropriate security measures shall be maintained at all times. MARSEC 1 generally applies when HSAS Threat Condition Green, Blue, or Yellow are set.

MARSEC Level 2 – the level for which appropriate additional protective security measures shall be maintained for a period of time as a result of heightened risk of a transportation security incident. MARSEC 2 generally corresponds to HSAS Threat Condition Orange.

MARSEC Level 3 – the level for which further specific protective security measures shall be maintained for a limited period of time when a transportation security incident is probable, imminent, or has occurred, although it may not be possible to identify the specific target. MARSEC 3 generally corresponds to HSAS Threat Condition Red.
(DD 9607; DD 9608) 41/07

Page 67 to Page 69; replace table with below:

TABLE 161.12(c)-VTS and VMRS Centers, Call Signs/MMSI, Designated Frequencies, and Monitoring Areas		
Center MMSI[1] Call Sign	**Designated frequency (Channel designation)-purpose[2]**	**Monitoring Area [3, 4]**
Berwick Bay 003669950 *Berwick Traffic*	156.550 MHz (Ch. 11)	The waters south of 29°45' N., west of 91°10' W., north of 29°37' N., and east of 91°18' W.
Buzzards Bay *Buzzards Bay Control[5]*	156.600 MHz (Ch. 12)	The waters east and north of a line drawn from the southern tangent of Sakonnet Point, Rhode Island, in approximate position 41°27.2'N, 70°11.7'W to Buzzards Bay Entrance Light in approximate position 41°23.5'N, 71°02.0'W, and then to the southwestern tangent of Cuttyhunk Island, Massachusetts, at approximate position 41°24.6'N, 70°57.0'W, and including all of the Cape Cod Canal to its eastern entrance, except that the area of New Bedford harbor within the confines (north of) the hurricane barrier, and the passages through the Elizabeth Islands, is not considered to be "Buzzards Bay".
Houston-Galveston 003669954		The navigable waters north of 29° N., west of 94°20' W., south of 29°49' N., and east of 95°20' W.
Houston Traffic	156.550 MHz (Ch. 11) 156.250 MHz (Ch. 5A) - for sailing plans only	The navigable waters north of a line extending due west from the southern most end of Exxon Dock #1 (20°43.37' N., 95°01.27' W.)
Houston Traffic	156.600 MHz (Ch. 12) 156.250 MHz (Ch. 5A) - for sailing plans only	The navigable waters south of a line extending due west from the southern most end of Exxon Dock #1 (29°43.37' N., 95°01.27' W.)
Los Angeles/Long Beach: MMSI/To be determined *San Pedro Traffic*	156.700 MHz (Ch. 14)	Vessel Movement Reporting System Area: The navigable waters within a 25 nautical mile radius of Point Fermin Light (33°42.3' N., 118°17.6' W.)
Louisville: Not applicable *Louisville Traffic*	156.650 MHz (Ch. 13)	The waters of the Ohio River between McAlpine Locks (Mile 606) and Twelve Mile Island (Mile 593), only when the McAlpine upper pool gauge is at approximately 13.0 feet or above.
Lower Mississippi River[6] 0036699952 *New Orleans Traffic*	156.700 MHz (Ch. 14)	The navigable waters of the Lower Mississippi River below 30°38.7'N., 91°17.5'W. (Port Hudson Light at 255 miles Above Head of Passes (AHP)), the Southwest Pass, and, within a 12 nautical miles radius around 28°54.3'N., 89°25.7'W. (Southwest Pass Entrance Light at 19.9 miles Below Head of Passes).

New Orleans Traffic	156.600 MHz (Ch. 12)	New Orleans Sector. The navigable waters of the Lower Mississippi River bounded on the north by a line drawn perpendicularly at 29°56.4'N., 90°08.36'W. and on the south by a line drawn perpendicularly at 29°56.24'N., 89°59.86'W. (88 and 106 miles AHP).
New York 003669951 *New York Traffic*	156.550 MHz (Ch. 11) - For Sailing plans only 156.600 MHz (Ch. 12) - For vessels at anchor	The area consists of the navigable waters of the Lower New York Bay bounded on the east by a line drawn from Norton Point to Breezy Point; on the south by a line connecting the entrance buoys at the Ambrose Channel, Swash Channel, and Sandy Hook Channel to Sandy Hook Point; and on the southeast including the waters of Sandy Hook Bay south to a line drawn at 40° 25'N; then west in the Raritan Bay to the Raritan River Railroad Bridge, then north into waters of the Arthur Kill and Newark Bay to the Lehigh Valley Draw Bridge at 40° 41.9'N; and then east including the waters of the Kill Van Kull and the Upper New York Bay north to a line drawn east-west from the Holland Tunnel ventilator shaft at 40° 43.7'N, 74° 01.6'W, in the Hudson River; and then continuing east including the waters of the East River to the Throgs Neck Bridge, excluding the Harlem River.
New York Traffic	156.700 MHz (Ch. 14)	The navigable waters of the Lower New York Bay west of a line drawn from Norton Point to Breezy Point; and north of a line connecting the entrance buoys of Ambrose Channel, Swash Channel, and Sandy Hook Channel, to Sandy Hook Point; on the southeast including the waters of the Sandy Hook Bay south to a line drawn at latitude 40° 25'N; then west into the waters of Raritan Bay East Reach to a line drawn from Great Kills Light south through Raritan Bay East Reach LGB #14 to Comfort PT, NJ; then north including the waters of the Upper New York Bay south of 40° 42.40'N (Brooklyn Bridge) and 40° 43.70'N (Holland Tunnel Ventilator Shaft); west through the KVK into the Arthur Kill north of 40° 38.25'N (Arthur Kill Railroad Bridge); then north into the waters of the Newark Bay, south of 40° 41.95'N (Lehigh Valley Draw Bridge).
New York Traffic	156.600 MHz (Ch. 12)	The navigable waters of the Raritan Bay south to a line drawn at 40° 26'N; then west of a line drawn from Great Kills Light south through the Raritan Bay East Reach LGB #14 to Point Comfort, NJ; then west to the Raritan River Railroad Bridge; and north including the waters of the Arthur Kill to 40° 28.25'N. (Arthur Kill Railroad Bridge); including the waters of the East River north of 40° 42.40'N (Brooklyn Bridge) to the Throgs Neck Bridge, excluding the Harlem River.
Port Authur[6] 003669955 *Sabine Traffic*	(to be determined)	The navigable waters south of 30°10'N., east of 94°20'W., west of 93°22'W., and, north of 29°10'N.

