No. 40

5 OCTOBER 2013

UNITED STATES OF AMERICA

NOTICE TO MARINERS

Published Weekly by the
National Geospatial-Intelligence Agency

Prepared Jointly with the
National Ocean Service and U.S. Coast Guard

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Visit the Maritime Safety Web site at http://msi.nga.mil/NGAPortal/MSI.portal

IMPORTANT INFORMATION

The Notice to Mariners is published by the National Geospatial-Intelligence Agency (NGA), under the authority of Department of Defense Directive 5105.60, to advise mariners of important matters affecting navigational safety, including new hydrographic discoveries, changes in channels and navigational aids, etc. (U.S. Code Title 10, Sec. 442 and Title 44, Sec. 1336 refer). Nothing in the arrangement of information implies endorsement or acceptance by NGA in matters affecting the status and boundaries of States and territories. The Notice to Mariners presents corrective information affecting charts, NGA/DLIS Catalog of Maps Charts and Related Products, Coast Pilots, USCG Light Lists, NGA List of Lights and other products produced by the National Geospatial-Intelligence Agency, National Ocean Service and U.S. Coast Guard.

Information for the Notice to Mariners is contributed by the following Agencies: National Geospatial-Intelligence Agency (NGA) (Department of Defense) for waters outside the territorial limits of the United States; National Ocean Service (NOS) (Department of Commerce), which is charged with the surveys and charting of the coasts and harbors of the United States and its territories; the U.S. Coast Guard (USCG) (Department of Homeland Security), which is responsible for the safety of life at sea and the establishment and operation of aids to navigation; and the U.S. Army Corps of Engineers (Department of Defense), which is charged with the improvement of rivers and harbors of the United States. In addition, important contributions are made by foreign hydrographic offices and cooperating observers of all nationalities.

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

Name	Telephone	DSN	FAX
Maritime Safety Office	571-557-8384	N/A	571-558-3213
World Wide Navigational Warning Service	571-557-5455	547-5455	571-558-3426
Maritime Safety Web site	571-557-7103	547-7103	N/A
Notice to Mariners: Regions 1 and 2	571-557-8282	547-8282	571-558-3213
Notice to Mariners: Regions 3 thru 9	571-557-8383	547-8383	571-558-3213
Sailing Directions, Fleet Guides	571-557-5831	547-5831	571-558-3213
Navigation Publications	571-557-8080	547-8080	571-558-3213
NGA/DLIS Catalog of Maps Charts and Related Products	269-961-7766	661-7766	269-961-7791

The Maritime Safety Web site can be accessed directly at **http://msi.nga.mil/NGAPortal/MSI.portal**. For your convenience NGA provides four e-mail addresses. For information affecting Notice to Mariners use MCDNtM@nga.mil, for information affecting Sailing Directions and all other navigational publications use MCDPubs@nga.mil, for information concerning the Maritime Safety Web site, use webmaster_nss@nga.mil and for information concerning the World Wide Navigational Warning Service, use NavSafety@nga mil.

Mariners are requested to notify NGA of discrepancies in charts and publications, using the Marine Information Report and Suggestion Sheet at the back of this Notice to Mariners. This form should also be used to report permanent changes, additions, or deletions from charted or published information. Reports which constitute an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. All reports are greatly appreciated. Marine Information Report and Suggestion sheets received during the past week were submitted by the following observers:

Observer	**Ship/Organization**
QM2 Micheal Gordon	USS CARTER HALL

Cover Photo: The **Charles W. Morgan,** Americas oldest commercial ship still afloat, was launched from the yard of Jethro and Zachariah Hillman in New Bedford, Massachusetts on July 21, 1841. Whaling was at its height when she was designed and constructed and over an 80-year whaling career, the Morgan embarked on 37 voyages, most lasting three years or more. Upon spying a whale, she would lower her boats and the crew would set out to harpoon their prey. If successful, the whale would be towed back to the ship to be processed for its oil, bone, teeth, baleen, and other materials. She typically sailed with a crew of about 35 and measures 113 feet in length, has a beam of 27 feet 6 inches and a draft of over 14 feet fully loaded. Her main truck is 110 feet above the deck and when fully-rigged, she is capable of carrying approximately 13,000 square feet of sail. The huge try-pots used for converting blubber into whale oil are forward; below are the cramped quarters in which her officers and men lived. In 1968 it was decided to restore her to the rig of a double-topsail bark, which she carried from 1867 through the end of her whaling career. The focus of the recent five-year restoration in the Henry B. duPont Preservation Shipyard at Mystic Seaport, was to address structural issues in the bow and stern and the hull below the waterline, the majority of which dated to the ships original construction. The final phase will involve rigging, restoring her interior, and installing temporary systems necessary to take her back to sea for a ceremonial 38th Voyage in late May 2014. The **Charles W. Morgan** is a National Historic Landmark on display at Mystic Seaport in Mystic, CT. Photo courtesy of Mystic Seaport.

INFORMATION OF SPECIAL INTEREST OR IMPORTANCE TO MARINERS

HYDROGRAM

National Geospatial-Intelligence Agency
Springfield, VA 22150-7500

SPECIAL ANNOUNCEMENTS
NEW PRODUCTS OR SERVICES
IMPORTANT CHANGES

NM 40/13

5 October 2013

NOAA CHART NEW EDITIONS AND THEIR AVAILABILITY

NOAA RECOGNIZES TWO PAPER NAUTICAL CHART PRODUCTS: CHARTS-ON-DEMAND AND TRADITIONAL NOAA/NOS PAPER CHARTS. FOR ADDITIONAL INFORMATION, SEE SECTIONS II AND III.

NEW EDITION OF COAST PILOT

U.S. COAST PILOT 2, ATLANTIC COAST: CAPE COD, MA TO SANDY HOOK, NJ, FORTY-THIRD EDITION, 2014, IS READY FOR ISSUE. SEE SECTIONS II AND III.

NEW EDITION OF SAILING DIRECTIONS

PUB. 174, SAILING DIRECTIONS (ENROUTE) STRAIT OF MALACCA AND SUMATERA, TWELFTH EDITION, 2013 IS AVAILABLE AT THE MARITIME SAFETY WEB SITE. THIS EDITION IS PRODUCED BY NGA IN DIGITAL FORMAT ONLY. SEE SECTIONS II AND III.

NGA DIGITAL NAUTICAL CHART NEW EDITIONS AND THEIR AVAILABILITY

DIGITAL NAUTICAL CHART (DNC) NEW EDITIONS HAVE BEEN POSTED ON NGA MARITIME SAFETY WEBSITES. FOR ADDITIONAL INFORMATION, SEE SECTION III.

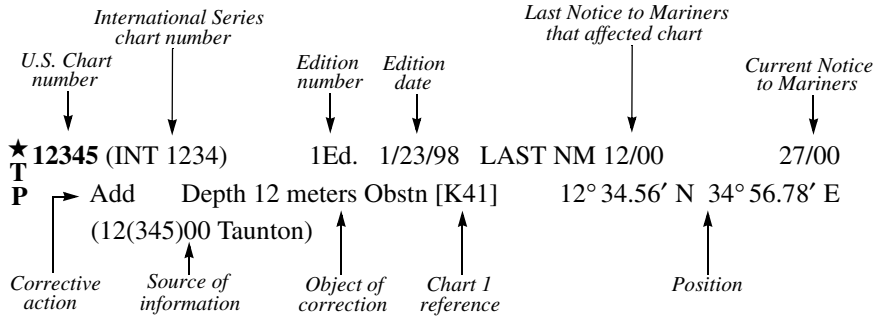
NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY'S IMPLEMENTATION OF A HARDCOPY TO DIGITAL TRANSITION STRATEGY

THIS NOTICE IS A REMINDER OF THE NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY (NGA) HARDCOPY TO DIGITAL TRANSITION PROGRAM. SEE SECTION III FOR DETAILS.

EXPLANATION OF CONTENTS

The Notice to Mariners contains corrective information affecting nautical charts, the NGA/DLIS Catalog of Maps Charts and Related Products, Coast Pilots, USCG Light Lists, NGA List of Lights and other related nautical publications. The information contained in these corrections is important to safe navigation. It is the user's responsibility to decide which of their charts and publications require correction. Consult the U.S. Coast Guard Local Notice to Mariners for information pertaining to waterways within the United States that are not normally used by oceangoing vessels. Because of the sometimes transitory nature of aids to navigation, depths and port information, local area sources should be consulted whenever possible. This publication is not required to be maintained intact. Portions may be separated for correction or attachment to an affected product. The Notice to Mariners is divided into the following sections:

Section I-1 contains corrections to nautical charts listed in numeric order by chart number. Each chart correction listed applies only to that particular chart. Related charts, if any, will have their own specific correction listed separately. Users should also refer to U.S. Chart 1 Nautical Chart Symbols, Abbreviations and Terms for additional information pertaining to the correcting of charts. The illustration below describes the elements that comprise a typical chart correction:



A chart correction preceded by:

★ indicates that it is based upon original U.S. source information.
T indicates that it is temporary in nature.
P indicates that it is preliminary, and that permanent corrective action will appear in a future Notice to Mariners.

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

The letter **N** preceding the current Notice to Mariners number indicates that the affected chart is on Limited Distribution and is normally only for use by U.S. Navy, government-owned or -chartered vessels.

Position coordinates are referred to the horizontal datum of the affected chart.

Courses and bearings are given in degrees true.

Light sectors are expressed in degrees true from the vessel TOWARD the light.

The visible range(s) listed for lights is normally the nominal range (the distance at which it can be seen in clear weather), expressed in nautical miles, except in the Great Lakes where it is expressed in statute miles.

The colors of structures and lights of navigational aids are abbreviated in accordance with Chart 1.

Section I-2* contains all chartlets, depth tabulations and notes associated with the chart corrections in Section I-1. Chartlets and depth tabulations supersede all previous information portrayed.

Section I-3 lists all NGA and NOS charts which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the oldest Summary of Corrections or the chart's announcement, whichever is later.

Section II-1 is a weekly listing of corrections to the NGA/DLIS Catalog of Maps Charts and Related Products, including new charts and publications. It also contains the latest price category information.

Section II-2* contains corrections to navigation publications, including Coast Pilots, *The American Practical Navigator,* and other related nautical publications.

Section II-3* lists weekly updates to the USCG Light Lists.

Section II-4* lists weekly updates to the NGA List of Lights.

Section II-5 lists all NGA, NOS and USCG navigation publications which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the publication's announcement.

Section III-1 lists the message number of all in-force Navigational Warnings, and the text of those warnings promulgated during the previous week. Notice to Mariners Nos. 13, 26 and 39 list a summary of all in-force Navigational Warnings for the preceding quarter. Notice to Mariners No. 52 lists a complete summary of all in-force Navigational Warnings.

Section III-2 contains miscellaneous information of particular interest to the maritime community.

*The left-hand pages of these sections are intentionally blank.

508 (INT 508) 2Ed. 5/18/96 LAST NM 49/11 40/13
Add Dangerous wreck [K28] (PA) 21° 02′ N 108° 29′ E
Dangerous wreck [K28] (PA) 21° 00′ N 108° 41′ E
(12(386, 387)13 Tianjin)

550 7Ed. 2/9/85 LAST NM 13/13 40/13
Add Dangerous wreck [K28] (PA) 21° 02.2′ N 108° 28.8′ E
Dangerous wreck [K28] (PA) 20° 59.9′ N 108° 41.0′ E
(12(386, 387)13 Tianjin)

700 (INT 700) 4Ed. 10/7/95 LAST NM 7/10 40/13
Substitute Depth 239 meters enclosed by depth contour (1000-meter) for 1180 meters 27° 29′ S 46° 17′ E
(NTM0005/2013)

1115A Ed. 10/10 LAST NM 35/13 40/13
Add Submarine pipeline [L40.1] between
29° 08.6′ N 88° 42.0′ W
29° 11.2′ N 88° 41.0′ W
(NOS)

1116A Ed. 4/13 LAST NM 37/13 40/13
Delete Dashed-line symbol and legend "Subm...ruins)" (PA) 29° 04.1′ N 92° 09.5′ W

Substitute Lighted buoy symbols (5) for articulated lights in vicinity 29° 11.3′ N 89° 53.4′ W

Change Legend to "5 Y, Fl Y 2.5s (Priv)" 29° 11.8′ N 89° 50.7′ W

Add Submarine pipeline [L40.1] between
28° 13.1′ N 89° 47.5′ W
28° 10.3′ N 89° 47.1′ W
(NOS; 29/13 CG8)

11009 39Ed. 4/11 LAST NM 8/13 40/13
Add Submarine cable [L30.1] joining 35° 20.0′ N 68° 09.1′ W
34° 52.2′ N 67° 29.1′ W
34° 42.5′ N 67° 10.1′ W
(NOS)

★11301 25Ed. 5/08 LAST NM 37/13 40/13
Delete Depth 66 feet 26° 31′ 39″N 97° 09′ 13″W

Danger circle "Obstn...rep)" 26° 31′ 33″N 97° 09′ 12″W
Note: Buoy remains

Add Obstruction "Fish haven (auth min 50ft)" bound by dotted line [K46.2] joining
26° 31′ 19″N 97° 09′ 28″W
26° 31′ 45″N 97° 09′ 27″W
26° 31′ 45″N 97° 08′ 58″W
26° 31′ 19″N 97° 08′ 59″W
(NOS)

★11323 64Ed. 4/12 LAST NM 27/13 40/13
Delete Platform 29° 10′ 09″N 94° 17′ 34″W
(29/13 CG8)

11340 77Ed. 4/13 LAST NM 37/13 40/13
Delete Dashed-line symbol and legend "Subm...ruins)" (PA) 29° 04.1′ N 92° 09.5′ W

Substitute Lighted buoy symbols (5) for articulated lights in vicinity 29° 11.3′ N 89° 53.4′ W

Change Legend to "5 Y, Fl Y 2.5s (Priv)" 29° 11.8′ N 89° 50.7′ W

Add Submarine pipeline [L40.1] between
28° 13.1′ N 89° 47.5′ W
28° 10.3′ N 89° 47.1′ W
(NOS; 29/13 CG8)

★11346 4Ed. 5/12 LAST NM 37/13 40/13
Delete Platform 29° 00′ 52.7″N 90° 16′ 37.6″W
Note: Platform close NW remains

Platform 29° 00′ 30.0″N 90° 16′ 18.6″W
Platform 29° 00′ 46.9″N 90° 15′ 14.8″W
(29/13 CG8)

★11349 45Ed. 8/12 LAST NM 37/13 40/13
Delete Danger circles (2) "Obstns" (PA) in vicinity
29° 04′ 08″N 92° 09′ 39″W
(29/13 CG8)

11352 42Ed. 7/12 LAST NM 27/13 40/13
Substitute Buoy "A" Y, Fl Y 2.5s (Priv) for articulated light 29° 11.6′ N 89° 53.0′ W
Buoy "B" Y, Fl Y 2.5s (Priv) for articulated light 29° 11.7′ N 89° 53.5′ W
Buoy "C" Y, Fl Y 2.5s (Priv) for articulated light 29° 11.2′ N 89° 53.9′ W
Buoy "D" Y, Fl Y 2.5s (Priv) for articulated light 29° 10.9′ N 89° 53.3′ W
Buoy "E" Y, Fl Y 2.5s (Priv) for articulated light 29° 11.0′ N 89° 52.8′ W
(29/13 CG8)

★11356 40Ed. 6/13 LAST NM 37/13 40/13
Delete Platform 28° 39′ 21″N 90° 55′ 30″W
Platform 28° 39′ 01″N 90° 55′ 03″W
Platform 28° 38′ 41″N 90° 53′ 19″W
Platform 28° 39′ 44″N 90° 52′ 38″W
(28, 29/13 CG8)

★11357 42Ed. 5/12 LAST NM 37/13 40/13
Delete Platform 29° 00′ 27″N 90° 39′ 26″W
Platform 29° 00′ 47″N 90° 15′ 15″W
(28, 29/13 CG8)

★11358 57Ed. 7/12 LAST NM 37/13 40/13
Delete Platform 28° 56′ 25″N 89° 57′ 09″W

Substitute Buoy "A" Y, Fl Y 2.5s (Priv) for articulated light 29° 11′ 37″N 89° 52′ 59″W
Buoy "B" Y, Fl Y 2.5s (Priv) for articulated light 29° 11′ 42″N 89° 53′ 30″W
Buoy "C" Y, Fl Y 2.5s (Priv) for articulated light 29° 11′ 13″N 89° 53′ 55″W
Buoy "D" Y, Fl Y 2.5s (Priv) for articulated light 29° 10′ 57″N 89° 53′ 20″W
Buoy "E" Y, Fl Y 2.5s (Priv) for articulated light 29° 11′ 03″N 89° 52′ 48″W

Add Submarine pipeline [L40.1] joining
29° 08′ 10″N 89° 32′ 00″W
29° 08′ 03″N 89° 32′ 32″W
29° 07′ 49″N 89° 32′ 14″W
(NOS; 28, 29/13 CG8)

11360 44Ed. 10/10 LAST NM 35/13 40/13
Add Submarine pipeline [L40.1] between
29° 08.6′ N 88° 42.0′ W
29° 11.2′ N 88° 41.0′ W
(NOS)

★11361 77Ed. 5/13 LAST NM 27/13 40/13
Add Submarine pipeline [L40.1] joining
29° 08′ 20″N 89° 31′ 18″W
29° 08′ 03″N 89° 32′ 32″W
29° 07′ 49″N 89° 32′ 14″W

Submarine pipeline [L40.1] between
29° 08′ 27″N 88° 42′ 04″W
29° 08′ 37″N 88° 42′ 00″W
(NOS)

11362 5Ed. 9/24/05 LAST NM N35/13 N40/13
Add Submarine pipeline [L40.1] between
29° 08.6′ N 88° 42.0′ W
29° 11.2′ N 88° 41.0′ W
(NOS)

★11366 15Ed. 8/12 LAST NM 37/13 40/13
Substitute Buoy "A" Y, Fl Y 2.5s (Priv) for articulated light 29° 11.6′ N 89° 53.0′ W
Buoy "B" Y, Fl Y 2.5s (Priv) for articulated light 29° 11.7′ N 89° 53.5′ W
Buoy "C" Y, Fl Y 2.5s (Priv) for articulated light 29° 11.2′ N 89° 53.9′ W

(continued on next page)

11366 (Continued)
Buoy "D" Y, Fl Y 2.5s (Priv) for articulated light 29° 10.9′ N 89° 53.3′ W
Buoy "E" Y, Fl Y 2.5s (Priv) for articulated light 29° 11.0′ N 89° 52.8′ W

Add Submarine pipeline [L40.1] between
28° 13.1′ N 89° 47.5′ W
28° 10.3′ N 89° 47.1′ W

Submarine pipeline [L40.1] between
28° 27.1′ N 89° 05.1′ W
28° 26.8′ N 89° 04.4′ W

Submarine pipeline [L40.1] between
29° 08.6′ N 88° 42.0′ W
29° 11.2′ N 88° 41.0′ W
(NOS; 29/13 CG8)

★11390 25Ed. 10/12 LAST NM 52/12 40/13
(Side B)
Delete Light 30° 13′ 28.6″N 85° 41′ 35.3″W
(29/13 CG8)

11472 35Ed. 2/11 LAST NM 29/13 40/13
(Side A)
Change Characteristic of light to Fl R 4s
27° 51′ 42.5″N 80° 26′ 45.1″W
and delete red sector
(29/13 CG7)

★11476 22Ed. 2/10 LAST NM 1/13 40/13
Change Characteristic of light to Fl R 4s
27° 51′ 42″N 80° 26′ 46″W
and delete red sector
(29/13 CG7)

11534 37Ed. 2/12 LAST NM 36/13 40/13
(Side A)
Change Legend to "32 FT 2013" 33° 56′ 02″N 77° 59′ 07″W
(NOS)

★11537 39Ed. 4/13 LAST NM 28/13 40/13
(Right Panel)
Change Legend to "32 FT 2013" 33° 56′ 02″N 77° 59′ 07″W
(NOS)

12200 50Ed. 7/11 LAST NM 34/13 40/13
Add Submarine cable [L30.1] joining 39° 10.0′ N 73° 42.3′ W
39° 05.9′ N 73° 40.0′ W
38° 57.2′ N 73° 36.0′ W
38° 22.9′ N 73° 06.5′ W
38° 15.8′ N 73° 01.2′ W
38° 11.8′ N 72° 49.6′ W
38° 03.0′ N 72° 27.0′ W
(NOS)

12201 27Ed. 5/4/13 LAST NM N39/13 N40/13
Add Submarine cable [L30.1] joining 39° 10.0′ N 73° 42.3′ W
39° 05.9′ N 73° 40.0′ W
38° 57.2′ N 73° 36.0′ W
38° 22.9′ N 73° 06.5′ W
38° 15.8′ N 73° 01.2′ W
38° 11.8′ N 72° 49.6′ W
38° 03.0′ N 72° 27.0′ W
(NOS)

12300 49Ed. 6/12 LAST NM 30/13 40/13
Add Submarine cable [L30.1] joining 39° 30.7′ N 74° 06.1′ W
39° 27.1′ N 73° 53.2′ W
39° 18.7′ N 73° 46.9′ W
39° 16.4′ N 73° 46.3′ W
38° 57.1′ N 73° 35.9′ W
38° 46.1′ N 73° 27.0′ W
(NOS)

12301 22Ed. 4/29/06 LAST NM N30/13 N40/13
Add Submarine cable [L30.1] joining 39° 30.7′ N 74° 06.1′ W
39° 27.1′ N 73° 53.2′ W
39° 18.7′ N 73° 46.9′ W
39° 16.4′ N 73° 46.3′ W
38° 57.1′ N 73° 35.9′ W
38° 46.1′ N 73° 27.0′ W
(NOS)

12318 45Ed. 4/10 LAST NM 39/13 40/13
Add Submarine cable [L30.1] joining
39° 30′ 59″N 74° 07′ 26″W
39° 30′ 17″N 74° 04′ 11″W
39° 27′ 57″N 73° 56′ 00″W
(NOS)

12323 26Ed. 12/12 LAST NM 34/13 40/13
Add Submarine cable [L30.1] joining
39° 31′ 55″N 74° 10′ 32″W
39° 31′ 46″N 74° 10′ 20″W
39° 30′ 18″N 74° 04′ 14″W
39° 27′ 22″N 73° 53′ 38″W
39° 27′ 11″N 73° 53′ 15″W
39° 27′ 00″N 73° 53′ 00″W
(NOS)

★13003 51Ed. 9/12 LAST NM 34/13 40/13
Add Submarine cable [L30.1] joining 39° 27.4′ N 73° 53.7′ W
39° 10.0′ N 73° 42.3′ W
38° 57.1′ N 73° 35.9′ W
38° 22.8′ N 73° 06.4′ W
38° 15.8′ N 73° 01.2′ W
38° 12.0′ N 72° 50.2′ W
37° 59.8′ N 72° 15.4′ W
37° 34.6′ N 71° 33.1′ W
37° 06.4′ N 70° 58.7′ W
37° 03.9′ N 70° 39.3′ W
35° 48.7′ N 68° 46.6′ W
35° 39.3′ N 68° 28.2′ W
35° 30.3′ N 68° 23.3′ W
34° 50.4′ N 67° 25.7′ W
34° 35.1′ N 66° 58.5′ W
(NOS)

13221 59Ed. 3/12 LAST NM 37/13 40/13
Substitute Depth 9 feet Rk [K14.1] for 15 feet
41° 28′ 26″N 71° 22′ 12″W

Add Depth 16 feet Wk [K26] 41° 29′ 32″N 71° 19′ 26″W
Depth 40 feet Wk [K26] 41° 31′ 59″N 71° 19′ 30″W
(NOS)

★13270 64Ed. 2/11 LAST NM 35/13 40/13
Delete Danger circle "Obstn" (PA) 42° 14′ 13.6″N 70° 58′ 06.1″W
(NOS)

★13272 52Ed. 4/12 LAST NM 35/13 40/13
Delete Depth 38 feet 42° 20′ 31.2″N 71° 01′ 27.3″W
Depth 39 feet 42° 20′ 31.2″N 71° 01′ 20.2″W
Depth 39 feet 42° 20′ 32.9″N 71° 00′ 58.5″W
Depth 40 feet 42° 20′ 31.5″N 71° 01′ 00.1″W

Add Depth 38 feet 42° 20′ 32.1″N 71° 00′ 57.6″W
Depth 39 feet 42° 20′ 33.0″N 71° 00′ 59.7″W
Depth 42 feet 42° 20′ 31.2″N 71° 01′ 23.3″W
Depth 42 feet 42° 20′ 31.3″N 71° 01′ 18.9″W
Depth 43 feet 42° 20′ 31.2″N 71° 01′ 28.5″W
(NOS)

14832 35Ed. 3/13 LAST NM 20/13 40/13
Add Dangerous wreck (Mast) [K25]
42° 52′ 20.4″N 78° 53′ 35.0″W
(29/13 CG9)

★14833 27Ed. 12/12 LAST NM 33/13 40/13
Add Dangerous wreck (Mast) [K25]
42° 52′ 20.4″N 78° 53′ 35.0″W
(29/13 CG9)

14901 15Ed. 8/06 LAST NM 34/13 40/13
Delete Buoy "ATW" 43° 05.9′ N 87° 51.0′ W
(Supersedes 29/13-14901)
(29/13 CG9)

★14904 27Ed. 12/12 LAST NM 37/13 40/13
Delete Buoy "ATW" 43° 05′ 54″N 87° 50′ 59″W
Buoy "SFS" 43° 05′ 47″N 87° 51′ 52″W
(Supersedes 29/13-14904)
(29/13 CG9)

14966 27Ed. 5/05 LAST NM 31/13 40/13
Delete Buoy "2" 46° 47′ 31″N 92° 05′ 22″W

Add Buoy (undesignated) BRB, can 46° 47′ 15″N 92° 05′ 23″W
(29/13 CG9)

★14975 35Ed. 12/07 LAST NM 1/13 40/13
Change Buoy "2" to (undesignated) BRB, can
46° 47′ 15.1″N 92° 05′ 22.6″W
(29/13 CG9)

★16595 16Ed. 10/12 LAST NM 8/13 40/13
Add Purple dashed line (alert area) [N1.2] joining
57° 45′ 12.0″N 152° 28′ 48.8″W
57° 45′ 22.9″N 152° 26′ 01.4″W
57° 44′ 44.4″N 152° 26′ 03.4″W
57° 44′ 58.6″N 152° 28′ 50.0″W

Legend "ALERT AREA (see note C)"
57° 45′ 03.7″N 152° 27′ 29.9″W
Note
"NOTE C
CAUTION
Vessels entering or departing Kodiak/St. Paul Harbor with an air draft of 138 feet or higher require operating changes for aircraft at the Kodiak airport and should notify the Federal Aviation Administration's (FAA) Anchorage Air Route Traffic Control Center at (907) 269-1103 of their presence. Additional information is available in Coast Pilot 9."
57° 46′ 21.0″N 152° 29′ 00.0″W
(NOS)

16596 13Ed. 10/12 LAST NM 8/13 40/13
Add Purple dashed line (alert area) [N1.2] joining
57° 45′ 12.0″N 152° 28′ 48.8″W
57° 45′ 22.9″N 152° 26′ 01.4″W
57° 44′ 44.4″N 152° 26′ 03.4″W
57° 44′ 58.6″N 152° 28′ 50.0″W

Legend "ALERT AREA (see note C)"
57° 45′ 03.7″N 152° 27′ 29.9″W
Note
"NOTE C
CAUTION
Vessels entering or departing Kodiak/St. Paul Harbor with an air draft of 138 feet or higher require operating changes for aircraft at the Kodiak airport and should notify the Federal Aviation Administration's (FAA) Anchorage Air Route Traffic Control Center at (907) 269-1103 of their presence. Additional information is available in Coast Pilot 9."
57° 44′ 51.0″N 152° 30′ 36.5″W
(NOS)

18005 6Ed. 12/1/12 LAST NM N38/13 N40/13
Delete Buoy 38° 03.0′ N 123° 27.4′ W
(36/13 CG11)

18007 33Ed. 2/09 LAST NM 36/13 40/13
Delete Buoy 38° 03.0′ N 123° 27.4′ W
(36/13 CG11)

18009 4Ed. 12/8/12 LAST NM N34/13 N40/13
Delete Buoy 38° 03.0′ N 123° 27.4′ W
(36/13 CG11)

18010 22Ed. 9/12 LAST NM 34/13 40/13
Delete Buoy 38° 03.0′ N 123° 27.4′ W
(36/13 CG11)

18020 39Ed. 1/12 LAST NM 39/13 40/13
Delete Buoy 38° 03.0′ N 123° 27.4′ W
(36/13 CG11)

18022 36Ed. 6/11 LAST NM 39/13 40/13
Delete Buoy 38° 03.0′ N 123° 27.4′ W
(36/13 CG11)

18421 51Ed. 5/13 LAST NM 33/13 40/13
Add Light "A" FY (Priv) 48° 36′ 14″N 123° 10′ 21″W
Light "B" FY (Priv) 48° 36′ 14″N 123° 10′ 19″W
Light "C" FY (Priv) 48° 36′ 13″N 123° 10′ 19″W
Light (undesignated) FY (Priv)
48° 32′ 03″N 123° 00′ 33″W
(31/13 CG13)

18423 38Ed. 10/11 LAST NM 33/13 40/13
(Page C, Inset 5)
Add Light "A" FY (Priv) 48° 36′ 14.3″N 123° 10′ 21.4″W
Light "B" FY (Priv) 48° 36′ 13.9″N 123° 10′ 19.5″W
Light "C" FY (Priv) 48° 36′ 13.0″N 123° 10′ 18.9″W

(Page D, Inset 7)
Add Light (undesignated) FY (Priv)
48° 32′ 03.2″N 123° 00′ 33.3″W
(31/13 CG13)

★18433 6Ed. 4/05 LAST NM 19/12 40/13
Add Light "A" FY (Priv) 48° 36′ 14.3″N 123° 10′ 21.4″W
Light "B" FY (Priv) 48° 36′ 13.9″N 123° 10′ 19.5″W
Light "C" FY (Priv) 48° 36′ 13.0″N 123° 10′ 18.9″W
(31/13 CG13)

★18434 7Ed. 4/08 LAST NM 22/12 40/13
Add Light FY (Priv) 48° 32′ 03.2″N 123° 00′ 33.3″W
(31/13 CG13)

18440 30Ed. 10/10 LAST NM 38/13 40/13
Add Buoy Y, Fl Y 4s (Priv) 47° 33.2′ N 122° 24.4′ W
(31/13 CG13)

18445 34Ed. 4/12 LAST NM 38/13 40/13
(Page A)
Add Buoy Y, Fl Y 4s (Priv) 47° 33′ 14″N 122° 24′ 22″W
(31/13 CG13)

18448 35Ed. 4/12 LAST NM 38/13 40/13
Add Buoy Y, Fl Y 4s (Priv) 47° 33′ 14″N 122° 24′ 22″W
(31/13 CG13)

18449 19Ed. 5/11 LAST NM 30/13 40/13
Add Buoy Y, Fl Y 4s (Priv) 47° 33′ 13.8″N 122° 24′ 22.0″W
(31/13 CG13)

★18450 19Ed. 11/12 LAST NM 30/13 40/13
Add Buoy Y, Fl Y 4s (Priv) 47° 33′ 13.8″N 122° 24′ 22.0″W
(31/13 CG13)

