No. 47

23 NOVEMBER 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.

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 47/13

23 November 2013

NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY'S (NGA) GUIDANCE ON THE PROPER DISPLAY SCALE OF DIGITAL NAUTICAL CHART (DNC) DATA

NGA STRONGLY RECOMMENDS AGAINST DISPLAYING DNC DATA AT A SCALE LARGER THAN THE DATA COMPILATION SCALE COMMONLY KNOWN AS OVER-SCALING. FOR ADDITIONAL INFORMATION, SEE SECTION III FOR DETAILS.

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.

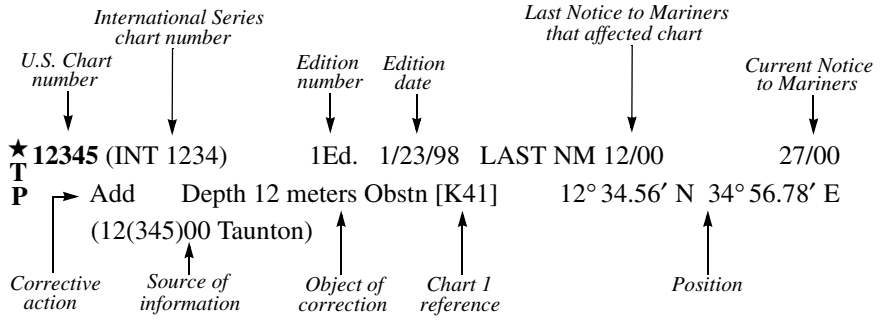
NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY'S IMPLEMENTATION OF A HARDCOPY TO DIGITAL TRANSITION STRATEGY

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.

1115A Ed. 10/10 LAST NM 42/13 47/13
Delete Buoy (mooring) 28° 09.6′ N 89° 15.8′ W
(35/13 CG8)

1116A Ed. 4/13 LAST NM 44/13 47/13
Delete Platform 28° 02.3′ N 94° 23.7′ W
Racon from buoy 27° 45.7′ N 93° 08.3′ W
Platform 28° 38.1′ N 92° 37.1′ W

Submerged well (cov 11fms) and buoy
29° 04.1′ N 92° 30.4′ W

Submerged platform (ruins) 28° 12.9′ N 92° 07.5′ W
Platform 28° 17.1′ N 90° 25.2′ W
Buoy (mooring) 28° 09.6′ N 89° 15.8′ W
(33, 35/13 CG8)

1117A Ed. 9/11 LAST NM 43/13 47/13
Delete Platform 28° 02.2′ N 94° 23.7′ W

Add Buoy "A" Y, Fl Y 2.5s (Priv) 26° 13.2′ N 97° 06.0′ W
Note: Buoy "A" close ENE remains
(See 43/13-1117A)
(33, 35/13 CG8)

11004 8Ed. 10/14/06 LAST NM 43/13 47/13
Delete Platform and Racon 27° 45.7′ N 93° 08.3′ W
Note: Fish haven remains
(35/13 CG8)

★11300 43Ed. 9/11 LAST NM 43/13 47/13
Delete Platform 28° 02.2′ N 94° 23.7′ W

Add Buoy "A" Y, Fl Y 2.5s (Priv) 26° 13.2′ N 97° 06.0′ W
Note: Buoy "A" close ENE remains
(See 43/13-11300)
(33, 35/13 CG8)

★11301 25Ed. 5/08 LAST NM 43/13 47/13
Add Buoy "A" Y, Fl Y 2.5s (Priv) 26° 13′ 10″N 97° 05′ 59″W
Note: Buoy "A" close ENE remains
(See 43/13-11301)
(33/13 CG8)

★11323 64Ed. 4/12 LAST NM 40/13 47/13
Delete Platform 28° 58′ 28″N 94° 54′ 24″W

Submerged well (cov 60ft) and buoy
28° 59′ 09″N 94° 53′ 24″W
(33/13 CG8)

11326 38Ed. 12/11 LAST NM 37/13 47/13
(Page A)
Change Legend to "37 ½ FT JUN 2013" 29° 36′ 56″N 94° 57′ 31″W
Legend to "35 ½ FT JUN 2013" 29° 36′ 28″N 95° 01′ 42″W
(NOS)

★11327 36Ed. 11/12 LAST NM 26/13 47/13
Change Legend to "37 ½ FT JUN 2013"
29° 36′ 53.8″N 94° 57′ 34.0″W
Legend to "35 ½ FT JUN 2013"
29° 36′ 42.0″N 95° 01′ 18.3″W
(NOS)

★11339 4Ed. 2/13 LAST NM 43/13 47/13
Change Range light, front to Fl R 2.5s 45ft (Night),
Fl 2.5s 48ft (Day) 29° 47′ 08″N 93° 20′ 52″W
(See 43/13-11339)

(Inset)
Add Tabulation of controlling depths from
Subsection I-2
(See 26/13-11339)
(NOS; 33/13 CG8)

★11340 77Ed. 4/13 LAST NM 44/13 47/13
Delete Platform 28° 02.3′ N 94° 23.7′ W
Racon from buoy 27° 45.7′ N 93° 08.3′ W
Platform 28° 38.1′ N 92° 37.1′ W

Submerged well (cov 11fms) and buoy
29° 04.1′ N 92° 30.4′ W

Submerged platform (ruins) 28° 12.9′ N 92° 07.5′ W
Platform 28° 17.1′ N 90° 25.2′ W
Buoy (mooring) 28° 09.6′ N 89° 15.8′ W
(33, 35/13 CG8)

11341 44Ed. 3/13 LAST NM 43/13 47/13
Change Range light, front to Fl R 2.5s 45ft (Night),
Fl 2.5s 48ft (Day) 29° 47′ 08″N 93° 20′ 52″W
(See 43/13-11341)
(33/13 CG8)

11344 39Ed. 2/12 LAST NM 43/13 47/13
Change Range light, front to Fl R 2.5s 45ft (Night),
Fl 2.5s 48ft (Day) 29° 47′ 08″N 93° 20′ 52″W
(See 43/13-11344)

Add Tabulation of controlling depths from
Subsection I-2
(Supersedes 26/13-11344)
(NOS; 33/13 CG8)

11347 40Ed. 5/13 LAST NM 44/13 47/13
(Side A)
Change Range light, front to Fl R 2.5s 45ft (Night),
Fl 2.5s 48ft (Day) 29° 47′ 08″N 93° 20′ 52″W
(See 43/13-11347)

Add Tabulation of controlling depths from
Subsection I-2

(Side B, Inset)
Add Tabulation of controlling depths from
Subsection I-2
(NOS; 33/13 CG8)

★11356 40Ed. 6/13 LAST NM 44/13 47/13
Delete Platform 28° 51′ 47″N 91° 13′ 01″W
(33/13 CG8)

★11357 42Ed. 5/12 LAST NM 44/13 47/13
Delete Platform 28° 39′ 51″N 90° 27′ 04″W
Platform 28° 47′ 12″N 90° 25′ 40″W
(33/13 CG8)

11360 44Ed. 10/10 LAST NM 42/13 47/13
Delete Buoy (mooring) 28° 09.6′ N 89° 15.8′ W
(35/13 CG8)

11362 5Ed. 9/24/05 LAST NM N42/13 N47/13
Delete Buoy (mooring) 28° 09.6′ N 89° 15.9′ W
(35/13 CG8)

★11366 15Ed. 8/12 LAST NM 43/13 47/13
Delete Buoy (mooring) 28° 09.6′ N 89° 15.8′ W
(35/13 CG8)

11477 6Ed. 2/15/97 LAST NM N29/13 N47/13
Change Legend to "9.1m Apr 2013" 28° 24′ 49″N 80° 37′ 34″W
(See 29/13-11477)

Add Tabulation of controlling depths from
Subsection I-2
(Supersedes 28/13-11477)
(NOS)

★11478 23Ed. 2/13 LAST NM 46/13 47/13
Change Legend to "37 FT APR 2013"
28° 24′ 30.4″N 80° 34′ 31.5″W
Legend to "17 FT APR 2013"
28° 24′ 54.2″N 80° 36′ 29.6″W
Legend to "14 FT APR 2013"
28° 24′ 33.4″N 80° 37′ 05.5″W

Legend to "WEST BASIN 30 FT APR 2013
(PROJECT DEPTH 31 FT)"
28° 24′ 49.3″N 80° 37′ 28.0″W
(See 29/13-11478)
(NOS)

11481 8Ed. 4/13 LAST NM 46/13 47/13
Change Legend to "37 FT APR 2013"
28° 24′ 29.5″N 80° 34′ 32.0″W
Legend to "17 FT APR 2013"
28° 24′ 54.4″N 80° 36′ 16.2″W
Legend to "14 FT APR 2013"
28° 24′ 33.5″N 80° 37′ 04.7″W
Legend to "WEST BASIN 30 FT APR 2013 (PROJECT DEPTH 31 FT)"
28° 24′ 50.1″N 80° 37′ 29.0″W
(NOS)

11489 39Ed. 5/11 LAST NM 44/13 47/13
(Side A)
Substitute Depth 7 feet "Rep (2013)" for 14 feet
30° 59′ 22.7″N 81° 24′ 13.8″W
(NOS)

11502 33Ed. 10/11 LAST NM 44/13 47/13
Add Depth 7 feet "Rep (2013)" 30° 59′ 23″N 81° 24′ 14″W
(NOS)

★11504 18Ed. 6/11 LAST NM 44/13 47/13
Substitute Depth 7 feet "Rep (2013)" for 14 feet
30° 59′ 22.7″N 81° 24′ 13.8″W
(NOS)

11525 8Ed. 5/18/13 LAST NM N35/13 N47/13
Delete Danger circle "Obstn" (PA) 34° 23.2′ N 76° 32.9′ W
(US CH 11544)

11541 40Ed. 2/13 LAST NM 32/13 47/13
(Side A, Beaufort Inlet II to HH)
Delete Buoy "17A" 34° 41′ 36″N 76° 40′ 16″W
(44/13 CG5)

11543 24Ed. 10/12 LAST NM 32/13 47/13
Delete Buoy "17A" 34° 41′ 36″N 76° 40′ 16″W
(44/13 CG5)

11545 65Ed. 5/13 LAST NM 42/13 47/13
Delete Buoy "17A" 34° 41′ 36″N 76° 40′ 16″W
(44/13 CG5)

★11547 38Ed. 9/11 LAST NM 42/13 47/13
Delete Buoy "17A" 34° 41′ 36.3″N 76° 40′ 16.5″W
(44/13 CG5)

12205 33Ed. 5/12 LAST NM 44/13 47/13
(Page A)
Add Danger circle "Obstn (anchor) Rep (2013)"
[K40] (PA) 36° 57′ 18″N 76° 04′ 12″W
(42/13 CG5)