Prince William Sound 003669958 *Valdez Traffic*	156.650 MHz (Ch. 13)	The navigable waters south of 61°05'N., east of 147°20'W., north of 60° N., and west of 146°30'W.; and, all navigable waters in Port Valdez.
Puget Sound[7] *Seattle Traffic 003669957*	156.700 MHz (Ch. 14)	The waters of Puget Sound, Hood Canal and adjacent waters south of a line connecting Marrowstone Point and Lagoon Point in Admiralty Inlet and south of a line drawn due east from the southernmost tip of Possession Point on Whidbey Island to the shoreline.
Seattle Traffic 003669957	156.250 MHz (Ch. 5A)	The waters of the Strait of Juan de Fuca east of 124°40'W. excluding the waters in the central portion of the Strait of Juan de Fuca north and east of Race Rocks; the navigable waters of the Strait of Georgia east of 122°52'W.; the San Juan Island Archipelago, Rosario Strait, Bellingham Bay; Admiralty Inlet north of a line connecting Marrowstone Point and Lagoon Point and all waters east of Whidbey Island North of a line drawn due east from the southernmost tip of Possession Point on Whidbey Island to the shoreline.
Tofino Traffic 003160012	156.725 MHz (Ch. 74)	The waters west of 124°40'W. within 50 nautical miles of the coast of Vancouver Island including the waters north of 48° N., and east of 127° W.
Victoria Traffic 003160010	156.550 MHz (Ch. 11)	The waters of the Strait of Georgia west of 122°52'W., the navigable waters of the central Strait of Juan de Fuca north and east of Race Rocks, including the Gulf Island Archipelago, Boundary Pass and Haro Strait.
San Francisco 003669956 San Francisco Traffic	156.700 MHz (Ch. 14)	The navigable waters of the San Francisco Offshore Precautionary Area, the navigable waters shoreward of the San Francisco Offshore Precautionary Area east of 122°42.0'W. and north of 37°40.0'N. extending eastward through the Golden Gate, and the navigable waters of San Francisco Bay and as far east as the port of Stockton on the San Joaquin River, as far north as the port of Sacramento on the Sacramento River.
San Francisco Traffic	156.600 MHz (Ch. 12)	The navigable waters within a 38 nautical mile radius of Mount Tamalpais (37°55.8'N., 122°34.6'W.) west of 122°42.0'W. and south of 37°40.0'N and excluding the San Francisco Offshore Precautionary Area.
St. Marys River 003669953 Soo Traffic	156.600 MHz (Ch. 12)	The waters of the St. Marys River between 45°57'N. (De Tour Reef Light) and 46°38.7'N. (lle Parisienne Light), except the St. Marys Falls Canal and those navigable waters east of a line from 46°04.16'N. and 46°01.57'N. (La Pointe to Sims Point in Potagannissing Bay and Worsley Bay).

Notes:

[1] Maritime Mobile Service Identifier (MMSI) is a unique nine-digit number assigned that identifies ship stations, ship earth stations, coast stations, coast earth stations, and group calls for use by a digital selective calling (DSC) radio, an INMARSAT ship earth station or AIS. AIS requirements are set forth in §§161.21 and 164.46 of this subchapter. The requirements set forth in §§161.21 and 164.46 of this subchapter apply in those areas denoted with a MMSI number.

[2] In the event of a communication failure, difficulties or other safety factors, the Center may direct or permit a user to monitor and report on any other designated monitoring frequency or the bridge-to-bridge navigational frequency, 156.650 MHz (Channel 13) or 156.375 MHz (Ch. 67), to the extent that doing so provides a level of safety beyond that provided by other means. The bridge-to-bridge navigational frequency, 156.650 MHz (Ch. 13), is used in certain monitoring areas where the level of reporting does not warrant a designated frequency.

[3] All geographic coordinates (latitude and longitude) are expressed in North American Datum of 1983 (NAD 83).

[4] Some monitoring areas extend beyond navigable waters. Although not required, users are strongly encouraged to maintain a listening watch on the designated monitoring frequency in these areas. Otherwise, they are required to maintain watch as stated in 47 CFR 80.148.

[5] In addition to the vessels denoted in Section 161.16 of this chapter, requirements set forth in subpart B of this chapter also apply to any vessel transiting VMRS Buzzards Bay when equipped with a bridge-to-bridge radiotelephone as defined in part 26 of this chapter.

[6] Until rules regarding VTS Lower Mississippi River and VTS Port Arthur are published, vessels are exempted of all VTS and VMRS requirements set forth in 33 CFR part 161, except those set forth in §§161.21 and 164.46 of this subchapter.

[7] A Cooperative Vessel Traffic Service was established by the United States and Canada within adjoining waters. The appropriate Center administers the rules issued by both nations; however, enforces only its own set of rules within its jurisdiction. Note, the bridge-to-bridge navigational frequency, 156.650 MHz (Ch. 13), is not so designated in Canadian waters, therefore users are encouraged and permitted to make passing arrangements on the designated monitoring frequencies.