18461 1Ed. 7/1/05 LAST NM N19/12 N40/13
Add Light "A" FY (Priv) 48° 36′ 14″N 123° 10′ 21″W
Light "B" FY (Priv) 48° 36′ 14″N 123° 10′ 19″W
Light "C" FY (Priv) 48° 36′ 13″N 123° 10′ 19″W
(31/13 CG13)

18474 9Ed. 5/11 LAST NM 30/13 40/13
Add Buoy Y, Fl Y 4s (Priv) 47° 33′ 13.8″N 122° 24′ 22.0″W
(31/13 CG13)

★18502 87Ed. 9/11 LAST NM 35/13 40/13
Add Visibility (range) 5M to light "16"
46° 55′ 08.4″N 124° 05′ 00.8″W
(31/13 CG13)

★18521 74Ed. 8/09 LAST NM 36/13 40/13
(Inset)
Add Buoy "5" G, can 46° 16′ 20.8″N 124° 01′ 51.7″W
(31/13 CG13)

18525 37Ed. 6/12 LAST NM 38/13 40/13
Change Light to FY (Priv) 45° 37′ 23.5″N 122° 47′ 16.4″W
Light to FY (Priv) 45° 37′ 21.0″N 122° 47′ 16.4″W
(31/13 CG13)

★18526 60Ed. 6/12 LAST NM 38/13 40/13
Change Legend to "2 FY (Priv)" 45° 37′ 23.7″N 122° 47′ 06.2″W

(Inset)
Change Legend to "2 FY (Priv)" 45° 37′ 22.7″N 122° 47′ 21.0″W
(31/13 CG13)

18640 26Ed. 5/13 LAST NM 33/13 40/13
Delete Buoy 38° 03.0′ N 123° 27.4′ W
(36/13 CG11)

★18645 28Ed. 5/13 LAST NM 33/13 40/13
Delete Buoy 38° 03′ 01″N 123° 27′ 23″W
(36/13 CG11)

18649 68Ed. 6/13 LAST NM 39/13 40/13
Delete Buoy "C" 37° 50′ 11.3″N 122° 21′ 17.8″W
Buoy "D" 37° 50′ 22.2″N 122° 21′ 36.4″W
Buoy "E" 37° 50′ 32.7″N 122° 21′ 46.8″W
Buoy "H" 37° 50′ 01.6″N 122° 21′ 30.8″W
Buoy "I" 37° 50′ 07.6″N 122° 21′ 40.0″W
Buoy "L" 37° 49′ 52.0″N 122° 21′ 00.7″W
Buoy "M" 37° 50′ 01.0″N 122° 21′ 06.7″W
Buoy "N" 37° 50′ 09.5″N 122° 21′ 12.5″W
Buoy "O" 37° 50′ 26.8″N 122° 21′ 22.3″W
Buoy "P" 37° 50′ 33.4″N 122° 21′ 32.8″W
(37/13 CG11)

★18650 56Ed. 9/09 LAST NM 39/13 40/13
Delete Buoy "C" 37° 50′ 11.0″N 122° 21′ 19.4″W
Buoy "D" 37° 50′ 22.1″N 122° 21′ 38.0″W
Buoy "E" 37° 50′ 32.5″N 122° 21′ 48.3″W
Buoy "H" 37° 50′ 01.5″N 122° 21′ 32.5″W
Buoy "I" 37° 50′ 07.5″N 122° 21′ 41.6″W
Buoy "L" 37° 49′ 52.0″N 122° 21′ 02.3″W
Buoy "M" 37° 50′ 00.9″N 122° 21′ 08.3″W
Buoy "N" 37° 50′ 09.4″N 122° 21′ 14.1″W
Buoy "O" 37° 50′ 26.6″N 122° 21′ 24.1″W
Buoy "P" 37° 50′ 33.1″N 122° 21′ 34.5″W
(37/13 CG11)

18652 36Ed. 2/11 LAST NM 39/13 40/13
(Page B, Inset 5)
Delete Buoy "C" 37° 50′ 11″N 122° 21′ 19″W
Buoy "D" 37° 50′ 22″N 122° 21′ 38″W
Buoy "E" 37° 50′ 32″N 122° 21′ 48″W
Buoy "H" 37° 50′ 01″N 122° 21′ 32″W
Buoy "I" 37° 50′ 07″N 122° 21′ 42″W
Buoy "L" 37° 49′ 52″N 122° 21′ 02″W
Buoy "M" 37° 50′ 01″N 122° 21′ 08″W
Buoy "N" 37° 50′ 09″N 122° 21′ 14″W
Buoy "O" 37° 50′ 27″N 122° 21′ 24″W
Buoy "P" 37° 50′ 33″N 122° 21′ 34″W
(37/13 CG11)

18721 12Ed. 12/09 LAST NM 31/13 40/13
Delete Buoy (mooring) 34° 20′ 42″N 120° 16′ 24″W
(36/13 CG11)

18740 44Ed. 7/13 LAST NM 39/13 40/13
Delete Buoy "B" 33° 42.0′ N 118° 12.1′ W
(37/13 CG11)

18746 39Ed. 6/13 LAST NM 37/13 40/13
Delete Buoy "B" 33° 42′ 00″N 118° 12′ 02″W
(37/13 CG11)

18749 43Ed. 4/10 LAST NM 32/13 40/13
Delete Buoy "B" 33° 42′ 00.2″N 118° 12′ 03.2″W
(37/13 CG11)

★18751 46Ed. 8/09 LAST NM 28/13 40/13
Delete Buoy "B" 33° 42′ 00.2″N 118° 12′ 03.2″W
(37/13 CG11)

19339 2Ed. 5/6/06 LAST NM N30/13 N40/13
Delete Buoy "B" 21° 29.0′ N 157° 44.0′ W
Buoy "C" 21° 28.8′ N 157° 42.8′ W
(34/13 CG14)

19340 27Ed. 3/08 LAST NM 30/13 40/13
Delete Buoy "A" 21° 28.4′ N 157° 43.9′ W
Buoy "B" 21° 29.0′ N 157° 44.0′ W
Buoy "C" 21° 28.8′ N 157° 42.8′ W
Buoy "E" 21° 27.7′ N 157° 42.5′ W
(34/13 CG14)

★19357 25Ed. 3/13 LAST NM 32/13 40/13
Delete Buoy "A" 21° 28′ 21″N 157° 43′ 51″W
Buoy "B" 21° 28′ 59″N 157° 44′ 00″W
Buoy "C" 21° 28′ 48″N 157° 42′ 49″W
Buoy "E" 21° 27′ 43″N 157° 42′ 30″W
(34/13 CG14)

23115 3Ed. 7/12/97 LAST NM 22/13 40/13
Add Foul ground symbol [K31.1] 40° 53.7′ S 64° 55.0′ W
(8(122)13 Buenos Aires)

24052 17Ed. 4/30/11 LAST NM N27/13 N40/13
Add Foul ground symbol [K31.1] 34° 44′ 08″S 57° 49′ 56″W
(8(119)13 Buenos Aires)

24055 7Ed. 12/8/12 LAST NM N27/13 N40/13
Add Foul ground symbol [K31.1] 34° 44.1′ S 57° 49.9′ W
(8(119)13 Buenos Aires)

25575 4Ed. 6/10/95 LAST NM 52/11 40/13
Change Period of range light, front to 6s
17° 07′ 04″N 61° 50′ 39″W

(Plan)
Change Period of range light, front to 6s
17° 07′ 04.5″N 61° 50′ 38.9″W
(See 14/04-25575)
(UKHO LL)

29101 6Ed. 5/31/97 LAST NM 9/13 40/13
Add Foul ground symbol [K31.1] (PA) 62° 05.7′ S 58° 21.5′ W
(8(126)13 Buenos Aires)

★36042 (INT 1654) 2Ed. 6/27/13 NEW EDITION N40/13
(NGA)

★37028 (INT 1563) 4Ed. 6/27/13 NEW EDITION N40/13
(NGA)

★37055 (INT 1510) 1Ed. 6/20/13 NEW EDITION N40/13
(NGA)

44319 3Ed. 5/1/10 LAST NM 7/13 40/13
Delete Pilot station symbol 59° 07.2′ N 22° 56.5′ E

Change Legend "Neupokojeva Bank" to
"Kuivalouka kuiv" 58° 52.9′ N 21° 47.5′ E

Add Pilot station symbol [T1.1] 59° 01.0′ N 23° 05.0′ E
(3(40, 41, 50)13 Tallinn)

44340 12Ed. 2/2/08 LAST NM 39/13 40/13
Delete Dangerous wreck 59° 38.0′ N 24° 47.1′ E
(See 39/13-44340)

Add Buoy BY, pillar, double cone topmark points
upward, Q [Q130.3] 59° 40.4′ N 26° 48.1′ E
Buoy YB, pillar, double cone topmark points
downward, Q(6) + LFl 15s [Q130.3] 59° 37.2′ N 26° 46.7′ E
Buoy YB, pillar, double cone topmark points
downward, Q(6) + LFl 15s [Q130.3] 59° 36.7′ N 26° 42.2′ E
Buoy YB, pillar, double cone topmark points
downward, Q(6) + LFl 15s [Q130.3] 59° 38.1′ N 26° 33.9′ E
Buoy BY, pillar, double cone topmark points
upward, Q [Q130.3] 59° 38.7′ N 26° 40.8′ E

(continued on next page)

44340 (Continued)
Buoy BY, pillar, double cone topmark points upward, Q [Q130.3] 59° 38.6′ N 25° 54.4′ E
(6(101-105, 107, 108)13 Tallinn)

44352 4Ed. 12/1/12 LAST NM N39/13 N40/13
Delete Dangerous wreck, purple composite-line circle and legend "(See Caution No 6)" 59° 37′ 57″N 24° 47′ 05″E
(See N39/13-44352)
(6(108)13 Tallinn)

44360 10Ed. 2/2/08 LAST NM 38/13 40/13
Add Buoy BY, pillar, double cone topmark points upward, Q [Q130.3] 59° 40.4′ N 26° 48.1′ E
Buoy YB, pillar, double cone topmark points downward, Q(6) + LFl 15s [Q130.3] 59° 37.2′ N 26° 46.7′ E
Buoy YB, pillar, double cone topmark points downward, Q(6) + LFl 15s [Q130.3] 59° 36.7′ N 26° 42.2′ E
Buoy YB, pillar, double cone topmark points downward, Q(6) + LFl 15s [Q130.3] 59° 38.1′ N 26° 33.9′ E
Buoy BY, pillar, double cone topmark points upward, Q [Q130.3] 59° 38.7′ N 26° 40.8′ E
(6(101-105)13 Tallinn)

44400 5Ed. 1/23/10 LAST NM 39/13 40/13
Delete Legend "Kuivalouka kuiv" 58° 50.7′ N 22° 15.0′ E

Substitute Depth 2.9 meters Wk [K26] for 2.6 meters Wk 58° 36.5′ N 22° 59.4′ E

Add Rock which does not cover [K10] 59° 04.7′ N 22° 41.6′ E

Radio mast symbol [E28] with legend "(88)" 58° 36.2′ N 22° 50.4′ E
Radio mast symbol [E28] with legend "(98)" 58° 40.3′ N 23° 11.6′ E
Radio mast symbol [E28] with legend "(86)" 58° 30.2′ N 23° 11.4′ E
(3(51), 5(97), 6(122, 123, 125, 127)13 Tallinn)

54480 9Ed. 12/29/12 LAST NM N39/13 N40/13
Relocate Pilot station symbol from 36° 51.8′ N 36° 00.0′ E to 36° 52.6′ N 35° 58.9′ E
Pilot station symbol from 36° 48.2′ N 36° 01.5′ E to 36° 48.1′ N 36° 05.1′ E

Add Purple heavy dashed line (outside limit of traffic lane) [M15] between 36° 32.3′ N 35° 35.1′ E
36° 46.0′ N 35° 54.6′ E

Purple heavy dashed line (outside limit of traffic lane) [M15] joining 36° 23.1′ N 35° 43.5′ E
36° 36.9′ N 36° 03.1′ E
36° 36.8′ N 36° 06.9′ E

Purple heavy dashed line (outside limit of traffic lane) [M15] between 36° 45.4′ N 36° 02.9′ E
36° 43.6′ N 36° 04.6′ E

Purple heavy dashed line (outside limit of traffic lane) [M15] between 36° 46.9′ N 36° 05.3′ E
36° 45.1′ N 36° 06.9′ E

Purple tint area (traffic separation zone) [M13] bound by limit joining 36° 30.8′ N 35° 36.6′ E
36° 44.4′ N 35° 56.0′ E
36° 43.7′ N 35° 56.6′ E
36° 30.2′ N 35° 37.2′ E

Purple tint area (traffic separation zone) [M13] bound by limit joining 36° 28.6′ N 35° 38.6′ E
36° 43.3′ N 35° 59.6′ E
36° 41.6′ N 36° 01.3′ E
36° 26.8′ N 35° 40.2′ E

Purple tint area (traffic separation zone) [M13] bound by limit joining 36° 25.3′ N 35° 41.6′ E
36° 38.9′ N 36° 01.1′ E
36° 38.3′ N 36° 01.7′ E
36° 24.7′ N 35° 42.2′ E

Purple tint area (traffic separation zone) [M13] bound by limit joining 36° 37.7′ N 36° 04.1′ E
36° 38.8′ N 36° 05.5′ E
36° 37.7′ N 36° 06.8′ E

Purple tint area (traffic separation zone) [M13] bound by limit joining 36° 46.0′ N 36° 03.9′ E
36° 46.2′ N 36° 04.3′ E
36° 44.5′ N 36° 05.9′ E
36° 44.3′ N 36° 05.6′ E

Open-outlined arrow indicating flow of traffic [M10] oriented 229° 36° 34.3′ N 35° 40.5′ E
Open-outlined arrow indicating flow of traffic [M10] oriented 049° 36° 31.2′ N 35° 40.8′ E
Open-outlined arrow indicating flow of traffic [M10] oriented 229° 36° 29.0′ N 35° 45.8′ E
Open-outlined arrow indicating flow of traffic [M10] oriented 049° 36° 26.1′ N 35° 46.1′ E
Open-outlined arrow indicating flow of traffic [M10] oriented 229° 36° 42.7′ N 35° 51.7′ E
Open-outlined arrow indicating flow of traffic [M10] oriented 049° 36° 39.3′ N 35° 51.7′ E
Open-outlined arrow indicating flow of traffic [M10] oriented 229° 36° 37.1′ N 35° 56.8′ E
Open-outlined arrow indicating flow of traffic [M10] oriented 049° 36° 33.8′ N 35° 57.1′ E
Open-outlined arrow indicating flow of traffic [M10] oriented 089° 36° 37.3′ N 36° 04.5′ E
Open-outlined arrow indicating flow of traffic [M10] oriented 314° 36° 38.4′ N 36° 07.0′ E
Open-outlined arrow indicating flow of traffic [M10] oriented 143° 36° 44.9′ N 36° 04.4′ E
Open-outlined arrow indicating flow of traffic [M10] oriented 321° 36° 45.5′ N 36° 05.7′ E

Precautionary area symbol [M16] 36° 39.3′ N 36° 05.4′ E
Pilot station symbol [T1.1] 36° 44.1′ N 36° 09.5′ E
Pilot station symbol [T1.1] 36° 40.7′ N 36° 10.5′ E
Pilot station symbol [T1.1] 36° 36.8′ N 36° 10.8′ E
Note from Subsection I-2 34° 04.0′ N 36° 10.2′ E
(Trk CH 33; UKHO ARCS 0246-0)

54481 9Ed. 3/12/05 LAST NM 4/13 40/13
Relocate Pilot station symbol "Botas" from 36° 49′ 26″N 35° 56′ 59″E to 36° 50′ 05″N 35° 57′ 02″E
Pilot station symbol "Toros Gubre" from 36° 51′ 56″N 35° 59′ 59″E to 36° 52′ 36″N 35° 58′ 51″E
Pilot station symbol "Dortyol" from 36° 48′ 08″N 36° 05′ 58″E to 36° 48′ 08″N 36° 05′ 04″E

Add Purple heavy dashed line (outside limit of traffic lane) [M15] between 36° 32′ 16″N 35° 35′ 07″E
36° 46′ 01″N 35° 54′ 34″E

Purple heavy dashed line (outside limit of traffic lane) [M15] joining 36° 23′ 06″N 35° 43′ 32″E
36° 36′ 54″N 36° 03′ 04″E
36° 36′ 51″N 36° 06′ 52″E

Purple heavy dashed line (outside limit of traffic lane) [M15] between 36° 45′ 27″N 36° 02′ 53″E
36° 43′ 39″N 36° 04′ 33″E

Purple heavy dashed line (outside limit of traffic lane) [M15] between 36° 46′ 56″N 36° 05′ 16″E
36° 45′ 08″N 36° 06′ 52″E

Purple tint area (traffic separation zone) [M13] bound by limit joining 36° 30′ 49″N 35° 36′ 37″E
36° 44′ 25″N 35° 55′ 59″E
36° 43′ 45″N 35° 56′ 37″E
36° 30′ 11″N 35° 37′ 10″E

Purple tint area (traffic separation zone) [M13] bound by limit joining 36° 28′ 37″N 35° 38′ 35″E
36° 43′ 18″N 35° 59′ 35″E
36° 41′ 36″N 36° 01′ 17″E
36° 26′ 50″N 35° 40′ 11″E

Purple tint area (traffic separation zone) [M13] bound by limit joining 36° 25′ 18″N 35° 41′ 36″E
36° 38′ 57″N 36° 01′ 05″E
36° 38′ 21″N 36° 01′ 40″E
36° 24′ 41″N 35° 42′ 11″E

Purple tint area (traffic separation zone) [M13] bound by limit joining 36° 37′ 45″N 36° 04′ 06″E
36° 38′ 48″N 36° 05′ 28″E
36° 37′ 43″N 36° 06′ 50″E

(continued on next page)

54481 (Continued)
Purple tint area (traffic separation zone) [M13]
bound by limit joining 36° 45′ 59″N 36° 03′ 55″E
36° 46′ 12″N 36° 04′ 18″E
36° 44′ 30″N 36° 05′ 55″E
36° 44′ 16″N 36° 05′ 34″E

Open-outlined arrow indicating flow of traffic
[M10] oriented 229° 36° 34′ 43″N 35° 40′ 30″E
Open-outlined arrow indicating flow of traffic
[M10] oriented 049° 36° 31′ 14″N 35° 40′ 46″E
Open-outlined arrow indicating flow of traffic
[M10] oriented 229° 36° 29′ 01″N 35° 45′ 46″E
Open-outlined arrow indicating flow of traffic
[M10] oriented 049° 36° 26′ 30″N 35° 46′ 38″E
Open-outlined arrow indicating flow of traffic
[M10] oriented 229° 36° 42′ 39″N 35° 51′ 42″E
Open-outlined arrow indicating flow of traffic
[M10] oriented 049° 36° 39′ 19″N 35° 51′ 42″E
Open-outlined arrow indicating flow of traffic
[M10] oriented 229° 36° 37′ 54″N 35° 57′ 54″E
Open-outlined arrow indicating flow of traffic
[M10] oriented 049° 36° 34′ 27″N 35° 58′ 05″E
Open-outlined arrow indicating flow of traffic
[M10] oriented 089° 36° 37′ 21″N 36° 04′ 33″E
Open-outlined arrow indicating flow of traffic
[M10] oriented 314° 36° 38′ 25″N 36° 06′ 59″E
Open-outlined arrow indicating flow of traffic
[M10] oriented 143° 36° 44′ 53″N 36° 04′ 22″E
Open-outlined arrow indicating flow of traffic
[M10] oriented 321° 36° 45′ 30″N 36° 05′ 41″E

Precautionary area symbol [M16]
36° 39′ 19″N 36° 05′ 24″E
Pilot station symbol [T1.1] 36° 44′ 04″N 36° 09′ 31″E
Pilot station symbol [T1.1] 36° 40′ 44″N 36° 10′ 31″E
Pilot station symbol [T1.1] 36° 36′ 49″N 36° 10′ 46″E
Note from Subsection I-2 36° 49′ 00″N 35° 33′ 57″E

(Plan)
Add Pilot station symbol [T1.1] 36° 40′ 43.8″N 36° 10′ 31.4″E
Pilot station symbol [T1.1] 36° 36′ 48.9″N 36° 10′ 45.8″E
(Trk CH 33; UKHO ARCS 0246-0)

★61500 2Ed. 12/2/95 LAST NM 8/08 40/13
Add Depth 239 meters enclosed by depth contour
(1000-meter) centered 27° 29.1′ S 46° 16.6′ E
(NTM0005/2013)

63010 14Ed. 1/18/86 LAST NM 35/13 40/13
Change Light to Fl R 10M 6° 57.3′ N 79° 50.9′ E
(UKHO ARCS 1655-1)

63220 5Ed. 9/8/01 LAST NM 25/12 40/13
Delete Beacon 6° 58.3′ N 79° 50.1′ E

Add Pilot station symbol [T1.1] 7° 00.5′ N 79° 47.5′ E
(25(2706)13 Taunton; UKHO ARCS 1655-1)

63230 6Ed. 8/4/01 LAST NM 22/13 40/13
Delete Beacon 6° 58.4′ N 79° 50.1′ E

Add Pilot station symbol [T1.1] 7° 00.5′ N 79° 47.5′ E
(25(2706)13 Taunton; UKHO ARCS 1655-1)

63231 9Ed. 1/27/07 LAST NM N50/12 N40/13
Delete Submarine pipeline and legend "Sewer"
between 6° 57′ 49″N 79° 51′ 43″E
6° 58′ 31″N 79° 50′ 56″E

Add Pilot station symbol [T1.1] 7° 00′ 30″N 79° 47′ 30″E

Submarine pipeline (sewer) [L41.1] between
6° 57′ 49″N 79° 51′ 43″E
6° 58′ 32″N 79° 51′ 10″E

Chartlet, depicting changes in hydrography,
topography and aids to navigation, from
Subsection I-2 6° 59′ 00″N 79° 50′ 00″E
(25(2706)13 Taunton; UKHO ARCS 1655-1)

63233 16Ed. 8/5/06 LAST NM 30/11 40/13
Delete Submarine pipeline and legend "Sewer"
between 6° 57′ 49.0″N 79° 51′ 43.8″E
6° 58′ 30.1″N 79° 50′ 55.3″E

Buoy "No 14" 6° 57′ 53.4″N 79° 51′ 10.9″E
Buoy "No 12" 6° 58′ 09.2″N 79° 51′ 12.0″E

Dashed line between 6° 57′ 54.4″N 79° 51′ 11.0″E
6° 58′ 19.7″N 79° 51′ 00.0″E

Dashed line between 6° 57′ 46.8″N 79° 51′ 00.0″E
6° 57′ 39.6″N 79° 51′ 05.8″E

Submarine pipeline and legend "Gas
CAUTION NO 1" joining 6° 58′ 45.7″N 79° 49′ 18.7″E
6° 58′ 48.0″N 79° 47′ 00.0″E

Legend "NOTE NO 3" 6° 57′ 41.0″N 79° 51′ 08.0″E

Relocate Pilot station symbol from
6° 58′ 38.0″N 79° 49′ 08.4″E to
6° 59′ 00.0″N 79° 48′ 30.0″E
and add legend "A"

Change Note No. 3 of NOTES note to "3. Reserved."
6° 53′ 56.1″N 79° 52′ 14.8″E

Add Chartlet A, depicting changes in hydrography,
topography and aids to navigation, from
Subsection I-2 6° 58′ 00.0″N 79° 50′ 00.0″E
Chartlet B, depicting changes in hydrography,
topography and aids to navigation, from
Subsection I-2 6° 57′ 00.0″N 79° 50′ 00.0″E

Dashed line between 6° 57′ 54.4″N 79° 51′ 11.0″E
6° 58′ 04.9″N 79° 51′ 00.0″E

Submarine pipeline [L40.1] with legend "Gas
CAUTION NO 1" between 6° 58′ 48.0″N 79° 49′ 18.7″E
6° 58′ 45.0″N 79° 47′ 58.2″E
6° 58′ 49.4″N 79° 47′ 09.7″E
6° 58′ 48.3″N 79° 47′ 00.0″E

Dashed line between 6° 57′ 44.9″N 79° 51′ 00.0″E
6° 57′ 39.6″N 79° 51′ 05.8″E

Dashed line between 6° 59′ 41.7″N 79° 49′ 19.1″E
6° 58′ 55.1″N 79° 50′ 07.9″E

Dashed line between 7° 00′ 02.5″N 79° 48′ 30.7″E
6° 58′ 55.1″N 79° 49′ 30.8″E

Dashed line joining 6° 58′ 55.1″N 79° 50′ 01.0″E
6° 59′ 11.7″N 79° 49′ 49.1″E
7° 00′ 58.5″N 79° 47′ 59.2″E

Submarine pipeline (sewer) [L41.1] joining
6° 57′ 49.1″N 79° 51′ 43.9″E
6° 58′ 35.9″N 79° 51′ 08.0″E
6° 58′ 31.5″N 79° 51′ 02.7″E

Buoy Y, can, "X" topmark, Fl 3s
6° 58′ 31.0″N 79° 51′ 02.2″E

Buoy "No 16" R, pillar, can topmark,
Fl R 5s AIS 6° 57′ 54.4″N 79° 51′ 11.0″E
Buoy "No 8" R, pillar, can topmark,
Fl(3) R 6s AIS 6° 59′ 11.7″N 79° 49′ 49.1″E
Buoy "No 6" R, pillar, can topmark,
Fl(3) R 6s 6° 59′ 41.7″N 79° 49′ 19.1″E
Buoy "No 4" R, pillar, can topmark,
Fl(3) R 6s AIS 7° 00′ 15.9″N 79° 48′ 43.6″E
Buoy "No 3" G, pillar, cone topmark,
Fl(3) G 6s AIS 6° 59′ 25.9″N 79° 49′ 03.9″E
Buoy "No 2" R, pillar, can topmark,
Fl(3) R 6s AIS 7° 00′ 58.5″N 79° 47′ 59.2″E
Buoy "No 1" G, pillar, cone topmark,
Fl(3) G 6s AIS 7° 00′ 02.5″N 79° 48′ 30.7″E

Pilot station symbol [T1.2] with legend "B"
7° 00′ 30.0″N 79° 47′ 30.0″E
(25(2706)13 Taunton; UKHO ARCS 1655-0, 1655-1)

71265 4Ed. 3/8/08 LAST NM 29/13 40/13
Change Height of light to 30m 1° 23.4′ N 103° 07.9′ E
(76/12 Malaysia)

71275 4Ed. 3/8/08 LAST NM 38/13 40/13
Change Height of light to 30m 1° 23.4′ N 103° 07.9′ E

(continued on next page)

71275 (Continued)
Add Purple composite line (submarine cable area limit) [L30.2] joining 2° 20.0′ N 102° 03.8′ E
2° 18.0′ N 102° 02.1′ E
2° 12.3′ N 102° 02.2′ E
2° 11.3′ N 102° 01.4′ E
2° 10.2′ N 102° 02.7′ E
2° 11.5′ N 102° 03.7′ E
2° 17.5′ N 102° 03.6′ E
2° 18.5′ N 102° 04.5′ E
(76/12, 50/13 Malaysia)

71440 2Ed. 1/18/03 LAST NM 29/13 40/13
Add Light Fl R 3s 5m 5M, Fl G 3s 5m 5M 2° 09.3′ N 104° 00.4′ E
(99/13 Malaysia)

93010 6Ed. 1/9/99 LAST NM 37/13 40/13
Add Platform (lighted) [L10] 7° 00.2′ N 103° 13.2′ E
Platform (lighted) [L10] 7° 35.5′ N 102° 59.2′ E
Platform (lighted) [L10] 7° 34.6′ N 102° 55.1′ E
Platform (lighted) [L10] 7° 35.2′ N 102° 57.6′ E
Platform (lighted) [L10] 7° 30.1′ N 103° 16.5′ E
Platform (lighted) [L10] 7° 36.8′ N 102° 58.3′ E
(29/10, 48/13 Malaysia)

93018 8Ed. 3/6/99 LAST NM 37/13 40/13
Delete Light 5° 38.7′ N 102° 46.8′ E

Add Platform (lighted) "Bunga Kamelia A" [L2] 7° 00.2′ N 103° 13.2′ E
Platform (lighted) "MDPP" [L2] 7° 35.5′ N 102° 59.2′ E
Platform (lighted) "MDB" [L2] 7° 34.6′ N 102° 55.1′ E
Platform (lighted) "MDC" [L2] 7° 35.2′ N 102° 57.6′ E
Platform (lighted) "JKA" [L2] 7° 30.1′ N 103° 16.5′ E
Platform (lighted) "FSO Ratu Songkhla" [L2] 7° 36.8′ N 102° 58.3′ E
(29/10, 80/12, 48/13 Malaysia)

93032 4Ed. 5/17/08 LAST NM 39/13 40/13
Add Dangerous wreck [K28] (PA) 21° 02.2′ N 108° 28.8′ E
Dangerous wreck [K28] (PA) 20° 59.9′ N 108° 41.0′ E
(12(386, 387)13 Tianjin)

93036 12Ed. 2/9/13 LAST NM N39/13 N40/13
Add Dangerous wreck [K28] (PA) 21° 02.2′ N 108° 28.8′ E
Dangerous wreck [K28] (PA) 20° 59.9′ N 108° 41.0′ E
(12(386, 387)13 Tianjin)

93101 3Ed. 6/3/06 LAST NM 30/11 40/13
Relocate Buoy from 3° 05.3′ N 103° 27.3′ E to 3° 03.6′ N 103° 27.7′ E

Add Light Fl R 3s 5m 5M, Fl G 3s 5m 5M 2° 09.3′ N 104° 00.4′ E
(40/12, 99/13 Malaysia)

93110 2Ed. 8/18/01 LAST NM 39/13 40/13
Relocate Buoy from 3° 05.3′ N 103° 27.3′ E to 3° 03.6′ N 103° 27.7′ E
Buoy from 3° 55.4′ N 103° 29.0′ E to 3° 55.6′ N 103° 29.3′ E

Change Light to Fl 10s 76m 10M 4° 47.0′ N 103° 26.2′ E
(31, 40/12, 14/13 Malaysia)

93113 3Ed. 8/30/08 LAST NM N33/11 N40/13
Delete Range light, front, range line and legend "Lts in line 340°" between 4° 14′ 30″N 103° 26′ 57″E
4° 12′ 01″N 103° 27′ 51″E

Buoy 4° 13′ 59″N 103° 27′ 11″E

Relocate Buoy from 3° 47′ 16″N 103° 21′ 03″E to 3° 47′ 18″N 103° 21′ 09″E
Buoy from 3° 55′ 33″N 103° 29′ 08″E to 3° 55′ 33″N 103° 29′ 15″E

Change Beacon to "No 1" W, cone topmark, Fl G 5s 13m 11M 4° 13′ 44″N 103° 29′ 16″E

Add Beacon QR 8M 4° 13′ 59″N 103° 27′ 14″E
Beacon Fl Y 3s 8M 4° 13′ 46″N 103° 27′ 08″E
(46, 60/11, 13-15/13 Malaysia; UKHO ARCS 1374-2)

93115 3Ed. 4/25/09 LAST NM N39/13 N40/13
Delete Range light, front, range line and legend "Lts in line 340°" between 4° 14′ 30″N 103° 26′ 58″E
4° 12′ 30″N 103° 27′ 40″E