12208 16Ed. 7/13 LAST NM 39/13 47/13
Add Danger circle "Obstn (anchor) Rep (2013)"
[K40] (PA) 36° 57′ 18″N 76° 04′ 12″W
(42/13 CG5)

12221 81Ed. 4/11 LAST NM 46/13 47/13
Add Danger circle "Obstn (anchor) Rep (2013)"
[K40] (PA) 36° 57′ 18″N 76° 04′ 12″W
(42/13 CG5)

12222 54Ed. 4/13 LAST NM 45/13 47/13
Add Danger circle "Obstn (anchor) Rep (2013)"
[K40] (PA) 36° 57′ 18″N 76° 04′ 12″W
(42/13 CG5)

★12254 49Ed. 8/11 LAST NM 45/13 47/13
Add Danger circle "Obstn (anchor) Rep (2013)"
[K40] (PA) 36° 57′ 18.0″N 76° 04′ 12.0″W
(42/13 CG5)

12280 10Ed. 12/11 LAST NM 46/13 47/13
(Right Panel)
Add Danger circle "Obstn (anchor) Rep (2013)"
[K40] (PA) 36° 57.3′ N 76° 04.2′ W
(42/13 CG5)

★12301 23Ed. 6/22/13 NEW EDITION N47/13
Delete Depth 21.9 meters Wk 41° 19.8′ N 71° 32.9′ W
(Previously published N30/13)
(NGA)

14860 36Ed. 6/05 LAST NM 42/13 47/13
Delete Blue dashed line and blue tint (marine sanctuary limit) between 44° 53.0′ N 83° 19.7′ W
45° 02.6′ N 83° 21.5′ W
Note: Sanctuary now includes all of Thunder Bay
(NOS)

★14864 27Ed. 3/11 LAST NM 42/13 47/13
Delete Blue dashed line and blue tint (marine sanctuary limit) between 44° 52′ 56″N 83° 19′ 34″W
45° 03′ 02″N 83° 21′ 30″W
Note: Sanctuary now includes all of Thunder Bay
(NOS)

★14867 27Ed. 2/13 LAST NM 45/13 47/13
(Inset Saginaw River)
Change Legend to "13 FT 2013" 43° 32′ 58.8″N 83° 54′ 11.9″W
Legend to "14 ½ FT 2013" 43° 27′ 20.7″N 83° 55′ 28.2″W
(NOS)

★14869 26Ed. 12/1/01 LAST NM 42/13 47/13
Delete Blue dashed line and blue tint (marine sanctuary limit) between 44° 58′ 29″N 83° 20′ 38″W
45° 01′ 38″N 83° 21′ 14″W
Note: Sanctuary now includes all of Thunder Bay
(NOS)

14926 12Ed. 10/10 LAST NM 46/13 47/13
(Page 7)
Add "SAFETY ZONE 165.931 (see note A)" area bound by purple dashed line [N1.2] joining
41° 53′ 07.6″N 87° 36′ 23.2″W
41° 53′ 26.5″N 87° 36′ 24.6″W
41° 53′ 26.5″N 87° 35′ 26.5″W
41° 53′ 07.6″N 87° 35′ 26.3″W

(Page 23)
Add "SAFETY ZONE 165.931 (see note A)" area bound by chart border and purple dashed line [N1.2] joining 41° 53′ 07.6″N 87° 35′ 44.1″W
41° 53′ 07.6″N 87° 36′ 23.2″W
41° 53′ 26.5″N 87° 36′ 24.6″W
41° 53′ 26.5″N 87° 35′ 44.1″W
Note: Area extends beyond chart border

(Page 29)
Add "SAFETY ZONE 165.931 (see note A)" area bound by purple dashed line [N1.2] joining
41° 53′ 08″N 87° 36′ 23″W
41° 53′ 27″N 87° 36′ 25″W
41° 53′ 27″N 87° 35′ 27″W
41° 53′ 08″N 87° 35′ 26″W
(NOS)

14927 25Ed. 8/06 LAST NM 37/13 47/13
Add "SAFETY ZONE 165.931 (see note A)" area bound by purple dashed line [N1.2] joining
41° 53′ 08″N 87° 36′ 23″W
41° 53′ 27″N 87° 36′ 25″W
41° 53′ 27″N 87° 35′ 27″W
41° 53′ 08″N 87° 35′ 26″W
(NOS)

★14928 23Ed. 9/11 LAST NM 12/13 47/13
Add "SAFETY ZONE 165.931 (see note A)" area
bound by purple dashed line [N1.2] joining
41° 53′ 07.6″N 87° 36′ 23.2″W
41° 53′ 26.5″N 87° 36′ 24.6″W
41° 53′ 26.5″N 87° 35′ 26.5″W
41° 53′ 07.6″N 87° 35′ 26.3″W
(NOS)

★14930 26Ed. 11/12 LAST NM 14/13 47/13
Delete Depth 13 feet 42° 06′ 43.7″N 86° 28′ 56.4″W

Change Legend to "21 FEET JUN 2013"
42° 06′ 58.1″N 86° 29′ 46.8″W
Legend to "13 FEET AUG 2012 - JUN 2013"
42° 06′ 49.1″N 86° 29′ 13.1″W
Legend to "15 ½ FEET MAY 2013"
42° 06′ 47.9″N 86° 28′ 27.5″W
Legend to "12 ½ FEET MAY 2013"
42° 06′ 48.0″N 86° 28′ 17.0″W

Add Depth 11 feet 42° 06′ 43.3″N 86° 28′ 51.1″W
Depth 7 feet 42° 06′ 42.7″N 86° 28′ 37.2″W
(NOS)

★14970 26Ed. 8/04 LAST NM 31/13 47/13
Add Chartlet, depicting changes in hydrography,
from Subsection I-2 46° 32′ 29.0″N 87° 22′ 43.0″W
(NOS)

18421 51Ed. 5/13 LAST NM 41/13 47/13
Change Light "A" to range light, front Fl G 2s (Priv)
48° 30′ 35″N 122° 34′ 54″W

Add Range light, rear Iso G 4s (Priv)
48° 30′ 26″N 122° 34′ 40″W

Range line extending in 134° 06′ direction
from above rear light
dashed for 1500 yards, thence
solid for 2000 yards
(43/13 CG13)

18423 38Ed. 10/11 LAST NM 42/13 47/13
(Page A)
Change Light "A" to range light, front Fl G 2s (Priv)
48° 30′ 35″N 122° 34′ 54″W

Add Range light, rear Iso G 4s (Priv)
48° 30′ 26″N 122° 34′ 40″W

Range line extending in 134° 06′ direction
from above rear light
dashed for 1500 yards, thence
solid for 2000 yards
(43/13 CG13)

★18427 24Ed. 5/13 LAST NM 33/13 47/13
Change Light "A" to range light, front Fl G 2s (Priv)
48° 30′ 35.1″N 122° 34′ 54.1″W

Add Range light, rear Iso G 4s (Priv)
48° 30′ 25.9″N 122° 34′ 40.1″W

Range line extending in 134° 06′ direction
from above rear light
dashed for 1500 yards, thence
solid for 2000 yards
(43/13 CG13)

18440 30Ed. 10/10 LAST NM 45/13 47/13
Add "RESTRICTED AREA 334.1244 (see note A)"
bound by shore and purple composite line
[N2.1] joining 47° 33.9′ N 122° 31.9′ W
47° 33.6′ N 122° 31.8′ W
47° 33.5′ N 122° 32.1′ W
47° 33.8′ N 122° 32.3′ W
(NOS)

18445 34Ed. 4/12 LAST NM 46/13 47/13
(Page A)
Add "RESTRICTED AREA 334.1244 (see note A)"
bound by shore and purple composite line
[N2.1] joining 47° 33′ 55″N 122° 31′ 55″W
47° 33′ 37″N 122° 31′ 50″W
47° 33′ 32″N 122° 32′ 06″W
47° 33′ 46″N 122° 32′ 16″W
(NOS)

18448 35Ed. 4/12 LAST NM 45/13 47/13
Add "RESTRICTED AREA 334.1244 (see note A)"
bound by shore and purple composite line
[N2.1] joining 47° 33′ 55″N 122° 31′ 55″W
47° 33′ 37″N 122° 31′ 50″W
47° 33′ 32″N 122° 32′ 06″W
47° 33′ 46″N 122° 32′ 16″W
(NOS)

★18449 19Ed. 5/11 LAST NM 46/13 47/13
Add "RESTRICTED AREA 334.1244 (see note A)"
bound by shore and purple composite line
[N2.1] joining 47° 33′ 55.0″N 122° 31′ 55.0″W
47° 33′ 37.0″N 122° 31′ 50.0″W
47° 33′ 32.0″N 122° 32′ 06.0″W
47° 33′ 46.0″N 122° 32′ 16.0″W
(NOS)

18474 9Ed. 5/11 LAST NM 46/13 47/13
Add "RESTRICTED AREA 334.1244 (see note A)"
bound by shore and purple composite line
[N2.1] joining 47° 33′ 55.0″N 122° 31′ 55.0″W
47° 33′ 37.0″N 122° 31′ 50.0″W
47° 33′ 32.0″N 122° 32′ 06.0″W
47° 33′ 46.0″N 122° 32′ 16.0″W
(NOS)

★18480 32Ed. 1/13 LAST NM 27/13 47/13
(Inset)
Change Light to "3" Iso 6s 27ft 2M, Fl G 4s 27ft 4M
47° 54′ 27.1″N 124° 38′ 40.6″W
Note: Sectors remain unchanged
(44/13 CG13)

★18521 74Ed. 8/09 LAST NM 46/13 47/13
Relocate Light "6" from
46° 11′ 50.4″N 123° 45′ 06.8″W to
46° 11′ 48.6″N 123° 45′ 05.6″W
and change height to 24ft
(42/13 CG13)

★18523 57Ed. 5/10 LAST NM 46/13 47/13
Delete Light "23" 46° 14′ 18.0″N 123° 32′ 49.3″W
(42/13 CG13)

★18525 37Ed. 6/12 LAST NM 46/13 47/13
Delete Buoy "2" 45° 42′ 38.1″N 122° 45′ 41.1″W
(44/13 CG13)

★18532 21Ed. 5/06 LAST NM 18/13 47/13
(Inset)
Add Beacon W Or (Priv) 45° 36′ 12.3″N 121° 10′ 40.3″W
(43/13 CG13)

22052 7Ed. 2/7/04 LAST NM 37/13 47/13
Relocate Buoy "27" from
3° 50′ 07.0″N 77° 08′ 47.0″W to
3° 50′ 14.0″N 77° 08′ 47.7″W
Buoy "Norling" from
3° 48′ 04.3″N 77° 16′ 27.3″W to
3° 48′ 01.9″N 77° 16′ 18.6″W
(See 7/13-22052)