(FR 8/30/07) 43/07

COAST PILOT 9 25 Ed 2007 Change No. 6
LAST NM 43/07

Page 142—Paragraph 248, lines 4 to 5; read:

are on foul ground extending about 2 miles E with a 4¼-fathom depth in 59º57'08"N., 147º18'10"W.
(CL 1046/07) 45/07

Page 153—Paragraph 397, line 9; read:

depths of 4½ to 8 fathoms and is a suitable anchorage ...
(H 11267; BP 191292) 45/07

Page 203—Paragraph 1067, line 12; read:

permitting) ½ mile S of Homer Spit Light 3 to allow for a ...
(37/07 CG17; LL/06) 45/07

Page 211—Paragraph 1168, line 7; read:

about 0.5 mile S of Homer Spit Light 3 to pick up a pilot, ...
(37/07 CG17; LL/06) 45/07

Page 213—Paragraph 1191, line 2; read:

by **Homer Spit Light 3** (59º36'02"N., 151º24'34"W.), 34 ...
(37/07 CG17; LL/06) 45/07

Page 213—Paragraph 1191, line 6; read:

about 0.4 mile **284º** from Homer Spit Light 3. Care must ...
(37/07 CG17; LL/06) 45/07

Page 213—Paragraph 1195, line 2; read:

had 1.0 mile or more NE of Homer Spit Light 3 off the ...
(37/07 CG17; LL/06) 45/07

Page 214—Paragraph 1203, line 2; read:

Spit Light 3 (59º36'02"N., 151º24'34"W.) in Kachemak Bay, ...
(37/07 CG17; LL/06) 45/07

Page 214—Paragraph 1203, line 12; read:

(weather permitting) .5 mile S of Homer Spit Light 3 to ...
(37/07 CG17; LL/06) 45/07

Page 228—Paragraph 1396, lines 7 to 9; read:

shore. A 2¼-fathom spot in about 60º59'42"N., 150º53'27"W., is about 6.5 miles NW from Moose Point Light. Shoaling may have taken place between it ...
(41/07 CG17; LL/06) 45/07

Page 230—Paragraph 1415, lines 3 to 5; read:

Point MacKenzie Light (61°14'18"N., 149°59'14"W.), 80 feet (24.4 m) above the water, is shown from a skeleton tower with a red and white diamond-shaped daymark on the point.
(41/07 CG17; LL/06) 45/07

Page 231—Paragraph 1422, line 14; read:

MacKenzie Light and across the Fire Island Range with a least ...
(41/07 CG17; LL/06) 45/07

Page 437—Paragraph 75, line 1; read:

Anchorage can be had 3 miles NW of Entrance Point ...
(NOS 16363) 45/07

COAST PILOT 9 25 Ed 2007 Change No. 7
LAST NM 45/07

Page 148—Paragraph 322, line 2; read:

Islands and 1.3 miles N of Spike Island.

An 11.8-foot (3.6 m) shoal in 60°33'01"N., 145°46'01"W., lies about 200 yards NE of Spike Island Light and about 200 yards N of Cordova City Dock.
(CL 1232/07) 51/07

Page 315—Paragraph 356; read:

Weather in the Shumagin Islands can be harsh and forbidding. In the winter, strong gales frequently affect the islands. Wind funnels through valleys and passes in the island chain during these storms and a low layer of clouds and mist form, shrouding most areas. In the summer, violent williwaws from the NW can sometimes occur on sunny days. Localized to areas near the Alaska Peninsula, the wind can blow over 30 knots for many hours, creating a steep chop in open areas with significant wave fetch. These williwaws generally affect the Northern Shumagin Islands, but the effects can be felt throughout the chain. During these events, the wind funnel through Popof and Korovin Straits as well as through harbors open to the NW such as Mist Harbor, Larsen Bay, and other inlets on Nagai and Big Koniuji Islands.

The prevailing ocean swell in summer is from the SW. The swell is moderate on average. While this condition prevails on the SW side of the group, it is generally clear on the opposite side, with light breezes, smooth sea, and no swell. A landfall for the Shumagins, in summer, should therefore be made to NE, and the most unmistakable point is Castle Rock.
(CL 1184/07) 51/07

Page 317—Paragraph 382, line 3 to Paragraph 383, line 2; read:

their shores are clear, except for kelp beds. Anchorage in 22 to 26 fathoms, mud bottom, may be had near the head of the bight 146° from Peninsula Island which is 3.5 miles NNE from Spectacle Island. In approaching the anchorage it is necessary to keep N of midchannel to avoid a 6-fathom shoal extending 300 yards off the S shore about 0.5 mile from the head of the bight. Anchorage may also be had in the bight to the E of Peninsula Island in 20 to 24 fathoms, mud and sand bottom.

Anchorage for very small craft …
(CL 1184/07) 51/07

Page 317—Paragraph 389, lines 4 to 10; read:

feet high. The shore is rugged, steep, and rockbound with extensive kelp beds. A long cobble, sand spit extends off the SE end. The NE end should not be approached closer than 0.3 mile and the SE end no closer than 0.5 mile. Exposed anchorage may be found on the tail of the shoal extending off the SE point in 5 to 8 fathoms, 0.4 mile from the narrow spit.
(CL 1184/07) 51/07

Page 320—Paragraph 439, line 3; read:

yards off the point. A 13-fathom shoal is 1.8 miles NW …
(CL 1184/07) 51/07

Page 320—Paragraph 444, lines 4 to 7; read:

remarkable landslide, 900 feet high, is at the NE point. The island may be ascended only from the SW point; 70 yards off this point is a pinnacle rock, 50 feet high. A ledge extends 250 yards off the SE point and a narrow kelp field is …
(CL 1184/07) 51/07

Page 488—Paragraph 62, lines 10 to 12; read:

A pier in good condition is in the city. Ketzebue is served by Northland Towing and Crowley Marine.
(CL 1254/07) 51/07

Page 493—Paragraph 130; read:

Barrow is a customs station.

Barrow has no pier facilities. Marine cargo bound for Barrow is lightered from barges to landing craft. Anchorage can be had 1200 yards off of Barrow in 30 feet (9.1 m) of water to receive supplies and to transfer personnel by small boat. The anchorage is exposed to weather from all directions.
(CL 1254/07) 51/07

Note: NGA only produces *Sailing Directions* and corrections to *Sailing Directions* in digital form. Corrective updates to printed *Sailing Directions* publications are no longer published in the *Notice to Mariners*. To download digital publications and Publication Data Updates (PDU), visit the "Publications" page on the Maritime Safety Web site at http://www.nga.mil/maritime.