Buoy 4° 13′ 59″N 103° 27′ 11″E

Change Beacon to "No 1" W, cone topmark, Fl G 5s 13m 11M 4° 13′ 44″N 103° 29′ 16″E
Light to Fl 10s 76m 10M 4° 46′ 54″N 103° 26′ 17″E
Light to Fl 2s 12 M 4° 34′ 45″N 103° 27′ 38″E
Light to Fl 2s 12 M 4° 34′ 33″N 103° 27′ 17″E

Add Beacon QR 8M 4° 13′ 59″N 103° 27′ 14″E
Beacon Fl Y 3s 8M 4° 13′ 46″N 103° 27′ 08″E
(46, 60/11, 30, 31/12, 15/13 Malaysia; UKHO ARCS 1374-2)

93117 3Ed. 10/15/05 LAST NM 33/11 40/13
(Panel A)
Relocate Buoy "N1" from 4° 33′ 33.0″N 103° 28′ 40.4″E to 4° 33′ 35.2″N 103° 28′ 39.1″E

Change Light to Fl 2s 12M 4° 34′ 44.8″N 103° 27′ 37.5″E
Light to Fl 2s 12M 4° 34′ 32.9″N 103° 27′ 16.8″E

(Panel B)
Relocate Buoy from 3° 55′ 30.9″N 103° 29′ 11.2″E to 3° 55′ 33.0″N 103° 29′ 15.0″E
(30/12, 7, 14/13 Malaysia)

93160 4Ed. 11/24/01 LAST NM 37/12 40/13
Delete Light 5° 39.8′ N 102° 44.9′ E

Add Beacon Y, Fl(4) Y 10s 12m 8M 5° 36.6′ N 102° 49.7′ E
(80/12, 43/13 Malaysia)

93260 9Ed. 10/8/11 LAST NM 22/13 40/13
Change Light to Fl 4s 3m 7M 12° 38′ 55″N 101° 08′ 55″E
(2(23)13 Bangkok)

93650 2Ed. 11/4/95 LAST NM 39/13 40/13
Add Dangerous wreck [K28] (PA) 21° 02.2′ N 108° 28.8′ E
Dangerous wreck [K28] (PA) 20° 59.9′ N 108° 41.0′ E
(12(386, 387)13 Tianjin)

93652 2Ed. 5/4/96 LAST NM 37/13 40/13
Add Dangerous wreck [K28] (PA) 21° 02′ 10″N 108° 28′ 46″E
(12(386)13 Tianjin)

93721 6Ed. 4/26/08 LAST NM N38/13 N40/13
Add Depth 0.2 meter enclosed by depth contour (2-meter) centered 22° 11′ 09″N 113° 53′ 55″E
(19(46)13 Hong Kong)

94033 6Ed. 3/12/11 LAST NM 23/13 40/13
Add Dangerous wreck [K28] 39° 18.7′ N 121° 18.4′ E
Note: Buoy remains
(25(760)12 Tianjin)

94120 7Ed. 3/10/07 LAST NM 31/13 40/13
Add Submarine cable [L30.1] joining 24° 51.2′ N 121° 49.9′ E
24° 50.8′ N 121° 50.5′ E
24° 49.1′ N 121° 51.9′ E
24° 44.7′ N 121° 53.4′ E
24° 40.7′ N 121° 57.6′ E
24° 37.2′ N 122° 03.5′ E
24° 36.6′ N 122° 04.0′ E
(179/11 Tso-ying)

94122 8Ed. 6/27/09 LAST NM N37/13 N40/13
(Plan C)
Add Submarine cable [L30.1] joining
24° 51′ 12″N 121° 49′ 51″E
24° 50′ 48″N 121° 50′ 32″E
24° 49′ 09″N 121° 51′ 56″E
24° 44′ 41″N 121° 53′ 27″E
24° 40′ 44″N 121° 57′ 37″E
24° 37′ 28″N 122° 03′ 00″E
(179/11 Tso-ying)

94420 4Ed. 12/24/11 LAST NM 39/13 40/13
Add Dangerous wreck [K28] 39° 18.7′ N 121° 18.4′ E
Note: Buoy remains
(25(760)12 Tianjin)

★97277 12Ed. 1/24/04 CHART CANCELED 40/13
(NGA)

★97311 1Ed. 5/9/13 NEW CHART N40/13
(NGA)

★97333 1Ed. 6/6/13 NEW CHART N40/13
(NGA)

★97360 6Ed. 2/1/97 CHART CANCELED 40/13
(NGA)

★803610 1Ed. 5/4/13 NEW CHART N40/13
(NGA)

★803618 1Ed. 5/25/13 NEW CHART N40/13
(NGA)

★809118 1Ed. 6/8/13 NEW CHART N40/13
(NGA)

809144 1Ed. 1/19/13 LAST NM N25/13 N40/13
Delete Buoy “A” 21° 28′ 21″N 157° 43′ 51″W
Buoy “B” 21° 28′ 59″N 157° 44′ 00″W
Buoy “C” 21° 28′ 48″N 157° 42′ 50″W
Buoy “D” 21° 28′ 05″N 157° 41′ 46″W
Buoy “E” 21° 27′ 43″N 157° 42′ 30″W
(34/13 CG14)

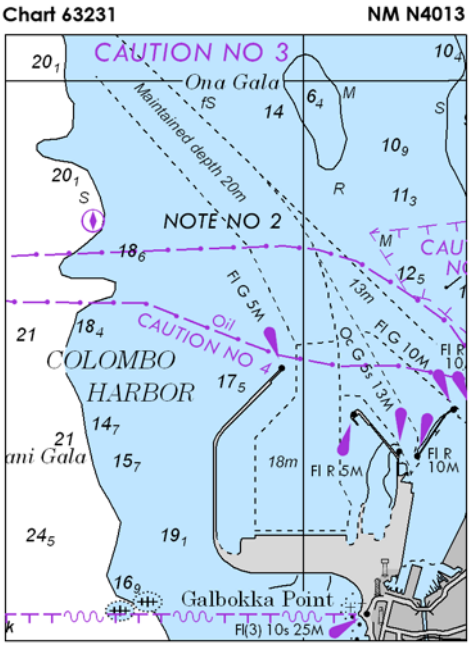
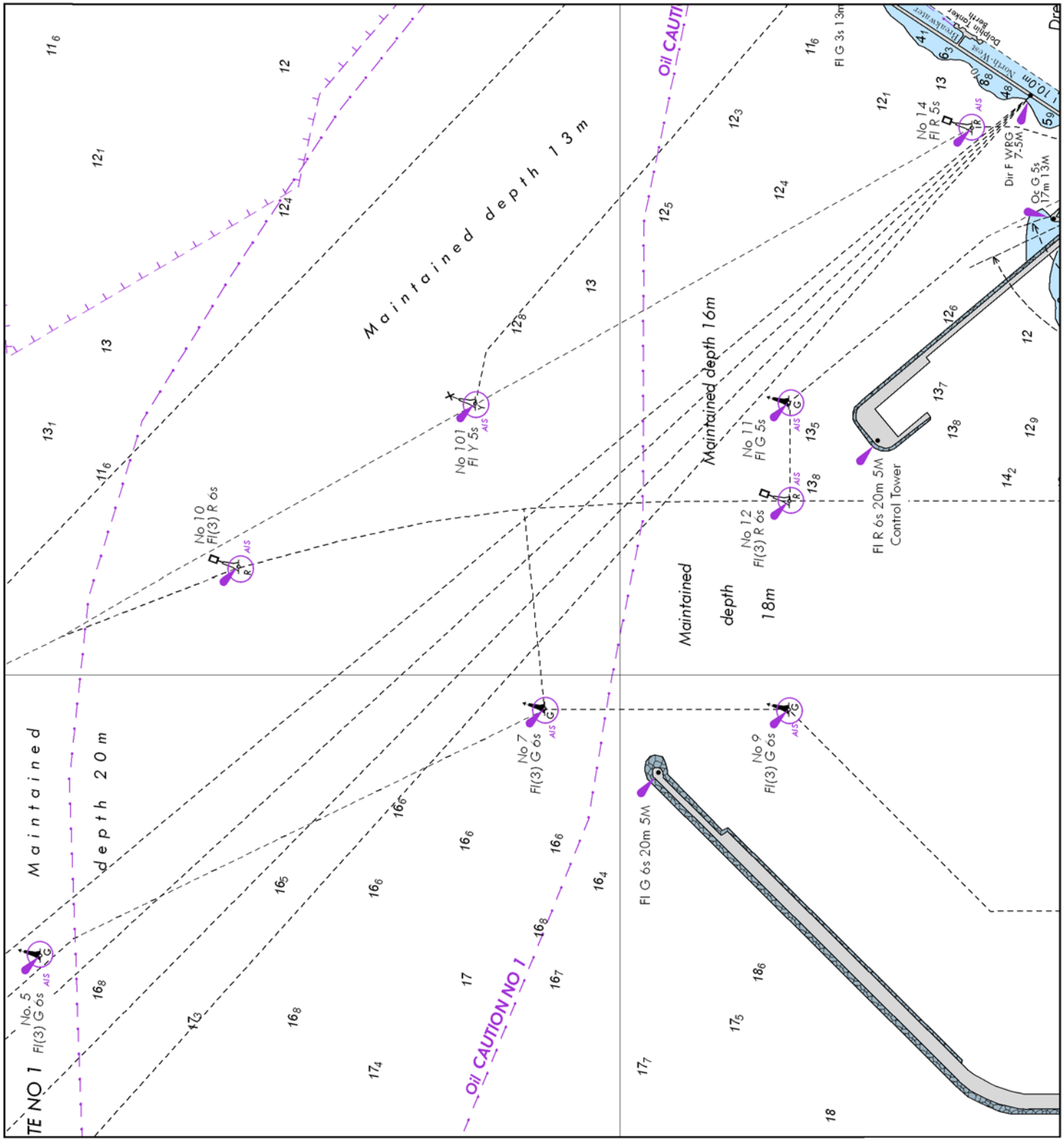


Chart 63231
NM N4013
CAUTION NO 3
Ona Gala
Maintained depth 20m
NOTE NO 2
Fl G 5M
Oil
CAUTION NO 4
COLOMBO
HARBOR
Oc G 5s 13M
Fl G 10M
Fl R 5M
Fl R 10M
18m
13m
Galbokka Point
Fl(3) 10s 25M

Chart 63233 (A) NM 40/13



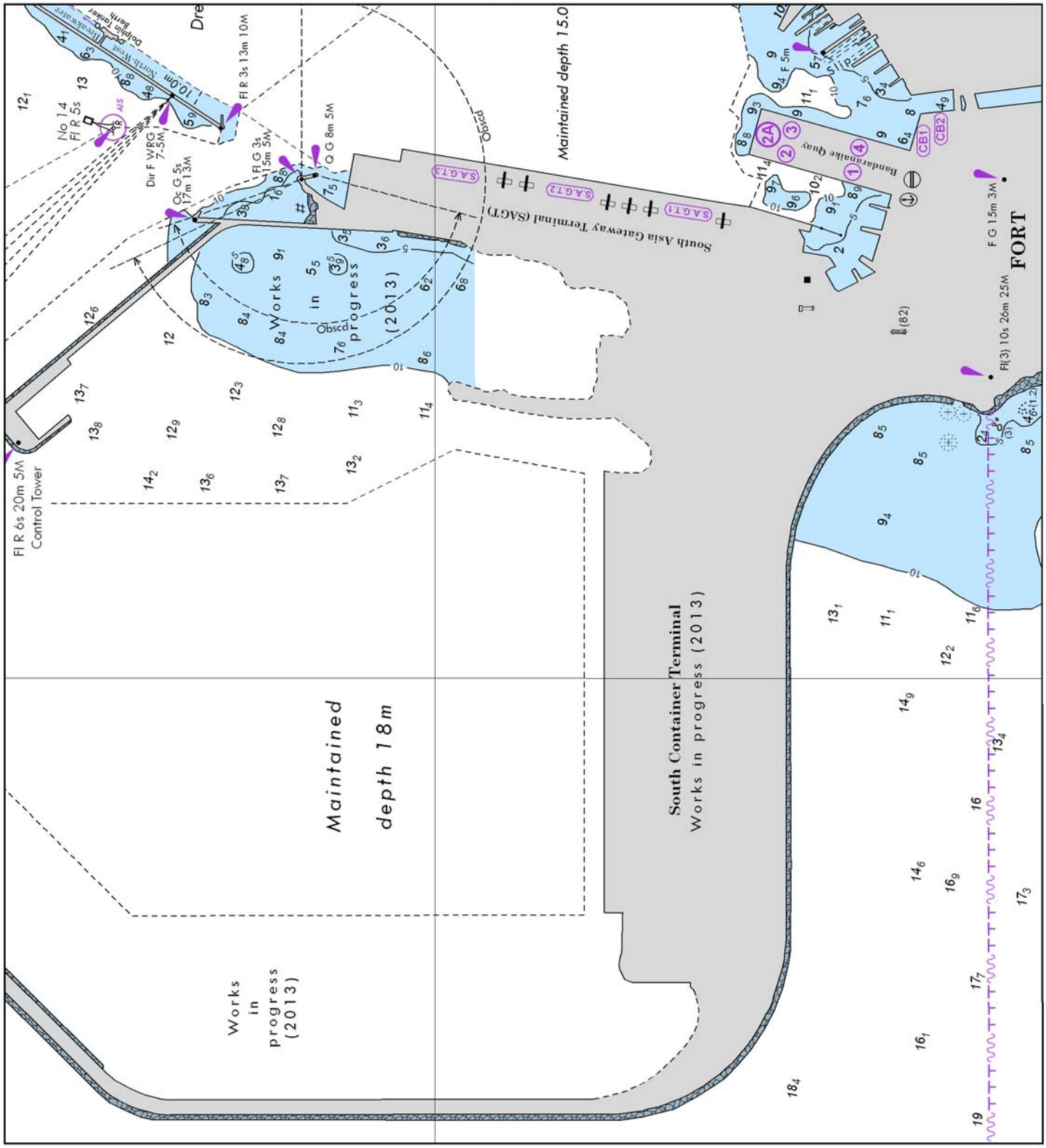


Chart 63233
(B)
NM 40/13
Fl R 6s 20m 5M
Control Tower
Works in progress (2013)
Maintained depth 18m
South Container Terminal
Works in progress (2013)
South Asia Gateway Terminal (SAGT)
Maintained depth 15.0
Bandaranaike Quay
FORT
Fl(3) 10s 26m 25M
F G 15m 3M
Fl R 3s 13m 10M
Q G 8m 5M
Fl G 3s 15m 5M
Oc G 5s 17m 13M
Dir F WRG 7.5M
No 14
Fl R 5s
Dolphin Tanker Berth
Obscd

Chart 54480 NM N40/13

TRAFFIC SEPARATION SCHEME

The Traffic Separation Scheme(s) on this chart is not adopted by the International Maritime Organization (IMO).

Chart 54481 NM 40/13

TRAFFIC SEPARATION SCHEME

The Traffic Separation Scheme(s) on this chart is not adopted by the International Maritime Organization (IMO).

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 1/13 THROUGH NM 40/13

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
* indicates New Edition/New Chart; ** indicates Chart Canceled

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507	2	13/13
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12272	32	34/13*
12273	58	4,9,12,27/13
12274	36	27/13
12277	35	14,27/13
12278	78	3*,12,14,27,32/13
12280	10	4,7,9,11,12,20,27,39/13
12281	54	4,14,32/13
12285	41	19*,26,39/13
12286	31	4,10,26/13
12287	18	4,10,26/13
12288	20	26/13
12300	49	3,8,11,12,14,21,23,24,25, 30,40/13
12301	22	N3,N8,N11,N12,N14, N21,N23,N24,N25,N30, N40/13
12304	46	8,26/13
12311	46	8,9,14,25,34/13
12312	56	7,8,9,13,25/13
12313	53	7,9,13/13
12314	33	13,18/13
12316	35	39/13
12318	45	12,14,23,24,25,39,40/13
12323	26	10*,12,14,23,34,40/13
12324	35	9,12,23,34/13
12326	52	34*,35/13
12327	105	4,13,18,25,27,28,29,32, 35,39/13
12331	32	4,28,39/13
12332	24	36/13*
12333	37	11*,13,19,28,32/13
12334	71	3,25,27,28,32/13
12335	45	3,27,29,32/13
12337	24	22*,32/13
12338	11	27*,29/13
12339	47	20/13*
12341	28	32/13
12342	24	27/13*
12343	20	21*,22,27,36/13
12346	11	36/13
12350	60	35/13
12353	19	8/13
12354	44	1,11,13,17,18,25,35/13
12358	21	25,35/13
12362	17	1/13
12363	41	13,18/13
12364	39	1,4,13,18/13
12365	27	18/13
12367	25	18/13*
12368	28	32/13*
12369	26	13/13
12371	25	16,18/13
12372	35	1,11,16,18,21,36/13
12373	15	1,11/13
12374	14	11/13
12401	11	18/13
13003	51	3,8,11,14,16,17,23,24,25, 34,40/13
13006	36	3,8,11,14,16,20,32/13
13009	35	8,11,16,20,32,36/13
13200	38	11/13
13201	11	N11/13
13203	14	27/13*
13205	39	3,18,21,25,30,36/13
13209	26	3,21,25/13
13212	39	18/13
13213	43	38/13*
13214	29	21,36/13
13215	20	3,30,36/13
13218	42	39/13*
13219	13	30/13
13221	59	1,16,17,19,32,37,40/13
13223	43	37*,39/13
13224	40	25*,33/13
13225	34	18,19,33/13
13226	7	1/13
13227	15	9/13
13229	32	36/13*
13230	50	4/13
13233	19	11/13
13235	7	4/13
13237	42	27/13*
13241	17	27/13
13242	18	25,27/13
13260	41	8,16,20,32/13

CHARTS AFFECTED BY NOTICE TO MARINERS
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Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.
13263	9	N39/13*
13267	35	4,16,35/13
13270	64	35,40/13
13272	52	10,25,28,35,40/13
13274	28	11,16,17,35/13
13275	31	4,11/13
13276	23	4,11/13
13278	27	16,17/13
13279	33	17,35/13
13282	12	17/13
13283	22	25/13*
13285	12	19/13*
13286	31	16,20,32/13
13287	13	37/13*
13288	43	8,36/13
13292	40	9/13
13295	12	27/13*
13296	26	35/13
13298	11	36/13*
13301	21	8,36/13
13302	23	8,25,35/13
13305	29	20,35/13
13309	29	14,25/13
13312	23	33/13*
13313	21	19/13*
13318	19	13/13*
13324	15	21/13*
13325	16	39/13*
13394	4	6*,17/13
13396	6	6*,17/13
13398	4	7/13*
14003	6	1,23/13
14500	27	20/13
14786	14	31/13
14800	10	1,31/13
14802	31	37/13
14803	27	31/13
14804	24	1,31/13
14813	21	31/13
14814	25	1/13
14815	23	31/13
14820	21	1,2,33,37/13
14822	32	15,33/13
14823	31	9/13*
14830	32	1,2,35,37/13
14832	35	20*,40/13
14833	27	9*,15,33,40/13
14835	33	1/13*
14838	4	33/13
14839	37	2/13
14842	15	1,2,35/13
14844	32	35/13
14845	27	35/13
14846	14	1,2,35/13
14847	31	2,35/13
14848	58	37/13
14850	54	35/13
14852	46	35/13
14853	17	20,35/13
14854	14	20/13
14860	36	29,33/13
14862	28	12/13
14863	31	5/13
14864	27	29,33,35/13
14867	27	16/13*
14869	26	29,33,35/13
14880	32	33,35/13
14881	33	31,35/13
14883	43	30/13
14886	11	35/13
14901	15	4,20,29,34,40/13
14902	29	2,14,31,34/13
14904	27	9*,29,34,37,40/13
14905	31	34,37/13
14906	24	20/13
14907	27	20,34/13
14909	20	2/13
14912	17	14,31,34/13
14913	19	34/13
14916	10	20/13
14918	27	20/13
14919	28	35/13
14922	20	20/13
14924	29	9*,37/13
14925	23	2/13
14926	12	12,34,37/13
14927	25	37/13
14928	23	12/13
14929	25	12/13
14930	26	6*,14/13
14934	29	25,30/13
14937	24	6/13
14938	24	12,34/13
14961	12	31,33/13
14964	21	33,35/13
14966	27	31,40/13
14970	26	31/13
14972	26	12,33/13
14975	35	1,40/13
15880		N33/13
15881		N33/13
16003	17	21/13
16005	10	5,21/13
16006	35	21,30,33,37/13
16011	38	30,33,37/13
16013	30	34/13
16016	22	28/13
16190	1	27/13*
16200	14	5,21/13
16220	6	28/13*
16304	3	25/13*
16322	8	7,26/13
16338	4	33/13
16380	15	31/13
16382	11	31/13
16474	8	22/13
16520	23	30/13
16531	7	20/13
16532	6	20/13
16535	12	30/13
16540	13	37/13
16593	11	8/13
16594	13	3,8/13
16595	16	3*,8,40/13
16596	13	3*,8,40/13
16640	25	34/13
16645	20	34/13
16647	4	34/13
16660	31	12/13
16661	6	34/13
16663	9	12/13
16665	10	12/13
16700	32	3,29,34/13
16705	20	3,34/13
16707	13	29/13
16708	28	29,34/13
16709	25	34/13
16713	4	34/13
17003	4	4,36/13
17005	10	4,27,36/13
17300	32	3*,6/13
17312	3	1/13*
17315	25	18/13*
17318	8	7/13*
17320	18	26/13
17324	15	26/13
17326	17	26/13
17327	24	26/13
17331	9	23/13*
17333	10	23/13*
17335	9	23/13*
17336	10	16/13*
17360	36	20/13*
17385	18	4/13
17415	1	N4/13
17417	1	N4/13
17420	29	19/13*
17423	14	4/13
17448	1	N4/13
17514	1	N2,N27,N36/13
18000	8	3,7,14,16,17,35/13
18002	8	N12*,N14,N16,N17, N20,N26,N35,N39/13
18003	20	2,20,24,27,31,36/13
18005	6	N12*,N17,N32,N34, N38,N40/13
18006	5	N13/13*
18007	33	2,20,27,28,31,34,36, 40/13
18008	8	N2,N20,N28,N31,N34, N36/13
18009	4	N12*,N33,N34,N40/13
18010	22	12,18,27,28,31,33,34, 40/13
18013	2	N14/13
18020	39	3,7,11,12,14,16,17,20,28, 32,34,35,38,39,40/13
18022	36	3,7,11,12,14,16,17,20,26, 27,32,33,34,35,38,39, 40/13
18400	49	2,6,24,27,33/13
18421	51	27*,33,40/13
18423	38	2,20,24,26,27,30,32,33, 40/13
18424	28	2/13
18427	24	27*,33/13
18428	10	26/13
18429	10	24,33/13
18430	9	2/13
18433	6	40/13
18434	7	40/13
18440	30	2,20,27,30,32,38,40/13
18441	47	20,27,30,32,38/13
18445	34	2,24,25,30,38,40/13
18446	18	27,38/13
18448	35	2,38,40/13
18449	19	20,24,25,30,40/13
18450	19	7*,20,24,30,40/13
18453	27	20/13*
18454	5	N2,N38/13
18456	21	31/13
18460	14	13*,27/13
18461	1	N40/13
18464	25	27/13
18465	39	24,27,32/13
18468	19	27/13
18471	11	27,32/13
18474	9	2,24,25,30,40/13
18480	32	12*,27/13
18484	12	2/13
18485	17	12*,27,30/13
18500	30	2,20,24,32,33/13
18502	87	6,24,32,33,35,40/13
18520	27	10,19,20,24/13
18521	74	4,6,20,31,32,35,36,40/13
18523	57	4,26,31,35/13
18524	37	4,31,38/13
18525	37	2,4,18,20,31,38,40/13
18526	60	2,4,18,31,38,40/13
18528	11	26/13
18531	23	4,18,19,20,31/13
18532	21	18/13
18539	9	19/13
18558	39	6,24,39/13
18561	13	10/13
18580	22	19,31/13
18581	19	6,32/13
18583	40	4,39/13
18584	48	6,8,10,19,32,35/13
18587	71	6,10,24,26,31,38/13
18588	37	11,26,33/13
18600	15	11,18,34/13
18603	17	34/13
18605	13	18,19/13
18620	24	18,20,28/13
18622	55	26,27/13
18623	12	28/13
18640	26	32*,33,40/13
18645	28	33*,40/13
18647	16	26/13
18649	68	35*,39,40/13
18650	56	5,9,11,12,16,21,31,33,35, 39,40/13
18652	36	4,5,9,11,12,16,17,21,27, 28,31,33,35,39,40/13
18653	12	7*,18,21,27,35,39/13
18654	45	4/13
18655	59	4/13
18656	56	21,28,35/13
18657	19	28,35/13
18658	31	21,35/13
18659	16	35/13
18660	3	28/13
18661	30	11,28/13
18662	22	16/13
18663	6	11/13
18666	1	21,35/13
18680	32	33*,34/13
18685	34	33/13
18700	22	17,22,32,38/13
18703	26	21*,27,32,38/13
18704	13	38/13
18720	34	38*,39/13
18721	12	7,14,17,22,30,31,40/13
18724	3	36*,39/13
18725	30	32*,39/13
18728	9	26/13
18729	13	26/13
18730	2	N3/13
18740	44	39*,40/13
18741	20	N13*,N16,N23,N27, N28/13
18746	39	37*,40/13
18749	43	8,12,19,20,28,31,32, 40/13
18751	46	12,19,20,28,40/13
18754	19	11/13
18755	10	27/13
18757	11	28/13
18758	7	9/13
18760	8	N12*,N14,N16,N20, N26,N27,N28,N33,N35, N39/13
18761	3	N12/13
18762	16	11,12/13
18763	11	11,12/13
18765	17	6,11,12,16,23,28/13
18766	7	6,11,16,23,28/13
18768	6	N12*,N16,N23,N28/13
18769	4	N13*,N27/13
18772	48	8,11,23,38/13
18773	43	5,9,11,23,38/13
18774	12	3,9,28/13
18775	3	N12/13
19002	11	N9,N14,N30,N37/13
19004	39	9,14,30,37/13
19007	18	9,14,37/13
19008	5	9,14,37/13
19010	20	9,14,30/13
19013	19	9,14,30,37/13
19320	17	14/13
19327	11	8/13
19330	11	15/13
19339	2	N9,N14,N17,N19,N30, N40/13
19340	27	9,14,17,19,30,40/13
19342	11	14/13
19347	18	14/13
19357	25	22*,25,27,32,40/13
19359	12	1,5/13
19362	14	27,32/13
19366	37	19/13
19367	40	3*,19,25,35/13
19369	7	3*,19,25/13
19386	12	20/13*
21014	72	4,7/13
21017	50	4,7/13
21021	4	N6/13*
21033	46	8,9,11,17,19/13
21036	7	9/13
21120	27	7/13
21122	5	7/13
21140	1	12,16,23/13
21160	1	11/13
21180	1	11/13
21441	28	N4/13
21483	2	14/13
21540	37	38/13*
21601	4	13/13
21604	26	12/13
21605	7	13/13
22000	16	6/13
22004	38	4,5,6,7,8,15/13
22008	35	4,5,6,10/13
22012	31	5,9/13
22036	28	3,4,17/13
22040	1	6,17/13
22050	4	9,11,15,16/13
22051	19	1,11,12,19/13
22052	7	1,4,7,12,13,14,19,20,21, 24,36,37/13
22054	1	7,11/13
22055	1	1,4,7,11,12,13,14,19,20, 21,24,36/13
22080	3	7,8,11/13
22081	1	11,13/13
22082	5	11/13
22083	6	11,13/13