Change Period of buoy "6" to 3s 3° 47′ 35.0″N 77° 16′ 24.9″W
(147, 148, 155/13 Bogota)

22055 1Ed. 10/7/06 LAST NM 36/13 47/13
Relocate Buoy "27" from 3° 50′ 07″N 77° 08′ 47″W to
3° 50′ 14″N 77° 08′ 48″W
(See 7/13-22055)

Change Period of buoy "6" to 3s 3° 47′ 35″N 77° 16′ 25″W
(147, 148/13 Bogota)

24050 12Ed. 10/20/12 LAST NM N27/13 N47/13
Add Buoy Y, pillar, "X" topmark, Fl Y 3s
34° 45.7′ S 56° 32.3′ W
(10(93)13 Montevideo)

24055 7Ed. 12/8/12 LAST NM N45/13 N47/13
Add Buoy Y, pillar, "X" topmark, Fl Y 3s
34° 45.7′ S 56° 32.3′ W
(10(93)13 Montevideo)

24444 2Ed. 11/24/84 LAST NM 39/13 47/13
Add Buoy (mooring) [Q41] Y, Fl Y 4s with legend
"Buoys (2)" 11° 56′ 41″N 66° 40′ 01″W
(52, 53/13 Caracas)

24486 1Ed. 12/1/07 LAST NM 27/13 47/13
Add Buoy RW, pillar, ball topmark, Iso 4s [Q130.5]
8° 03′ 28″N 76° 44′ 38″W
(142/13 Bogota)

24507 1Ed. 11/18/06 LAST NM 43/13 47/13
Change Period of buoy "30" to 3s 10° 22′ 42″N 75° 31′ 58″W
(137/13 Bogota)

24509 3Ed. 5/1/10 LAST NM 43/13 47/13
Change Period of buoy "30" to 3s 10° 22′ 42.0″N 75° 31′ 58.9″W
(137/13 Bogota)

24510 3Ed. 4/24/10 LAST NM 43/13 47/13
Change Period of buoy "30" to 3s 10° 22′ 41.5″N 75° 31′ 58.9″W
(137/13 Bogota)

24517 2Ed. 6/10/95 LAST NM 27/13 47/13
Add Buoy RW, pillar, ball topmark, Iso 4s [Q130.5]
8° 03′ 27.5″N 76° 44′ 37.9″W
(142/13 Bogota)

25017 6Ed. 3/3/07 LAST NM N46/13 N47/13
Substitute Dangerous wreck [K28] (PA) for wreck
18° 20.3′ N 65° 09.0′ W
(NOS)

25650 36Ed. 12/11 LAST NM 43/13 47/13
Substitute Dangerous wreck [K28] (PA) for wreck
18° 26′ 58″N 65° 45′ 00″W
Dangerous wreck [K28] (PA) for wreck
18° 20′ 18″N 65° 09′ 00″W
(NOS)

28082 19Ed. 10/2/10 LAST NM 27/11 47/13
Add Submarine cable [L30.1] joining
11° 59′ 54.6″N 83° 42′ 21.7″W
11° 59′ 11.5″N 83° 42′ 21.2″W
11° 58′ 59.5″N 83° 42′ 16.3″W
11° 58′ 49.8″N 83° 42′ 05.2″W
11° 58′ 27.4″N 83° 41′ 05.4″W
11° 58′ 25.6″N 83° 40′ 59.0″W
11° 58′ 22.6″N 83° 40′ 58.3″W
11° 58′ 01.1″N 83° 40′ 06.2″W
11° 57′ 50.6″N 83° 39′ 41.9″W
11° 57′ 47.3″N 83° 39′ 32.8″W
11° 56′ 33.8″N 83° 36′ 45.0″W

Submarine cable [L30.1] joining
11° 59′ 53.1″N 83° 42′ 16.3″W
11° 59′ 16.9″N 83° 42′ 18.2″W
11° 59′ 00.7″N 83° 42′ 10.4″W
11° 58′ 52.3″N 83° 41′ 51.3″W
11° 58′ 32.1″N 83° 40′ 47.5″W
11° 58′ 27.6″N 83° 37′ 17.7″W
11° 58′ 37.5″N 83° 36′ 00.0″W
(NTM0001/2013)

28110 2Ed. 9/15/01 LAST NM 6/12 47/13
Add Submarine cable [L30.1] joining 11° 59.9′ N 83° 42.4′ W
11° 59.0′ N 83° 42.3′ W
11° 57.0′ N 83° 37.6′ W
11° 56.0′ N 83° 36.0′ W
11° 50.0′ N 83° 34.3′ W

Submarine cable [L30.1] joining 11° 58.5′ N 83° 40.8′ W
11° 58.5′ N 83° 37.3′ W
11° 59.5′ N 83° 33.0′ W
12° 01.8′ N 83° 23.0′ W
12° 04.2′ N 83° 20.1′ W
(NTM0001/2013)

44319 3Ed. 5/1/10 LAST NM 40/13 47/13
Add Depth 89 meters Wk [K26] 59° 23.3′ N 23° 11.6′ E
(10(230)13 Tallinn)

44320 4Ed. 9/21/96 LAST NM 42/13 47/13
Add Depth 89 meters Wk [K26] 59° 23.3′ N 23° 11.6′ E
(10(230)13 Tallinn)

44340 12Ed. 2/2/08 LAST NM 42/13 47/13
Add Depth 89 meters Wk [K26] 59° 23.3′ N 23° 11.6′ E
Depth 58 meters Wk [K26] 59° 38.3′ N 24° 34.5′ E
(10(205, 230)13 Tallinn)

44352 4Ed. 12/1/12 LAST NM N42/13 N47/13
Delete Harbormaster's office symbol 59° 33′ 30″N 24° 32′ 44″E

Add Depth 58 meters Wk [K26] 59° 38′ 18″N 24° 34′ 30″E
(10(205, 215)13 Tallinn)

44400 5Ed. 1/23/10 LAST NM 42/13 47/13
Change Legend "343° 06′ -163° 06′ " to "343° 12′ -
163° 12′ " 58° 49.2′ N 23° 13.0′ E

Add Position circle "Wind farm" [E26.2] 58° 09.8′ N 22° 13.3′ E
Position circle "Wind farm" [E26.2] 57° 59.2′ N 22° 01.4′ E
Position circle "Wind farm" [E26.2] 57° 55.8′ N 22° 05.1′ E
Stranded wreck [K24] 57° 58.0′ N 22° 12.3′ E
Dangerous wreck [K28] 58° 23.3′ N 21° 58.2′ E
Designation "A" to buoy 57° 20.2′ N 23° 11.9′ E
(10(155)13 Riga; 10(222, 227, 228, 232)13 Tallinn)

44401 9Ed. 11/26/11 LAST NM N43/13 N47/13
Delete Light 57° 03′ 15.5″N 24° 01′ 53.0″E
(10(153)13 Riga)

44410 5Ed. 8/7/10 LAST NM 42/13 47/13
Add Position circle "Wind farm" [E26.2] 57° 59.2′ N 22° 01.4′ E
Position circle "Wind farm" [E26.2] 57° 55.8′ N 22° 05.1′ E
Position circle "Wind farm" [E26.2] 58° 09.8′ N 22° 13.3′ E
Stranded wreck [K24] 57° 58.0′ N 22° 12.3′ E
Dangerous wreck [K28] 58° 23.3′ N 21° 58.2′ E
(10(227, 228, 232)13 Tallinn)

44442 1Ed. 6/27/09 LAST NM N43/13 N47/13
Add Depth 15 meters Rk [K14.2] 56° 31′ 40.2″N 20° 49′ 30.6″E

Depth 14.6 meters Rk [K14.2]
56° 32′ 07.2″N 20° 50′ 00.0″E
(10(164, 165)13 Riga)

44445 1Ed. 5/23/09 LAST NM N25/12 N47/13
Add Light "No 39" Fl G 2s 7m 1M
57° 23′ 44.2″N 21° 32′ 20.7″E
(See N24/10-44445)
(10(160, 186)13 Riga)

54441 6Ed. 5/4/96 LAST NM 42/13 47/13
Add Wreck [K29] 36° 32′ 37″N 34° 49′ 12″E
(34(216)13 Istanbul)

54480 9Ed. 12/29/12 LAST NM N42/13 N47/13
Add Wreck [K29] 36° 32.6′ N 34° 49.2′ E
(34(216)13 Istanbul)

55043 2Ed. 10/19/96 LAST NM 48/12 47/13
(Plan D)
Add Buoy Y, spherical, "X" topmark, Fl(3) Y 10s [Q130.6] 40° 25′ 13″N 29° 06′ 50″E
(40(251)13 Istanbul)

55085 9Ed. 9/21/96 LAST NM 26/13 47/13
Add Buoy Y, pillar, "X" topmark, Fl Y 5s [Q130.6] 46° 33.3′ N 31° 02.9′ E
(36(224)13 Istanbul)

55130 2Ed. 2/8/97 LAST NM 44/13 47/13
Add Buoy Y, pillar, "X" topmark, Fl Y 5s [Q130.6] 46° 33.3′ N 31° 02.9′ E
(36(224)13 Istanbul)

55205 1Ed. 12/24/05 LAST NM 30/13 47/13
Add Danger circle "Obstn" [K40] 45° 19′ 43″N 36° 34′ 24″E
(37(229)13 Istanbul)

56031 1Ed. 8/1/92 LAST NM 44/13 47/13
Add Wreck [K29] 36° 32.6′ N 34° 49.2′ E
(34(216)13 Istanbul)

62032 16Ed. 2/1/03 LAST NM 46/13 47/13
Add Depth 16 meters Wk (unsurveyed) [K30] 25° 01.6′ N 53° 12.6′ E
(34(3715)13 Taunton)

62033 3Ed. 2/1/03 LAST NM N46/13 N47/13
Add Depth 16 meters Wk (unsurveyed) [K30] 25° 01.6′ N 53° 12.6′ E
(34(3715)13 Taunton)

62230 3Ed. 12/17/05 LAST NM 36/12 47/13
Add Depth 10 meters "Rep (2013)", blue tint and enclosing dotted-line circle centered [I3.2] 27° 37.5′ N 35° 26.3′ E
(40(4253)13 Taunton)

62360 5Ed. 3/11/95 LAST NM 44/13 47/13
Add Light Fl R 5s 6m 5M 24° 22.9′ N 56° 44.6′ E
(2(3)11 Muscat; UKHO LL)

62361 2Ed. 6/15/96 LAST NM N44/13 N47/13
Add Light Fl R 5s 6m 5M 24° 22.9′ N 56° 44.6′ E
(2(3)11 Muscat; UKHO LL)