PUB 120 (NGA)	**5 Ed 2007**	**NEW EDITION** 35/07	**PUB 158** (NGA)	**10 Ed 2007**	**NEW EDITION** 45/07
PUB 123 (NGA)	**10 Ed 2007**	**NEW EDITION** 36/07	**PUB 159** (NGA)	**10 Ed 2007**	**NEW EDITION** 49/07
PUB 124 (NGA)	**10 Ed 2007**	**NEW EDITION** 34/07	**PUB 160** (NGA)	**5 Ed 2007**	**NEW EDITION** 37/07
PUB 126 (NGA)	**7 Ed 2005**	**NEW EDITION** 44/05	**PUB 161** (NGA)	**10 Ed 2007**	**NEW EDITION** 32/07
PUB 127 (NGA)	**8 Ed 2004**	**NEW EDITION** 29/04	**PUB 162** (NGA)	**6 Ed 2004**	**NEW EDITION** 51/04
PUB 131 (NGA)	**11 Ed 2004**	**NEW EDITION** 07/05	**PUB 163** (NGA)	**10 Ed 2007**	**NEW EDITION** 02/08
PUB 132 (NGA)	**11 Ed 2005**	**NEW EDITION** 25/05	**PUB 164** (NGA)	**10 Ed 2007**	**NEW EDITION** 02/08
PUB 140 (NGA)	**5 Ed 2007**	**NEW EDITION** 47/07	**PUB 171** (NGA)	**8 Ed 2004**	**NEW EDITION** 36/04
PUB 141 (NGA)	**10 Ed 2007**	**NEW EDITION** 36/07	**PUB 172** (NGA)	**13 Ed 2007**	**NEW EDITION** 44/07
PUB 142 (NGA)	**10 Ed 2007**	**NEW EDITION** 45/07	**PUB 173** (NGA)	**9 Ed 2007**	**NEW EDITION** 32/07
PUB 145 (NGA)	**11 Ed 2007**	**NEW EDITION** 52/07	**PUB 174** (NGA)	**9 Ed 2004**	**NEW EDITION** 26/04
PUB 146 (NGA)	**9 Ed 2005**	**NEW EDITION** 50/05	**PUB 175** (NGA)	**8 Ed 2004**	**NEW EDITION** 51/04
PUB 147 (NGA)	**9 Ed 2007**	**NEW EDITION** 48/07	**PUB 180** (NGA)	**5 Ed 2007**	**NEW EDITION** 44/07
PUB 148 (NGA)	**9 Ed 2007**	**NEW EDITION** 51/07	**PUB 181** (NGA)	**8 Ed 2005**	**NEW EDITION** 37/05
PUB 153 (NGA)	**11 Ed 2007**	**NEW EDITION** 47/07	**PUB 182** (NGA)	**7 Ed 2007**	**NEW EDITION** 31/07
PUB 154 (NGA)	**10 Ed 2007**	**NEW EDITION** 34/07	**PUB 183** (NGA)	**7 Ed 2007**	**NEW EDITION** 02/08
PUB 155 (NGA)	**9 Ed 2007**	**NEW EDITION** 47/07	**PUB 191** (NGA)	**13 Ed 2007**	**NEW EDITION** 39/07
PUB 157 (NGA)	**11 Ed 2007**	**NEW EDITION** 32/07	**PUB 192** (NGA)	**11 Ed 2007**	**NEW EDITION** 32/07

PUB 193	**10 Ed 2007**	**NEW EDITION**
(NGA)		50/07
PUB 194	**12 Ed 2007**	**NEW EDITION**
(NGA)		31/07
PUB 195	**9 Ed 2007**	**NEW EDITION**
(NGA)		51/07
PUB 200	**7 Ed 2007**	**NEW EDITION**
(NGA)		47/07

PUB 940	**4 Ed 2005**	**NEW EDITION**
(NGA)		N28/05
PUB 941	**4 Ed 2004**	**NEW EDITION**
(NGA)		N17/04

Note: For the the NGA *List of Lights* and USCG *Light List* publications, only Notice to Mariners (NTM) corrections that applied to the textual front matter are included in this Summary. For a summary of NTM corrections that applied to the navigational aids listings, consult the Notice to Mariners page on the Maritime Safety Web site at http://www.nga.mil/maritime.

CHART NO. 1 CORRECTIONS

CHART NO. 1 **10 Ed 1997** **NEW EDITION**
(NIMA) 18/98

CHART NO. 4 CORRECTIONS

CHART NO. 4 **5 Ed 1988** **NEW EDITION**
(DMAHTC) N23/91

AMERICAN PRACTICAL NAVIGATOR CORRECTIONS

PUB 9 **Ed 2002** **NEW EDITION**
(NIMA) 36/02

Page 238—Graphic; strike out.
Replace Figure 1525b with new graphic from back of this Subsection.
(NIMA) 14/03

Page 239—Lines 6 to 10/L; read:
as shown in Figure 1526.
(NIMA) 14/03

Page 243—Graphic; strike out.
Replace Figures 1528c and 1528d with graphics from back of this Subsection.
(NIMA) 14/03

Page 244—Graphic; strike out.
Replace Figures 1528e and 1528f with graphics from back of this Subsection.
(NIMA) 14/03

Page 274—Line 16/R; read:
amplitude angle is 10.4°S, so that the Sun's true bearing
(NIMA) 14/03

Page 287—Line 5/L; read:
Nautical Almanac Office, Rutherford Appleton Laboratory, Council for the Central Laboratory of the Research Councils.
(NIMA) 14/03

Page 291—Line 18/R; read:
almanac page xxxii to interpolate for latitude, determining
(NIMA) 14/03

Page 415—Lines 47/L to 15/R; read:

5. Discolored Water—Discolored water is an area of seawater having a color distinctly different from the surrounding water. These observations will normally be of seawater having a color other than the blues and greens typically seen. Variations of the colors – including red, yellow, green and brown, as well as black and white – have been reported. This may be due to dumping (pollution), the existence of shoals, or underwater features such as submerged volcanoes. In near-shore areas, discoloration often results from disturbance of sediment, e.g., disturbances by propeller wash. Discolorations may appear in patches, streaks, or large areas and may be caused by concentrations of inorganic or organic particles or plankton.