CHARTS AFFECTED BY NOTICE TO MARINERS
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Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
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Chart No.	Ed. No.	Notice to Mariners No.
22084	4	6/13
22087	2	8/13
22090	2	4,7,8,15,30/13
22100	3	7/13
22102	20	N11/13*
22103	3	N8/13*
22109	3	7,8,14/13
22111	4	7/13
22112	3	4,5,6,7,11,30/13
22113	8	5,6,7,34,35/13
22115	4	11/13
22117	3	7/13
22120	3	3,4,5,6,9/13
22121	9	4,9,31/13
22124	2	3,4,9,31/13
22130	2	4,6,33/13
22138	3	4,6/13
22140	2	6,10/13
22143	4	6/13
22160	2	6/13
22170	3	5,6/13
22172	9	N10/13*
22173	37	N7/13*
22180	2	9/13
22182	7	4/13
22183	4	9/13
22190	2	9/13
22221	20	14/13
22250	2	5/13
22259	5	25/13
22262	3	14/13
22281	10	26/13
22282	17	26/13
22285	1	26/13
22290	4	18/13
22305	2	3,18/13
22311	19	5,26/13
22312	3	N3,N30/13
22313	2	5/13
22314	1	3/13
22342	9	9/13
22346	1	3/13
22347	6	N9/13
22397	1	N4/13*
22398	1	N4/13*
22404	16	N9/13
22405	7	N9/13
22410	32	9,17/13
22420	2	17/13
22425	2	9,17/13
22430	6	22/13
22433	3	3/13
22471	31	4,27/13
22481	35	5/13
22492	3	3/13
22521	4	N6/13
22523	4	N6/13
22524	2	27/13
22526	3	27/13
22551	2	6/13
23000	5	3,4,17/13
23010	4	3,17/13
23020	4	4,5/13
23023	4	8,17,22/13
23030	6	8,21,24/13
23071	4	N3,N19/13
23101	5	8/13
23115	3	4,5,22,40/13
23121	7	5,9,25/13
23122	8	9,25,30/13
23123	4	N4/13*
23124	4	N5,N9/13
23125	5	N8/13*
23126	6	N5,N9,N25/13
23127	4	N5,N9,N25/13
23128	4	N9,N25/13
23129	3	N30/13*
23131	7	4,12/13
23141	8	N5/13*
23142	10	3,5,19,22/13
23145	4	N12/13*
24000	39	8/13
24008	42	7/13
24016	53	8/13
24028	6	18,27/13
24050	12	N7*,N20,N26,N27/13
24051	1	20,24/13
24052	17	N5,N10,N11,N15,N16, N27,N40/13
24053	17	N9,N11,N16/13
24055	7	N12*,N26,N27,N40/13
24057	6	N6,N8,N20,N26/13
24058	3	N14,N15,N26,N32/13
24060	2	8,20,24/13
24092	15	N16/13
24130	14	7/13
24131	8	7/13
24132	13	31/13
24141	4	7/13
24149	2	31/13
24154	13	N35/13*
24155	7	N11/13*
24156	3	13/13
24160	21	8/13
24162	10	N19/13
24170	14	7/13
24171	20	N8,N13,N31/13
24172	5	N8,N11,N13/13
24201	5	11,35/13
24203	36	11,35/13
24220	14	8/13
24222	3	11/13
24223	33	8/13
24251	24	N12/13*
24271	15	N6/13
24290	3	7/13
24292	4	7/13
24293	6	7,8/13
24294	23	7/13
24311	4	7/13
24350	2	13/13
24355	2	13/13
24360	1	13/13
24375	2	24/13
24376	1	34/13
24380	2	13,29/13
24388	2	13,21/13
24404	9	7,27,32/13
24405	12	N7,N32/13
24406	32	N7,N32/13
24434	4	28/13
24435	5	28/13
24444	2	39/13
24450	3	2,8,37/13
24453	5	8/13
24454	5	8/13
24455	15	8/13
24460	4	2,18,37/13
24461	4	2,7,37/13
24463	7	N11/13*
24468	1	13,15/13
24469	1	13,15/13
24470	4	3,30,37/13
24471	9	30/13
24480	1	3,7,17,18,24,25,27,36/13
24482	2	39/13
24484	3	39/13
24485	1	14,30/13
24486	1	18,25,27/13
24490	3	30,36/13
24491	3	8,14,27,30/13
24500	1	2,8,33/13
24501	3	8,17/13
24502	6	2,8,33/13
24504	7	3,17,18,24,25/13
24507	1	3,4,8,10,17,20,24,25/13
24508	4	2,4,5,10,20,25/13
24509	3	4,8,10/13
24510	3	2,3,4,5,8,10,20,25/13
24511	2	18,24/13
24512	3	7,18/13
24513	18	7/13
24514	1	7/13
24517	2	18,25,27/13
24521	3	27,34/13
25017	6	N17,N34/13
25018	9	17,34/13
25400	2	18,27/13
25485	45	20/13
25524	43	14/13
25550	2	1/13
25561	24	19/13
25563	50	14,19/13
25564	7	17,19/13
25575	4	40/13
25600	47	17,34,37/13
25601	34	1/13
25607	4	1/13
25608	22	1,36/13
25609	5	17/13
25613	3	27,34/13
25640	45	13*,17,37/13
25641	28	11,17,37/13
25645	20	6*,36/13
25647	11	17/13
25650	36	11,17/13
25653	13	16/13
25654	13	16/13
25655	12	16/13
25663	28	17/13
25664	17	17/13
25666	18	17/13
25668	21	6*,13,29/13
25671	19	37/13
25673	16	11/13
25677	22	38/13*
25681	18	11/13
25683	20	3*,17/13
25700	3	37/13
25800	3	39/13
25841	9	39/13
25849	13	39/13
26001	4	7,15,36/13
26060	1	13,16,36/13
26065	4	16/13
26066	12	1,37/13
26081	9	N32/13
26082	1	N17/13
26100	4	1,23/13
26130	20	1,15/13
26142	10	12/13
26146	1	29/13
26190	2	1/13
26210	3	39/13
26218	2	23/13
26224	32	23/13
26229	12	N34/13*
26230	13	N11/13
26237	3	5/13
26240	7	1/13
26244	3	1,33/13
26245	16	1,3,15/13
26247	19	33/13
26250	18	3/13
26259	2	3,5/13
26295	1	31/13
26320	5	5,15,30/13
26323	4	4/13
27040	5	23/13
27042	21	15/13
27044	27	6/13
27061	5	14/13
27062	41	15/13
27080	4	14/13
27082	6	15,31/13
27083	39	31/13
27084	4	21/13
27100	2	20,21/13
27102	11	35/13
27120	4	20/13
27122	5	20,31/13
27130	2	20/13
27141	5	16/13
27142	5	16,32/13
27146	2	16/13
27161	4	15,17/13
27180	2	15,34/13
27183	8	17/13
27206	18	10/13
27207	12	10/13
27211	22	15,34/13
28004	1	13/13
28006	1	15,32/13
28050	3	7,13,15/13
28120	1	10/13
28142	5	14/13
28150	3	14/13
28151	2	14/13
28170	1	28/13
28260	31	N31/13*
28320	6	4/13
28321	36	4/13
29002	9	22/13
29012	8	8/13
29101	6	9,40/13
29105	5	9,22/13
29106	5	8/13
29107	2	5/13
29141	3	8/13
29142	3	8/13
29281	1	8/13
29321	5	8/13
29322	3	8/13
35000	26	21,33/13
35002	1	N33/13
35006	2	N8/13*
35013	1	N35/13*
35015	3	N9/13
35019	2	N9/13
35020	1	N9,N21,N32/13
35024	2	N9,N21,N32/13
35045	2	N8/13*
35048	2	N11/13*
35050	2	N9/13*
35055	3	N34/13*
35056	2	N35/13*
35063	2	N11/13*
35066	2	N11/13*
35071	4	N25/13*
35072	3	N25/13*
35073	3	N10/13*
35075	3	N8/13*
35078	4	N27/13*
35079	5	N25/13*
35089	3	N25/13*
35090	2	N18/13*
35095	3	N17/13*
35097	3	N35/13*
35104	3	N8/13*
35121	1	N9/13
35126	2	N8/13*
35128	1	N9/13
35139	1	N9,N32/13
35140	1	N9,N21,N32/13
35147	2	N10/13*
35148		N21/13
35151	1	N21/13
35172	4	N17/13*
36000	1	N21/13
36001		N21,N32/13
36002		N21/13
36009	2	N9/13*
36011	3	N11/13*
36025	4	N24/13*
36032	1	N37/13*
36033	2	N34/13*
36034	3	N35/13*
36035	2	N10/13*
36036	3	N37/13*
36042	2	N40/13*
36049	2	N9/13*
37005	18	N7*,N8,N31,N33/13
37006	3	N34/13*
37007	2	N25*,N27/13
37008	4	N22/13*
37010	24	4,8,33/13
37015	2	N27/13
37016	3	N34/13*
37017	2	N25/13*
37019	3	N31/13*
37020	3	N27/13*
37021	3	N18/13*
37027	3	N8/13*
37028	4	N40/13*
37040	3	N10/13*
37055	1	N40/13*
37058	2	N33/13
37066	9	N37/13*
37120	3	6,8,23,33,36,37/13
37129	7	N6,N21,N36/13
37140	34	23/13
37162	13	N1,N5,N11,N22/13
37163	21	N21/13
37164	5	N4,N32/13
37165	4	N26*,N31,N33/13
37166	3	4,5,9,23/13
37200	16	8/13
37205	3	5,10/13

CHARTS AFFECTED BY NOTICE TO MARINERS
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Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.
37221	14	5,6,8,9,10,11,12,13/13
37222	14	N6,N8,N10,N11,N12, N21,N22/13
37223	15	1,9,11,31/13
37224	12	N9*,N10,N22/13
37226	19	N25/13*
37228	15	N16/13*
37229	16	N18/13*
37230	15	N16/13*
37231	19	N5,N8,N10,N11,N12, N13/13
37232	13	N8,N12/13
37234	14	N10,N13/13
37235	11	5,10/13
37238	7	N21,N22/13
37241	20	N5,N24,N32/13
37242	12	N4/13
37244	12	N4,N5,N6,N8,N11,N21, N33,N36/13
37246	16	N6,N10,N21,N23,N27, N29,N30,N34/13
37247	1	N1,N6,N13,N22,N29, N34/13
37248	20	N9,N23,N33,N37/13
37320	17	N36/13*
37445	2	N1/13*
37463	8	N15/13*
37464	3	N15/13*
38482	1	N1/13*
38541	5	N6/13*
38603	3	N39/13*
38604	2	N9,N13/13
38607	2	3,13/13
38610	1	13/13
38682	3	9/13
38683	3	9/13
38690	2	13/13
41000	2	24/13
42040	4	N36/13*
42620	5	38/13
42742	3	23/13
43000	5	34/13*
43030	25	N15/13*
43127	5	35/13
43140	4	35/13
43141	6	N25/13*
43142	4	35/13
43148	5	N9/13*
43168	3	N22/13*
43242	4	4/13
43263	7	31/13
43281	6	1/13
43285	5	1/13
43300	5	34/13
43320	5	33/13
43321	7	N36/13
43323	4	1,33/13
43324	4	1/13
43341	7	34/13
43360	22	N24/13*
43370	7	4,31/13
43371	13	4/13
43372	5	N5/13
43375	7	5/13
43379	2	N30/13*
43384	1	1,2/13
43385	1	2/13
43386	2	31/13
44015	9	5,11,33,35/13
44036	5	2/13
44041	8	N2/13
44048	13	N18*,N28/13
44049	11	N36/13*
44066	11	N8,N10/13
44072	4	8/13
44073	2	10/13
44075	5	N12/13
44076	4	N1,N8,N12/13
44082	11	8,10,11,13/13
44083	8	10,11,13/13
44085	2	10,11,12/13
44140	9	35/13
44161	2	1/13
44179	2	2,5/13
44206	1	2/13
44207	1	2/13
44282	1	26/13
44284	3	N25/13*
44289	1	N26/13*
44319	3	7,40/13
44320	4	7,38,39/13
44327	1	N27/13*
44340	12	36,38,39,40/13
44341	8	N1/13*
44352	4	N8*,N39,N40/13
44353	1	N7,N39/13
44360	10	7,36,38,40/13
44361	7	N32,N37/13
44362	1	N32/13
44363	1	N7/13
44364	1	N35/13*
44365	2	N6*,N19,N24,N31/13
44367	2	21,35/13
44400	5	7,20,33,38,39,40/13
44401	9	N5,N10,N20/13
44410	5	33,39/13
44420	7	5/13
44430	3	5,11,20,35/13
44442	1	N5/13
44443	1	N5,N6/13
44446	1	N11,N20,N35/13
44461	10	35/13**
44462	5	N8,N11,N12,N13, N25/13
44463	10	N8,N9,N10/13
44465	3	N8/13
51100	7	11/13
51142	2	33/13
51143	5	N33/13
51144	4	N25,N33/13
51150	1	11/13
51160	21	28/13
51168	2	28/13
51223	3	N1/13*
51261	23	25/13
51344	2	9/13
51580	13	28/13
52039	5	N25/13*
52079	1	N38/13*
52081	6	N4/13*
52084	3	N25/13*
52085	4	N39/13*
52092	2	N34/13*
52122	16	N21/13
52125	1	21/13
52126	1	N21/13
52160	7	27/13
52170	3	27,30/13
52172	2	30/13
52184	4	N30/13*
52186	4	N27/13*
52200	8	5/13
52220	7	30/13
52282	11	N30/13*
53065	3	N18/13*
53084	7	N36/13*
53107	17	N18/13
53108	4	N4/13*
53111	4	5/13
53149	3	N5/13
53161	8	5/13
53162	7	5/13
53166	1	5/13
53203	12	N21/13*
53231	1	N4/13*
53263	1	5/13
53265	6	5/13
53266	4	5/13
53268	4	5/13
53269	5	5/13
53313	1	N11/13*
54081	5	N36/13*
54083	5	N7/13*
54085	3	N12/13*
54151	1	6/13
54165	3	N37/13
54169	3	37/13
54222	4	10/13
54266	2	11/13
54267	1	11/13
54279	4	5/13
54280	11	5,6/13
54281	6	5/13
54285	1	5/13
54287	7	6/13
54289	8	2/13
54320	4	25/13
54324	9	5/13
54327	4	2/13
54333	3	2,4/13
54337	4	N2/13
54340	8	5/13
54343	10	5/13
54344	6	4,5/13
54359	2	6/13
54360	12	5/13
54361	10	6/13
54366	3	5/13
54367	3	5/13
54369	4	5/13
54380	7	N11/13*
54386	10	4/13
54389	8	2/13
54399	1	N12/13*
54400	8	4,5,6/13
54403	4	5,6/13
54404	4	5,6/13
54406	2	5/13
54407	4	1/13
54416	6	N12/13*
54417	2	N6/13*
54421	6	1/13
54424	1	1/13
54430	1	5,27/13
54441	6	6/13
54462	5	29,35/13
54480	9	N15*,N29,N35,N39, N40/13
54481	9	4,40/13
55001	4	8,23,30/13
55046	5	N1,N3,N6/13
55047	8	1,3/13
55048	12	3/13
55049	7	N24/13*
55064	3	3/13
55082	9	9/13
55084	7	11,24,27/13
55085	9	11,23,24,26/13
55100	8	25,26/13
55101	5	23,27/13
55103	3	N9,N23,N25,N28/13
55104	2	9,26,28/13
55105	7	2,4,8/13
55127	2	26/13
55128	3	N23,N28/13
55129	7	25,26/13
55130	2	8,23,25,26,30/13
55131	1	30/13
55133	4	N25,N27/13
55140	2	8,25/13
55150	2	2/13
55160	2	4/13
55161	2	N4/13
55170	2	4,8,24,25,27,31/13
55180	2	25,27/13
55190	2	27,30/13
55200	2	8,23,24,25,27,31/13
55205	1	8,23,25,27,30/13
56011	1	11/13
56031	1	5,7/13
56043	6	39/13
56064	6	36/13
56081	21	N5/13*
56082	18	N5/13*
56083	4	N5/13*
56100	14	7,8/13
56101	7	8,34/13
56102	24	8/13
56103	8	N8/13
56104	3	7/13
57022	8	19/13
57029	9	11,14,15,16,19/13
57035	10	14,17,19/13
57063	6	N26/13*
57081	4	N1/13*
57320	4	19/13
57380	4	11,13,14,15,16/13
57381	13	N13/13
57400	5	11,14,16,19,26/13
57408	3	N14/13
57440	4	15,19/13
57460	5	14,17/13
57471	3	14,15,16/13
57480	9	11,14,15,16,17,36/13
57482	13	N15,N19,N26,N33/13
57483	12	N11,N19,N26,N33/13
57484	20	N15,N19/13
57488	7	N15/13
61000	20	16,17,36,37/13
61003	17	11/13
61015	8	21/13
61040	7	11,16,17,37/13
61050	5	16,17,19,36/13
61051	9	N16,N19,N26/13
61060	7	N11,N14,N16,N17, N36/13
61061	11	N11,N14/13
61062	1	N14/13
61070	5	14/13
61071	10	N18/13
61080	4	14,36/13
61090	6	11,15/13
61091	7	N15,N36/13
61092	14	N26/13
61110	3	21/13
61111	13	29/13
61191	8	21,37,38/13
61200	7	21/13
61210	6	21/13
61211	8	N21/13
61212	3	N21/13
61500	2	40/13
61592	5	N22,N35/13
62001	5	9,10,13/13
62024	13	17/13
62028	15	18/13
62032	16	6,11,12,15,16,18,21/13
62033	3	N6,N11,N12,N15,N16, N18,N21/13
62090	7	16,21/13
62092	8	N18*,N21/13
62097	6	16/13
62100	7	14/13
62110	10	9/13
62162	2	24/13
62177	4	N26/13*
62191	15	9,10,13/13
62193	18	N6/13*
62194	8	9/13
62195	7	13/13
62241	11	N7/13*
62242	12	N26/13*
62290	4	14/13
62314	3	18/13
62320	2	17/13
62330	2	22/13
62333	1	N6*,N17,N27,N28, N38/13
62340	3	22/13
62343	4	27,28/13
62350	3	27/13
62355	7	17,23,24,27,28,30/13
62360	5	11,18,27,28/13
62361	2	N11,N18,N27,N28/13
62362	1	28/13
62364	1	23,25,27/13
62366	4	11,16/13
62392	8	18/13
62393	8	N35/13*
62394	11	N1/13*
62400	17	6,10/13
62401	9	21/13
62403	5	32/13
62405	8	21/13
62406	3	N21/13*
62408	7	6,10,15,16,21/13
62412	13	8,11,20,22,31,34/13
62413	13	8,11,15,34/13
62418	9	N1/13*
62419	6	12/13
62420	5	8,11,12,14/13
62431	8	21/13
62432	18	21/13
62434	12	N27/13*
62437	12	9,16/13
62440	8	6,10,15,21/13
62441	10	20/13
62442	7	N35/13*

CHARTS AFFECTED BY NOTICE TO MARINERS
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Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.
62444	3	N12/13*
62446	4	N21/13
62447	3	N31/13*
62453	6	N8,N15,N34/13
62455	8	N5/13*
62458	1	14,22/13
62460	5	6/13
62462	3	N5/13*
62463	3	N6/13*
62464	4	N20/13
62480	2	6,8,11,12,15,16,18,21/13
62490	2	8,11,12,20,21/13
62498	5	N6/13
62499	6	N20/13
62510	3	6,10,11,18/13
62512	3	N6,N10,N11,N18/13
62520	6	6,10,15,16,21/13
62521	4	N6,N10,N15,N16, N21/13
62530	6	6,8,11,12,14,21,22/13
62531	4	N6,N8,N11,N12,N14, N21/13
62540	6	15,18,20,21,23,24/13
62541	3	N15,N18,N20,N21,N23, N24/13
62550	3	6,8,11,21,22/13
62560	4	11,21/13
62570	4	11,17,23/13
62590	3	11,16,17,20/13
62591	4	N11,N17,N20/13
62592	1	11/13
63000	13	22,27,34,37/13
63005	18	22,27,28,34,37/13
63010	14	2,22,29,30,35,40/13
63015	11	2,28/13
63020	15	22/13
63050	3	21/13
63053	5	21/13
63055	3	11,21/13
63060	8	21,22,23,34,37/13
63062	8	2,27,34,37/13
63063	9	27/13
63065	6	28,37/13
63070	4	2,27,37/13
63080	6	22,34,35,37/13
63090	9	9,27,31,35/13
63091	4	22,27,28,34,37/13
63092	5	N24*,N37/13
63100	3	34/13
63101	17	N9,N22,N27,N31, N35/13
63102	21	N22,N27,N31/13
63103	19	N22,N31/13
63110	4	27/13
63112	1	N27/13
63113	1	N27/13
63120	2	28/13
63121	6	27,28/13
63150	1	22,27,28,29,34,35,37/13
63200	5	28,34/13
63201	11	N28/13
63205	3	N28,N34/13
63210	4	30,34/13
63220	5	40/13
63230	6	22,40/13
63231	9	N40/13
63233	16	40/13
63250	6	2,23/13
63252	2	N23/13
63260	6	2,22,27/13
63270	7	23,28,34/13
63271	9	N23,N28/13
63290	8	N35/13
63291	9	37/13
63310	5	22/13
63320	8	37/13
63321	6	37/13
63330	9	28/13
63337	16	28/13
63383	6	N6*,N35/13
63390	2	23/13
63400	1	33/13
63410	6	33/13
63413	6	N27/13
63420	2	28,33/13
71005	1	36,38/13
71006	5	37/13
71009	3	36/13
71012	4	N26/13*
71027	9	13,16,29,30,31,38,39/13
71033	31	16/13
71040	5	22,37/13
71042	2	N22/13
71043	3	22/13
71044	2	22/13
71045	2	37/13
71052	1	N39/13
71058	3	N28,N32/13
71059	2	N28,N29,N32/13
71061	16	N29,N32/13
71186	3	N34/13*
71243	6	4,6/13
71247	20	N26/13*
71248	3	N29/13
71251	13	N29/13
71252	3	N4/13
71253	12	N31/13*
71256	2	N4,N6,N29/13
71262	7	29/13
71265	4	4,6,16,29,40/13
71271	12	N6/13
71273	5	N6/13
71275	4	29,38,40/13
71285	4	6/13
71305	2	37/13
71311	4	39/13
71315	2	22/13
71320	1	38/13
71325	9	N7/13*
71340	11	13,37,38/13
71343	4	N13/13
71348	3	13/13
71350	8	13/13
71430	3	16/13
71440	2	16,29,40/13
72007	10	32/13
72035	8	32/13
72045	2	32/13
72142	6	29/13
72203	2	32/13
72204	2	N15/13*
73004	4	31/13
73014	10	8/13
73191	3	31/13
73341	8	8/13
73581	4	15/13
73590	6	15/13
73653	1	11/13
74000	6	5,7,9,11/13
74004	2	15,28/13
74009	10	3,4,13/13
74012	10	3/13
74015	10	2/13
74044	2	N23/13*
74150	3	N24/13*
74154	1	N5,N6,N8,N9,N11, N38/13
74155	1	N11/13
74163	1	N8,N9,N11/13
74164	1	N8,N9,N11/13
74171	4	9/13
74172	5	9/13
74180	1	N4/13
74181	8	4,9/13
74182	12	4/13
74216	1	N14/13
74237	3	N14/13
74240	8	15/13
74247	2	N26/13*
74258	1	N14/13
74262	1	N14,N15/13
74263	1	N15/13
74265	2	14,15/13
74280	2	N26/13*
74290	12	35/13
74292	8	35/13
74295	3	35/13
74300	1	N35/13
74302	1	N2,N3,N4/13
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93342	6	N12/13*
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93600	4	N12/13
93610	4	N34/13*
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93652	2	12,37,40/13
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93688	3	N9/13
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94067	11	30/13
94080	8	30/13
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94084	2	N36/13*
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94123	10	N28/13
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94160	9	4,9,11,25,28/13
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CHARTS AFFECTED BY NOTICE TO MARINERS
NM 1/13 THROUGH NM 40/13

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
* indicates New Edition/New Chart; ** indicates Chart Canceled

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94380	5	N11/13*
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95174	2	N27/13
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95272	3	1/13**
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95278	1	N1/13*
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96032	3	3,8/13
96036	2	5,21/13
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97054	1	N16/13*
97058	1	N36/13*
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97216	1	N37/13*
97218	3	37/13**
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97235	2	27/13**
97254	1	N27/13*
97277	12	40/13**
97311	1	N40/13*
97320	6	8/13
97333	1	N40/13*
97342	14	3/13
97360	6	40/13**
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97461	10	N12/13*
97480	9	11,31/13
97483	7	11/13
97521	6	11/13
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800669	9	N12/13
800744	1	N21/13**
800778	2	N25/13**
801208	1	N25/13*
801902	9	N16/13
802202	8	N4/13
802260	6	N12/13
802659	1	N5/13
803222	1	N19,N20,N21,N22,N23, N24,N25,N27,N29,N30, N31,N33,N34/13
803321	1	N39/13**
803406	1	N20/13*
803427	1	N23,N28/13
803470	1	N29/13
803496	1	N19,N20,N23,N24,N25, N27,N30,N31/13
803601	1	N5/13*
803610	1	N40/13*
803618	1	N40/13*
803628	1	N25/13*
803738	1	N35/13
804344	1	N22,N23,N24,N27,N29, N30/13
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806918	1	N11/13
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806958	1	N29/13
806959	1	N27/13
806967	1	N33,N34/13
806973	1	N17*,N19,N20,N21, N26,N28,N32,N33/13
806978	1	N25/13*
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807370	5	N17/13
808528	1	N25/13**
808921	1	N39/13*
809118	1	N40/13*
809121	1	N23,N25,N27,N28,N31, N32,N34,N37/13
809122	1	N17/13*
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809164	1	N13/13*
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SECTION II
NGA/DLIS CATALOG CORRECTIONS

Note: Underlining indicates that column in which a correction has been made or new information added.

NGA Ref. No. (National Stk. No.)	Title	Scale = 1:	Edition No.	Edition Date	Price Category	NTM
	REGION 3					
36BHA36042 (INT 1654) (7642015122607)	UKHO 1176, Severn Estuary-Steep Holm to Avonmouth	40,000	2	6/13	UKHO	40/13
	Plan: Newport	20,000				
37AHA37028 (INT 1563) (7642015122639)	UKHO 1828, Dover to North Foreland	37,500	4	6/13	UKHO	40/13
	Plan: Ramsgate	5,000				
37ACO37055 (INT 1510) (7642015122653)	UKHO 1504, Cromer to Orford Ness	150,000	1	6/13	UKHO	40/13
	REGION 9					
97AHA97277 (7642014014323)	Canceled Note: Replaced by Chart 97311					40/13
97AHA97311 (7642015851875)	Jpn. W1102, Iyo Nada and Approaches 33 14 00N 131 27 48E 33 14 00N 132 46 48E 33 59 12N 132 46 48E 33 59 12N 131 37 00E 34 00 20N 131 37 00E 34 00 20N 131 32 00E 33 59 12N 131 32 00E 33 59 12N 131 27 48E	125,000	1	5/13	JCG	40/13
97ACO97333 (7642015851896)	Jpn. W1222, Western Part of Osumi Kaikyo and Approaches 30 01 12N 129 16 00E 31 53 12N 130 43 00E	200,000	1	6/13	JCG	40/13
97ACO97360 (7642014014293)	Canceled Note: Replaced by Chart 97333					40/13
	MISCELLANEOUS CHARTS AND PUBLICATIONS					
LPCXX803610 (7642015882059)	Al Bahrayn 25 45 00N 50 17 00E 26 20 00N 50 42 00E	50,000	1	5/13	DS	40/13
LPCXX803618 (7642016001211)	Al Khubar 26 00 01N 49 55 00E 26 35 00N 50 18 00E	50,000	1	5/13	DS	40/13
LPCXX809118 (7642016001201)	Ra's Shuraytah 26 00 00N 56 14 00E 26 35 00N 56 38 00E	50,000	1	6/13	DS	40/13
CDPUBQTLY (7644015310779)	Pub. 174, Strait of Malacca and Sumatera, 2013		12			40/13
NOSPBCP2 (7642014008447)	No. 2 Atlantic Coast: Cape Cod, MA to Sandy Hook, NJ, 2014		43		NOS	40/13

Price Categories effective 1 October 2013

A	22.75	D	14.25	E	11.75	F	11.75	G	7.25	H	11.75

SECTION II
NGA/DLIS CATALOG CORRECTIONS

CHS	Canadian Hydrographic Service
DS	Distribution Limited
GPO	Government Printing Office
NOS	National Ocean Service
UKHO	United Kingdom Hydrographic Office
DHO	Danish Hydrographic Office
AHS	Australian Hydrographic Service
JCG	Japan Coast Guard
*	Not for sale or reproduction outside U.S.A.

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EFFECTIVE 1 OCTOBER 2013

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Great Circle Sailing and Polar Charts - Arctic Plotting Charts	E	$ 11.75
Maneuvering Boards (pad of 50) - Great Circle Tracking Charts Display Plotting Charts	F	$ 11.75
Reference Charts (Symbols and Abbreviations - Time Zone) Chart Correction Template - LORAN-C Coverage Diagram Plotting Diagrams - Antarctica Plotting Charts North Atlantic Ocean Training Chart Special Bathymetric Charts of the Mediterranean Sea	G	$ 7.25
Universal Plotting Sheet (pad of 50)	H	$ 11.75

PUBLICATIONS*

Radio Navigational Aids - Notice to Mariners Summary of Corrections -
Radar Navigation and Maneuvering Board Manual -
Sight Reduction Tables - International Code of Signals -
Distances Between Ports - World Port Index, Atlas of Pilot Charts

UNDERSEA FEATURES

Gazetteer of Undersea Features **

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SAILING DIRECTIONS CORRECTIONS

PUB 174 12 Ed 2013 NEW EDITION
(NGA) 40/13

COAST PILOT CORRECTIONS

COAST PILOT 2 43 Ed 2014 NEW EDITION
(NOS) 40/13

COAST PILOT 3 46 Ed 2013 15 SEP 2013
LAST NM 39/13

Chapter 9—Paragraph 63; read:

(63) A dredged channel in Little Creek leads to a basin off the railroad terminal, 1.2 miles south of the jetties. In 2012, the controlling depth in the channel and basin was 20 feet. The channel is marked by a **177°30'** lighted entrance range and by lights. **Little Creek Coast Guard Station** is eastward of the railroad terminal.
(DD 23126; L 910-2013) 40/13

Chapter 12—Paragraph 148; read:

(148) Three fixed bridges, the Richmond, Fredericksburg, and Potomac Railroad bridge, and the two U.S. Route 1 highway bridges, with a least clearance of 44 feet cross Occoquan River 3.6 miles above the bay entrance. Piles extend out into the channel on both sides of the first bridge. An obstruction, covered 1 foot, is on the north side of the third bridge, in about the center of the river. The twin I-95 fixed highway bridges, 4 miles above the entrance, have a clearance of 44 feet. The State Route 123 fixed highway bridge, 5 miles above the entrance, has a clearance of 42 feet. A rock awash is on the north side of the bridge in the center of the river. A power cable just northwestward of the bridge has a clearance of 44 feet.
(L 921-2013) 40/13

Chapter 13—Paragraph 15; read:

(15) **Hooper Island Light** (38°15'23"N., 76°14'59"W.), 63 feet above the water, is shown from a white conical tower on a brown cylindrical base, in depths of 18 feet near the outer edge of the shoals, 3 miles westward from Hooper Islands; a seasonal sound signal is sounded at the light. The light is 2.8 miles due east of a point on the bay ship channel 84.4 miles above the Capes.
(L 769-2013; LL 2013) 40/13

Chapter 14—Paragraph 207; read:

(207) **Tuckahoe Creek** is at Mile 39.5N. The channel in the creek has depths of 8 feet for 2.7 miles, thence 5 feet for 6 miles, and thence less than a foot to the fixed highway bridge from **Hillsboro** to **Queen Anne,** at the head of navigation 11 miles above the entrance. **Tuckahoe Bridge,** 1.7 miles above the entrance, has a fixed span with a clearance of 20 feet. The channel is unmarked, crooked, and difficult to navigate in places without local knowledge. The flats are covered with tuckahoes or marsh grass in the summer. The creek is used only by small fishing and pleasure boats. The overhead power and telephone cables just north of the bridge have a clearance of 25 feet. The overhead power cable across the creek about 6 miles above the mouth has a clearance of 32 feet.
(L 1103-2013) 40/13

COAST PILOT 4 45 Ed 2013 15 SEP 2013
LAST NM 37/13

Chapter 3—Paragraph 152; read:

(152) Vessels not equipped with INMARSAT C or Telex should submit reports to the U.S. Coast Guard's Communication Area Master Station Atlantic (CAMSLANT) via HF voice frequencies on 4125 kHz, 6215 kHz, 8291 kHz, 12290 kHz, and 16420 kHz or by calling 1-800-742-8519x0. Vessels equipped only with VHF-FM voice communications should submit reports to the nearest U.S. Coast Guard Sector Office.
(LNM 21/13 CG1) 40/13

Chapter 12—Paragraph 43; read:

(43) At **Mile 8.1,** the remains of a railroad swing bridge cross the waterway with a horizontal clearance of 80 feet. In 2013, the US 17/Dominion Boulevard Bridge at **Mile 8.8** was under construction. At the entrance of **Sykes Creek, Mile 9.3,** there is a small-craft basin which had reported depths of 5 feet in the approach and alongside the berths in 1983. Berths with electricity, water, gasoline, diesel fuel, ice, and some marine supplies are available. A marine railway in the basin can handle craft up to 35 feet for hull and engine repairs. In 1978, submerged piles were reported in the entrance to Sykes Creek, in about 36°44'02"N., 76°17'08"W.
(L 754-2013) 40/13

Appendix A—Paragraphs 207 to 208; read:

(207) **Urgent broadcasts** are preceded by the urgent signal PAN PAN. Both the urgent signal and message are transmitted on VHF-FM channel 16.