62400 17Ed. 9/23/95 LAST NM 10/13 47/13
Add Depth 10 meters Wk [K26] 25° 24′ 08″N 55° 16′ 11″E
(See 34/06-62400)
(40(4276)13 Taunton)

62405 8Ed. 3/18/00 LAST NM 44/13 47/13
Add Depth 10 meters Wk [K26] 25° 24′ 08.4″N 55° 16′ 11.4″E
(40(4276)13 Taunton)

62406 3Ed. 3/2/13 LAST NM N21/13 N47/13
Add Depth 10 meters Wk [K26] 25° 24′ 08″N 55° 16′ 11″E
(40(4276)13 Taunton)

62407 5Ed. 3/25/95 LAST NM 10/12 47/13
Add Depth 16 meters Wk (unsurveyed) [K30] 25° 01′ 37″N 53° 12′ 35″E
(34(3715)13 Taunton)

62408 7Ed. 5/6/95 LAST NM 21/13 47/13
Add Depth 16 meters Wk (unsurveyed) [K30] 25° 01′ 37″N 53° 12′ 35″E
(34(3715)13 Taunton)

62440 8Ed. 3/1/03 LAST NM 46/13 47/13
Add Depth 16 meters Wk (unsurveyed) [K30] 25° 01′ 37″N 53° 12′ 35″E
(34(3715)13 Taunton)

62460 5Ed. 10/29/11 LAST NM 6/13 47/13
Add Depth 10 meters Wk [K26] 25° 24′ 08″N 55° 16′ 11″E
(40(4276)13 Taunton)

62480 2Ed. 3/1/03 LAST NM 46/13 47/13
Change Light to Fl 10s 18M 25° 50.0′ N 57° 18.3′ E
Light to Fl(3) 12s 5M 24° 09.2′ N 56° 54.6′ E

Add Depth 16 meters Wk (unsurveyed) [K30] 25° 01.6′ N 53° 12.6′ E

Depth 10 meters Wk [K26] 25° 24.1′ N 55° 16.2′ E
Light Fl R 5s 24° 22.9′ N 56° 44.6′ E
(2(3)11 Muscat; 34(3715), 40(4276)13 Taunton; UKHO LL)

62498 5Ed. 6/5/10 LAST NM N45/13 N47/13
Add Depth 10 meters Wk [K26] 25° 24′ 08″N 55° 16′ 11″E
(40(4276)13 Taunton)

62510 3Ed. 2/1/03 LAST NM 18/13 47/13
Add Depth 10 meters Wk [K26] 25° 24.1′ N 55° 16.2′ E
(40(4276)13 Taunton)

62512 3Ed. 2/1/03 LAST NM N18/13 N47/13
Add Depth 10 meters Wk [K26] 25° 24.1′ N 55° 16.2′ E
(40(4276)13 Taunton)

★**62520** 6Ed. 3/15/03 LAST NM 46/13 47/13
Add Platform [L10] 26° 53.8′ N 52° 18.5′ E

Depth 16 meters Wk (unsurveyed) [K30] 25° 01.6′ N 53° 12.6′ E
(34(3715)13 Taunton; NTM0017/2013)

62521 4Ed. 3/15/03 LAST NM N46/13 N47/13
Add Depth 16 meters Wk (unsurveyed) [K30] 25° 01.6′ N 53° 12.6′ E

Platform [L10] 26° 53.8′ N 52° 18.5′ E
(34(3715)13 Taunton; NTM0017/2013)

63320 8Ed. 7/23/94 LAST NM 37/13 47/13
Add Depth 1 meter Wk [K26] 21° 13.9′ N 88° 13.3′ E

Buoy "Bingo Wreck" YBY, conical, Q 21° 13.7′ N 88° 13.1′ E
(21(194)13 Dehra Dun)

63321 6Ed. 9/26/98 LAST NM 37/13 47/13
Add Depth 1 meter Wk [K26] 21° 13′ 52″N 88° 13′ 16″E

Buoy "Bingo Wreck" YBY, conical, Q 21° 13′ 40″N 88° 13′ 04″E
(21(194)13 Dehra Dun)

74163 1Ed. 3/17/06 LAST NM N11/13 N47/13
Add Buoy Y, spar, Fl Y 15s [Q130.6] 31° 40.9′ S 152° 54.6′ E
(See N8/13-74163)
(17(844)13 Wollongong; Aus CH 811)

74200 8Ed. 8/3/96 LAST NM 31/11 47/13
Delete Depth 18 meters 23° 49′ 48″S 152° 00′ 54″E
Depth 29 meters 23° 48′ 42″S 151° 58′ 24″E

Depth 30 meters and enclosing depth contour (30-meter) in vicinity 23° 55′ 18″S 152° 05′ 00″E

Add Depth 17.4 meters 23° 49′ 49″S 152° 00′ 26″E
(17(847)13 Wollongong)

74209 1Ed. 3/31/06 LAST NM N16/11 N47/13
Delete Depth 18 meters 23° 49′ 48″S 152° 00′ 54″E

Depth 29 meters and enclosing depth contour (30-meter) in vicinity 23° 48′ 42″S 151° 58′ 24″E
Depth 30 meters and enclosing depth contour (30-meter) in vicinity 23° 54′ 42″S 152° 05′ 42″E

(continued on next page)

74209 (Continued)
Depth 30 meters and enclosing depth contour (30-meter) in vicinity 23° 55′ 18″S 152° 05′ 00″E

Add Depth 17.4 meters 23° 49′ 49″S 152° 00′ 26″E
and extend depth contour (20-meter) N to enclose

Depth 36 meters 23° 55′ 01″S 152° 05′ 16″E
(17(847)13 Wollongong)

74223 1Ed. 3/31/06 LAST NM N12/07 N47/13
Delete Buoy 19° 18.3′ S 147° 37.3′ E
Note: Purple composite-line circle and legend "Historic Wreck (see Note)" remains

Add Depth 20 meters Wk (unsurveyed) [K30] (PA)
19° 26.8′ S 147° 46.3′ E
(17(846)13 Wollongong; Aus CH 826)

74243 1Ed. 5/26/06 LAST NM N43/13 N47/13
Delete Buoy 19° 18.3′ S 147° 37.3′ E
Note: Purple composite-line circle with legend "Historic Wk (see Note)" remains

Add Depth 20 meters Wk (unsurveyed) [K30] (PA)
19° 26.8′ S 147° 46.3′ E
(17(846)13 Wollongong; Aus CH 827)

93245 7Ed. 3/10/12 LAST NM N22/13 N47/13
Add Note
"NOTE
Island reported 0.16 nautical mile northeast of charted position (2013)." 12° 27′ 21″N 100° 57′ 30″E
(NTM0015/2013)

93260 9Ed. 10/8/11 LAST NM 40/13 47/13
Add Note
"NOTE
Island reported 0.16 nautical mile southwest of charted position (2013)." 12° 28′ 49″N 100° 56′ 38″E
(NTM0015/2013)

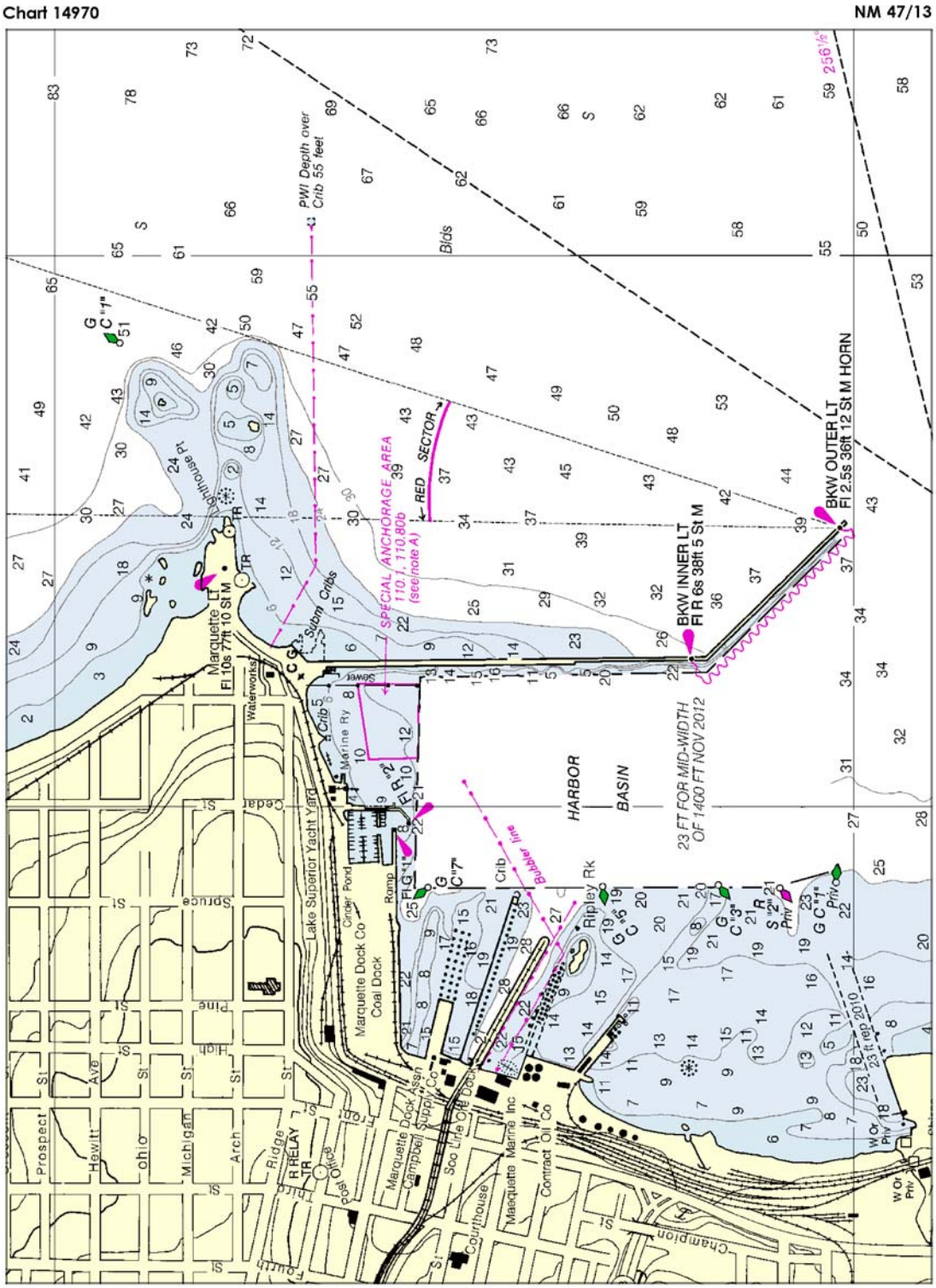


Chart 14970
NM 47/13
PWI Depth over Crib 55 feet
Blds
SPECIAL ANCHORAGE AREA 110.1, 110.80b (see note A)
RED SECTOR
BKW OUTER LT Fl 2.5s 36ft 12 St M HORN
BKW INNER LT Fl R 6s 38ft 5 St M
Marquette LT Fl 10s 77ft 10 St M
Lighthouse
Submr Cribs
Sewer
Marine Ry
Waterworks
Crib
HARBOR BASIN
23 FT FOR MID-WIDTH OF 1400 FT NOV 2012
Bubbler line
Ripley Rk
Lake Superior Yacht Yard
Cinder Pond
Ramp
Marquette Dock Co Coal Dock
Marquette Dock Assn
Campbell Supply Co
Soo Line Ore Dock
Marquette Marine Inc
Contract Oil Co
Courthouse
Post Office
R RELAY TR
Prospect
Hewitt
Ohio
Michigan
Arch
Ridge
Cedar St
Spruce St
Pine St
High St
Ave
Fourth St
Champion