In normally deep waters, discolored water can be a strong indication of undersea growth of coral reefs, submerged volcanoes, seamounts, pinnacles and the like. As these features grow in size and dimension, their only indication may be in the form of discolored water on the surface of the sea. Mariners must be prudent in such waters, as they will normally be in areas that are not well surveyed and outside of established routes for oceangoing vessels.

NGA does not maintain a database of such occurrences worldwide. In areas of active submerged volcanoes, discolored water is a common occurrence and all such reports are charted or included in a Notice to Mariners correction. Mariners are urged to submit new reports of discolored water to the nearest NAVAREA Coordinator via coast radio stations (for NAVAREA IV and NAVAREA XII, by e-mail to navsafety@nga.mil). Reports can also be submitted via the NGA Maritime Safety Information Web site (http://pollux.nss.nga.mil/sugg/sugg_form.html).

The legend "discolored water" appears on many NGA charts, particularly those of the Pacific Ocean where underwater volcanic action is known to occur. In such areas, shoal water or discolored water may suddenly appear where only deep water has been historically depicted. Most of these legends remain on the charts from the last century, when very few deep sea soundings were available and less was known about the causes of discolored water. Few reports of discolored water have proved on examination to be caused by shoals. Nonetheless, due to the isolated areas normally in question, mariners should always give prudent respect to what may lie beneath the surface.

Today, such reports can be compared with the accumulated information for the area concerned. A more thorough assessment can be made using imagery if the water conditions and depth (roughly less than 100 feet) allow.

Mariners are therefore encouraged, while having due regard to the safety of their vessels, to approach sightings and areas of discolored water to find whether or not the discoloration is due to shoaling. If there is good reason to suppose the discoloration is due to shoal water, a report should be made as noted above.

Volcanic Activity. On occasion, volcanic eruptions may occur beneath the surface of the water. These submarine eruptions may occur more frequently and may be more

widespread than has been suspected in the past. Sometimes the only evidence of a submarine eruption is a noticeable discoloration of the water, a marked rise in sea surface temperature, or floating pumice. Mariners witnessing submarine volcanic activity have reported trails of steam with a foul sulfurous odor rising from the sea surface and unusual sounds heard through the hull, including shocks resembling a sudden grounding. A subsea volcanic eruption may be accompanied by rumbling and hissing, as hot lava meets the cooler sea.

In some cases, reports of discolored water at the sea surface have been investigated and found to be the result of newly-formed volcanic cones on the sea floor. These cones can grow rapidly and constitute a hazardous shoal in only a few years.

Variations in Color. The normal color of the sea in the open ocean in middle and low latitudes is an intense blue or ultramarine. The following variations in appearance occur elsewhere:

- In coastal regions and in the open sea at higher latitudes, where the minute floating animal and vegetable life of the sea (plankton) is in greater abundance, the blue of the sea is modified to shades of green and bluish-green. This discoloration results from a soluble yellow pigment discharged by the plant constituents of the plankton.
- When plankton is found in dense concentrations, the color of the organisms themselves may discolor the sea, giving it a more or less intense brown or red color. The Red Sea, Gulf of California, the region of the Peru Current, South African waters, and the Malabar Coast of India are particularly liable to this variation, seasonally.
- Plankton is sometimes exterminated suddenly by changes in sea conditions, producing a dirty brown or grayish-brown discoloration. This occurs on an unusually extensive scale at times off the Peruvian coast, where the phenomenon is called “Aguaje.”
- Larger masses of animate matter, such as fish spawn or floating kelp may produce other kinds of temporary discoloration.
- Mud carried down by rivers produces discoloration which, in the case of the great rivers, may affect a large sea area, such as the Amazon River outfall. Soil or sand particles may be carried out to sea by wind or dust storms, and volcanic dust may fall over a sea area. In all such cases, the water is more or less muddy in appearance.
- Submarine earthquakes may also produce mud or sand discoloration in relatively shallow water, and crude oil has sometimes been seen to gush up. The sea may be extensively covered with floating pumice after a volcanic eruption.
- Isolated shoals in deep water may make the water appear discolored, the color varying with the depth of the water. The play of the sun and cloud on the sea may often produce patches appearing at a distance convincingly like shoal water.

Visibility. The distance at which coral reefs can be seen is dependent upon the observer s height of eye, the state of the sea, and the relative position of the sun. When the sea is glassy calm, it is extremely difficult to distinguish the color difference between shallow and deep water. The best conditions for sighting reefs result from a relatively high position, with the sun above 20 degrees elevation and behind the observer, and a sea ruffled by a slight breeze. Under these conditions, with a height of eye of 10-15 meters it is usually possible to sight patches at a depth of less than 6-8 meters from a distance of a few hundred yards.

The use of polarized lenses is strongly recommended, as they make the variations in color of the water stand out more clearly.

If the water is clear, patches with depths of less than 1 meter will appear to be light brown in color; those with depths of 2 meters or more appear to be light green, deepening to a darker green for depths of about 6 meters, and finally to a deep blue for depths over 25 meters. Cloud shadows and shoals of fish may be quite indistinguishable from reefs, but it may be possible to identify them by their movement.

The edges of coral reefs are usually more uniform on their windward or exposed sides and are therefore more easily seen, while the leeward sides are frequently characterized by detached coral heads that are more difficult to see clearly. Water over submerged coral reefs is normally a light blue.

Due to the uncertainty of what discolored water may indicate, mariners are always urged to exercise extreme caution when in its vicinity. New reports of discolored water should be reported immediately with resulting chart, publication and radio/satellite warnings issued as appropriate.