(208) **Safety broadcasts** are preceded by the safety signal SECURITY. After the preliminary safety signal is broadcast on VHF-FM channel 16, broadcast stations will shift to VHF-FM channel 22A.
(LNM 21/13 CG1) 40/13

COAST PILOT 9 31 Ed 2013 15 SEP 2013
LAST NM 37/13

Chapter 5—Paragraph 554; read:

(554)<Deleted Paragraph>
(H 12449) 40/13

CORRECTIONS TO C. G. LIGHT LIST, VOLUME I ATLANTIC COAST, 2013

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
3531	*Castine DeepC Wind North Anchor Lighted Buoy NE*	44-23-10.80N 68-49-18.60W	Fl W 4s			White with orange bands.	Private aid.	
	*	*	*					40/13
3531.1	*Castine DeepC Wind West Anchor Lighted Buoy W*	44-22-55.40N 68-49-24.70W	Fl W 4s			White with orange bands.	Private aid.	
	*	*	*					40/13
3531.2	*Castine DeepC Wind East Anchor Lighted Buoy SE*	44-23-03.20N 68-49-35.58W	Fl Y 4s			White with orange bands.	Private aid.	
	*	*	*					40/13
3532	*Castine DeepC Wind Metocean Lighted Research Buoy*		Fl Y 4s			Yellow.	Private aid.	
		*	*					40/13
3533	CASTINE DEEPC WIND VOLTURNUS FLOATING WIND TURBINE LIGHT	44-23-05.00N 68-49-27.30W	Mo (U) W 20s			Floating wind tower.	Private aid.	
		*						40/13
7387	*Basket Island Lighted Shellfish Raft A*	43-43-58.00N 69-50-05.00W	Q W			Shellfish raft.	Private aid.	
	*							40/13
7387.1	*Basket Island Lighted Shellfish Raft B*	43-43-58.20N 70-09-52.80W	Q W			Shellfish raft.	Private aid.	
	*							40/13
	***Add Note:**							
	Maintained from May 1 to Sep. 30.							
9416	- Buoy 1	42-41-37.00N 70-47-11.40W					Private aid.	
								40/13
	***Add Note:**							
	Maintained from May 1 to Sep. 30.							
9418	- Daybeacon 1	42-42-42.60N 70-48-51.40W					Private aid.	
								40/13
*29037	Shinnecock Tide Temporary Research Buoy	40-49-21.00N 72-28-35.00W				Yellow can.	Private aid.	
								40/13
*29100	Moriches Tide Temporary Research Buoy	40-44-55.00N 72-45-14.00W				Yellow can.	Private aid.	
								40/13
34230	- Buoy 7	40-33-12.99N 73-56-45.20W				Green can.		
		*						40/13
34240	*- Lighted Buoy 9*	40-33-30.70N 73-56-26.78W	Fl G 4s		4	Green.		
		*						40/13

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II ATLANTIC COAST, 2013

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
6610	- Buoy 2	37-34-40.35N 75-34-40.48W				Red nun.		
		*						40/13
6620	- Buoy 6	37-34-46.87N 75-36-37.07W				Red nun.		
		*						40/13

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CORRECTIONS TO C. G. LIGHT LIST, VOLUME II ATLANTIC COAST, 2013

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
8180	*- Lighted Buoy 7*	39-11-09.21N 76-27-48.36W	Fl G 6s		6	Green.	Replaced by can when endangered by ice.	
					*			40/13
23767	- CHANNEL LIGHT 14	38-14-00.52N 75-52-10.32W	Fl R 4s	15	4	TR on pile.		
					*			40/13
23890	- CHANNEL LIGHT 35	38-19-18.01N 75-44-46.44W	Fl G 2.5s	15	4	SG on multi-pile structure.		
					*			40/13
24400	GOOSE CREEK LIGHT 1GC	38-16-21.85N 76-01-40.27W	Fl G 2.5s	15	4	SG on pile.	Light equipment removed when endangered by ice.	
	*				*			40/13
28667	*- Lighted Buoy 8*	35-11-24.06N 75-45-36.48W	Q R		3	Red.		
		*						40/13
28729	*- Lighted Buoy 11*	35-12-01.08N 75-44-50.60W	Fl G 4s		3	Green can.		
		*						40/13
28732.1	*- Channel Lighted Buoy 12A*	35-12-03.67N 75-44-28.42W	Fl R 2.5s		3	Red.		
		*						40/13
28733.1	- Channel Buoy 12B	35-12-04.33N 75-44-10.53W				Red nun.		
		*						40/13
35527	- Buoy 128A	39-30-04.90N 74-20-39.37W				Red nun with yellow square.		
		*						40/13
35536	- Warning Daybeacon	39-30-02.07N 74-20-47.79W				NW on pile worded DANGER SHOAL.		
	*		*	*	*	*		40/13
*35536.1	*- Lighted Buoy 130*	39-29-59.66N 74-20-48.19W	Q R		3	Red nun with yellow triangle.		
								40/13
37440	- LIGHT 55	36-34-31.98N 76-02-24.82W	Fl G 4s	15	4	SG-SY on pile.		
							*	40/13
37455	- LIGHT 61	36-33-23.72N 76-01-44.65W	Fl G 4s	16	4	SG-SY on pile.		
							*	40/13
39597	- Buoy 121	34-14-59.80N 77-46-55.54W				Green can with yellow square.		
		*						40/13

CORRECTIONS TO C. G. LIGHT LIST, VOLUME III ATLANTIC AND GULF COAST, 2013

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
4575	*- Lighted Buoy 7*	31-59-39.73N 80-47-07.02W	Q G		4	Green.		
					*			40/13
4840	*- Lighted Buoy 36*	32-04-29.55N 80-58-18.61W	Fl R 4s		5	Red.		
					*			40/13

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CORRECTIONS TO C. G. LIGHT LIST, VOLUME III ATLANTIC AND GULF COAST, 2013

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
5565	- Buoy A	33-28-06.59N 81-56-05.23W				White with orange diamond.		
	*	*				*		40/13
5570	- Buoy B	33-28-12.15N 81-56-29.63W				White with orange diamond.		
	*	*				*		40/13
5575	- Buoy C	33-28-20.91N 81-56-56.77W				White with orange diamond.		
	*	*				*		40/13
*5576	- Buoy D	33-28-33.00N 81-57-23.00W				White with orange diamond.		
								40/13
*5577	- Buoy E	33-28-37.00N 81-57-29.99W				White with orange diamond.		
								40/13
*5578	- Buoy F	33-28-41.01N 81-57-37.99W				White with orange diamond.		
								40/13
6795	- LIGHT 3	30-43-23.34N 81-31-51.24W	Fl G 4s	16	5	SG on pile.		
					*			40/13
15970	- LIGHT 1 On South end of bank.	25-47-58.82N 81-28-04.30W	Fl G 4s	16	5	SG on pile.		
		*			*			40/13
16015	- LIGHT 12	25-49-36.72N 81-25-38.28W	Fl R 4s	16	5	TR on pile.		
		*			*			40/13
16030	- LIGHT 15	25-49-58.35N 81-25-24.87W	Fl G 4s	16	5	SG on pile.		
					*			40/13
16065	- Daybeacon 24	25-50-20.33N 81-24-28.36W				TR on pile.		
		*						40/13
17167	- Daybeacon 3A	25-58-50.32N 81-44-20.43W				SG on pile.		
		*						40/13
17335	- Daybeacon 46	26-02-29.18N 81-46-29.07W				TR on pile.		
		*						40/13
22725	*- Lighted Buoy 3D*	27-42-38.22N 82-32-44.41W	Fl G 4s		5	Green.		
					*			40/13
24620	- Jetty Obstruction Daybeacon						*Remove from list.*	
							*	40/13
30815	*San Juan Harbor Anchorage F Lighted Buoy A*	18-27-00.81N 66-06-58.97W	Fl Y 2.5s		4	Yellow.		
					*			40/13
*31383	*CariCOOS Data Lighted Buoy E*	18-15-34.14N 65-27-24.54W	Fl Y 4s			Yellow.	Private aid.	
								40/13
*33710.3	Horry County Boat Landing Obstruction Buoy A	33-47-24.42N 78-46-33.72W				White and orange banded can, worded OBSTRUCTION.	Private aid.	
								40/13

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CORRECTIONS TO C. G. LIGHT LIST, VOLUME III ATLANTIC AND GULF COAST, 2013

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
*33710.4	Horry County Boat Landing Obstruction Buoy B	33-47-26.34N 78-46-30.72W				White and orange banded can, worded OBSTRUCTION.	Private aid.	40/13
*38193	- Buoy 49A	30-30-12.23N 81-28-13.43W				Green with yellow square.		40/13
38245	- LIGHT 67	30-27-42.80N 81-26-59.82W	Fl G 4s	16	5	SG-SY on pile.		
					*			40/13
59330	- LIGHT 37	27-26-02.90N 82-40-24.42W	Fl G 2.5s	16	5	SG-SY on pile.		
		*						40/13

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV GULF OF MEXICO, 2013

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
27190	*- Lighted Buoy 14*	28-26-12.61N 96-20-16.81W	Q R		3	Red.		
		*						40/13
41135	- Buoy 1						*Remove from list.*	
							*	40/13
41140	- Buoy 3						*Remove from list.*	
							*	40/13
41145	- Buoy 5						*Remove from list.*	
							*	40/13
41150	- Buoy 7						*Remove from list.*	
							*	40/13
*41150.01	- Daybeacon 1	27-15-55.93N 97-24-46.00W				SG-SY on pile.	Ra ref.	40/13
41155	- Buoy 9						*Remove from list.*	
							*	40/13
41160	- LIGHT 3	27-15-29.09N 97-24-51.17W	Fl G 6s	17	4	SG-SY on pile.		
	*							40/13
41165	- Daybeacon 4	27-15-30.26N 97-24-53.87W				TR-TY on pile.	Ra ref.	
	*							40/13
41170	- Buoy 13						*Remove from list.*	
							*	40/13
41175	- Buoy 15						*Remove from list.*	
							*	40/13
41180	- Buoy 17						*Remove from list.*	
							*	40/13
41185	- LIGHT 7	27-14-25.93N 97-25-05.47W	Fl G 4s	17	4	SG-SY on pile.		
	*							40/13
41190	- Daybeacon 8	27-14-25.17N 97-25-08.50W				TR-TY on pile.		
	*							40/13

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CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV GULF OF MEXICO, 2013

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
41195	- Buoy 21						*Remove from list.*	
							*	40/13
41200	- Buoy 23						*Remove from list.*	
							*	40/13
*41200.01	- Daybeacon 9	27-13-54.87N 97-25-12.63W				SG-SY on pile.	Ra ref.	
								40/13
41205	- Buoy 25						*Remove from list.*	
							*	40/13
41210	- LIGHT 11 60 feet outside channel limit.	27-13-26.39N 97-25-18.32W	Fl G 4s	17	4	SG-SY on pile.		
	*							40/13
41215	- Daybeacon 12	27-13-26.95N 97-25-21.37W				TR-TY on pile.		
	*							40/13
41220	- Buoy 29						*Remove from list.*	
							*	40/13
41225	- Buoy 31						*Remove from list.*	
							*	40/13
*41225.01	- Daybeacon 13					SG-SY on pile.	Ra ref.	
								40/13
41230	- Buoy 33						*Remove from list.*	
							*	40/13
41235	- LIGHT 15	27-12-27.41N 97-25-31.00W	Fl G 4s	17	4	SG-SY on pile.		
	*							40/13
41240	- Daybeacon 16	27-12-27.85N 97-25-34.11W				TR-TY on pile.	Ra ref.	
	*							40/13
41245	- Buoy 37						*Remove from list.*	
							*	40/13
41250	- Buoy 39						*Remove from list.*	
							*	40/13
*41250.01	- Daybeacon 17	27-11-57.20N 97-25-37.08W				SG-SY on pile.	Ra ref.	
								40/13
41260	- LIGHT 19	27-11-25.43N 97-25-43.99W	Fl G 6s	17	4	SG-SY on pile.		
	*							40/13
41265	- Daybeacon 20	27-11-28.10N 97-25-47.00W				TR-TY on pile.		
	*							40/13
41270	- Buoy 45						*Remove from list.*	
							*	40/13
41275	- Buoy 47						*Remove from list.*	
							*	40/13
*41275.01	- Daybeacon 21	27-10-52.73N 97-25-52.03W				SG-SY on pile.	Ra ref.	
								40/13
41280	- Buoy 49						*Remove from list.*	
							*	40/13

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CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV GULF OF MEXICO, 2013

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
41290	- Daybeacon 24	27-10-26.07N 97-26-00.55W				TR-TY on pile.		
	*							40/13
41295	- Buoy 53						*Remove from list.*	
							*	40/13
*41295.01	- Daybeacon 25	27-09-57.81N 97-26-03.81W				SG-SY on pile.	Ra ref.	
								40/13
41300	- Buoy 55						*Remove from list.*	
							*	40/13
41305	- Buoy 57						*Remove from list.*	
							*	40/13
41310	- LIGHT 27	27-09-28.18N 97-26-09.67W	Fl G 2.5s	17	3	SG-SY on pile.	Ra ref.	
	*							40/13
41315	- Daybeacon 28	27-09-29.86N 97-26-13.40W				TR-TY on pile.		
	*							40/13
41320	- Buoy 61						*Remove from list.*	
							*	40/13
41325	- Buoy 63						*Remove from list.*	
							*	40/13
*41325.01	- Daybeacon 29	27-09-02.33N 97-26-15.74W				SG-SY on pile.	Ra ref.	
								40/13
41330	- Buoy 65						*Remove from list.*	
							*	40/13
41335	- LIGHT 31	27-08-29.08N 97-26-22.31W	Q G	17	3	SG-SY on pile.	Ra ref.	
	*							40/13
41340	- Daybeacon 32	27-08-29.10N 97-26-26.00W				TR-TY on pile.		
	*							40/13
41345	- Buoy 69						*Remove from list.*	
							*	40/13
41350	- Buoy 71						*Remove from list.*	
							*	40/13
*41350.01	- Daybeacon 33	27-07-57.79N 97-26-24.77W				SG-SY on pile.	Ra ref.	
								40/13
41355	- Buoy 73						*Remove from list.*	
							*	40/13
41360	- Buoy 75						*Remove from list.*	
							*	40/13
41365	- LIGHT 34	27-07-24.35N 97-26-30.03W	Fl R 2.5s	17	3	TR-TY on pile.	Ra ref.	
	*							40/13

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CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI PACIFIC COAST AND PACIFIC ISLANDS, 2013

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
625 9220	*Umpqua River Approach Lighted Whistle Buoy U*	43-39-58.22N 124-14-25.42W	Mo (A) W		4	Red and white stripes.	No topmark will be shown on this aid, as required by IALA standards, due to weather.
					*		40/13
*765.33	*DART Tsunami Lighted Buoy*	44-38-30.00N 124-59-24.00W	Fl Y 4s			Light gray pyramid-shaped hull.	Aid maintained by NOAA.
							40/13
*765.35	*DART Tsunami Lighted Buoy*	44-48-12.00N 125-59-35.00W	Fl Y 4s			Light gray pyramid-shaped hull.	Aid maintained by NOAA.
							40/13
790	**Cape Beale Light** (C)	48-47-12.00N 125-12-48.00W	Fl W 5s	167	16	Red square skeleton tower with white slatwork daymark on 3 sides. 32	HORN: 1 blast ev 30s (3s bl). Emergency light.
			*		*		* 40/13
1300 27865	KWIGUK PASS ENTRANCE LIGHT	62-48-07.04N 164-52-04.02W	Fl W 2.5s	18	8	NR on skeleton tower.	Maintained from July 1 to Nov. 1. Ra ref.
		*					* 40/13
1310 27875	YUKON RIVER NORTH ENTRANCE LIGHT	63-02-26.57N 163-22-46.33W	Fl W 6s	19	8	NR on skeleton tower.	Obscured from 286° to 161°. Ra ref.
		*					40/13
1360	SHISHMAREF LIGHT	66-15-31.69N 166-02-24.59W	Fl W 4s	20	6	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
		*					40/13
9220 625	*- Approach Lighted Whistle Buoy U*	43-39-58.22N 124-14-25.42W	Mo (A) W		4	Red and white stripes.	No topmark will be shown on this aid, as required by IALA standards, due to weather.
					*		40/13
10640	ABERNATHY POINT LIGHT 83	46-11-25.02N 123-10-03.86W	Fl G 2.5s	20	4	SG on pole.	
		*				*	40/13
	Multnomah Channel						
*14820	HOULIHAN DOCK LIGHT	45-52-30.47N 122-47-58.20W	Fl Y 4s			On floating dock.	Private aid.
							40/13
18825	- RANGE REAR LIGHT 1,081 yards, 252° from front light.	48-21-22.27N 122-34-49.17W	Iso W 6s	50		KRW on skeleton tower on multi-pile structure.	Visible 14° each side of range line.
	*	*					40/13
19664	Orcas Island Ferry Terminal Warning Buoy						*Remove from list.*
							* 40/13
	***Add Heading:** **Captains Bay**						
*27500.1	CARL E. MOSES HARBOR LIGHT A	53-52-11.58N 166-33-01.17W	Fl W 4s	13	5	NR on spindle.	
							40/13
*27500.2	CARL E. MOSES HARBOR LIGHT B	53-52-10.00N 166-33-03.13W	Fl W 2.5s	13	5	NR on spindle.	
							40/13
*27500.3	CARL E. MOSES HARBOR LIGHT C	53-52-06.74N 166-33-08.11W	Fl W 4s	13	5	NR on spindle.	
							40/13
*27500.4	CARL E. MOSES HARBOR LIGHT D	53-52-03.43N 166-13-12.99W	Q W	13	5	NR on spindle.	
							40/13

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CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI PACIFIC COAST AND PACIFIC ISLANDS, 2013

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
27865 1300	KWIGUK PASS ENTRANCE LIGHT	62-48-07.04N 164-52-04.02W	Fl W 2.5s	18	8	NR on skeleton tower.	Maintained from Jul. 1 to Nov. 1. Ra ref.
		*					* 40/13
27875 1310	YUKON RIVER NORTH ENTRANCE LIGHT	63-02-26.57N 163-22-46.33W	Fl W 6s	19	8	NR on skeleton tower.	Obscured from 286° to 161°. Maintained from Jul. 1 to Nov. 1. Ra ref.
		*					40/13
27985	CAPE ESPENBERG LIGHT	66-33-26.83N 163-36-29.03W	Fl W 2.5s	28	6	NR on skeleton tower.	Maintained from Jul. 1 to Nov. 1.
		*					40/13

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CORRECTIONS TO PUB 110, LIST OF LIGHTS, 2013 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
14774 *J 5695*	- - -Range, front.	17° 07.1′ N 61° 50.6′ W	**Iso.R.** period 6s	62 **19**	6	Metal mast, red square daymark; 56.		
			*					40/13

CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2012 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
20601 *F 2986.1*	Map Ta Phut Range, front, No 18.	12° 40.5′ N 101° 08.6′ E	**Fl.G.** period 4s fl. 0.3s, ec. 3.7s	102 **31**	10	Red and white metal framework tower, red and white square daymark; 98.		
			*	*	*	*		40/13
20601.1 *F 2986.11*	-Rear, No 19, 1600 meters 345° 30′ from front.	12° 41.4′ N 101° 08.4′ E	**Fl.W.R.G.** period 4s fl. 0.3s, ec. 3.7s	167 **51**	**15**	Red and white metal framework tower, red and white square daymark; 98.	G. 344° 48′ -345° 18′ , W.-345° 54′ , R.-346° 24′ .	
			*	*	*	*	*	40/13
20602 *F 2986.5*	-W. breakwater, head.	12° 38.8′ N 101° 08.9′ E	**Fl.W.** period 4s fl. 0.3s, ec. 3.7s	10 **3**	7	Red and white checkered structure; 13.		
		*	*	*	*	*		40/13
*20602.5 *F 2986.7*	-BLCP Jetty.	12° 39.7′ N 101° 09.3′ E	**F.W.R.G.**	164 **50**	4	White metal post; 151.	G. 358° 36′ -359° 18′ , W.-000° 42′ , R.-001° 24′ .	
								40/13
20952 *F 2885.2*	Kuala Setiu Bharu.						*Remove from list.*	
							*	40/13
*20954 *F 2885.16*	Penarik.	5° 36.6′ N 102° 49.7′ E	**Fl.(4)Y.** period 10s	39 **12**	8	Yellow structure on piles.		
								40/13
21004 *F 2870*	Tanjung Dungun.	4° 46.9′ N 103° 26.3′ E	**Fl.W.** period 10s fl. 0.7s, ec. 9.3s	249 **76**	10	White round tower, red bands; 59.		
*				*	*	*		40/13
*21013 *F 2869.26*	-Range, front.	4° 34.7′ N 103° 27.6′ E	**Fl.W.** period 2s fl. 0.6s, ec. 1.4s		12	White beacon, white triangular daymark, point up.		
								40/13
*21014 *F 2869.261*	- -Rear, 730 meters 241° from front.	4° 34.5′ N 103° 27.3′ E	**Fl.W.** period 2s fl. 0.6s, ec. 1.4s		12	White beacon, white triangular daymark, point down.		
								40/13
21034.2 *F 2860*	-No. 1.	4° 13.8′ N 103° 29.3′ E	**Fl.G.** period 5s	43 **13**	11	White column, green triangular daymark, point up.		
*				*	*	*		40/13

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CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2012 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
*21041 *F 2863*	-Kemaman. N. breakwater.	4° 14.0′ N 103° 27.2′ E	**Q.R.**		8	Beacon.		40/13
*21041.5 *F 2863.1*	- -S. breakwater.	4° 13.8′ N 103° 27.1′ E	**Fl.Y.** period 3s		8	Beacon.		40/13
21042 *F 2865*	-Range, front.						*Remove from list.*	* 40/13
21042.1 *F 2865.1*	-No.4.	4° 14.7′ N 103° 27.0′ E	**Fl.G.** period 2s	33 **10**	5	White pillar on piles, white triangular daymark, point down.		* 40/13
*21169	Tanjung Leman, port.	2° 09.3′ N 104° 00.4′ E	**Fl.R.** period 3s	16 **5**	5	Concrete tower.		40/13
*21169.5	-Starboard.	2° 09.3′ N 104° 00.4′ E	**Fl.G.** period 3s	16 **5**	5	Concrete tower.		40/13
21691 *F 1669.1*	**Panjang Selatan.**	1° 23.4′ N 103° 07.8′ E	**Fl.W.** period 5s	97 **30**	**15**	White round tower on piled platform.		* * 40/13
*22351 *F 1323.5*	-Range, front.	5° 13.4′ N 97° 05.6′ E	**Q.R.**	138 **42**	8	White beacon, white triangular daymark, point up; 125.		40/13
27302	*-Approach buoy 2.*						*Remove from list.*	* 40/13
*27303 *F 0783*	-W. breakwater, head.	6° 57.9′ N 79° 49.9′ E	**Fl.G.** period 6s	66 **20**	5	Green metal column, white bands.		40/13
*27303.3 *F 0784*	-E. breakwater, head.	6° 57.6′ N 79° 50.3′ E	**Fl.R.** period 6s	66 **20**	5	Red metal column, white bands.		40/13
27304 *F 0785*	-SW. breakwater, head.	6° 57.3′ N 79° 50.6′ E	**Oc.G.** period 5s	56 **17**	13	Concrete tower; 62.		* * 40/13
27308 *F 0787*	- -Spur.	6° 57.2′ N 79° 50.8′ E	**Q.G.**	26 **8**	5	Metal column.	Visible 161° -015° .	* * 40/13

Note: *Asterisks (*) indicate that column(s) in which a correction has been made or new information added. Denotes a new entry when preceding the station number.*

CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2012 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
27312 *F 0786*	- -Elbow.	6° 57.2′ N 79° 50.8′ E	**Fl.G.** period 3s	50 **15**	5		Visible 155° -270° . Pilot signal station.	
*	*							40/13
27316 *F 0788*	-NW. breakwater, S. head.	6° 57.3′ N 79° 50.8′ E	**Fl.R.** period 3s fl. 0.5s, ec. 2.5s	42 **13**	10	Round stone tower; 39.		
*	*		*			*		40/13
*27318 *F 0789*	- -Center.	6° 57.4′ N 79° 50.9′ E	**Dir.F.W.R.G.**		W. 7 R. 5 G. 5		G. 132° -134° 42′ , W.-137° 24′ , R.-140° 06′ .	
								40/13
27320 *F 0790*	- -N. head.	6° 57.6′ N 79° 51.1′ E	**Fl.G.** period 3s fl. 0.5s, ec. 2.5s	42 **13**	10	Round stone tower; 36.		
	*		*			*		40/13

Note: *Asterisks (*****) indicate that column(s) in which a correction has been made or new information added. Denotes a new entry when preceding the station number.*

PUBLICATIONS AFFECTED BY NOTICE TO MARINERS THROUGH NM 40/13

Note: * indicates New Edition/New Publication; ** indicates Publication Canceled; N indicates Not For Sale

Publication	Ed.	Notice to Mariners No.
NGA/DLIS CATALOGS CATCDLIMDIS		
Region 1	2005	11*,12,13,14,15,16,18,21,22,23,24,25,26,27,28,29,31,32,33,34,35,36,38,39,40,41,42,43,45,46,47,48,49,50,51,53/05;2,3,4,5,6,8,9,10,11,12,14,15,16,17,19,20,21,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,45,46,48,49,50,51,52/06;1,3,4,6,7,8,10,11,12,13,14,17,19,20,22,23,24,25,26,30,31,32,33,34,36,37,38,40,41,43,44,45,46,47,49,50,51,52/07;1,5,6,7,8,11,12,13,15,16,17,18,19,20,21,22,23,24,25,27,28,30,31,32,33,34,36,38,39,40,41,42,43,44,46,47,48,50,51/08;1,3,6,7,8,9,10,11,13,14,15,17,19,22,23,24,25,26,27,28,29,30,31,32,34,35,37,39,40,41,42,44,46,47,48,52/09;1,3,4,5,9,10,11,12,15,17,18,19,23,24,26,27,28,31,32,34,35,37,38,40,41,43,44,46,48,51,52/10;2,3,4,8,10,11,13,14,15,16,17,18,19,20,21,22,23,27,28,31,32,33,34,35,36,40,41,43,44,45,47,48,49,50,51,52,53/11;2,3,4,6,7,8,10,11,14,16,18,22,23,25,27,29,31,32,33,34,35,36,37,38,39,43,44,45,46,47,52/12;1,2,3,4,6,7,8,9,10,11,12,13,16,17,18,19,20,21,22,23,24,25,26,27,28,31,32,33,34,35,36,37,38,39/13
Region 2	2005	11*,25,41/05;8,12,13,14,20,23,25,26,27,29,31,37,39,42/06;3,10,12,13,21,24,32,34,51/07;21,31,34,45,48,49/08;1,3,7,23,25,30,31,39,41,48,50/09;6,8,10,11,16,17,19,24,26,27,28,30,32,35,37,38,40,43,46,47,49/10;7,8,9,10,14,15,18,19,21,23,26,27,29,34,35,41,45,49,51,53/11;3,4,6,7,8,10,16,17,21,22,25,26,34,36,37,38,39,44/12;3,4,5,6,7,8,10,11,12,13,30,31,34,35,38/13
Region 3	2005	11*,12,13,14,16,17,19,23,24,25,27,31,32,34,35,37,40,45,46,47,51/05;4,5,8,12,15,17,18,20,21,22,23,25,26,27,29,30,32,40,42,43,47,52/06;2,3,4,5,6,7,9,11,12,13,14,20,21,24,27,28,29,30,37,38,42,44/07;6,7,8,10,16,21,25,26,27,31,32,33,36,37,38,46,49,52/08;4,5,16,20,22,25,33,34,39,40,41,42,43/09;6,7,12,13,18,22,26,31,37,39,46/10;14,18,21,26,29,32,34,37,38,40,43,44,53/11;1,2,3,4,5,6,13,21,24,26,29,30,31,34,37,38,39,40,41,42,44,45,51,52/12;1,5,6,7,8,9,10,11,15,16,17,18,22,24,25,26,27,31,34,35,36,37,39,40/13
Region 4	2005	11/05*;20,43/07;17,20,25,43,45/08;5,26,29,35,39,42,43,44,45,49/09;5,11,12,18,19,27,30,32,44,49/10;7,8,9,11,15,16,17,18,21,23,27,34,42,44,45,48/11;4,5,8,20,21,34,36,38,40,41,43/12;1,6,8,9,15,18,22,24,25,26,27,30,34,35,36/13
Region 5	2005	11*,14,18,20,22,23,28,36,41,43,45,49/05;4,5,7,9,10,12,14,27,32,45/06;3,20,23,25,28,30,31,41/07;8,13,17,20,22,25,29,31,33,36,38,40,51/08;1,5,6,7,8,9,10,11,12,16,18,19,24,25,30,31,38,39,41,44,48,50/09;5,10,11,16,17,18,22,26,27,28,32,37,38,39,46/10;9,10,14,15,17,20,21,22,28,34,42,43,44,53/11;6,16,21,22,24,25,29,31,33,34,37,39,41,42,43,48,52/12;1,4,5,6,7,8,11,12,15,18,21,24,25,26,27,30,34,36,38,39/13
Region 6	2005	11*,18,23,28,43,46,52/05;5,7,10,12,14,16,25,30,35,36,40,41,42,43,45,50/06;3,6,7,10,12,20,28,30,35,39,41,42,50/07;3,7,8,11,13,15,20,22,32,34,37,43,45,46/08;7,8,14,16,18,23,38,41,48/09;10,19,28,32,46/10;9,10,11,37/11;1,11,17,20,21,22,26,29,32,33,34,36,37,42,52/12;1,5,6,7,12,18,21,24,26,27,31,35/13
Region 7	2005	11*,14,43,47,52/05;12,14,15,17,18,19,20,21,25,27,35,42,45,46,47,48,49,52/06;3,4,8,9,10,11,12,13,14,15,16,17,18,19,20,23,30,34,35,36,39,42,50/07;1,7,10,16,17,20,22,25,26,37,42,43,48/08;1,8,10,11,12,13,14,20,22,41,43/09;17,22,36,39,41,42,44,45,46,47,49/10;9,17,34,35,52/11;4,6,22,36,42,47/12;7,15,23,24,25,26,31,34/13
Region 8	2005	11*,23,53/05;15,16,25,32,35,39,52/06;10,20,23,39,40,41/07;8,21,36,39,49,51/08;5,7,14/09;19,22,24,32,37,42,49/10;27/11;12,17,24,30,34/13
Region 9	2005	11*,43,47,52/05;2,4,5,8,21,22,25,27,29,32,39,40,42,45/06;3,4,7,10,13,21,22,28,29,34,38,40,41,50/07;3,7,8,10,17,19,20,24,25,32,33,34,36,38,43,45,48,49/08;1,5,8,9,10,13,14,18,24,25,30,33,34,35,39,43,44,48,50/09;5,10,12,19,32,38,44,46/10;9,10,11,12,18,21,22,33,34,44,45,46,48,49,50,51,52,53/11;1,3,4,5,6,8,9,10,12,13,14,16,17,20,21,22,26,27,29,33,34,36,37,38,39,41,42,44,45,46,51,52/12;1,5,6,8,10,11,12,16,17,22,24,27,30,31,34,35,36,37,40/13

PUBLICATIONS AFFECTED BY NOTICE TO MARINERS THROUGH NM 40/13

Note: * indicates New Edition/New Publication; ** indicates Publication Canceled; N indicates Not For Sale

Publication	Ed.	Notice to Mariners No.
Miscellaneous Charts and Publications	2005	11*,12,13,14,15,16,18,19,20,21,22,24,25,27,28,29,31,32,33,35,36,37,38,39,41,42,43,44,46,47,48,50,52,53/05;1,3,4,5,6,7,9,10,11,13,14,15,16,17,18,19,20,22,23,24,25,26,27,28,29,30,31,32,35,36,39,40,41,42,44,45,46,49,50,51,52/06;1,3,4,6,7,10,13,17,18,19,21,22,24,26,27,29,30,31,32,33,34,35,36,37,38,39,40,43,44,45,46,47,48,49,50,51,52/07;1,2,3,4,6,7,8,9,10,11,12,13,14,16,17,18,19,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,44,45,46,47,48,52/08;1,2,3,4,6,7,8,9,10,11,12,13,17,18,19,20,22,24,25,26,27,28,29,30,31,32,34,35,36,37,38,39,40,41,42,43,45,46,47,48,49,50,51,52/09;2,3,4,5,6,7,8,9,10,11,12,13,14,15,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,35,36,37,38,39,40,41,42,43,44,45,46,47,48,50/10;3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,29,30,31,32,33,34,35,36,38,39,40,41,42,43,44,45,46,47,48,50,51,52,53/11;2,3,4,5,6,7,10,12,13,14,16,17,18,19,20,21,22,23,24,25,26,27,29,30,31,32,33,34,35,36,37,38,39,40,41,43,45,46,47,48,49,52/12;1,2,4,5,6,7,8,10,11,12,13,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,31,32,34,35,36,37,38,39,40/13
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PUB 127	2013	36/13*
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PUB 183	2013	13/13*
PUB 191	2013	38/13*
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DIGITAL PUBS - QUARTERLY	2013	31/13*
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PUB 229 VOL. 4	1970	3/71*
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PUB 249 VOL. 2	1952	46/52*
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NOS TIDE TABLES		
W PACIFIC/INDIAN OCEAN	2013	N46/12*
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PACIFIC	2013	N46/12*

BROADCAST WARNINGS

Details concerning the particulars of the broadcasting of radio navigational warnings may be found in Radio Navigational Aids, Pub. 117.