Chart 11339 (Inset) NM 47/13

CALCASIEU PASS AND RIVER

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUN 2013

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW GULF (MLG)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLG (FEET)
BAR CHANNEL	36.5	39.6	39.6	27.3	4,6-13	800	26.3	42
JETTY CHANNEL TO (29°46'00.0"N, 93°20'43.0"W)	46.5	46.5	46.0	45.5	4,5-13	400	1.3	40
THENCE TO A POINT (29°52'00.0"N, 93°20'43.0"W)	34.4	38.6	39.3	35.0	5-13	400	6.0	40
THENCE TO A POINT (29°58'00.0"N, 93°20'10.0"W)	30.4	37.2	38.1	28.5	5-13	400	6.0	40
THENCE TO A POINT (30°04'00.0"N, 93°19'38.0"W)	31.2	37.1	35.3	27.8	5-13	400	6.0	40
THENCE TO A POINT (30°09'03.0"N, 93°19'57.0"W)	30.2	35.7	33.1	22.7	5-13	400	5.2	40
THENCE TO 210 BRIDGE	34.8	38.9	37.4	30.0	5-13	400	4.4	40
THENCE TO END OF 400 CHANNEL (30°13'08.0"N, 93°15'12.0"W)	34.9	39.0	38.1	32.6	5-13	400	2.1	40

INFORMATION IN THIS TABULATION HAS BEEN PROVIDED TO NOAA BY THE U.S. ARMY CORPS OF ENGINEERS.
DEPTHS ARE REFERENCED TO A REFERENCE DATUM CALLED MEAN LOW GULF. SEE NOTE H.

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11344 NM 47/13

CALCASIEU PASS AND RIVER

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUN 2013

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW GULF (MLG)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLG (FEET)
BAR CHANNEL	36.5	39.6	39.6	27.3	4,6-13	800	26.3	42
JETTY CHANNEL TO (29°46'00.0"N, 93°20'43.0"W)	46.5	46.5	46.0	45.5	4,5-13	400	1.3	40
THENCE TO A POINT (29°52'00.0"N, 93°20'43.0"W)	34.4	38.6	39.3	35.0	5-13	400	6.0	40

INFORMATION IN THIS TABULATION HAS BEEN PROVIDED TO NOAA BY THE U.S. ARMY CORPS OF ENGINEERS.
DEPTHS ARE REFERENCED TO A REFERENCE DATUM CALLED MEAN LOW GULF. SEE NOTE H.

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11347 (Side A) NM 47/13

CALCASIEU PASS AND RIVER

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUN 2013

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW GULF (MLG)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLG (FEET)
BAR CHANNEL	36.5	39.6	39.6	27.3	4,6-13	800	26.3	42
JETTY CHANNEL TO (29°46'00.0"N, 93°20'43.0"W)	46.5	46.5	46.0	45.5	4,5-13	400	1.3	40
THENCE TO A POINT (29°52'00.0"N, 93°20'43.0"W)	34.4	38.6	39.3	35.0	5-13	400	6.0	40
THENCE TO A POINT (29°58'00.0"N, 93°20'10.0"W)	30.4	37.2	38.1	28.5	5-13	400	6.0	40
THENCE TO A POINT (30°04'00.0"N, 93°19'38.0"W)	31.2	37.1	35.3	27.8	5-13	400	6.0	40
THENCE TO A POINT (30°09'03.0"N, 93°19'57.0"W)	30.2	35.7	33.1	22.7	5-13	400	5.2	40
THENCE TO 210 BRIDGE	34.8	38.9	37.4	30.0	5-13	400	4.4	40
THENCE TO END OF 400 CHANNEL (30°13'08.0"N, 93°15'12.0"W)	34.9	39.0	38.1	32.6	5-13	400	2.1	40

INFORMATION IN THIS TABULATION HAS BEEN PROVIDED TO NOAA BY THE U.S. ARMY CORPS OF ENGINEERS.
DEPTHS ARE REFERENCED TO A REFERENCE DATUM CALLED MEAN LOW GULF. SEE NOTE H.

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11347 (Side B, Inset) NM 47/13

CALCASIEU PASS AND RIVER

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUN 2013

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW GULF (MLG)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLG (FEET)
BAR CHANNEL	36.5	39.6	39.6	27.3	4,6-13	800	26.3	42
JETTY CHANNEL TO (29°46'00.0"N, 93°20'43.0"W)	46.5	46.5	46.0	45.5	4,5-13	400	1.3	40
THENCE TO A POINT (29°52'00.0"N, 93°20'43.0"W)	34.4	38.6	39.3	35.0	5-13	400	6.0	40
THENCE TO A POINT (29°58'00.0"N, 93°20'10.0"W)	30.4	37.2	38.1	28.5	5-13	400	6.0	40
THENCE TO A POINT (30°04'00.0"N, 93°19'38.0"W)	31.2	37.1	35.3	27.8	5-13	400	6.0	40
THENCE TO A POINT (30°09'03.0"N, 93°19'57.0"W)	30.2	35.7	33.1	22.7	5-13	400	5.2	40
THENCE TO 210 BRIDGE	34.8	38.9	37.4	30.0	5-13	400	4.4	40
THENCE TO END OF 400 CHANNEL (30°13'08.0"N, 93°15'12.0"W)	34.9	39.0	38.1	32.6	5-13	400	2.1	40

INFORMATION IN THIS TABULATION HAS BEEN PROVIDED TO NOAA BY THE U.S. ARMY CORPS OF ENGINEERS.
DEPTHS ARE REFERENCED TO A REFERENCE DATUM CALLED MEAN LOW GULF. SEE NOTE H.

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11477 NM N47/13

PORT CANAVERAL CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO APR 2013

CONTROLLING DEPTHS FROM SEAWARD IN METERS AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (METERS)	LENGTH (NAUT. MILES)	DEPTH MLLW (METERS)
OUTER REACH	12.1	11.7	11.5	11.2	4-13	122	4.7	13.4
MIDDLE REACH	12.4	11.7	11.6	11.1	4-13	122	0.9	13.4
INNER REACH	12.1	12.9	12.7	11.3	4-13	122	0.7	12.2