(NGA) 40/05

Page 525—Line 21/L; read:
estimate wind speed. With the exception of Force 12, contributed by John Thomson of Ponteland, Northumberland, England, these pictures (courtesy of the

(NIMA) 14/03

Page 560—Line 4/R; read:
observer in feet; the distance in yards is taken di-

(NIMA) 14/03

Page 563—Line 19/L; read:
$C = 5/9(F - 32°) = K - 273.15°$

(NIMA) 38/03

INTERNATIONAL CODE OF SIGNALS CORRECTIONS

PUB 102	**Ed 2003**	**NEW EDITION**
(NIMA)		20/03

ATLAS OF PILOT CHARTS CORRECTIONS

PUB 106	**3 Ed 2002**	**NEW EDITION**
(NIMA)		42/03
PUB 107	**2 Ed 1998**	**NEW EDITION**
(NIMA)		30/99
PUB 109	**4 Ed 2001**	**NEW EDITION**
(NIMA)		49/02

NGA LIST OF LIGHTS CORRECTIONS

PUB 110	**Ed 2007**	**NEW EDITION**
(NGA)		35/07
PUB 111	**Ed 2007**	**NEW EDITION**
(NGA)		45/07
PUB 112	**Ed 2007**	**NEW EDITION**
(NGA)		35/07
PUB 113	**Ed 2007**	**NEW EDITION**
(NGA)		48/07
PUB 114	**Ed 2007**	**NEW EDITION**
(NGA)		37/07
PUB 115	**Ed 2007**	**NEW EDITION**
(NGA)		45/07
PUB 116	**Ed 2007**	**NEW EDITION**
(NGA)		38/07

RADIO NAVIGATIONAL AIDS CORRECTIONS

PUB 117	**Ed 2005**	**NEW EDITION**
(NGA)		04/05

WORLD PORT INDEX CORRECTIONS

PUB 150	**18 Ed 2005**	**NEW EDITION**
(NGA)		07/05

DISTANCES BETWEEN PORTS CORRECTIONS

PUB 151	**11 Ed 2001**	**NEW EDITION**
(NIMA)		04/02

SIGHT REDUCTION TABLES (MARINE) CORRECTIONS

PUB 229 VOL. 1	**Ed 1970**	**NEW EDITION**
(USNOO)		11/71
PUB 229 VOL. 2	**Ed 1970**	**NEW EDITION**
(USNOO)		11/71
PUB 229 VOL. 3	**Ed 1970**	**NEW EDITION**
(USNOO)		07/71
PUB 229 VOL. 4	**Ed 1970**	**NEW EDITION**
(USNOO)		03/71
PUB 229 VOL. 5	**Ed 1970**	**NEW EDITION**
(USNOO)		03/71
PUB 229 VOL. 6	**Ed 1970**	**NEW EDITION**
(USNOO)		23/70

SIGHT REDUCTION TABLES (AIR) CORRECTIONS

PUB 249 VOL. 1	**Ed 2007**	**NEW EDITION**
(NGA)		38/07
PUB 249 VOL. 2	**Ed 1952**	**NEW EDITION**
(USNOO)		46/52
PUB 249 VOL. 3	**Ed 1952**	**NEW EDITION**
(USNOO)		46/52

RADAR NAVIGATION AND MANEUVERING BOARD MANUAL CORRECTIONS

PUB 1310	**7 Ed 2001**	**NEW EDITION**
(NIMA)		51/01

NOS CHART CATALOG CORRECTIONS

CATALOG A	**Ed 2007**	**NEW EDITION**
(NOS)		13/07
CATALOG G	**Ed 2007**	**NEW EDITION**
(NOS)		06/07

CATALOG K **Ed 2007** **NEW EDITION**
(NOS) 06/07

CATALOG L **Ed 2007** **NEW EDITION**
(NOS) 29/07

CATALOG P **Ed 2007** **NEW EDITION**
(NOS) 17/07

USCG LIGHT LIST VOLUMES I - VII CORRECTIONS

VOLUME I **Ed 2007** **NEW EDITION**
(USCG) 46/07

VOLUME II **Ed 2007** **NEW EDITION**
(USCG) 45/07

VOLUME III **Ed 2007** **NEW EDITION**
(USCG) 45/07

VOLUME IV **Ed 2007** **NEW EDITION**
(USCG) 45/07

VOLUME V **Ed 2006** **NEW EDITION**
(USCG) 32/06

VOLUME VI **Ed 2007** **NEW EDITION**
(USCG) 46/07

VOLUME VII **Ed 2007** **NEW EDITION**
(USCG) 45/07

USCG NAVIGATION RULES CORRECTIONS

COMDTINSTM166722D **Ed 1999** **NEW EDITION**
(USCG) 44/99

Page 2—International: Part A-General, Rule 1(c) line 4; read:
of war and vessels proceeding under convoy, or with respect to addi-...
(USCG) 52/00

Page 2—International: Part A-General, Footnote 1, lines 4 to 5; read:
of the Navy with respect to additional station and signal lights are found in Part 706 of Title 32, Code of Federal Regulations (32 CFR 706).
(USCG) 52/00

Page 3—Inland: Part A-General, Footnote 1, lines 4 to 5; read:
of the Navy with respect to additional station and signal lights are found in Part 706 of Title 32, Code of Federal Regulations (32 CFR 706).
(USCG) 52/00

Page 6—International: General, Rule 3(a), line 2; read:
including nondisplacement craft, WIG craft and seaplanes, used or capable of …
(USCG) 16/04

Page 8—International: General, Rule 3, add (m); read:
(m) The term "Wing-In-Ground (WIG) craft" means a multimodal craft which, in its main operational mode, flies in close proximity to the surface by utilizing surface-effect action.
(USCG) 16/04

Page 18—International: Rule 8(a), line 1; read:
(a) Any action to avoid collision shall be taken in accordance with the Rules of this Part and shall, if the circumstances of …
(USCG) 16/04

Page 34—International: Rule 18, add (f); read:
(f)
(i) A WIG craft shall, when taking off, landing and in flight near the surface, keep well clear of all other vessels and avoid impeding their navigation;
(ii) a WIG craft operating on the water surface shall comply with the Rules of this Part as a power-driven vessel.
(USCG) 16/04