NAVAREA IV

Messages in force 261430Z September 2013:

2011 series	2013 series	362(28)	493(24,25)	569(11)	589(24)
385(28)	208(GEN)	364(GEN)	532(28)	575(GEN)	590(11)
2012 series	255(28)	437(26,28)	536(11)	576(11)	593(GEN)
40(28)	286(24)	446(24,25)	539(15)	581(11)	
286(GEN)	298(28)	462(14)	544(24)	583(28)	
610(GEN)	359(28)	470(24)	565(11)	585(28)	
707(27,28)	361(28)	489(11)	566(14)	586(GEN)	

The summary of all NAVAREA IV messages in force as of 19 December 2012 is given in Section III of NM 52/12. Warnings issued during the subsequent quarters are issued in NM 13/13, 26/13 and 39/13.

NAVAREA IV WARNINGS issued from 191200Z to 261430Z September 2013.

581/13(11).
GULF OF MEXICO.
LOUISIANA.
1. SURVEY OPERATIONS IN PROGRESS UNTIL 15 DEC
BY WAVE GLIDER IN AREA BOUND BY
27-52-06N 092-29-17W, 27-45-39N 092-29-19W,
27-45-20N 091-40-21W, 27-52-06N 091-32-34W.
2. CANCEL THIS MSG 16 DEC 13.

(191413Z SEP 2013)

582/13. CANCELED.

583/13(28).
BAY OF CAMPECHE.
MEXICO.
1. SEISMIC SURVEY IN PROGRESS UNTIL 30 SEP
BY M/V VERACRUZ MARINO IN AREA BOUND BY
18-53.740N 095-11.563W,
18-32.361N 094-16.586W,
18-22.356N 094-16.721W,
18-55.582N 095-42.502W,
18-56.928N 095-43.777W,
19-13.522N 095-45.428W,
19-00.462N 095-11.405W.
2. CANCEL THIS MSG 01 OCT 13.

(201438Z SEP 2013)

584/13. CANCELED.

585/13(28).
GULF OF MEXICO.
BAY OF CAMPECHE.
CHART 28260
ODAS BUOY 19-38.42N 090-58.61W UNLIT.

(202216Z SEP 2013)

586/13(GEN).
1. NAVAREA IV WARNINGS IN FORCE AS OF 211000Z SEP 13.
2011 SERIES: 385(28).
2012 SERIES: 40(28), 286(GEN), 610(GEN), 707(27,28).
2013 SERIES: 208(GEN), 255(28), 286(24), 298(28),
359(28), 361(28), 362(28), 364(GEN), 437(26,28),
446(24,25), 462(14), 470(24), 489(11), 493(24,25),
532(28), 536(11), 539(15), 544(24), 556(24),
559(27,28), 565(11), 566(14), 569(11), 575(GEN),
576(11), 581(11), 583(28), 584(GEN), 585(28).
2. THE SUMMARY OF ALL NAVAREA IV WARNINGS IN FORCE
AS OF 19 DEC 2012 IS GIVEN IN SEC III OF NM 52/12.
WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS
ARE SUMMARIZED IN NM 13/13, 26/13 AND 39/13..
3. CANCEL NAVAREA IV 564/13.

(211005Z SEP 2013)

587/13 and 588/13. CANCELED.

589/13(24).
CARIBBEAN SEA.
COLOMBIA-NORTH COAST.
1. SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE
BY M/V OSPREY EXPLORER TOWING 10500 METER
LONG CABLE IN AREA BOUND BY
11-30N 076-00W, 12-03N 075-00W,
12-03N 073-53W, 11-52N 073-53W,
11-12N 074-48W, 11-13N 076-02W.
SEVEN MILE BERTH REQUESTED.
2. CANCEL NAVAREA IV 556/13.

(231321Z SEP 2013)

590/13(11).
GULF OF MEXICO.
LOUISIANA.
TEXAS.
1. UNDERWATER OPERATIONS IN PROGRESS
UNTIL 01 OCT BY M/V MANTA IN:
A. 29-26.80N 093-42.21W.
B. 29-29.55N 093-44.06W.
C. 29-32.90N 093-47.98W.
D. 29-36.50N 093-49.71W.
E. 29-35.41N 093-41.61W.
F. 29-27-04N 093-36-52W.
2. CANCEL THIS MSG 02 OCT 13.

(231958Z SEP 2013)

591/13 and 592/13. CANCELED.

593/13(GEN).
NORTH AMERICAN ICE SERVICE (NAIS) ICEBERG BULLETIN.
1. 260001Z SEP ICEBERG LIMIT ALONG TRACKLINE JOINING
49-15N 053-30W, 50-30N 047-00W, 52-00N 048-00W,
55-00N 052-00W, 60-00N 059-30W.
2. WESTERN ICEBERG LIMIT ALONG TRACKLINE BETWEEN
51-10N 058-35W AND 50-25N 057-30W.
3. REPORT POSITION AND TIME OF ANY ICEBERGS OR
STATIONARY RADAR TARGETS THAT MAY LIKELY BE ICEBERGS TO
THE NEAREST CANADIAN COAST GUARD MARINE COMMUNICATIONS
AND TRAFFIC SERVICE STATION OR USING INMARSAT CODE 42.
4. CANCEL THIS MSG 270001Z SEP 13.

(252155Z SEP 2013)

HYDROLANTS

Messages in force 261430Z September 2013:

2008 series	2839(37)	1306(44)	1990(35)	2223(25,51)	2344(11,26)
1354(24)	2842(24)	1390(55)	2015(GEN)	2225(57)	2345(35,43)
1463(24)	2908(37)	1406(36)	2021(24)	2227(35)	2350(54)
2010 series	2977(24)	1426(24)	2044(35)	2239(51)	2351(54)
845(24)	2994(24)	1565(55)	2048(57)	2245(24)	2355(53,56)
2011 series	2013 series	1566(55)	2060(24)	2249(37)	2357(57)
483(24)	7(54)	1583(37)	2083(55)	2250(57)	2358(24)
881(56)	9(54)	1592(57)	2093(24)	2266(11,26)	2360(37)
1291(37)	10(54)	1605(57)	2094(55)	2277(57)	2361(53)
1331(37,43)	11(54)	1608(37)	2097(24)	2280(25,26)	2364(53,56)
1401(24)	202(24)	1613(36)	2098(24)	2282(51)	2365(43)
1652(35)	277(24)	1626(51)	2102(57)	2296(GEN)	2366(24)
1681(24)	281(24)	1636(37)	2122(37)	2303(GEN)	2367(24)
1879(24)	345(24)	1637(37)	2139(54,56)	2305(55)	2368(24)
1966(37)	525(24)	1649(57)	2140(37)	2308(27)	2369(53,56)
2012 series	565(35,37)	1670(43)	2158(36)	2310(51)	2370(36)
117(53)	572(37)	1680(44)	2173(54)	2317(53)	2371(52)
441(24)	618(37)	1696(37)	2183(43)	2319(53,56)	2372(23,24)
641(35,43)	620(GEN)	1735(57)	2186(37)	2326(35,37)	2373(37)
751(37)	846(51)	1767(43)	2193(11,26)	2327(12)	2374(37)
1956(24)	856(35)	1806(57)	2200(51)	2332(55)	2376(15)
2118(35)	857(35)	1867(37)	2208(24)	2334(54)	2377(53,56)
2275(24)	906(43)	1880(24)	2209(57)	2336(24)	2378(53)
2305(24)	946(24)	1910(24)	2210(51,57)	2337(35,38)	2379(53,56)
2501(37)	1151(37)	1944(43)	2219(24)	2338(GEN)	2381(24)
2565(24)	1230(37)	1981(37)	2222(37)	2339(43)	

The summary of all HYDROLANTS in force as of 19 December 2012 is given in Section III of NM 52/12. Warnings issued during the subsequent quarters are issued in NM 13/13, 26/13 and 39/13.

HYDROLANT WARNINGS issued from 191200Z to 261430Z September 2013.

2316/13. CANCELED.

2317/13(53).
EASTERN MEDITERRANEAN SEA.
SOUTHERN IONIAN SEA.
VESSEL IN NEED OF ASSISTANCE VICINITY 36-00N 016-00E.
VESSELS IN VICINITY REQUESTED TO KEEP SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO MRCC ROME,
INMARSAT-C: 424744220,
PHONE: 39 065 908 4527, 39 065 908 4409,
FAX: 390 6592 2737, 39 065 908 4793,
E-MAIL: ITMRCC@MIT.GOV.IT.

(191611Z SEP 2013)

2318/13. CANCELED.

2319/13(53,56).
EASTERN MEDITERRANEAN SEA.
VESSEL, NUMEROUS PERSONS ON BOARD, REQUESTING
ASSISTANCE IN 34-16-51N 015-54-40E AT 191643Z SEP.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP
LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO MRCC ROME,
INMARSAT-C: 424744220,
PHONE: 390 6592 4145, 3906 5908 4409,
FAX: 390 6592 2737, 3906 5908 4793,
E-MAIL: ITMRCC@MIT.GOV.IT.

(191916Z SEP 2013)

2320/13 thru 2325/13. CANCELED.

2326/13(35,37).
SOUTHERN NORTH SEA.
CHART 35002
METEOROLOGICAL MAST UNDER CONSTRUCTION BY
M/V BRAVE TERN VICINITY 54-52.0N 001-49.1E.
WIDE BERTH REQUESTED.

(200757Z SEP 2013)

2327/13(12).
WESTERN NORTH ATLANTIC.
36 FOOT VESSEL MARY KATE DISABLED AND ADRIFT IN 39-34.3N 072-17.7W
AT 200730Z SEP. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO RCC NORFOLK, PHONE: 757 398 6231,
FAX: 757 398 6392, E-MAIL: D05-SMB-D5CC@USCG.MIL.

(200812Z SEP 2013)

2328/13 thru 2331/13. CANCELED.

2332/13(55).
BLACK SEA.
UKRAINE.
GUNNERY.
1. GUNNERY EXERCISES 0430Z TO 2000Z DAILY
23 THRU 27 AND 280430Z TO 281000Z SEP
IN AREA BOUND BY
45-03.5N 036-22.4E, 44-49.5N 036-21.9E,
44-45.0N 036-11.9E, 44-45.0N 035-56.9E,
44-49.6N 035-50.4E, 45-00.0N 035-50.4E.
2. CANCEL THIS MSG 281100Z SEP 13.

(201312Z SEP 2013)

2333/13. CANCELED.

2334/13(54).
NORTHERN ADRIATIC SEA.
PIPELAYING OPERATIONS IN PROGRESS UNTIL FURTHER
NOTICE BY BARGE CRAWLER ALONG TRACKLINE BETWEEN
44-22.4N 013-16.6E AND 44-29.5N 013-34.4E.

(201324Z SEP 2013)

2335/13. CANCELED.

2336/13(24).
BRAZIL-SOUTHEAST COAST.
1. UNDERWATER OPERATIONS 0930Z TO 2030Z DAILY
23 THRU 27 SEP VICINTY OF TRACKLINE JOINING
20-20.40S 040-12.51W, 20-17.87S 040-14.52W,
20-17.88S 040-15.60W, 20-18.99S 040-16.76W,
20-17.32S 040-14.62W.
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 272130Z SEP 13.

(210441Z SEP 2013)

2337/13(35,38).
EASTERN NORTH ATLANTIC.
SCOTLAND-NORTHWEST COAST.
SEISMIC SURVEY IN PROGRESS UNTIL FURTHER
NOTICE BY M/V HARRIER EXPLORER TOWING
6.5 MILE LONG CABLE IN AREA BOUND BY
56-35N 009-03W. 56-39N 011-59W,
59-56N 010-50W, 59-52N 006-39W.
WIDE BERTH REQUESTED.

(210643Z SEP 2013)

2338/13(GEN).
1. HYDROLANT WARNINGS IN FORCE 211000Z SEP 13. ONLY THOSE
WARNINGS ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2013 SERIES: 1981(37), 1990(35), 2015(GEN), 2021(24), 2044(35),
2048(57), 2060(24), 2083(55), 2093(24), 2094(55), 2097(24),
2098(24), 2102(57), 2122(37), 2139(54,56), 2140(37), 2144(51),
2158(36), 2173(54), 2183(43), 2186(37), 2193(11,26), 2200(51),
2208(24), 2209(57), 2210(51,57), 2219(24), 2222(37),
2223(25,51), 2225(57), 2227(35), 2239(51), 2245(24), 2248(55),
2249(37), 2250(57), 2264(35,43), 2266(11,26), 2277(57),
2280(25,26), 2282(51), 2291(37), 2292(36), 2294(37),
2296(GEN), 2303(GEN), 2305(55), 2308(27), 2309(37), 2310(51),
2314(24), 2317(53), 2319(53,56), 2320(24), 2321(23), 2324(44),
2325(54), 2326(35,37), 2327(12), 2330(54), 2331(55), 2332(55),
2333(54), 2334(54), 2335(24), 2336(24), 2337(35,38).
2. THE SUMMARY OF ALL HYDROLANT WARNINGS IN FORCE AS OF
19 DEC 2012 IS GIVEN IN SEC III OF NM 52/12.
WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS
ARE SUMMARIZED IN NM 13/13, 26/13 AND 39/13.
3. CANCEL HYDROLANT 1887/13, 1896/13, 1913/13,
1926/13, 2188/13, 2215/13, 2229/13,
2237/13, 2240/13, 2241/13, 2242/13,
2246/13, 2256/13, 2259/13, 2265/13,
2268/13, 2270/13, 2271/13, 2272/13,
2283/13, 2284/13, 2287/13.

(211008Z SEP 2013)

2339/13(43).
NORTH SEA.
SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE
BY M/V RAMFORM CHALLENGER TOWING TEN
9000 METER LONG CABLES IN AREA BOUND BY
56-47N 002-09E, 57-03N 002-00E,
57-21N 003-03E, 57-05N 003-11E.
WIDE BERTH REQUESTED.

(211506Z SEP 2013)

2340/13 thru 2343/13. CANCELED.

2344/13(11,26).
WESTERN NORTH ATLANTIC.
DISTRESS SIGNAL RECEIVED FROM M/V ENDLESS SUMMER
VICINITY 31-38.2N 080-06.0W AT 220011Z SEP.
VESSELS IN VICINITY REQUESTED TO KEEP
A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO RCC MIAMI, PHONE: 305 415 6800,
E-MAIL: RCCMIAMI@USCG.MIL.

(220649Z SEP 2013)

2345/13(35,43).
NORTH SEA.
1. SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE BY
M/V RAMFORM VALIANT TOWING 12 FIVE MILE LONG
CABLES IN AREA BOUND BY
58-41N 000-36W, 58-50N 000-14W,
58-34N 000-33E, 58-24N 000-12E.
WIDE BERTH REQUESTED.
2. CANCEL HYDROLANT 2264/13.

(230419Z SEP 2013)

2346/13 thru 2349/13. CANCELED.

2350/13(54).
AEGEAN SEA.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 0500Z TO 1200Z DAILY
24 THRU 26 SEP, 30 SEP THRU 03 OCT,
07 THRU 10, 14 THRU 17 AND 21 THRU 24 OCT,
0600Z TO 1300Z DAILY 29 THRU 31 OCT
IN AREA BOUND BY
36-56N 023-29E, 36-42N 023-32E,
36-41N 023-48E, 36-47N 023-55E.
2. CANCEL THIS MSG 311400Z OCT 13.

(231149Z SEP 2013)

2351/13(54).
AEGEAN SEA.
MISSILES.
1. HAZARDOUS OPERATIONS 0400Z TO 1615Z DAILY
23 THRU 27 SEP IN AREA BOUND BY
35-36N 024-07E, 36-18N 024-07E,
36-18N 025-59E, 35-35N 025-58E,
35-31N 024-11E.
2. CANCEL THIS MSG 271715Z SEP 13.

(231157Z SEP 2013)

2352/13 thru 2354/13. CANCELED.

2355/13(53,56).
EASTERN MEDITERRANEAN SEA.
VESSEL, 120 PERSONS ON BOARD, REQUESTING ASSISTANCE
IN 33-47N 013-30E. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO MRCC ROME, INMARSAT-C: 424744220,
PHONE: 39 065 908 4527, 39 065 908 4409,
FAX: 390 6592 2737, 3906 5908 4793,
E-MAIL: ITMRCC@MIT.GOV.IT OR PALERMO RADIO.

(231439Z SEP 2013)

2356/13. CANCELED.

2357/13(57).
SOUTH ATLANTIC.
ICE.
1. ICEBERG B15B, IN 53-59S 013-23W.
2. CANCEL THIS MSG 261700Z SEP 13.

(231704Z SEP 2013)

2358/13(24).
BRAZIL-SOUTH COAST.
CHART 24140
1. RADIOBEACON AND DGPS STATION AT ILHA DA MOELA LIGHT
24-03.1S 046-15.9W OFF AIR UNTIL 210259Z MAR 14.
2. CANCEL THIS MSG 210359Z MAR 14.

(240049Z SEP 2013)

2359/13. CANCELED.

2360/13(37).
SOUTHERN NORTH SEA.
CHART 37057
ALL NAVIGATIONAL AIDS ATPLATFORM 49/22
53-14.8N 002-17.7E INOPERATIVE.

(240124Z SEP 2013)

2361/13(53).
EASTERN MEDITERRANEAN SEA.
VESSEL, 75 PERSONS ON BOARD, REQUESTING ASSISTANCE
IN 34-19N 012-17E. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO MRCC ROME, INMARSAT-C: 424744220,
PHONE: 3906 5908 4527, 39 065 908 4409,
FAX: 390 6592 2737, 39 065 908 4793,
E-MAIL: ITMRCC@MIT.GOV.IT OR PALERMO RADIO.

(240423Z SEP 2013)

2362/13 and 2363/13. CANCELED.

2364/13(53,56).
EASTERN MEDITERRANEAN SEA.
VESSEL, 130 PERSONS ON BOARD, REQUESTING ASSISTANCE
IN 34-13N 013-40E AT 1410Z SEP. VESSELS IN VICINITY
REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO MRCC ROME, INMARSAT-C: 424744220,
PHONE: 3906 5908 4527, 39 065 908 4409,
FAX: 390 6592 2737, 39 065 908 4793,
E-MAIL: ITMRCC@MIT.GOV.IT.

(241548Z SEP 2013)

2365/13(43).
SOUTHERN NORTH SEA.
1. SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE
BY M/V FUGRO SEARCHER IN AREA BETWEEN
57-20.3N 57-24.6N AND 000-40.1E 000-47.8E.
WIDE BERTH REQUESTED.
2. CANCEL HYDROLANT 2309/13(37).

(242039Z SEP 2013)

2366/13(24).
BRAZIL-NORTH COAST.
CHART 24250
JERICOACOARA LIGHT 02-47.3S 040-30.0W DESTROYED.

(242341Z SEP 2013)

2367/13(24).
BRAZIL-SOUTH COAST.
1. SEISMIC SURVEY IN PROGRESS UNTIL 280259Z SEP BY
M/V NPS WESTERN NEPTUNE TOWING 12
FIVE MILE LONG CABLES IN AREA BOUND BY
24-26S 042-52W, 25-08S 041-38W,
25-42S 042-00W, 24-59S 043-14W.
SEVEN MILE BERTH REQUESTED.
2. CANCEL THIS MSG 280359Z SEP 13.

(242354Z SEP 2013)

2368/13(24).
BRAZIL-NORTHEAST COAST.
GUNNERY.
1. GUNNERY EXERCISES 270900Z TO 271500Z SEP
WITHIN TEN MILES OF 05-21.5S 034-58.5W.
2. CANCEL THIS MSG 271600Z SEP 13.

(250005Z SEP 2013)

2369/13(53,56).
EASTERN MEDITERRANEAN SEA.
VESSEL, 130 PERSONS ON BOARD, REQUESTING ASSISTANCE
IN 33-53N 014-14E. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO MRCC ROME, INMARSAT-C: 424744220,
PHONE: 39 065 908 4527, 39 065 908 4409,
FAX: 390 6592 2737, 3906 5908 4793,
E-MAIL: ITMRCC@MIT.GOV.IT.

(250306Z SEP 2013)

2370/13(36).
BRISTOL CHANNEL.
UNDERWATER OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE
BY CABLESHIP ILE DE AIX VICINITY 51-14.8N 003-27.7W.
WIDE BERTH REQUESTED.

(250455Z SEP 2013)

2371/13(52).
STRAIT OF SICILY.
TUNISIA-NORTHEAST COAST.
1. PIPELINE OPERATIONS IN PROGRESS UNTIL 28 OCT
BY M/V BIG ONE IN AREA BOUND BY
37-01.1N 011-03.6E, 37-01.2N 011-04.1E,
37-01.0N 011-04.1E, 37-01.0N 011-03.6E.
1000 METER BERTH REQUESTED.
2. CANCEL HYDROLANT 2363/13.
3. CANCEL THIS MSG 29 OCT 13.

(251359Z SEP 2013)

2372/13(23,24).
WESTERN SOUTH ATLANTIC.
URUGUAY.
1. SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE
BY M/V WESTERN REGENT TOWING TEN
8800 METER LONG CABLES IN AREA BOUND BY
35-13.00S 052-02.00W, 36-16.30S 053-07.75W,
38-21.50S 051-00.75W, 37-18.25S 049-54.75W.
EIGHT MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 2356/13.

(251636Z SEP 2013)

2373/13(37).
ENGLAND-SOUTH COAST.
CHART 37017
1. DANGEROUS WRECK WITHIN 250 METERS OF 50-40.26N 001-41.43W.
2. CANCEL HYDROLANT 2294/13.

(251837Z SEP 2013)

2374/13(37).
ENGLAND-SOUTH COAST.
CHART 37017
HURST POINT LIGHT 50-42.4N 001-33.1W UNRELIABLE.

(251857Z SEP 2013)

2375/13. CANCELED.

2376/13(15).
CANADA-NORTH COAST.
HUDSON BAY.
1. DISTRESS SIGNAL RECEIVED FROM AIRCRAFT
IN 57-52N 088-55W, ONE PERSON ON BOARD.
VESSELS IN VICINITY REQUESTED TO KEEP
A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO JRCC TRENTON,
TELEX: 210662282,
PHONE: 613 965 3870,
FAX: 613 965 7190.
2. CANCEL HYDROLANT 2375/13.

(252137Z SEP 2013)

2377/13(53,56).
EASTERN MEDITERRANEAN SEA.
DISTRESS SIGNAL RECEIVED IN 34-02.81N 014-07.80E.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO MRCC ROME,
INMARSAT: 424744220,
PHONE: 3906 5908 4527, 3906 5908 4409,
FAX: 390 6592 2737, 3906 5908 4793,
E-MAIL: ITMRCC@MIT.GOV.IT.

(252302Z SEP 2013)

2378/13(53).
EASTERN MEDITERRANEAN SEA.
DISTRESS SIGNAL RECEIVED IN 34-22.91N 013-27.98E
AT 252130Z SEP. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO MRCC ROME,
INMARSAT: 424744220,
PHONE: 3906 5908 4527, 3906 5908 4409,
FAX: 390 6592 2737, 3906 5908 4793,
E-MAIL: ITMRCC@MIT.GOV.IT.

(252315Z SEP 2013)

2379/13(53,56).
EASTERN MEDITERRANEAN SEA.
DISTRESS SIGNAL RECEIVED IN 34-00.82N 013-35.91E
AT 251811Z SEP. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO MRCC ROME,
INMARSAT: 424744220,
PHONE: 3906 5908 4527, 3906 5908 4409,
FAX: 390 6592 2737, 3906 5908 4793,
E-MAIL: ITMRCC@MIT.GOV.IT.

(252327Z SEP 2013)

2380/13. CANCELED.

2381/13(24).
NORTH ATLANTIC.
1. S/V MITHRANDIR, 29 PERSONS ON BOARD, DISABLED AND ADRIFT
DUE TO ENGINE FAILURE VICINITY 09-48N 030-17W. VESSELS
IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST
IF POSSIBLE. REPORTS TO MRCC BREMEN, TELEX: 41246466,
PHONE: 494 2153 6870.
2. CANCEL HYDROLANT 2380/13.

(260709Z SEP 2013)

NAVAREA XII

Messages in force 261430Z September 2013:

2012 series	2013 series	153(21)	216(18)	240(GEN)	244(19)
110(97)	95(GEN)	154(GEN)	235(GEN)	241(18,19,81)	245(18,21)
334(21)	119(21)	181(21)	239(21)	243(18,21)	

The summary of all NAVAREA XII messages in force as of 19 December 2012 is given in Section III of NM 52/12. Warnings issued during the subsequent quarters are issued in NM 13/13, 26/13 and 39/13.

NAVAREA XII WARNINGS issued from 191200Z to 261430Z September 2013.

236/13 thru 238/13. CANCELED.

239/13(21).
MEXICO.
GOLFO DE CALIFORNIA.
CHART 21008
ODAS BUOY 31-18.23N 113-47.51W UNLIT.

(202231Z SEP 2013)

240/13(GEN).
1. NAVAREA XII WARNINGS IN FORCE AS OF 211000Z SEP 13.
2012 SERIES: 110(97), 334(21).
2013 SERIES: 95(GEN), 119(21), 153(21), 154(GEN), 181(21), 216(18), 234(18,19,81), 235(GEN), 239(21).
2. THE SUMMARY OF ALL NAVAREA XII WARNINGS IN FORCE AS OF 19 DEC 2012 IS GIVEN IN SEC III OF NM 52/12. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/13, 26/13 AND 39/13.
3. CANCEL NAVAREA XII 231/13.

(211012Z SEP 2013)

241/13(18,19,81).
EASTERN NORTH PACIFIC.
MISSILES.
1. HAZARDOUS OPERATIONS 0931Z TO 1731Z DAILY 26 THRU 30 SEP IN AREAS BOUND BY:
A. 34-54N 121-14W, 34-54N 120-36W, 34-48N 120-36W, 34-48N 121-14W.
B. 34-38N 126-29W, 35-02N 122-08W, 34-30N 122-05W, 34-06N 126-24W.
C. 33-04N 136-57W, 33-15N 135-57W, 32-48N 135-50W, 32-37N 136-50W.
D. 15-08N 174-40E, 16-13N 177-02E, 15-08N 177-34E, 14-02N 175-13E.
2. CANCEL THIS MSG 301831Z SEP 13.

(220707Z SEP 2013)

242/13. CANCELED.

243/13(18,21).
EASTERN NORTH PACIFIC.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 291600Z TO 292000Z AND 301700Z TO 302000Z SEP IN AREA BOUND BY
32-12N 119-42W, 31-42N 120-15W,
31-20N 121-16W, 27-08N 121-13W,
28-49N 119-10W, 30-12N 119-14W.
2. CANCEL THIS MSG 302100Z SEP 13.

(240944Z SEP 2013)

244/13(19).
NORTH PACIFIC.
HAWAII.
1. DERELICT VESSEL, WHITE HULL, PARTIALLY SUBMERGED AND ADRIFT IN 19-34.2N 156-52.3W.
REPORTS TO U.S. COAST GUARD SECTOR HONOLULU.
2. CANCEL THIS MSG 272310Z SEP 13.

(242310Z SEP 2013)

245/13(18,21).
EASTERN NORTH PACIFIC.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 1530Z TO 2000Z DAILY 29 SEP THRU 03 OCT IN AREA BOUND BY
26-28N 119-05W, 26-22N 121-04W,
30-07N 121-19W, 30-12N 119-16W.
2. CANCEL THIS MSG 032100Z OCT 13.

(250814Z SEP 2013)

HYDROPACS

Messages in force 261430Z September 2013:

2011 series	797(63)	2255(63)	2668(62)	2849(62)	2913(62)
1561(56)	899(75)	2262(81)	2675(92)	2853(83)	2917(63)
1701(63)	1076(63)	2326(91,94)	2683(62)	2854(93)	2919(63)
2286(71)	1178(63)	2354(96)	2684(74)	2855(93)	2923(22)
2812(71)	1211(22)	2376(71,93)	2702(71)	2859(22)	2926(93)
2877(96)	1247(93)	2435(93)	2726(22)	2877(GEN)	2927(61)
3552(96)	1356(74)	2473(93,94)	2730(93)	2881(94)	2929(93)
2012 series	1394(62)	2474(93)	2731(22)	2882(94)	2930(63)
408(94)	1456(61)	2493(93)	2738(62)	2883(81,82,83)	2931(63)
1079(97)	1579(74)	2525(93)	2739(63)	2884(63)	2932(63)
1222(97)	1620(96)	2531(94)	2769(74)	2886(93)	2933(74)
1377(94,95)	1791(74)	2552(97)	2772(63)	2889(22)	2934(94)
1555(96)	1837(93)	2564(63)	2803(93)	2891(81)	2935(81,97)
1734(GEN)	2019(62)	2565(63)	2819(82)	2892(63)	2937(91)
1824(76)	2045(93)	2575(93)	2830(63)	2897(63)	2939(74)
1847(63)	2053(91,93,94)	2581(71,93)	2832(GEN)	2902(63)	2940(81)
2533(62)	2107(62)	2583(94)	2835(22)	2903(63)	
2920(22)	2180(96)	2584(94)	2842(81)	2904(93)	
3511(62)	2219(96)	2585(94)	2845(95)	2906(76)	
2013 series	2222(63)	2632(71)	2846(95)	2909(63)	
18(63)	2249(71)	2655(61)	2847(95)	2910(74)	

The summary of all HYDROPACS in force as of 19 December 2012 is given in Section III of NM 52/12. Warnings issued during the subsequent quarters are issued in NM 13/13, 26/13 and 39/13.

HYDROPAC WARNINGS issued from 191200Z to 261430Z September 2013.

2859/13(22).
EASTERN SOUTH PACIFIC.
PERU.
1. HYDROGRAPHIC SURVEY IN PROGRESS UNTIL 04 OCT
IN AREA BETWEEN
08-55.2S 09-03.6S AND 078-36.8W 078-43.2W
2. CANCEL THIS MSG 05 OCT 13.

(200047Z SEP 2013)

2860/13 thru 2876/13. CANCELED.

2877/13(GEN).
1. HYDROPAC WARNINGS IN FORCE 211000Z SEP 13. ONLY THOSE
WARNINGS ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2013 SERIES: 2435(93), 2473(93,94), 2474(93), 2493(93),
2525(93), 2529(96), 2531(94), 2552(97), 2560(63), 2564(63),
2565(63), 2575(93), 2581(71,93), 2583(94), 2584(94),
2585(94), 2632(71), 2633(62), 2655(61), 2668(62), 2675(92),
2683(62), 2684(74), 2702(71), 2726(22), 2730(93), 2731(22),
2738(62), 2739(63), 2769(74), 2771(63), 2772(63), 2787(97),
2795(93), 2803(93), 2813(81), 2819(82), 2826(81), 2830(63),
2832(GEN), 2835(22), 2842(81), 2845(95), 2846(95), 2847(95),
2848(94), 2849(62), 2853(83), 2854(93), 2855(93), 2859(22),
2860(82), 2861(22), 2863(94), 2865(63), 2866(63), 2867(63),
2870(61), 2872(63), 2874(62), 2876(74).
2. THE SUMMARY OF ALL HYDROPAC WARNINGS IN FORCE AS OF
19 DEC 2012 IS GIVEN IN SEC III OF NM 52/12.
WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS
ARE SUMMARIZED IN NM 13/13, 26/13 AND 39/13.
3. CANCEL HYDROPAC 2750/13, 2758/13, 2786/13,
2800/13, 2802/13, 2806/13.