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 1/13 THROUGH NM 47/13

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.
11	2	31/13
13	1	31/13
14	4	31/13
21	4	13,34/13
22	1	13,34/13
50	7	34,43,45/13
53	2	43/13
62	3	11,18/13
100	1	31/13
106	1	18/13
120	6	30,31/13
121	5	31/13
124	10	30/13
126	39	31/13
200	3	4,9,21/13
201	2	21/13
204	4	17/13
211	5	13,34/13
400	3	43/13
401	5	43/13
411	54	44/13*
501	13	2,3,7,12,17,28,32,34,36, 42,45/13
502	2	3,12,17,34/13
506	2	29,31,41/13
507	2	13/13
508	2	40/13
509	4	10,13,34,36,42/13
510	3	41/13
513	7	43/13
514	7	21/13
520	127	45/13
521	11	43/13
522	87	41,42/13
523	8	43/13
524	12	41/13
525	3	41/13
526	10	41/13
530	33	3,11,17,28,32,34,36,38, 42,43,45/13
531	24	2,36/13
532	17	21,43/13
541	2	31/13
550	7	11,13,40/13
609	2	18/13
625	4	18/13
632	8	16/13
700	4	40/13
702	5	29,35,46/13
707	2	31/13
800	4	21/13
803	1	21/13
1113A		21*,35,36,37,46/13
1114A		37,46/13
1115A		1,2,3,5,9,14,20,27,35,40, 42,47/13
1116A		23*,25,27,30,32,33,35, 37,40,43,44,47/13
1117A		5,13,14,17,21,37,43, 47/13
11004	8	13,14,21,27,32,33,42,43, 47/13
11006	34	44/13*
11009	39	6,8,40,44/13
11013	48	8,14,23,30,36/13
11299	1	N1,N5,N6/13
11300	43	5,13,14,17,21,37,43, 47/13
11301	25	9,26,37,40,43,47/13
11302	33	9,26,37/13
11305	2	N6,N13,N26/13
11307	38	5/13
11309	41	1,5,6,13,26/13
11310	2	N1,N6,N26/13
11311	24	6,13,33/13
11312	5	1,5,6,13,26/13
11313	24	5,9/13
11314	25	5/13
11316	42	1,5,9/13
11317	32	1,5,21/13
11318	2	N6,N13,N26/13
11319	34	5/13
11320	1	N5/13
11321	30	9,33/13
11323	64	1,2,6,13,14,17,26,27,40, 47/13
11324	38	36/13*
11325	40	17*,26,30/13
11326	38	1,2,14,33,35,37,47/13
11327	36	7*,26,47/13
11328	27	13*,26,33,35/13
11329	38	9,26,33,35/13
11330	22	28*,35,44/13
11331	21	37/13
11332	33	13*,21,25,26,27,37/13
11339	4	18*,26,27,33,43,47/13
11340	77	26*,27,30,32,33,35,37, 40,43,44,47/13
11341	44	22*,25,26,37,43,47/13
11342	55	2*,13,14,18,26,37/13
11343	38	13,26,37/13
11344	39	9,13,18,20,25,26,43, 47/13
11345	35	25/13
11346	4	3,20,26,32,37,40,42/13
11347	40	25*,27,33,43,44,47/13
11348	23	23*,43/13
11349	45	2,3,4,6,9,13,15,18,27,35, 37,40/13
11351	43	1,5,13/13
11352	42	3,27,40/13
11353	6	14,27/13
11355	30	38/13*
11356	40	36*,37,40,44,47/13
11357	42	1,2,3,9,15,21,27,33,37, 40,42,43,44,47/13
11358	57	1,6,20,32,33,37,40,43/13
11360	44	1,2,3,5,9,14,20,27,35,40, 42,47/13
11361	77	27*,40,42,44/13
11362	5	N1,N2,N3,N5,N9,N14, N20,N27,N35,N40,N42, N47/13
11363	44	17*,20,27,30/13
11365	23	8*,20,27,37/13
11366	15	2,3,5,9,14,20,27,30,32, 33,35,37,40,42,43,47/13
11367	36	27/13
11368	25	27/13
11370	28	3,13,17,20,27,37,44/13
11371	40	27/13
11372	35	27,30,33/13
11373	50	9,14,20,27,30,33,37, 42/13
11374	36	20,27,30,42/13
11375	38	27,42/13
11376	56	21/13*
11377	10	12/13*
11378	38	27/13*
11382	42	3/13*
11383	53	1/13
11384	37	3/13*
11389	34	26/13
11390	25	40/13
11391	25	12/13*
11393	22	8*,26/13
11400	36	37,46/13
11401	31	10/13*
11402	22	31/13*
11404	24	4/13*
11407	19	7/13*
11409	30	43/13*
11411	19	31*,32/13
11412	46	36/13*
11415	10	34/13*
11416	12	34*,43,44/13
11420	30	21*,35,36,37,46/13
11423	8	N36,N37,N46/13
11424	20	17,46/13
11425	39	31*,32,46/13
11426	38	1,43/13
11427	35	1,43/13
11428	36	35/13*
11429	23	36/13
11430	27	36/13
11434	29	38/13*
11438	14	11/13*
11439	27	25*,36/13
11441	42	22*,27,29,35,36/13
11442	36	6*,16,35,36/13
11445	31	16/13
11446	33	18*,27,29,35,36/13
11447	38	39/13*
11449	17	1/13
11450	11	5,30/13
11451	35	1,5,8,11,16,30/13
11452	22	16/13
11453	17	16/13
11460	43	5,8,15,30/13
11461	5	5,14,30/13
11462	27	18*,30/13
11463	19	10*,30/13
11464	17	1,5/13
11465	39	8,11,16,30/13
11466	39	6,15,16,29/13
11467	43	5,15,16,17,44,46/13
11468	43	5,16/13
11469	9	15/13
11470	39	5,15,44,46/13
11471	1	N5,N15/13
11472	35	6,15,29,40,44/13
11473	1	N15,N17/13
11474	11	8/13
11475	19	29,37/13
11476	22	1,40/13
11477	6	N8,N28,N29,N47/13
11478	23	20*,27,29,46,47/13
11479	6	N43/13*
11480	41	8,11,26,32,36,44/13
11481	8	28*,46,47/13
11482	1	N5/13
11484	24	1/13
11485	36	1,11/13
11488	28	1,11,36/13
11489	39	1,6,8,17,26,29,32,35,36, 44,47/13
11490	20	26,29,32/13
11491	38	26,32/13
11492	21	17/13
11493	10	N8,N16/13
11494	9	N6,N8,N16,N35/13
11496	11	N45/13*
11502	33	44,47/13
11503	45	25*,35/13
11504	18	17,44,47/13
11505	4	6,11,16,26,27,32,35, 36/13
11506	45	6,11,16,27,29,35/13
11507	34	17,26/13
11509	32	8,26,32,36/13
11510	20	26/13
11512	63	28*,32,35,36/13
11513	26	16,36/13
11514	30	6,11,16,27,35/13
11516	31	17,35/13
11518	38	16,17/13
11520	44	6/13
11521	30	6,22,35,43,46/13
11522	21	43/13
11523	25	6,17,22,35,46/13
11524	53	6,8,11,16,17,22,27,35, 37/13
11525	8	N35*,N47/13
11527	18	8,16,25/13
11532	22	3*,6,8,27,35,36/13
11534	37	36,40/13
11536	19	11/13
11537	39	24*,28,40,42/13
11541	40	19*,32,47/13
11542	18	34/13*
11543	24	3*,32,47/13
11544	40	6/13
11545	65	27*,42,47/13
11547	38	12,21,24,28,32,42,47/13
11550	30	3/13*
12200	50	1,7,8,11,17,23,24,31,34, 40/13
12201	27	N39*,N40/13
12204	38	10*,17/13
12205	33	17,31,41,44,47/13
12206	34	16*,22/13
12207	23	17*,31,41,44/13
12208	16	39*,47/13
12210	39	39/13*
12211	45	27*,34/13
12214	49	8/13
12221	81	7,17,20,27,44,46,47/13
12222	54	25*,27,30,44,45,47/13
12224	25	20,27/13
12225	60	4,7,8,20/13
12226	18	7,20/13
12228	33	4/13
12230	66	25*,39,46/13
12231	29	4,39/13
12233	37	4,11,27,44,46/13
12235	33	8/13
12237	27	8/13
12238	40	7,17,27/13
12241	22	7,17,27,32/13
12243	14	32/13
12245	68	34/13*
12248	43	12*,44/13
12251	24	38/13*
12252	25	13*,34,43,44/13
12253	47	22/13
12254	49	27,30,45,47/13
12255	17	30,45/13
12256	17	27,30,45/13
12261	30	10*,27/13
12263	56	4,25,27,46/13
12264	31	13*,27/13
12266	30	4/13
12270	35	25,46/13
12272	32	34/13*
12273	58	4,9,12,27,43,46/13
12274	36	27,43/13
12277	35	14,27,43/13
12278	78	3*,12,14,27,32,46/13
12280	10	4,7,9,11,12,20,27,39,44, 46,47/13
12281	54	4,14,32,42,44,46/13
12282	36	46/13
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	23	N47/13*
12304	46	8,26,42/13
12311	46	8,9,14,25,34,42,43/13
12312	56	7,8,9,13,25,41,43/13
12313	53	7,9,13,42,43/13
12314	33	13,18,42/13
12316	35	39/13
12318	45	12,14,23,24,25,39,40/13
12323	26	10*,12,14,23,34,40,42/13
12324	35	9,12,23,34,42/13
12326	52	34*,35/13
12327	105	4,13,18,25,27,28,29,32, 35,39,41/13
12331	32	4,28,39/13
12332	24	36/13*
12333	37	11*,13,19,28,32/13
12334	71	3,25,27,28,32,41/13
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	12	43/13*
12350	60	35/13
12353	19	8/13
12354	44	1,11,13,17,18,25,35, 45/13
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	36	44*,45/13
12373	15	1,11/13
12374	14	11/13
12375	22	45/13
12401	11	18/13
13003	51	3,8,11,14,16,17,23,24,25, 34,40,45/13
13006	36	3,8,11,14,16,20,32,45/13
13009	35	8,11,16,20,32,36,45/13
13200	38	11,45/13
13201	12	N44*,N45/13
13203	14	27/13*

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 1/13 THROUGH NM 47/13

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.
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
13217	17	43/13*
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	4,43/13
13233	19	11,43/13
13235	7	4,43/13
13237	42	27/13*
13238	16	43/13
13241	17	27,43/13
13242	18	25,27/13
13244	41	43/13
13260	41	8,16,20,32,45/13
13263	9	N39*,N45/13
13267	35	4,16,35,41,45/13
13270	64	35,40,41/13
13272	52	10,25,28,35,40/13
13274	28	11,16,17,35,41/13
13275	31	4,11/13
13276	23	4,11/13
13278	28	43/13*
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	5	44/13*
13396	6	6*,17/13
13398	4	7/13*
14003	6	1,23/13
14500	27	20/13
14786	14	31,42/13
14800	10	1,31,45/13
14802	31	37/13
14803	27	31/13
14804	24	1,31/13
14806	24	45/13
14810	5	45/13
14813	21	31,42/13
14814	25	1/13
14815	23	31/13
14816	24	45/13
14820	21	1,2,33,37/13
14822	32	15,33,42,43,45/13
14823	31	9/13*
14830	32	1,2,35,37/13
14832	35	20*,40,42,43/13
14833	27	9*,15,33,40,42,43/13
14835	33	1/13*
14838	4	33,42,43/13
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	20,35,45/13
14854	14	20,45/13
14860	36	29,33,42,47/13
14862	28	12/13
14863	31	5/13
14864	27	29,33,35,42,47/13
14867	27	16*,45,47/13
14869	26	29,33,35,42,47/13
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*,29,34,37,40,43/13
14905	31	34,37,45/13
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	35,45/13
14922	20	20,45/13
14924	29	9*,37,43,46/13
14925	23	2/13
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14927	25	37,47/13
14928	23	12,47/13
14929	25	12,46/13
14930	26	6*,14,47/13
14932	23	46/13
14934	29	25,30/13
14937	24	6,46/13
14938	24	12,34/13
14961	12	31,33,43/13
14962	20	43/13
14963	20	43/13
14964	21	33,35/13
14966	27	31,40/13
14970	26	31,47/13
14972	26	12,33/13
14975	35	1,40,44/13
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15881		N33/13
16003	17	21/13
16005	10	5,21/13
16006	35	21,30,33,37/13
16011	38	30,33,37,43/13
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
16500	10	43/13
16520	23	30/13
16529	16	41/13
16530	7	41/13
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	3,7,14,16,17,35,43/13
18002	8	N12*,N14,N16,N17, N20,N26,N35,N39,N41, N43/13
18003	20	2,20,24,27,31,36,42, 45/13
18005	6	N12*,N17,N32,N34, N38,N40/13
18006	5	N13/13*
18007	33	2,20,27,28,31,34,36,40, 42,45/13
18008	8	N2,N20,N28,N31,N34, N36,N42,N45/13
18009	4	N12*,N33,N34,N40/13
18010	22	12,18,27,28,31,33,34,40, 42/13
18013	2	N14/13
18020	39	3,7,11,12,14,16,17,20,28, 32,34,35,38,39,40,41/13
18022	36	3,7,11,12,14,16,17,20,26, 27,32,33,34,35,38,39,40, 41,43/13
18400	49	2,6,24,27,33/13
18421	51	27*,33,40,41,47/13
18423	38	2,20,24,26,27,30,32,33, 40,41,42,47/13
18424	28	2/13
18427	24	27*,33,47/13
18428	10	26,42/13
18429	10	24,33/13
18430	9	2/13
18433	6	40/13
18434	7	40,41/13
18440	30	2,20,27,30,32,38,40,42, 45,47/13
18441	47	20,27,30,32,38,42,46/13
18444	17	46/13
18445	34	2,24,25,30,38,40,42,45, 46,47/13
18446	18	27,38/13
18448	35	2,38,40,45,47/13
18449	19	20,24,25,30,40,46,47/13
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
18473	8	42/13
18474	9	2,24,25,30,40,45,46, 47/13
18477	5	42/13
18480	32	12*,27,47/13
18484	12	2/13
18485	17	12*,27,30/13
18500	30	2,20,24,32,33,42/13
18502	87	6,24,32,33,35,40/13
18520	27	10,19,20,24,42,45/13
18521	74	4,6,20,31,32,35,36,40,42, 46,47/13
18523	57	4,26,31,35,42,46,47/13
18524	37	4,31,38,41,42,46/13
18525	37	2,4,18,20,31,38,40,46, 47/13
18526	60	2,4,18,31,38,40,46/13
18528	11	26/13
18531	23	4,18,19,20,31,45,46/13
18532	21	18,47/13
18539	9	19/13
18542	10	41/13
18543	2	41,46/13
18558	39	6,24,39/13
18561	13	10/13
18580	22	19,31,45/13
18581	19	6,32/13
18583	40	4,39,41/13
18584	48	6,8,10,19,32,35,45/13
18587	71	6,10,24,26,31,38,42/13
18588	37	11,26,33/13
18600	15	11,18,34/13
18602	13	41/13
18603	17	34/13
18605	13	18,19/13
18620	24	18,20,28,42/13
18622	55	26,27,42,43/13
18623	12	28/13
18640	26	32*,33,40/13
18645	28	33*,40/13
18647	16	26/13
18649	68	35*,39,40,42,45,46/13
18650	56	5,9,11,12,16,21,31,33,35, 39,40,42,46/13
18652	36	4,5,9,11,12,16,17,21,27, 28,31,33,35,39,40,42,43, 45,46/13
18653	12	7*,18,21,27,35,39,45/13
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	28,43/13
18661	30	11,28,43/13
18662	22	16/13
18663	6	11/13
18666	1	21,35/13
18680	32	33*,34,43/13
18685	34	33,43/13
18700	22	17,22,32,38/13
18703	26	21*,27,32,38,45/13
18704	13	38,45/13
18720	34	38*,39/13
18721	12	7,14,17,22,30,31,40/13
18724	3	36*,39,43/13
18725	30	32*,39/13
18728	9	26/13
18729	13	26/13
18730	2	N3/13
18740	44	39*,40,41,42,43,45/13
18741	20	N13*,N16,N23,N27, N28,N41,N43/13
18746	39	37*,40,41,42,43/13
18749	43	8,12,19,20,28,31,32,40, 42/13
18751	46	12,19,20,28,40/13
18754	19	11,43/13
18755	10	27/13
18757	11	28/13
18758	7	9/13
18760	8	N12*,N14,N16,N20, N26,N27,N28,N33,N35, N39,N41,N43/13
18761	3	N12/13
18762	16	11,12/13
18763	11	11,12/13
18765	17	6,11,12,16,23,28,43/13
18766	7	6,11,16,23,28,43/13
18768	6	N12*,N16,N23,N28, N43/13
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18772	48	8,11,23,38,43/13
18773	43	5,9,11,23,38,43/13
18774	12	3,9,28,41/13
18775	3	N12/13
19002	11	N9,N14,N30,N37, N44/13
19004	39	9,14,30,37,44/13
19007	18	9,14,37,44/13