Page 46—International: Rule 23(b), line 3; read:
Rule, exhibit an all-round flashing yellow light.
(c) A WIG craft only when taking off, landing and in flight near the surface shall, in addition to the lights prescribed in paragraph (a) of this Rule, exhibit a high intensity all-round flashing red light.
(USCG) 16/04

Page 48—International: Rule 23(c) (i), line 1; read:
(d) (i) A power-driven vessel of less than 12 meters in length may …
(USCG) 16/04

Page 58—International: Rule 24(d), line 2; read:
apply shall also comply with Rule 23(a)(ii).
(USCG) 52/00

Page 112—International: Rule 31, line 1; read:
Where it is impracticable for a seaplane or a WIG craft to exhibit lights and shapes …
(USCG) 16/04

Page 114—International: Rule 33(a), lines 1 to 2; read:

(a) A vessel of 12 meters or more in length shall be provided with a whistle, a vessel of 20 meters or more in length shall be provided with a bell in addition to a whistle, and a vessel of 100 meters or more in length …

(USCG) 16/04

Page 122—International: Rule 35(h), line 5; read:

addition sound an appropriate whistle signal.

(i) A vessel of 12 meters or more but less than 20 meters in length shall not be obliged to give the bell signals prescribed in paragraphs (g) and (h) of this Rule. However, if she does not, she shall make some other efficient sound signal at intervals of not more than 2 minutes.

(USCG) 16/04

Page 122—International: Rule 35(i), line 1; read:

(j) A vessel of less than 12 meters in length shall not be obliged to …

(USCG) 16/04

Page 122—International: Rule 35(j), line 1; read:

(k) A pilotage vessel when engaged on pilotage duty may in addition to …

(USCG) 16/04

Page 137—Inland: Annex I, §84.05(d), line 3; read:

sel of less than 20 meters in length, the vessel shall exhibit one mast-...

(USCG) 52/00

Page 148—International: Annex I Section 13; read:

13. High Speed Craft*

(a) The masthead light of high-speed craft may be placed at a height related to the breadth of the craft lower than that prescribed in paragraph 2(a)(i) of this annex, provided that the base angle of the isosceles triangles formed by the sidelights and masthead light, when seen in end elevation, is not less than 27°.

(b) On high-speed craft of 50 meters or more in length, the vertical separation between foremast and mainmast light of 4.5 meters required by paragraph 29(a)(ii) of this annex may be modified provided that such distance shall not be less than the value determined by the following formula:

$$y = \frac{(a + 17\Psi)C + 2}{1000}$$

where:

- y is the height of the mainmast light above the foremast light in meters;
- a is the height of the foremast light above the water surface in service condition in meters;
- Ψ is the trim in service condition in degrees;
- C is the horizontal separation of masthead lights in meters.

* Refer to the International Code of Safety for High-Speed Craft, 1994 and the International Code of Safety for High-Speed Craft, 2000.

(USCG) 16/04

Page 150—International: Annex II, paragraph 2(a), line 2; read:

ing, whether using demersal or pelagic gear, shall exhibit:

(USCG) 52/00

Page 150—International: Annex II, paragraph 2(b), line 2; read:

trawling shall exhibit:

(USCG) 52/00

Page 152—International: Annex III Section I(a), line 5; read:

range 180-700Hz (± 1 percent) for a vessel of 20 meters or more in length, or 180-2100Hz (± 1 percent) for a vessel of less than 20 meters in length and which provide the sound pres- …

(USCG) 16/04

Page 154—International: Annex III Section I(c), line 4; read:

range of frequencies 180-700Hz (± 1 percent) for a vessel of 20 meters or more in length, or 180-2100Hz (± 1 percent) for a vessel of less than 20 meters in length, of not less than the …

(USCG) 16/04

Page 154—International: Annex III Section I(c), Table; read:

Length of vessel in meters	1/3-octave band level at 1 meter in dB referred to $2x10^{-5}$ N/m^2	Audibility range in nautical miles
200 or more	143	2
75 but less than 200	138	1.5
20 but less than 75	130	1
Less than 20	120*1 115*2 111*3	0.5

*1 When the measured frequencies lie within the range 180-450Hz
*2 When the measured frequencies lie within the range 450-800Hz
*3 When the measured frequencies lie within the range 800-2100Hz

(USCG) 16/04

Page 160—International: Annex III Section 2(b), lines 4 to 6; read:

length. Where practicable, a …

(USCG) 16/04

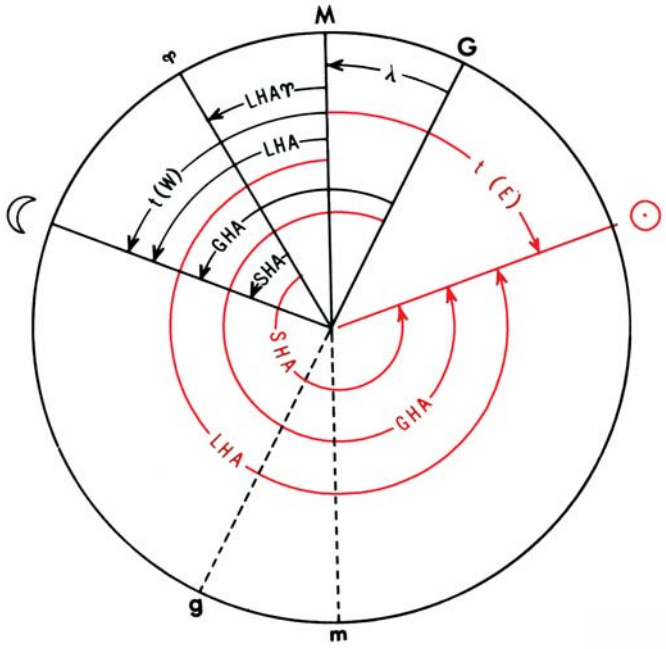
Page 207—Waters Specified by the Secretary. 33 CFR §89.27(b)(1), line 2; read:
(EHL) to the Dupont Fixed Bridge at Mile 295.4 EHL.
(USCG) 52/00