(211018Z SEP 2013)

2878/13 thru 2880/13. CANCELED.

2881/13(94).
PHILIPPINE SEA.
TAIWAN-EAST COAST.
GUNNERY.
1. GUNNERY EXERCISES 0100Z TO 0400Z DAILY 26 AND 27 SEP:
A. IN AREA BOUND BY
24-51-00N 122-21-00E, 24-50-00N 122-55-00E,
24-42-00N 122-55-00E, 24-36-00N 122-39-00E,
24-20-00N 122-39-00E, 24-15-00N 122-43-00E,
24-09-00N 122-49-00E, 24-09-00N 122-55-00E,

23-32-00N 122-55-00E, 22-45-00N 121-42-00E,
23-36-00N 121-59-00E, 24-08-00N 122-10-00E,
24-16-00N 122-10-00E, 24-31-00N 122-03-00E.
B. WITHIN 30 MILES OF 23-44-50N 122-28-00E.
2. CANCEL THIS MSG 270500Z SEP 13.

(211232Z SEP 2013)

2882/13(94).
PHILIPPINE SEA.
TAIWAN-EAST COAST.
GUNNERY.
1. GUNNERY EXERCISES 1300Z TO 1600Z DAILY
26 AND 27 SEP IN AREA BOUND BY
24-42N 122-20E, 24-42N 122-38E,
23-52N 122-50E, 22-30N 122-50E,
22-06N 122-30E, 22-06N 120-52E,
22-25N 120-56E, 22-36N 121-38E.
2. CANCEL THIS MSG 271700Z SEP 13.

(211241Z SEP 2013)

2883/13(81,82,83).
NORTH PACIFIC.
SOUTH PACIFIC.
1. UNDERWATER OPERATIONS 26 SEP BY
M/V YOKOSUKA WITH SUBMERSIBLE
IN AREA BETWEEN
03-00N 03-00S AND 160-00E 165-00E.
2. CANCEL THIS MSG 27 SEP 13.

(211250Z SEP 2013)

2884/13(63).
INDIA-EAST COAST.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 2330Z TO 1800Z COMMENCING DAILY
23 THRU 27 SEP:
A. IN AREA BOUND BY
19-14.60N 084-53.70E, 19-37.75N 085-28.92E,
18-46.05N 085-22.87E.
B. WITHIN 41 MILES OF TRACKLINE BETWEEN
19-37.75N 085-28.92E AND 18-46.05N 085-22.87E.
2. CANCEL THIS MSG 281900Z SEP 13.

(211259Z SEP 2013)

2885/13. CANCELED.

2886/13(93).
SOUTH CHINA SEA.
DISTRESS SIGNAL RECEIVED ON 406 MHZ FROM M/V VIJETA
IN 10-45.1N 114-07.9E AT 211915Z SEP. VESSELS
IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO SINGAPORE PORT
OPERATIONS CONTROL CENTER, PHONE: 656 226 5539,
FAX: 656 227 9971, E-MAIL: POCC@MPA.GOV.SG.

(212029Z SEP 2013)

2887/13 and 2888/13. CANCELED.

2889/13(22).
EASTERN SOUTH PACIFIC.
CHILE.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 271200Z TO 271600Z SEP
IN AREA BETWEEN
19-50S 20-05S AND 070-30W 070-19W.
2. CANCEL THIS MSG 271700Z SEP 13.

(220003Z SEP 2013)

2890/13. CANCELED.

2891/13(81).
NORTH PACIFIC.
MARSHALL ISLANDS.
MISSILES.
1. HAZARDOUS OPERATIONS 260901Z TO 261701Z SEP,
ALTERNATE 270901Z TO 271701Z SEP:
A. IN AREA BOUND BY
08-44N 167-23E, 09-09N 167-08E,
09-23N 167-33E, 09-25N 167-32E,
09-46N 167-07E, 09-40N 168-11E,
10-05N 168-54E, 09-25N 169-18E,

09-00N 168-35E, 08-53N 168-12E,
09-09N 168-03E.
B. WITHIN 18 MILES OF 11-48N 171-38E.
C. WITHIN 18 MILES OF 12-59N 170-18E.
D. WITHIN 18 MILES OF 13-39N 171-15E.
E. WITHIN 18 MILES OF 13-11N 172-33E.
F. WITHIN 18 MILES OF 11-57N 172-46E.
G. WITHIN 18 MILES OF 11-14N 171-47E.
2. CANCEL THIS MSG 271801Z SEP 13.

(220724Z SEP 2013)

2892/13(63).
INDIA-EAST COAST.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 270530Z TO 270730Z SEP
WITHIN 11 MILES OF 13-07.02N 080-18.01E
BETWEEN 045 DEGREES AND 075 DEGREES.
2. CANCEL HYDROPAC 2887/13(73,74).
3. CANCEL THIS MSG 270830Z SEP 13.

(220811Z SEP 2013)

2893/13 thru 2896/13. CANCELED.

2897/13(63).
INDIA-EAST COAST.
BAY OF BENGAL.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 280330Z TO 280730Z SEP
IN AREA BOUND BY
16-30.0N 083-30.0E, 16-00.0N 084-15.0E,
15-20.0N 084-05.5E, 15-45.0N 083-30.0E.
2. CANCEL THIS MSG 280830Z SEP 13.

(230936Z SEP 2013)

2898/13 thru 2901/13. CANCELED.

2902/13(63).
ARABIAN SEA.
PAKISTAN.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 0400Z TO 0900Z DAILY
27 AND 28 SEP IN AREA BETWEEN
25-12N 25-00N AND 064-30E 064-43E.
2. CANCEL THIS MSG 281000Z SEP 13.

(231107Z SEP 2013)

2903/13(63).
INDIA-EAST COAST.
BAY OF BENGAL.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 0230Z TO 1130Z DAILY
01 THRU 07 AND 15 THRU 21 OCT WITHIN
15 MILES OF 13-50N 081-40E.
2. CANCEL THIS MSG 211230Z OCT 13.

(231121Z SEP 2013)

2904/13(93).
SOUTH CHINA SEA.
VIETNAM.
1. THREE PERSONS MISSING FROM AGROUND F/V BV 5002TS.
LAST KNOWN POSITION 09-51N 108-07E AT 221800Z SEP.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO MRCC VIETNAM,
PHONE: 844 3768 3050, FAX: 844 3768 3048,
E-MAIL: VMRCC@FPT.VN.
2. CANCEL HYDROPAC 2896/13.

(231404Z SEP 2013)

2905/13. CANCELED.

2906/13(76).
NEW ZEALAND-NORTHEAST COAST.
BAY OF PLENTY.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 301930Z TO 302300Z SEP
IN AREA BETWEEN
35-50S 36-20S AND 175-50E 176-25E.
2. CANCEL HYDROPAC 2905/13.
3. CANCEL THIS MSG 010001Z OCT 13.

(240016Z SEP 2013)

2907/13 and 2908/13. CANCELED.

2909/13(63).
SOUTHERN ARABIAN SEA.
MAN OVERBOARD FROM M/V NYK OCEANUS BETWEEN
11-31.8N 063-26.3E AT 221600Z SEP AND
12-40.2N 059-24.5E AT 230400Z SEP. VESSELS
IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO MRCC MUMBAI,
INMARSAT-C: 441907210, PHONE: 9122 2438 8065,
FAX: 9122 2431 6558, E-MAIL: INDSAR@VSNL.NET,
ICGMRCC-MUMBAI@MTNL.NET.IN.

(240652Z SEP 2013)

2910/13(74).
AUSTRALIA-NORTHEAST COAST.
TORRES STRAIT.
CHART 74295
SCIENTIFIC MOORING, LEAST DEPTH 13.5 METERS,
ESTABLISHED IN 10-30.44S 142-13.11E.

(240714Z SEP 2013)

2911/13 and 2912/13. CANCELED.

2913/13(62).
GULF OF SUEZ.
1. UNDERWATER OPERATIONS IN PROGRESS UNTIL 30 OCT
BY BARGE AHMED IN AREA BOUND BY
28-53.01N 033-02.00E, 28-52.35N 033-02.06E,
28-52.21N 033-02.08E, 28-51.45N 033-02.63E,
28-50.63N 033-03.01E, 28-51.10N 033-03.05E,
28-51.13N 033-03.08E, 28-52.13N 033-02.61E.
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 31 OCT 13.

(240928Z SEP 2013)

2914/13 thru 2916/13. CANCELED.

2917/13(63).
ARABIAN SEA.
INDIA-WEST COAST.
1. DERELICT 4.3 METER VESSEL, ORANGE HULL,
ADRIFT VICINITY 14-59.30N 072-23.42E
AT 241230Z SEP.
2. CANCEL THIS MSG 271230Z SEP 13.

(241314Z SEP 2013)

2918/13. CANCELED.

2919/13(63).
INDIA-WEST COAST.
1. VESSEL, BROWN HULL, CAPSIZED AND ADRIFT
VICINITY 19-01.70N 072-41.16E AT 240800Z SEP
2. CANCEL THIS MSG 271530Z SEP 13.

(241539Z SEP 2013)

2920/13 thru 2922/13. CANCELED.

2923/13(22).
EASTERN SOUTH PACIFIC.
CHILE.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 251100Z TO 251600Z,
0001Z TO 0500Z DAILY 26 AND 27 AND
301900Z TO 302000Z SEP IN AREA BOUND BY
30-11.0S 071-55.0W, 30-11.0S 071-37.5W,
30-20.0S 071-37.5W, 30-20.0S 071-42.0W,
30-27.0S 071-42.0W, 30-27.0S 071-55.0W.
2. CANCEL HYDROPAC 2861/13.
3. CANCEL THIS MSG 302100Z SEP 13.

(250111Z SEP 2013)

2924/13 and 2925/23. CANCELED.

2926/13(93).
SOUTH CHINA SEA.
MALAYSIA.
PIRACY.
1. TUG REPORTS ACT OF PIRACY VICINITY 04-52N 104-05E
AT 231415Z SEP. CAUTION ADVISED.
2. CANCEL THIS MSG 09 OCT 13.

(250751Z SEP 2013)

2927/13(61).
SOUTHWESTERN INDIAN OCEAN.
1. MAN OVERBOARD VICINITY 27-01.2S 050-43.2E
AT 241600Z SEP. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO MRCC REUNION, INMARSAT-C: 422799193,
TELEX: 916140, PHONE: 2622 6243 4343,
FAX: 2622 6271 1595, E-MAIL: REUNION@MRCCFR.EU.
2. CANCEL HYDROPAC 2924/13.

(250755Z SEP 2013)

2928/13. CANCELED.

2929/13(93).
SOUTH CHINA SEA.
GULF OF TONKIN.
1. SEISMIC SURVEY IN PROGRESS UNTIL 15 OCT BY
VESSEL TOWING SIX 6000 METER LONG CABLES
IN AREA BETWEEN
18-08N 19-10N AND 107-59E 108-12E.
2. CANCEL THIS MSG 16 OCT 13.

(250925Z SEP 2013)

2930/13(63).
ARABIAN SEA.
PAKISTAN.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 0400Z TO 1700Z DAILY
01 THRU 04, 07 THRU 11, 14 THRU 18, 21 THRU 25
AND 28 THRU 31 OCT IN AREAS BOUND BY:
A. 24-19.00N 066-58.00E, 24-00.00N 066-39.00E,
24-11.00N 066-27.00E, 24-24.30N 066-42.00E.
B. 24-16.18N 066-20.50E, 24-22.00N 066-27.00E,
24-16.30N 066-33.00E, 24-10.30N 066-27.00E.
2. CANCEL THIS MSG 311800Z OCT 13.

(251113Z SEP 2013)

2931/13(63).
ARABIAN SEA.
PAKISTAN.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 0200Z TO 1700Z DAILY
30 SEP AND 01 OCT WITHIN SIX MILES OF
25-11N 066-45E BETWEEN 220 DEGREES AND 310 DEGREES.
2. CANCEL THIS MSG 011800Z OCT 13.

(251125Z SEP 2013)

2932/13(63).
INDIA-EAST COAST.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 0830Z TO 1130Z DAILY
30 SEP AND 01 OCT WITHIN 15 MILES OF 17-42N 083-18E
BETWEEN 070 DEGREES AND 130 DEGREES.
2. CANCEL THIS MSG 011230Z OCT 13.

(251139Z SEP 2013)

2933/13(74).
AUSTRALIA-NORTHWEST COAST.
CHART 74515
NORTH WEST ISLAND LIGHT 20-21.6S 115-31.5E UNLIT.

(251208Z SEP 2013)

2934/13(94).
YELLOW SEA.
1. SALVAGE OPERATIONS IN PROGRESS UNTIL 25 DEC
WITHIN 1.5 MILES OF 37-38-27.0N 123-07-32.4E.
2. CANCEL HYDROPAC 2863/13.
3. CANCEL THIS MSG 26 DEC 13.

(251224Z SEP 2013)

2935/13(81,97).
WESTERN NORTH PACIFIC.
ROCKETS.
1. HAZARDOUS OPERATIONS 2130Z TO 2300Z DAILY
29 SEP THRU 02 OCT WITHIN 216 MILES OF
24-23N 161-46E.
2. CANCEL THIS MSG 030001Z OCT 13.

(251503Z SEP 2013)

2936/13. CANCELED.

2937/13(91).
SOUTH CHINA SEA.
PHILIPPINES.
GUNNERY.
1. GUNNERY EXERCISES IN PROGRESS UNTIL 260900Z SEP
IN AREA BETWEEN
14-11N 14-20N AND 120-03E 120-10E.
2. CANCEL THIS MSG 291000Z SEP 13.

(260244Z SEP 2013)

2938/13. CANCELED.

2939/13(74).
EASTERN INDIAN OCEAN.
INDONESIA.
VESSEL, WHITE AND BLUE HULL, 30 PERSONS ON BOARD,
DISABLED AND ADRIFT IN 10-52.5S 122-43.5E AT
260737Z SEP. VESSELS IN VICINITY REQUESTED TO
KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS
TO RCC AUSTRALIA, PHONE: 612 6230 6811,
FAX: 612 6230 6868, E-MAIL: RCCAUS@AMSA.GOV.AU.

(260950Z SEP 2013)

2940/13(81).
WESTERN NORTH PACIFIC.
MARIANA ISLANDS.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 261845Z TO 271100Z SEP
WITHIN TEN MILES OF 16-01N 146-04E.
2. CANCEL THIS MSG 271200Z SEP 13.

(260954Z SEP 2013)

HYDROARCS

Messages in force 261430Z September 2013:

2010 series	131(16)	220(GEN)	81(43)	134(GEN)	184(42)
56(15)	138(16)	221(15)	96(16,96)	151(15)	186(15)
71(15)	148(16)	227(16,41,96)	97(42)	155(41)	187(15)
102(15)	160(15,16)	256(16,96)	105(42)	157(41)	188(42)
103(16,41)	193(15)	260(42)	112(42)	166(43)	189(42)
2011 series	197(15)	2013 series	118(15)	171(GEN)	190(41)
160(42)	198(15)	22(43)	127(41)	172(41)	191(15)
2012 series	206(16)	45(15)	132(15)	179(43)	
112(15)	212(16)	58(42,43)	133(15)	183(GEN)	

The summary of all HYDROARCS messages in force as of 19 December 2012 is given in Section III of NM 52/12. Warnings issued during the subsequent quarters are issued in NM 13/13, 26/13 and 39/13.

HYDROARCS WARNINGS issued from 191200Z to 261430Z September 2013.

177/13 and 178/13. CANCELED.

179/13(43).
NORWEGIAN SEA.
MISSILES.
1. HAZARDOUS OPERATIONS 0200Z TO 1800Z DAILY
24 THRU 26 SEP IN AREA BETWEEN
71-48.0N 72-13.0N AND 002-43.3E 003-00.0E.
2. CANCEL THIS MSG 261900Z SEP 13.

(211908Z SEP 2013)

180/13 thru 182/13. CANCELED.

183/13(GEN).
1. HYDROARC WARNINGS IN FORCE AS OF 220900Z SEP 13.
2010 SERIES: 56(15), 71(15), 102(15), 103(16,41).
2011 SERIES: 160(42).
2012 SERIES: 112(15), 131(16), 138(16), 148(16), 160(15,16), 193(15), 197(15), 198(15), 206(16), 212(16), 220(GEN), 221(15), 227(16,41,96), 256(16,96), 260(42).
2013 SERIES: 22(43), 45(15), 58(42,43), 81(43), 96(16,96), 97(42), 105(42), 112(42), 118(15), 127(41), 132(15), 133(15), 134(GEN), 151(15), 155(41), 157(41), 166(43), 171(GEN), 172(41), 178(41), 179(43), 182(42).
2. THE SUMMARY OF ALL HYDROARC WARNINGS IN FORCE AS OF 19 DEC 2012 IS GIVEN IN SEC III OF NM 52/12.
WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/13, 26/13 AND 39/13.
3. CANCEL HYDROARC 141/13, 181/13.

(220900Z SEP 2013)

184/13(42).
ARCTIC.
BARENTS SEA.
MISSILES.
1. HAZARDOUS OPERATIONS 0200Z TO 1800Z DAILY
25 THRU 28 SEP IN AREA BOUND BY
70-20.0N 032-03.6E, 71-12.5N 036-00.0E,
72-15.0N 046-00.0E, 70-50.0N 047-00.0E,
70-10.0N 040-00.0E, 68-40.0N 040-00.0E,
68-57.9N 036-44.3E, 69-15.0N 035-09.5E,
69-20.0N 034-24.5E, 69-20.0N 033-58.0E,
69-25.9N 033-26.3E, 69-27.1N 033-04.6E,
69-35.1N 032-52.2E, 69-56.6N 032-03.6E.
2. CANCEL THIS MSG 281900Z SEP 13.

(230558Z SEP 2013)

185/13. CANCELED.

186/13(15).
ARCTIC.
CANADA-NORTHEAST COAST.
FOXE BASIN.
IGLOOLIK ISLAND.
CHART 15570
SCIENTIFIC MOORING, AT DEPTH 34 METERS,
ESTABLISHED IN 69-20.78N 081-43.76W.

(232320Z SEP 2013)

187/13(15).
ARCTIC.
CANADA-NORTHEAST COAST.
FOXE BASIN.
CHART 15568
SCIENTIFIC MOORING, AT DEPTH 35 METERS,
ESTABLISHED IN 68-44.08N 081-01.56W.

(232327Z SEP 2013)

188/13(42).
ARCTIC.
BARENTS SEA.
MISSILES. GUNNERY.
1. HAZARDOUS OPERATIONS 0400Z TO 1600Z DAILY
29 AND 30 SEP IN AREAS:
A. BOUND BY
69-42.6N 033-05.5E, 69-43.2N 033-20.0E,
69-32.0N 033-20.0E, 69-32.0N 032-56.0E,
69-34.0N 032-51.0E.
B. BETWEEN
69-34.5N 69-58.0N AND 033-38.0E 034-47.0E.
2. CANCEL THIS MSG 301700Z SEP 13.

(241740Z SEP 2013)

189/13(42).
ARCTIC.
KARA SEA.
1. SEISMIC SURVEY IN PROGRESS UNTIL 30 NOV
BY M/V AKADEMIK NEMCHINOV TOWING 8300 METER
LONG CABLE IN AREA BOUND BY
70-53N 057-53E, 71-52N 059-31E,
71-52N 059-57E, 71-30N 060-41E,
71-40N 061-45E, 70-35N 063-26E,
70-21N 063-21E, 70-21N 063-47E,
70-14N 063-57E, 69-52N 063-13E,
69-55N 060-42E.
SEVEN MILE BERTH REQUESTED.
2. CANCEL THIS MSG 01 DEC 13.

(251317Z SEP 2013)

190/13(41).
ARCTIC.
EAST SIBERIAN SEA.
SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE
BY M/V ZEFIR 1 TOWING 10000 METER LONG CABLE
ALONG TRACKLINE BETWEEN
70-46.6N 172-51.7E AND 76-24.1N 179-53.8E.
SEVEN MILE BERTH REQUESTED.

(251923Z SEP 2013)

191/13(15).
CANADA-NORTH COAST.
HUDSON BAY.
DISTRESS SIGNAL RECEIVED FROM AIRCRAFT
IN 57-07N 088-35W, ONE PERSON ON BOARD.
VESSELS IN VICINITY REQUESTED TO KEEP
A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO JRCC TRENTON,
TELEX: 210662282,
PHONE: 613 965 3870,
FAX: 613 965 7190.

(252103Z SEP 2013)

MARAD ADVISORIES

MARAD ADVISORIES rapidly disseminate information on government policy, danger and safety issues pertaining to vessel operations and other timely maritime matters. They are periodically issued by the U.S. Maritime Administration (MARAD) to vessel masters, operators, and other U.S. maritime interests.

The text of all in-force MARAD ADVISORIES may be obtained by accessing the NGA Maritime Safety Web site (http://msi.nga.mil/NGAPortal/MSI.portal), by referring to Section I (paragraph 49) of US Notice to Mariners 1/13 for those in-force as of 26 December 2012, or by contacting the Maritime Administration, Office of Security, Code MAR-420, Room W25-308, 1200 New Jersey Avenue S.E., Washington DC 20590, Telephone (202) 366-1883, FAX (202) 366-3954, Cell (202) 641-5071.

MARAD ADVISORIES in force 26 September 2013: 00-7, 05-1, 06-1, 07-1, 10-3, 10-6, 11-3, 11-5, 12-1, 13-1, 13-2, 13-3, 13-4 and 13-5.

SPECIAL WARNINGS

SPECIAL WARNINGS, primarily intended to announce official government proclamations affecting shipping, are broadcast as needed. They are numbered consecutively and further promulgated in the Notice to Mariners.

The text of all in-force SPECIAL WARNINGS may be obtained by accessing the NGA Maritime Safety Web site (http://msi.nga.mil/NGAPortal/MSI.portal) or by referring to Section I (paragraph 5) of US Notice to Mariners 1/13 for those in-force as of 26 December 2012.

SPECIAL WARNINGS in force 26 September 2013: 1, 29, 77, 81, 82, 89, 92, 107, 108, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124 and 125.

MARINE INFORMATION

NOAA CHART NEW EDITIONS AND THEIR AVAILABILITY

NOAA recognizes two paper nautical chart products: Print-on-Demand (POD) and traditional paper charts.
- Print-on-Demand (POD) charts are distributed by OceanGrafix (http://www.OceanGrafix.com), and East View Geospatial, Inc. (http://www.geospatial.com/Default.aspx?tabid=120)

- Civilian users may obtain traditional NOAA/NOS paper charts through a local NOAA chart agent at http://aeronav.faa.gov/agents.asp (Note that this is an FAA site that lists both aeronautical and nautical chart agents), and
- DOD and other authorized U.S. Government users may obtain traditional NOAA/NOS paper charts through the Defense Logistics Agency (DLA).

The Print-on-Demand Chart is available one to two days after NOAA clears a New Edition for release. The Traditional Chart is available two to eight weeks later. Each is official, should be put into service immediately, and meets Federal chart carriage requirements immediately upon its release. Each should be updated from the dates shown in the lower left corner of the chart. For questions contact NOAA at help@nauticalcharts.gov or call 301-713-1968 x 105. Dates of Latest Editions for charts are listed at http://nauticalcharts.noaa.gov.

14933	25th Ed. Sep 2013 NEW EDITION	NAD 83	(NOS Silver Spring, MD)	
	GREAT LAKES - LAKE MICHIGAN - MICHIGAN - GRAND HAVEN including Spring Lake and Lower Grand River (New edition due to numerous Notice to Mariner changes)			1:15,000
14937	25th Ed. Sep 2013 NEW EDITION	NAD 83	(NOS Silver Spring, MD)	
	GREAT LAKES - LAKE MICHIGAN - MICHIGAN - LUDINGTON HARBOR (New edition due to numerous Notice to Mariner changes)			1:5,000
17400	18th Ed. Sep 2013 NEW EDITION	NAD 83	(NOS Silver Spring, MD)	
	ALASKA - SOUTHEAST COAST - DIXON ENTRANCE TO CHATHAM STRAIT (New edition due to numerous Notice to Mariner, hydrographic, and topographic changes)			1:229,376
17423	15th Ed. Sep 2013 NEW EDITION	NAD 83	(NOS Silver Spring, MD)	
	ALASKA - SOUTHEAST COAST - HARBOR CHARTS - CLARENCE STRAIT AND BEHM CANAL (New edition due to numerous Notice to Mariner and hydrographic changes)			VARIOUS
18700	23rd Ed. Sep 2013 NEW EDITION	NAD 83	(NOS Silver Spring, MD)	
	WEST COAST - CALIFORNIA - POINT CONCEPTION TO POINT SUR (New edition due to revision in the traffic separation scheme)			1:216,116

NEW EDITION OF COAST PILOT

U.S. Coast Pilot 2, Atlantic Coast: Cape Cod, MA to Sandy Hook, NJ, Forty-third Edition, 2014, has been issued and is ready for free download and weekly updates at http://nauticalcharts.noaa.gov/nsd/cpdownload.htm.

Print-on-Demand (POD) bound copies are available for purchase; see http://www.nauticalcharts.noaa.gov/staff/charts.htm#USCP.

Annually printed copies will be available about three weeks from date of this announcement from authorized chart agents and their sales outlets. An agent listing may be viewed at http://aeronav.faa.gov/agents.asp. Price $30.00

The 2014 Edition cancels the preceding 2013 Edition, and incorporates all previous corrections.

NEW EDITION OF SAILING DIRECTIONS

Pub. 174, Sailing Directions (Enroute) Strait of Malacca and Sumatera, Twelfth Edition, 2013, is now available through electronic access at the Maritime Safety Web site (http://msi.nga.mil/NGAPortal/MSI.portal). This edition will be available on the Digital Nautical Publications-Quarterly Update, 3rd Quarter 2013, DVD-ROM.

Pub. 174 has been corrected to 21 September 2013, including Notice to Mariners No. 38 of 2013.

Digital Nautical publications will be updated using a binary patch file called "Publication Data Updates (PDU)." PDU files are cumulative or sequential ensuring customers will not miss any changes and may be accessed on the Maritime Safety Web site (http://msi.nga.mil/NGAPortal/MSI.portal).

NGA DIGITAL NAUTICAL CHART (DNC) NEW EDITIONS AND THEIR AVAILABILITY

DNC new editions have been posted on NGA websites for access by Department of Defense (DoD) customers and other authorized U.S. Government users. The new editions will be available on CD-ROM via automatic distribution to authorized users in the near future.
The official NGA web sites for downloading selected NGA, NOAA charts and DNCs are:
- JWICS: http://www.geoint.nga.ic.gov/products/dnc1/whatsnew.htm
- NIPRNet: https://www.geointel.nga.mil/products/dnc/
- SIPRNet: http://www.geoint.nga.smil.mil/products/dnc1/index.htm

This week's DNC new editions released by NGA are listed below:

DNC11 South China Sea
Edition Number 19
Correct through NM 36/13
Limited Distribution

DNC28 Canada
Edition Number 16
Correct through NM 36/13
Limited Distribution

NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY'S IMPLEMENTATION OF A HARDCOPY TO DIGITAL TRANSITION STRATEGY

Since the mid-1990's, the National Geospatial-Intelligence Agency (NGA) has been working to improve digital navigation product support for the US Navy and other US Government users. The US Navy is transitioning to digital navigation, thus reducing the need for NGA to continue production of hardcopy charts. Therefore, NGA has begun a gradual transition from hardcopy chart production to a digital data maintenance environment. This notice is to advise mariners, chart agents, and other users of this strategy.

During the gradual transition from hardcopy charts to digital charts, NGA will continue to make certain hardcopy charts available only to US Government-approved entities, in accordance with US law or international agreement. These particular charts will be identified as "bilateral charts," since they are the product of international bilateral agreements and are duplicates of foreign copyright charts. Each bilateral chart will carry an NGA chart number, a National Stock Number (NSN), a bar code, and will show the number of any existing NGA chart that it replaces only when the chart is a one-for-one replacement. For those charts that are not a one-for-one replacement, no canceled chart number will appear. In the case where more than one new chart is being introduced to replace a single NGA chart, the existing chart will not be canceled until all new replacement charts have been announced in the Notice to Mariners.

Bilateral charts are the result of NGA international agreements and are duplicates of foreign copyrighted charts. The charts are printed in English, use metric units, refer to WGS-84 datum and are marked as "Distribution Limited." However, certain bilateral charts have not yet been converted to WGS-84 datum, and are of sufficiently large scale (generally larger than 1:50, 000) where the difference from WGS-84 datum is noticeable. These exception charts are printed with datum shift values, which must be applied in order to plot GPS-derived positions correctly. The exception charts are scheduled for eventual conversion to WGS-84 datum; until this occurs, their chart numbers will appear bold-faced in the announcement list below.

Bilateral charts will contain references to host nation charts and publications, and may use symbology not yet found in US Chart No. 1. In most cases, NGA will not attempt to change these references to the equivalent US charts, publications or symbology. However, it should be noted that relevant maritime information referenced in a foreign publication can also usually be found within Sailing Directions, Notice to Mariners No. 1 (Special Paragraphs), List of Lights, Radio Navigational Aids, or Chart No. 1. Updates to Sailing Directions and other electronic publications can be made through the application of digital patch files (PDU files), available for download from the NGA Maritime Safety Web site.

As the US Navy completes its transition to digital navigation, the use of bilateral charts will be gradually phased out. Until then, Section II of the Notice to Mariners, NGA/DLIS Catalog Corrections, will contain information about specific bilateral charts being announced as well as cancellation of any existing charts that they replace. Update information for bilateral charts will appear in Section I of the Notice to Mariners, Chart Corrections. Standard chart policy remains intact, in that NGA charts are not to be placed in service until their announcement appears in the US Notice to Mariners.

NGA has begun adopting bilateral charts in waters of Australia, Canada, Japan, and the UK, with additional countries to follow. What this further means is that NGA no longer provides certain hardcopy charts (i.e., those replaced by bilateral charts) for public sale. To obtain these hardcopy charts, civilian users will be required to purchase bilateral chart equivalents from their producer nations and their agents. Contact information for purchasing Australian, Canadian, Japanese, and UK charts is listed below:

Australian Hydrographic Service Web site: http://www.hydro.gov.au

Australian Distribution Network: http://www.hydro.gov.au/prodserv/distributors/distributors.htm

Canadian Hydrographic Service Web site: http://notmar.com/charts/index.php

Canadian Sales Agents: http://www.chs-shc.dfo-mpo.gc.ca/chs/en/Dealers/locate.htm

Japan Coast Guard and List of Agents Web sites: http://www1.kaiho.mlit.go.jp/jhd-E.html

UK Hydrographic Office Web site: http://www.ukho.gov.uk

UK Sales Agents: http://www.ukho.gov.uk/list_of_agents.html

NGA issues this notice weekly. It will also appear in the “What’s New @ Maritime” section of the Maritime Safety Web site (http://msi.nga.mil/NGAPortal/MSI.portal); however, the following list of announced bilateral charts will only appear in the Notice to Mariners.