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

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19324	22	41/13
19327	11	8,41/13
19330	11	15,41/13
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*,19,25,35,45/13
19369	7	3*,19,25,45/13
19379	2	N44/13
19380	15	44/13
19381	9	44/13
19386	12	20/13*
19387	10	N44/13
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21017	50	4,7/13
21021	4	N6/13*
21033	46	8,9,11,17,19,42/13
21036	7	9,42/13
21120	27	7/13
21122	5	7/13
21140	1	12,16,23,43/13
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	3,4,17,43/13
22040	1	6,17,42/13
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, 24,36,37,47/13
22054	1	7,11/13
22055	1	1,4,7,11,12,13,14,19,20, 21,24,36,47/13
22080	3	7,8,11/13
22081	1	11,13,42/13
22082	5	11,42/13
22083	6	11,13,42/13
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
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22285	1	26/13
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22312	3	N3,N30/13
22313	3	N44/13*
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
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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	3,4,17,43/13
23010	4	3,17,45,46/13
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, N47/13
24051	1	20,24/13
24052	17	N5,N10,N11,N15,N16, N27,N40,N45/13
24053	17	N9,N11,N16/13
24055	7	N12*,N26,N27,N40, N45,N47/13
24057	6	N6,N8,N20,N26/13
24058	3	N14,N15,N26,N32,N43, N44/13
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
24240	6	N42/13*
24250	6	N42/13*
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	13,29,42/13
24388	2	13,21,42/13
24404	9	7,27,32,41,44/13
24405	12	N7,N32/13
24406	32	N7,N32/13
24423	2	42/13
24430	5	42,44/13
24434	4	28,44/13
24435	5	28,44/13
24444	2	39,47/13
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
24462	5	43/13
24463	7	N11/13*
24465	6	43/13
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, 42/13
24482	2	39/13
24484	3	39/13
24485	1	14,30/13
24486	1	18,25,27,47/13
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	3,17,18,24,25,43/13
24507	1	3,4,8,10,17,20,24,25,43, 47/13
24508	4	2,4,5,10,20,25/13
24509	3	4,8,10,43,47/13
24510	3	2,3,4,5,8,10,20,25,43, 47/13
24511	2	18,24,43/13
24512	3	7,18/13
24513	18	7/13
24514	1	7/13
24517	2	18,25,27,47/13
24521	3	27,34/13
25001	7	44/13
25017	6	N17,N34,N46,N47/13
25018	9	17,34,46/13
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*,17,37,43,46/13
25641	28	11,17,37/13
25645	20	6*,36/13
25647	11	17/13
25650	36	11,17,43,47/13
25653	13	16/13
25654	13	16/13
25655	12	16/13
25661	12	43/13
25663	28	17/13
25664	17	17/13
25666	18	17/13
25668	21	6*,13,29,43,46/13
25669	1	46/13
25670	44	44,46/13
25671	19	37,43,46/13
25673	16	11,43/13
25677	22	38*,46/13
25679	10	43/13
25681	18	11/13
25683	20	3*,17,43/13
25687	12	43/13
25700	3	37,46/13
25720	3	43/13
25724	3	43/13
25800	3	39/13
25841	9	39/13
25849	13	39/13
26001	4	7,15,36,42,43/13
26060	1	13,16,36,41,42/13
26065	4	16/13
26066	12	1,37,41/13
26070	2	41/13
26080	1	N46/13
26081	9	N32/13
26082	1	N17/13
26100	4	1,23/13
26130	20	1,15/13
26142	10	12,42,43/13
26143	10	43/13
26146	1	29,42/13
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
26260	5	42/13
26295	1	31/13
26320	5	5,15,30/13
26323	4	4/13
27005	4	43/13
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
28082	19	47/13
28110	2	47/13
28120	1	10/13
28130	1	43/13
28140	1	43/13
28142	5	14/13
28150	3	14/13
28151	2	14/13
28170	1	28/13
28260	31	N31/13*
28320	6	4/13
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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*
37000	23	41/13
37005	18	N7*,N8,N31,N33, N41/13
37006	3	N34/13*
37007	2	N25*,N27/13
37008	4	N22/13*
37010	24	4,8,33,41/13
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	6,8,23,33,36,37,41,43/13
37129	7	N6,N21,N36,N41, N43/13
37140	34	23/13
37162	13	N1,N5,N11,N22/13
37163	21	N21,N41/13
37164	6	N44/13*
37165	4	N26*,N31,N33,N41, N43,N44/13
37166	3	4,5,9,23/13
37200	16	8/13
37205	3	5,10/13
37221	14	5,6,8,9,10,11,12,13,44, 45,46/13
37222	14	N6,N8,N10,N11,N12, N21,N22,N45,N46/13
37223	15	1,9,11,31/13
37224	12	N9*,N10,N22/13
37226	19	N25*,N44,N46/13
37228	15	N16*,N45/13
37229	16	N18/13*
37230	15	N16/13*
37231	19	N5,N8,N10,N11,N12, N13,N43,N44,N45/13
37232	13	N8,N12,N44,N45/13
37234	14	N10,N13,N46/13
37235	11	5,10/13
37238	7	N21,N22/13
37241	21	N45/13*
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,N44/13
37248	20	N9,N23,N33,N37,N43, N44/13
37320	17	N36/13*
37342	4	N43/13*
37344	12	N42/13*
37380	3	N45/13*
37400	11	N43/13*
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
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42740	5	43/13
42742	3	23/13
42760	5	43/13
42762	4	N43/13
43000	5	34/13*
43030	25	N15/13*
43125	7	45/13
43127	5	35/13
43140	4	35/13
43141	6	N25/13*
43142	4	35/13
43148	5	N9/13*
43149	1	N45/13*
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	5,11,33,35,42/13
44036	5	2/13
44041	8	N2/13
44048	13	N18*,N28/13
44049	11	N36/13*
44066	11	N8,N10/13
44067	23	43,44/13
44072	4	8/13
44073	2	10,45/13
44075	5	N12,N45/13
44076	4	N1,N8,N12,N43/13
44082	11	8,10,11,13,45/13
44083	8	10,11,13,41,45/13
44085	2	10,11,12,45/13
44087	1	N43/13
44100	8	43/13
44140	9	35/13
44161	2	1/13
44179	2	2,5/13
44180	6	42/13
44206	1	2/13
44207	1	2/13
44282	1	26/13
44284	3	N25/13*
44289	1	N26/13*
44319	3	7,40,47/13
44320	4	7,38,39,42,47/13
44327	1	N27/13*
44340	12	36,38,39,40,42,47/13
44341	8	N1*,N42/13
44352	4	N8*,N39,N40,N42, N47/13
44353	1	N7,N39/13
44360	10	7,36,38,40,42/13
44361	7	N32,N37/13
44362	1	N32/13
44363	1	N7/13
44364	1	N35/13*
44365	2	N6*,N19,N24,N31/13
44366	1	43/13
44367	2	21,35/13
44400	5	7,20,33,38,39,40,42, 47/13
44401	9	N5,N10,N20,N43, N47/13
44410	5	33,39,42,47/13
44420	7	5,42,43/13
44430	3	5,11,20,35,42,43/13
44442	1	N5,N42,N43,N47/13
44443	1	N5,N6/13
44445	1	N47/13
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	3	N41/13*
51143	5	N33/13
51144	4	N25,N33/13
51150	1	11/13
51155	2	N43/13*
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*
52047	12	N41/13*
52079	1	N38/13*
52080	14	44/13
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
52140	6	44/13
52142	3	42,43,44/13
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	5,43,45/13
54280	11	5,6,43,45/13
54281	6	5,45/13
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	1,44/13
54416	6	N12*,N44/13
54417	2	N6/13*
54421	6	1/13
54423	5	43/13
54424	1	1/13
54430	1	5,27,44,46/13
54441	6	6,41,42,47/13
54462	5	29,35/13
54466	1	N43/13*
54480	9	N15*,N29,N35,N39, N40,N42,N47/13
54481	9	4,40,42,43/13
55001	4	8,23,30,46/13
55040	4	44/13
55043	2	47/13
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	11,23,24,26,47/13
55100	8	25,26,46/13
55101	5	23,27/13
55103	3	N9,N23,N25,N28/13
55104	2	9,26,28/13
55105	7	2,4,8/13
55110	2	46/13
55127	2	26/13
55128	3	N23,N28/13
55129	7	25,26/13
55130	2	8,23,25,26,30,44,47/13
55131	1	30,44/13
55133	4	N25,N27/13