ALMANACS CORRECTIONS

AIR ALMANAC Ed 2007 NEW EDITION
(NGA) 24/07

NAUTICAL ALMANAC Ed 2008 NEW EDITION
(NGA) 30/07

238



PUB 9

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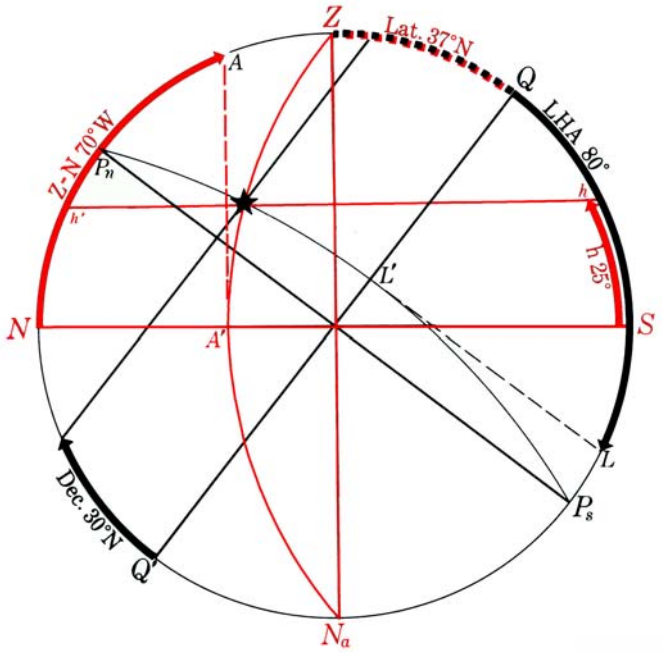
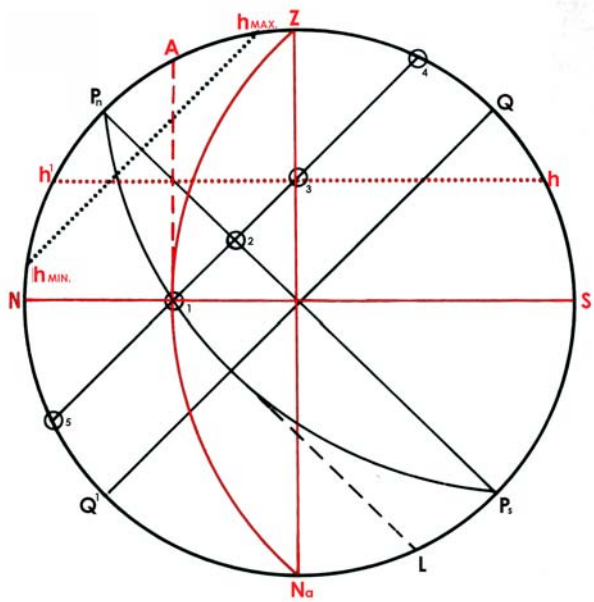


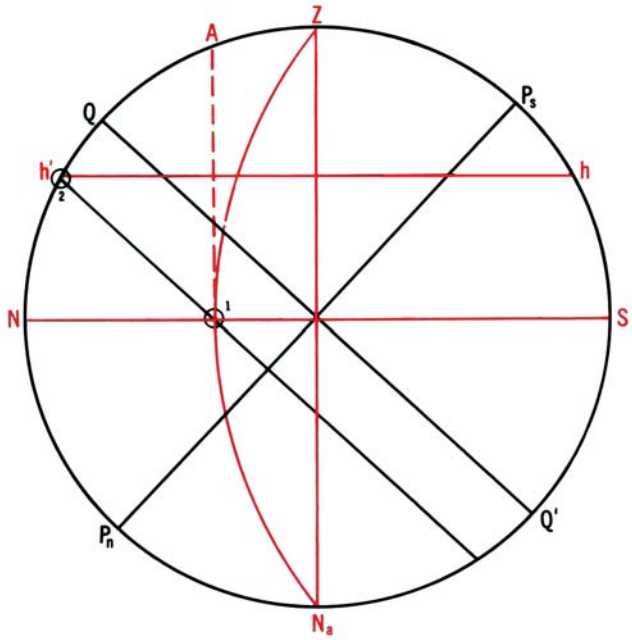
PUB 9

243



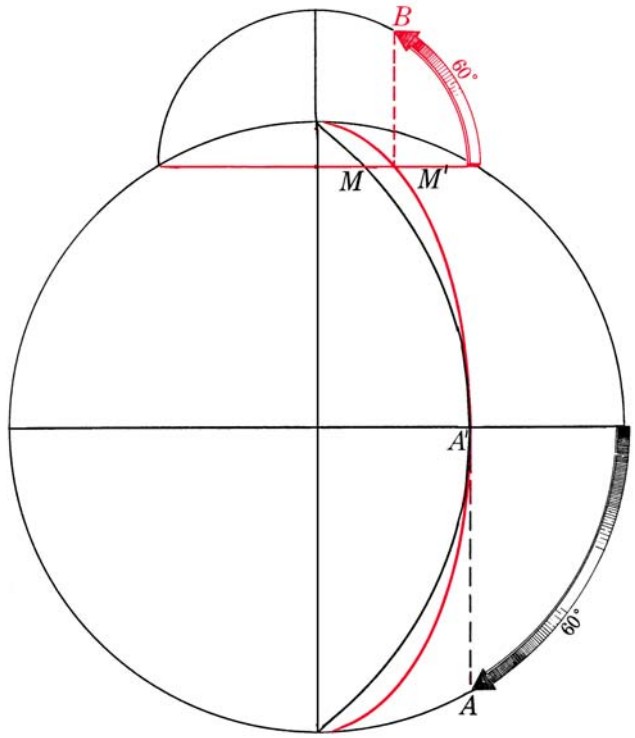
PUB 9

244



PUB 9

244



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