NGA bilateral Australian, Canadian, Japanese, and UK charts announced to date:

Former US Chart No.	*Current US Chart No.*	*Foreign Chart No.*	*Originally Announced in NTM*	*Later Edition*
14002	14ACO14000	Can. 4023	23/04	
14005	14ACO14001	Can. 4012	23/04	
14006	14ACO14334	Can. 4016	9/09	
14009	14ACO14004	Can. 4015	23/04	
14009	14ACO14011	Can. 4047	23/04	
14009	14ACO14012	Can. 4002	29/04	
14009	14ACO14013	Can. 4013	29/04	
14009	14ACO14015	Can. 4045	29/04	
14014	14ACO14013	Can. 4013	29/04	
14040	14ACO14016	Can. 4010	29/04	
14041	14XHA14019	Can. 4011	29/04	
14042	14XHA14020	Can. 4396	1/05	35/12
14043	14AHA14021	Can. 4116	8/05	42/08
14044	14AHA14022	Can. 4117	14/05	36/12
14046	14BHA14023	Can. 4140	14/05	
14062	14XCO14025	Can. 4118	43/04	
14062	14XCO14026	Can. 4243	12/05	

14065	14BHA14027	Can. 4245	12/05	
14066	14XCO14026	Can. 4243	12/05	
14066	14XHA14028	Can. 4230	14/05	
14066	14XHA14029	Can. 4241	14/05	
14066	14XHA14030	Can. 4242	33/05	
14066	14XHA14031	Can. 4210	33/05	
14067	14XHA14029	Can. 4241	14/05	
14067	14XHA14032	Can. 4209	47/05	
14068	14XHA14032	Can. 4209	47/05	
14083	14AHA14035	Can. 4211	18/11	
14083	14AHA14036	Can. 4320	45/05	34/07
14085	14AHA14037	Can. 4328	45/05	
14087	14AHA14039	Can. 4385	46/05	
14088	14AHA14047	Can. 4201	46/05	
14089	14AHA14048	Can. 4202	39/06	
14090	14AHA14049	Can. 4237	6/05	
14091	14AHA14050	Can. 4203	48/06	
14093	14AHA14051	Can. 4236	25/07	
14100	14XHA14052	Can. 4235	25/07	
14100	14XHA14053	Can. 4234	25/07	
14105	14AHA14054	Can. 4321	22/07	
14115	14XCO14058	Can. 4227	29/04	
14121	14XHA14059	Can. 4374	23/07	
14123	14XHA14060	Can. 4375	23/07	
14125	14AHA14064	Can. 4376	22/07	
14133	14XHA14072	Can. 4278	23/07	
14134	14XHA14073	Can. 4279	23/07	
14136	14AHA14075	Can. 4266	25/07	
14141	14AHA14076	Can. 4462	22/07	
14144	14XHA14143	Can. 4950	38/03	11/08
14145	14AHA14077	Can. 4448	22/07	
14146	14XHA14078	Can. 4404	25/07	
14151	14XHA14079	Can. 4403	23/07	
14156	14BHA14080	Can. 4419	22/07	
14190	14ACO14096	Can. 4905	6/09	
14203	14XHA14195	Can. 1431	42/03	11/08
14222	14XHA14211	Can. 1312	40/03	5/08
14227	14XHA14215	Can. 1316	39/03	38/12
14240	14XHA14217	Can. 1236	43/03	38/12
14241	14XHA14218	Can. 1233	39/03	38/12
14253	14ACO14004	Can. 4015	23/04	
14340	14ACO14334	Can. 4016	9/09	
14342	14BCO14336	Can. 4626	11/10	
14349	14AHA14339	Can. 4622	10/09	
14350	14AHA14334	Can. 4841	12/10	
14351	14AHA14334	Can. 4841	12/10	
14360	14ACO14348	Can. 4017	12/10	
14364	14AHA14359	Can. 4846	25/09	
14366	14AHA14359	Can. 4846	25/09	
14373	14BHA14362	Can. 4847	12/10	
14415	14ACO14377	Can. 4020	12/10	
14812	14XHA14809	Can. 2085	6/09	39/12
15008	15ACO15001	Can. 4730	12/10	
15011	15ACO15002	Can. 7050	16/08	
15017	15ACO15003	Can. 5450	33/07	
15018	15ACO15004	Can. 4700	12/10	
15020	15ACO15005	Can. 7011	12/10	

15041	**15ACO15007**	Can. 4731	41/08	
15061	15ACO15014	Can. 4732	42/08	
15070	15BHA15024	Can. 5143	6/09	
15080	15BHA15027	Can. 5023	46/07	
15120	15ACO15030	Can. 4775	31/07	
15140	15ACO15031	Can. 4776	12/10	
15160	15ACO15032	Can. 5300	34/08	
15312	15ACO15035	Can. 5400	6/09	
15670	15XCO15672	Can. 7570	44/09	
17008	**17ACO17007**	Can. 3002	40/08	
17412	**17XHA17410**	Can. 3890	40/08	
17413	**17ACO17411**	Can. 3802	42/08	
17414	**17BCO17415**	Can. 3854	42/08	
17416	**17BCO17417**	Can. 3853	41/08	
17438	17BHA17418	Can. 3960	43/08	
17438	17BHA17419	Can. 3959	41/08	
17438	17BHA17440	Can. 3956	12/10	
17441	17BHA17442	Can. 3927	12/07	
17441	17BHA17447	Can. 3746	25/07	
17444	17XHA17448	Can. 3955	32/08	
17445	17BHA17439	Can. 3957	12/10	
17464	17XHA17450	Can. 3724	12/10	
17465	**17XHA17451**	Can. 3742	41/08	
17480	17ACO17454	Can. 3744	12/10	
17485	17XHA17456	Can. 3936	44/09	
17486	**17XCO17458**	Can. 3727	13/09	
17489	17XHA17488	Can. 3598	12/10	
17495	17ACO17493	Can. 3605	6/07	
17513	17XHA17497	Can. 3539	8/05	1/08
17515	17XHA17496	Can. 3513	6/09	
17517	17XHA17498	Can. 3512	44/09	
17518	17BHA17499	Can. 3463	31/07	
17519	17BHA17500	Can. 3526	23/07	
17543	17ACO17501	Can. 3604	1/08	
17546	**17XCO17510**	Can. 3603	31/10	
17548	17BCO17511	Can. 3671	31/07	
17550	17ACO17514	Can. 3602	24/07	
18401	18BHA18404	Can. 3459	42/08	44/10
18405	18BHA18426	Can. 3493	25/07	49/11
18406	18BHA18435	Can. 3481	23/07	36/12
18407	18BHA18436	Can. 3494	12/07	
18408	18BHA18437	Can. 3495	42/08	
18413	18BHA18442	Can. 3442	31/07	
18414	18XHA18451	Can. 3478	31/07	
18415	18BHA18461	Can. 3441	24/07	
18416	18AHA18462	Can. 3440	24/07	
18418	18AHA18466	Can. 3419	24/07	
18420	18BHA18467	Can. 3479	12/07	16/08
18475	18XHA18472	Can. 3685	43/08	
35009	35ACO35002	UK 266	19/04	3/07
35009	35ACO35003	UK 268	19/04	1/12
35009	35ACO35004	UK 273	19/04	1/12
35009	35ACO35005	UK 278	23/04	4/07
35009	35ACO35006	UK 1191	24/04	8/13
35009	35ACO35010	UK 1192	28/04	12/06
35009	35ACO35013	UK 1409	23/04	35/13
35009	35ACO35014	UK 1407	23/04	33/09

35016	35ACO35015	UK 2635	26/06	31/12
35022	35ACO35017	UK 1128	16/08	21/12
35023	35ACO35018	UK 1129	37/07	
35031	35ACO35019	UK 1127	4/06	6/08
35032	35ACO35020	UK 1125	7/07	
35036	35ACO35024	UK1123	3/07	20/07
35040	35ACO35006	UK 1191	24/04	8/06
35060	35ACO35010	UK 1192	28/04	
35080	35ACO35014	UK 1407	23/04	33/09
35081	35BHA35035	UK 734	28/04	42/12
35082	35BHA35037	UK 735	31/04	2/12
35084	35BHA35045	UK 1481	32/04	8/13
35086	35BHA35048	UK 736	32/04	11/13
35088	35BHA35050	UK 190	28/04	9/13
35100	35ACO35013	UK 1409	23/04	49/04
35101	35BHA35052	UK 223	33/04	3/12
35120	35ACO35055	UK 115	23/04	34/13
35130	35ACO35056	UK 1942	12/06	35/13
35135	35ACO35057	UK 2249	27/07	39/10
35136	35ACO35058	UK 2250	27/07	39/10
35141	35ACO35059	UK 2162	21/07	33/09
35144	35XCO35062	UK 2584	27/07	49/08
35150	35ACO35063	UK 1119	27/07	11/13
35155	35ACO35064	UK 1234	27/07	
35159	35ACO35065	UK 3271	30/07	39/10
35160	35ACO35066	UK 1233	27/07	11/13
35163	35ACO35067	UK 3272	27/07	
35166	35ACO35068	UK 3283	27/07	39/10
35169	35ACO35071	UK 3281	29/07	25/13
35170	35ACO35072	UK 3282	30/07	25/13
35200	35ACO35001	UK 1954	28/04	33/09
35205	35ACO35073	UK 2720	27/07	10/13
35210	35ACO35074	UK 1785	27/07	6/08
35220	35ACO35075	UK 2721	37/07	8/13
35230	35ACO35078	UK 1794	24/07	27/13
35236	**35AHA35079**	UK 2207	28/07	39/10
35237	35AHA35089	UK 2208	30/07	25/13
35239	**35AHA35090**	UK 2210	28/07	18/13
35243	**35BHA35091**	UK 3146	37/07	6/08
35246	35ACO35092	UK 1795	21/07	13/10
35247	35AHA35093	UK 1796	28/07	39/10
35248	**35BHA35094**	UK 2209	38/07	
35250	35BHA35095	UK 2540	29/07	17/13
35255	**35AHA35096**	UK 2171	30/07	
35256	35AHA35097	UK 2390	24/07	35/13
35260	35ACO35104	UK 2722	27/07	8/13
35265	35ACO35106	UK 1778	27/07	33/09
35270	**35AHA35109**	UK 2169	29/07	
35272	35ACO35110	UK 1770	12/07	
35277	35BHA35113	UK 2326	22/06	7/08
35278	35BHA35114	UK 2343	4/06	51/12
35279	35BHA35115	UK 2397	29/06	
35295	35BHA35116	UK 2481	22/06	42/12
35296	35BHA35117	UK 2396	25/06	
35298	35BHA35118	UK 2168	7/07	33/09
35299	35ACO35119	UK 2724	26/06	5/07
35300	35ACO35121	UK 2723	18/06	

35302	35ACO35123	UK 2798	46/05	
35307	35ACO35126	UK 2199	5/06	8/13
35308	35ACO35127	UK 2198	25/06	44/12
35310	35ACO35128	UK 2725	27/06	
35350	35ACO35131	UK 2173	12/07	
35380	35ACO35138	UK 2254	30/06	
35390	35ACO35139	UK 2423	22/06	
35400	35ACO35140	UK 2424	5/06	
35420	35ACO35147	UK 2049	18/06	10/13
35421	35AHA35148	UK 1777	46/05	
35423	35AHA35149	UK 1773	46/05	
35424	35AHA35151	UK 1765	46/05	26/10
35011	35XCO35172	UK 219	8/08	17/13
36010	36ACO36000	UK 1121	26/06	
36015	36ACO36001	UK 2649	47/05	
36040	36ACO36002	UK 1410	47/05	
36060	36ACO36006	UK 1141	12/07	
36061	**36BHA36007**	UK 1468	20/07	
36062	36BHA36008	UK 1415	4/06	44/12
36063	36BHA36009	UK 1447	12/07	9/13
36081	36BHA36011	UK 1753	7/07	11/13
36098	36AHA36012	UK 2221	47/05	
36103	36BHA36014	UK 2126	9/07	
36104	36BHA36016	UK 2220	6/07	
36106	36BHA36017	UK 2131	47/05	38/11
36108	36BHA36018	UK 2000	4/06	13/12
36110	36BHA36019	UK 2007	8/06	18/11
36115	36BHA36020	UK 1994	3/07	
36116	36AHA36021	UK 1867	23/05	26/10
36117	36BHA36022	UK 1907	11/07	
36118	36BHA36023	UK 2383	25/06	
36119	36BHA36024	UK 2491	4/06	
36120	36ACO36025	UK 1826	13/07	24/13
36127	36BHA36030	UK 3746	32/06	13/12
36128	36BHA36030	UK 3746	32/06	13/12
36137	36AHA36032	UK 1478	39/04	37/13
36138	36AHA36033	UK 3275	39/04	34/13
36139	36BHA36034	UK 3274	39/04	35/13
36140	36ACO36035	UK 1178	39/04	10/13
36141	36BHA36036	UK 2878	41/04	37/13
36161	36BHA36039	UK 1152	52/04	45/12
36162	36BHA36041	UK 1182	1/05	45/12
36163	36BHA36042	UK 1176	1/05	40/13
36165	36BHA36044	UK 1165	17/05	52/12
36180	36ACO36049	UK 2565	27/05	9/13
37043	37AHA37003	UK 1267	15/06	
37044	37AHA37004	UK 30	25/05	39/10
37045	37AHA37006	UK 1901	25/05	34/13
37046	37AHA37007	UK 1613	34/05	25/13
37047	37XHA37008	UK 1902	25/05	22/13
37060	36ACO36050	UK 442	25/05	
37075	37ACO37015	UK 2454	25/08	1/12
37079	37AHA37016	UK 2625	32/05	34/13
37081	37AHA37017	UK 2045	32/05	25/13
37083	37AHA37019	UK 2037	25/05	31/13
37084	37AHA37020	UK 2036	5/06	27/13
37086	37AHA37021	UK 2631	31/05	18/13

37119	37AHA37027	UK 1698	8/06	8/13
37122	37AHA37028	UK 1828	19/05	40/13
37141	37AHA37040	UK 1607	9/05	10/13
37145	37AHA37051	UK 1185	37/04	52/08
37147	37BHA37052	UK 1975	36/04	5/12
37150	37ACO37055	UK 1504	37/04	40/13
37170	37ACO37057	UK 1503	38/04	8/08
37175	37ACO37058	UK 1187	38/04	8/08
37180	37ACO37059	UK 1190	38/04	18/11
37182	37AHA37062	UK 109	38/04	33/09
37183	37BHA37066	UK 1188	6/05	37/13
74071	74BHA74072	Aus. 615	35/07	
74071	74BHA74073	Aus. 616	35/07	
74071	74BHA74074	Aus. 617	35/07	
74141	74XHA74142	Aus. 618	35/07	
74141	74XHA74143	Aus. 610	35/07	
74151	74AHA74154	Aus. 809	12/07	
74152	74BHA74150	Aus. 208	8/07	44/10
74153	74BHA74155	Aus. 207	8/07	
74162	74BCO74163	Aus. 811	13/07	
74162	74BCO74164	Aus. 810	13/07	
74183	74AHA74180	Aus. 237	9/07	
74186	74AHA74189	Aus. 238	47/05	
74192	74BHA74213	Aus. 818	9/07	
74201	74BHA74199	Aus. 246	8/07	
74202	74BHA74208	Aus. 247	13/07	
74204	74BHA74209	Aus. 819	14/07	
74205	74BHA74244	Aus. 245	45/10	
74206	74AHA74212	Aus. 244	15/07	
74210	74BCO74245	Aus. 820	13/07	
74221	74BCO74227	Aus. 821	11/07	
74229	74BHA74226	Aus. 250	13/07	
74229	74BCO74246	Aus. 824	16/08	
74229	74BCO74247	Aus. 249	16/08	26/13
74231	74BHA74226	Aus. 250	13/07	
74232	74BHA74216	Aus. 256	10/07	
74234	74BHA74237	Aus. 257	11/07	45/10
74252	74BHA74258	Aus. 263	41/10	
74253	74BCO74262	Aus. 830	13/07	
74271	74BCO74275	Aus. 833	18/07	
74271	74BCO74277	Aus. 280	35/07	
74272	74BHA74267	Aus. 834	13/07	
74287	74BHA74279	Aus. 289	52/06	
74293	74ACO74311	Aus. 839	12/06	25/13
74294	74BCO74300	Aus. 292	47/05	
74294	74ACO74311	Aus. 839	12/06	
74310	74BCO74395	Aus. 302	18/07	
74320	74BCO74313	Aus. 303	18/07	
74330	74BCO74387	Aus. 304	52/06	
74340	74BCO74384	Aus. 305	35/07	
74350	74BCO74383	Aus. 306	35/07	44/10
74376	74BCO74377	Aus. 715	35/07	
74391	74BHA74390	Aus. 720	35/07	
74391	74BHA74396	Aus. 721	35/07	
74393	74BHA74397	Aus. 26	47/06	
74394	74BHA74397	Aus. 26	47/06	
74415	74ACO74416	Aus. 726	35/07	

74430	74ACO74431	Aus. 315	22/08	48/08
74450	74ACO74451	Aus. 319	34/07	48/08
74517	74ACO74031	Aus. 743	12/06	
74521	75AHA75147	Aus. 744	19/06	
74555	74ACO74593	Aus. 334	34/07	
74581	74AHA74585	Aus. 112	18/07	
75010	75ACO75111	Aus. 341	36/07	
75010	75ACO75114	Aus. 342	36/07	
75110	75ACO75111	Aus. 341	36/07	
75120	75ACO75114	Aus. 342	36/07	
75132	75BHA75137	Aus. 137	19/06	42/08
75170	75ACO75166	Aus. 788	14/06	
75170	75ACO75167	Aus. 789	14/06	
75170	75ACO75168	Aus. 790	17/06	
75171	75AHA75164	Aus. 144	44/10	
75171	75AHA75165	Aus. 143	21/06	20/08
75171	75AHA75174	Aus. 158	18/06	25/13
75173	75AHA75174	Aus. 158	18/06	
75175	75AHA75178	Aus. 154	18/06	24/13
75261	75AHA75274	Aus. 808	11/07	
75264	75AHA75269	Aus. 201	12/07	
75264	75AHA75267	Aus. 202	48/06	
75265	75AHA75266	Aus. 197	17/07	
95261	95BCO95263	Jpn. W145	9/12	
95264	95BHA95266	Jpn. W1155A	5/12	
95268	95BHA95122	Jpn. W1162A	52/12	
95271	95BHA95277	Jpn. W1183	5/13	
95272	95BHA95278	Jpn. W1162B	1/13	
95273	95BHA95279	Jpn. W1197	5/12	
95276	95BHA95284	Jpn. W1193	46/10	
95282	95BHA95288	Jpn. W1167	10/11	
95285	95BHA95289	Jpn. W1166	29/12	
95342	95AHA95339	Jpn. W1265	46/12	
96940	96BHA96933	Jpn. W7	51/12	
96942	96BHA96931	Jpn. W5	21/11	
96961	96BHA96951	Jpn. W1033A	46/10	
97041	97BHA97044	Jpn. W65	21/11	38/12
97042	97XHA97045	Jpn. W71	46/11	
97043	97XHA97046	Jpn. W1091	45/11	12/12
97060	97ACO97050	Jpn. W54	46/11	1/13
97063	97XHA97054	Jpn. W1099	16/13	
97063	97XHA97058	Jpn. W1093	36/13	
97064	97BHA97055	Jpn. W1100	39/12	
97082	97BHA97084	Jpn. W64A	9/12	
97083	97BHA97085	Jpn. W64B	9/12	
97108	97BHA97095	Jpn. W1049	38/12	30/13
97141	97BHA97132	Jpn. W1067	52/12	
97143	97AHA97133	Jpn. W1062	11/11	
97144	97AHA97134	Jpn. W1081	9/11	52/12
97146	97AHA97135	Jpn. W1083	46/10	
97148	97XHA97136	Jpn. W1085	18/11	
97149	97AHA97137	Jpn. W66	46/10	
97150	97XHA97139	Jpn. W67	46/10	
97151	97AHA97168	Jpn. W1061	21/11	
97154	97BHA97171	Jpn. W1042	52/11	
97155	97AHA97172	Jpn. W1065	21/11	
97156	97BHA97173	Jpn. W92	49/11	

97181	97BHA97089	Jpn. W1051	42/12	
97182	97BHA97090	Jpn. W1053	21/12	
97183	97BHA97028	Jpn. W95	16/13	
97184	97BHA97030	Jpn. W1055A	49/11	37/13
97185	97BHA97031	Jpn. W1057B	49/11	
97188	97BHA97033	Jpn. W1052	38/12	
97189	97BHA97034	Jpn. W1055B	49/11	
97204	97AHA97191	Jpn. W131	11/11	
97218	97BHA97216	Jpn. W134B	37/13	
97220	97AHA97197	Jpn. W1103	29/12	
97221	97AHA97198	Jpn. W106	11/11	
97225	97AHA97210	Jpn. W150A	46/11	
97226	97XHA97211	Jpn. W1110	3/12	
97227	97XHA97212	Jpn. W1146	30/13	
97229	97AHA97214	Jpn. W101A	29/12	
97230	97AHA97215	Jpn. W101B	20/12	
97233	97BHA97252	Jpn. W153	12/11	
97234	97BHA97253	Jpn. W137A	45/11	
97235	97BHA97254	Jpn. W165	27/13	
97236	97BHA97255	Jpn. W137B	46/11	
97237	97BHA97256	Jpn. W1121	6/12	
97241	97BHA97259	Jpn. W1124	21/11	
97261	97BHA97293	Jpn. W141	12/11	49/11
97262	97BHA97294	Jpn. W104	12/11	
97263	97BHA97295	Jpn. W132	9/11	
97263	97BHA97965	Jpn. W1361	45/11	
97272	97BHA97306	Jpn. W126	46/11	
97274	97AHA97308	Jpn. W127	9/11	
97277	97AHA97311	Jpn. W1102	40/13	
97280	97BHA97315	Jpn. W1106	45/11	
97285	97AHA97319	Jpn. W1262	11/11	45/12
97286	97AHA97321	Jpn. W1263	11/11	52/12
97287	97AHA97322	Jpn. W1264	11/11	
97303	97BHA97324	Jpn. W110	6/12	
97360	97ACO97333	Jpn. W1222	40/13	
97383	97BHA97337	Jpn. W206	3/12	
97410	97XHA97358	Jpn. W166	6/12	
97465	97BHA97370	Jpn. W222A	49/11	
97466	97AHA97371	Jpn. W243	13/12	
97469	97AHA97373	Jpn. W228B	48/11	
97481	97BCO97375	Jpn. W1205	49/11	
97563	97AHA97568	Jpn. W50	4/12	

MARINE INFORMATION REPORT AND SUGGESTION SHEET INSTRUCTIONS

We value your suggestions to improve our products. The Marine Information Report and Suggestion Sheet is provided for users to submit corrective information. Please be complete and accurate in your description/suggestion and include the information as detailed below:

Observer: name(s) of person(s) making observation and rank, rate or title.
Ship/Organization: name of vessel or organization.
Address: complete mailing address. Also include telephone number, fax, and/or e-mail address, if available, in case clarification is required.
Date of Observation: day, month and year at which the observation was made.
Time of Observation: local time at which the observation was made.
Latitude/Longitude: exact position of the observation expressed as accurately as possible.
Datum: horizontal datum to which the observed position is referred (e.g. WGS, NAD83, local foreign datum, etc.).
Navigation System: method used to determine the position of the observation (e.g. radar, GPS, Loran, etc.). Include details about the equipment used, if deemed pertinent.
Verified by Navigator: indicate whether observation was verified by navigator.
Product(s) Affected: product number(s) and/or name(s) to which the observation applies (e.g. Chart 62400, Sailing Directions Pub. 127, etc.).
Edition: edition number and/or year of affected product.
Latest correction applied: the latest Notice to Mariners to which your copy of affected product has been corrected.
Sounding sensor or method used: equipment or method used to collect soundings. When reporting soundings, please provide an annotated echogram, if available, for verification.
Soundings corrected for draft: indicate whether soundings have been corrected for vessel's draft. If not, please include observed draft along with the details of information reported.
Details of Information Reported: use this space to provide details of the observation/suggestion. When referring to a charted feature, please describe it exactly as it appears on the chart. When referring to a publication, please indicate page number(s) and line number(s) or station number(s) as applicable. Use additional sheets as necessary and include diagrams, photocopies of the product(s) involved and/or photographs to describe observations in greater detail. If possible, include the designation, point of contact, telephone number, fax number and/or e-mail address of the local port authority to enable NGA to update our records and obtain additional or later information.
User Feedback: use this space to provide feedback and suggestions for improving NGA products and services.

Please detach, fold and mail the pre-addressed form and include any other relevant material or supporting information.

Reports which present an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. In general, these hazards would include major aids to navigation anomalies, discovery of obstructions or shoals with depths of less than 30 meters, floating dangers to shipping, and any situation deemed critical to safety of life at sea. For further information consult Notice to Mariners No. 1, paragraph 43 (Worldwide Navigational Warning Service).

Due to the large volume of information received, NGA cannot acknowledge receipt of every report. Some reports containing useful data are filed for use in the compilation of the next edition of the affected product. Others confirm or clarify previously reported information. Echogram traces are digitized and become part of out Bathymetric Database. Acknowledgment is made by inclusion in the Observer's List of the Notice to Mariners (page ii), or in some cases by letter from the Agency involved.

For additional information about various Hydrographic Reports, consult The American Practical Navigator (Chapter 30).

MARINE INFORMATION REPORT AND SUGGESTION SHEET

Observer _____ Ship/Organization _____

Address _____

_____

Email address _____

Date of Observation _____ Time of Observation (Local) _____

Latitude _____ Longitude _____ Datum _____

Navigation System _____ Verified by Navigator: Yes _____ No _____

Product(s) Affected _____ Edition _____

Latest correction applied: N.M. _____

Sounding sensor or method used _____ Sounding(s) corrected for draft: Yes ____ No _____

Details of Information Reported (continue on additional sheets as necessary) _____

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User Feedback (continue on additional sheets as necessary)

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MAIL STOP N64-SH
NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY
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SPRINGFIELD, VA 22150-7500

HYDROARC REPORT SHEET

Observer _____

Ship/Organization _____

Phone _____ Email Address_____

Describe Hazard (e.g. dredge, buoy, current meter, operations):_____

_____

_____

_____

_____

_____

Is hazard remotely monitored? Yes_____ No_____

If yes, list Internet URL where most recent position will be posted (if any): _____

Depth water column is occupied (e.g. “bottom to surface”, “surface to 500m”): _____

Date of Insertion_____ Latitude _____ Longitude_____

Date of Expected Removal _____

Most Recent Observation: Date _____ Time (Local) _____

Latitude _____ Longitude _____ Datum _____

Navigation System _____ Verified by Navigator: Yes _____ No_____

Sounding sensor or method used _____

Sounding(s) corrected for draft: Yes _____ No _____

Details of Information Reported (continue on additional sheets as necessary): _____

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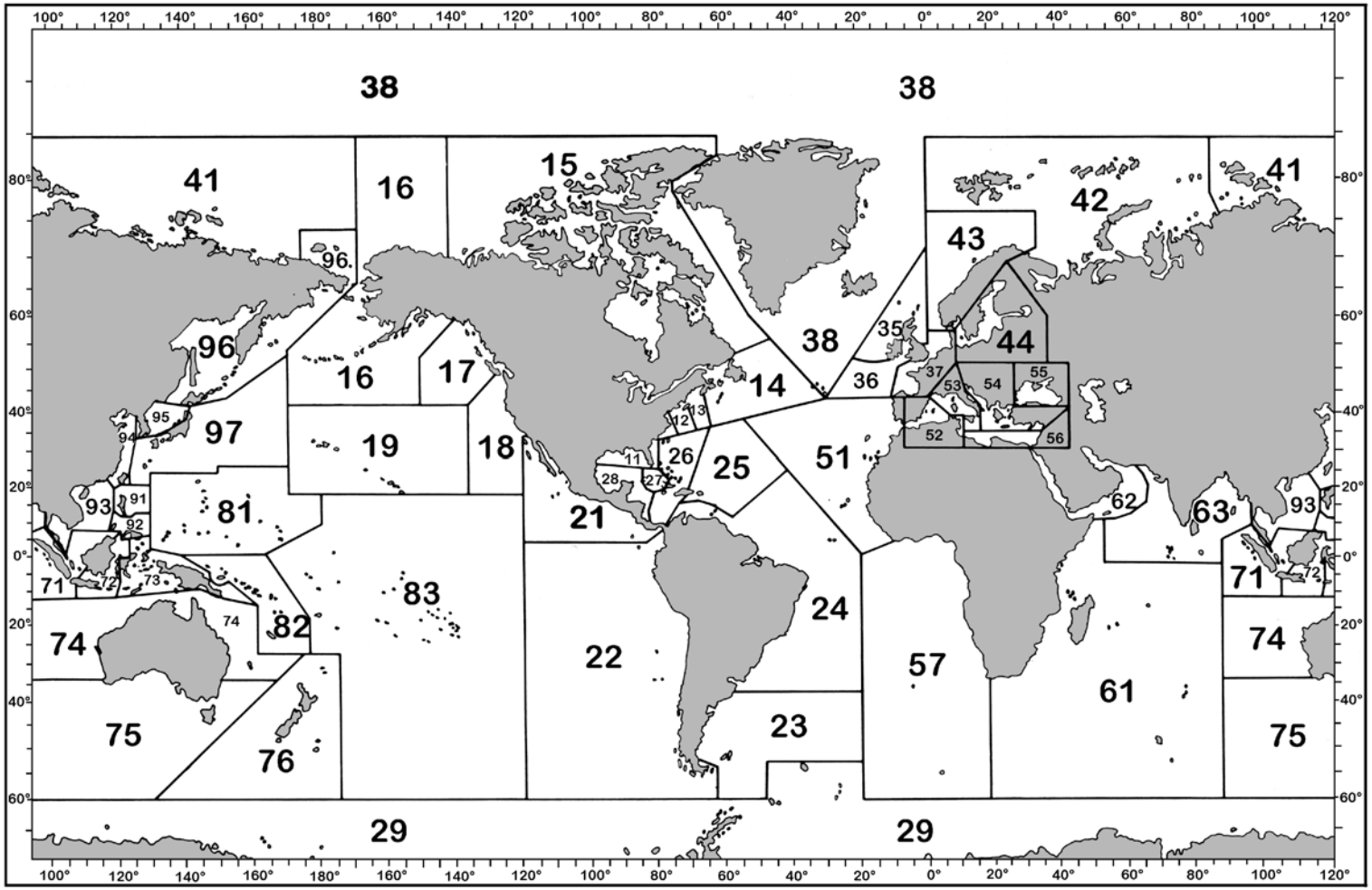

GEOGRAPHIC LOCATOR

For chart numbering purposes, the world is divided into nine regions, each corresponding to the geographic limits of one of the nine regions in the NGA/DLIS Catalog of Maps Charts and Related Products. Each Region is further subdivided into the numbered Subregions in the above graphic. The first two digits of all five-digit chart numbers indicate the geographic subregion to which the chart pertains. Users can locate corrections in this Notice for charts of their immediate interest by determining the two-digit Subregion number of the pertinent geographic area, and then turning to the page or pages that list the chart numbers beginning with those two digits.

IMPORTANT

NAVIGATIONAL INFORMATION

TIME—DATED

NOTICE TO MARINERS

PLEASE EXPEDITE DELIVERY