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 1/13 THROUGH NM 47/13

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.
55140	2	8,25/13
55150	2	2/13
55160	2	4,43/13
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	8,23,25,27,30,47/13
56011	1	11/13
56031	1	5,7,44,47/13
56043	6	39/13
56060	9	44/13
56063	1	46/13
56064	6	36,45,46/13
56065	3	44/13
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	7,42/13
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
61250	4	44/13
61260	4	44/13
61450	2	43/13
61500	2	40/13
61592	5	N22,N35/13
62000	20	45/13
62001	5	9,10,13/13
62024	13	17,45/13
62028	15	18/13
62032	16	6,11,12,15,16,18,21,46, 47/13
62033	3	N6,N11,N12,N15,N16, N18,N21,N46,N47/13
62090	7	16,21,45/13
62092	8	N18*,N21/13
62097	6	16/13
62100	7	14/13
62110	10	9/13
62120	6	44/13
62130	2	44/13
62144	4	N41/13*
62162	2	24/13
62177	4	N26/13*
62191	15	9,10,13/13
62193	18	N6*,N45/13
62194	8	9/13
62195	7	13/13
62230	3	47/13
62241	11	N7*,N45/13
62242	12	N26/13*
62270	5	44/13
62290	4	14,44/13
62310	2	45/13
62314	3	18/13
62320	2	17,45/13
62330	2	22/13
62333	1	N6*,N17,N27,N28,N38, N43/13
62334	1	N41*,N43/13
62340	3	22,43,46/13
62343	4	27,28/13
62350	3	27,44,46/13
62353	4	46/13
62355	7	17,23,24,27,28,30,44, 46/13
62360	5	11,18,27,28,44,47/13
62361	2	N11,N18,N27,N28,N44, N47/13
62362	1	28/13
62364	1	23,25,27,44/13
62366	4	11,16,41/13
62388	3	N42/13
62392	8	18/13
62393	8	N35/13*
62394	11	N1/13*
62400	17	6,10,47/13
62401	9	21/13
62402	10	46/13
62403	5	32/13
62405	8	21,44,47/13
62406	3	N21*,N47/13
62407	5	47/13
62408	7	6,10,15,16,21,47/13
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	6,10,15,21,46,47/13
62441	10	20/13
62442	7	N35/13*
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	6,47/13
62462	3	N5/13*
62463	3	N6/13*
62464	4	N20/13
62480	2	6,8,11,12,15,16,18,21,42, 46,47/13
62490	2	8,11,12,20,21,42,46/13
62498	5	N6,N45,N47/13
62499	6	N20,N45/13
62510	3	6,10,11,18,47/13
62512	3	N6,N10,N11,N18, N47/13
62520	6	6,10,15,16,21,46,47/13
62521	4	N6,N10,N15,N16,N21, N46,N47/13
62530	6	6,8,11,12,14,21,22,42, 46/13
62531	4	N6,N8,N11,N12,N14, N21,N42,N46/13
62540	6	15,18,20,21,23,24/13
62541	3	N15,N18,N20,N21,N23, N24/13
62550	3	6,8,11,21,22,46/13
62552	1	46/13
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	2,22,29,30,35,40,46/13
63015	11	2,28/13
63020	15	22,45/13
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	22,34,35,37,45/13
63090	9	9,27,31,35,44,45/13
63091	4	22,27,28,34,37,45/13
63092	5	N24*,N37/13
63100	3	34/13
63101	17	N9,N22,N27,N31,N35, N44,N45/13
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	28,44/13
63121	6	27,28/13
63150	1	22,27,28,29,34,35,37, 46/13
63200	5	28,34/13
63201	11	N28,N44/13
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	2,22,27,44/13
63268	2	44/13
63270	7	23,28,34/13
63271	9	N23,N28/13
63290	8	N35/13
63291	9	37/13
63310	5	22,45/13
63320	8	37,47/13
63321	6	37,47/13
63330	9	28,42/13
63337	16	28/13
63383	6	N6*,N35/13
63390	2	23/13
63400	1	33/13
63410	6	33,42/13
63413	6	N27,N42/13
63417	3	N42/13
63420	2	28,33,42/13
71005	1	36,38/13
71006	5	37/13
71009	3	36/13
71012	4	N26/13*
71027	9	13,16,29,30,31,38,39,43, 44,45,46/13
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,N42/13
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	37,42/13
71311	4	39/13
71315	2	22/13
71320	2	N45/13*
71325	9	N7/13*
71326	1	N42/13
71330	13	42,43/13
71331	11	42/13
71340	12	N43*,N44/13
71343	4	N13/13
71348	3	13,45/13
71349	3	N45/13*
71350	8	13,45/13
71430	3	16/13
71440	2	16,29,40,46/13
71445	1	46/13
71450	1	46/13
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
73601	3	44/13
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*
74052	2	44/13
74150	3	N24/13*
74154	1	N5,N6,N8,N9,N11, N38/13
74155	1	N11/13
74163	1	N8,N9,N11,N47/13
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
74200	8	47/13
74209	1	N47/13
74212	2	N44/13
74216	1	N14/13
74223	1	N47/13
74230	7	43/13
74237	3	N14/13
74240	8	15,43/13
74243	1	N43,N47/13
74244	1	N44/13
74247	2	N26/13*
74248	1	N44/13
74249	1	N44/13
74251	8	43/13
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,N43/13
74311	3	N25*,N35/13
74342	1	N2,N3,N4,N14,N44/13
74389	1	N10,N11,N13/13
74390	1	N4,N13/13
74396	1	N13/13
74397	1	N2,N3,N4,N14,N44/13
74398	2	N2,N3,N4,N14/13
74410	3	3,4/13
74518	1	N3/13
74580	1	N4,N20/13
74588	1	N20/13
75035	18	5,7,8,9,11/13
75051	6	44/13

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 1/13 THROUGH NM 47/13

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.
75052	2	44/13
75166	1	N3/13
75174	3	N25/13*
75178	3	N24/13*
75240	4	11/13
75251	5	8,9,11,13/13
75252	1	N3/13
75253	1	N5,N8,N9,N11,N13/13
75266	1	N5,N6,N8,N9,N11,N14, N38,N39/13
75267	1	N14,N38,N39/13
75269	1	N14,N38,N43/13
75274	1	N5,N6,N7,N8,N9,N11, N38,N39/13
76015	1	8,14,15/13
76050	8	8/13
76052	9	N26/13*
76054	5	11/13
76056	3	18/13
76070	9	14,15/13
76080	8	39/13
76081	7	12/13
76090	6	39/13
76110	5	28/13
76150	6	10/13
76151	7	10/13
76160	4	18/13
76161	10	18/13
76171	10	28,33/13
76180	1	10,28/13
81002	6	29,31/13
81004	5	29,41/13
81012	3	31/13
81016	1	31/13
81019	4	31/13
81025	3	N32,N41/13
81048	10	6/13
81054	16	6/13
81067	9	5/13
81071	8	17*,18,44/13
81076	13	12/13*
81166	2	30/13*
81187	6	30/13*
81209	4	34/13*
81237	2	24/13*
81664	6	43/13
81711	7	8/13
82374	9	17/13
83026	32	10/13
83385	20	N12/13*
83484	12	25/13
83567	3	28/13
91005	6	4,6,13/13
91008	1	7,11,33,44/13
91010	6	33/13
91020	5	4/13
91025	8	3/13
91030	3	4,8/13
91120	3	19/13
91160	4	10/13
91170	3	N34/13*
91175	3	19/13
91280	8	N3,N4,N5,N8/13
91286	11	N5,N8/13
91289	19	5,8/13
91350	1	N43/13*
91355	1	N34/13*
91360	3	N35/13*
92006	5	2,5,14/13
92020	2	5,14/13
92025	3	4,29,35/13
92030	4	4/13
92033	5	5,14/13
92110	3	4/13
92120	3	4/13
92153	4	N10/13*
92290	2	2/13
92293	2	2/13
92310	4	4,29,35/13
92390	3	4/13
92410	4	4/13
93006	3	7,18,28,33,35,36,39,44, 46/13
93010	6	22,29,37,40,41,43,44/13
93018	8	22,37,40,41,43,44/13
93020	2	6,12,14,24,30,46/13
93022	4	6/13
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93030	7	6,21,46/13
93032	4	8,9,12,18,37,39,40/13
93036	12	N24*,N25,N28,N33, N36,N37,N39,N40, N46/13
93045	2	6/13
93046	1	27/13
93048	1	38,42/13
93049	1	24,46/13
93101	3	40,44,46/13
93110	2	39,40,46/13
93113	3	N40,N44/13
93115	3	N39,N40/13
93117	3	40/13
93160	4	40,43,44/13
93180	8	N22,N37/13
93200	5	N45/13*
93240	12	22/13
93241	10	N10*,N22/13
93244	8	22,37/13
93245	7	N22,N47/13
93248	1	22/13
93249	1	37/13
93260	9	22,40,47/13
93261	5	22,41/13
93340	4	12/13
93342	6	N12/13*
93385	7	N8/13*
93404	7	N22/13*
93406	5	N24/13*
93503	7	N8/13*
93600	4	N12/13
93610	4	N34/13*
93620	5	N6/13*
93650	2	9,12,18,37,39,40/13
93652	2	12,37,40/13
93680	3	8,9,10/13
93688	3	N9/13
93690	3	8,9/13
93695	1	N8,N9,N10/13
93698	3	8,9,10/13
93710	4	N31/13*
93717	1	N8,N9/13
93720	11	9,18,28,29,46/13
93721	6	N6,N9,N13,N27,N28, N29,N30,N32,N33,N38, N40,N44,N46/13
93726	5	13,33,42/13
93730	5	N6*,N9,N13,N18,N28, N29,N33,N35,N36,N39, N42,N44,N46/13
93733	14	N5,N9,N13,N18,N26, N28,N42,N46/13
93734	13	N13,N18,N26,N28, N46/13
93736	25	N5,N26,N27/13
93778	9	N35/13*
94004	7	11,30,33/13
94016	3	3,12,30,31,36/13
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94040	14	43/13
94042	10	N1*,N43/13
94060	12	11,30,33/13
94061	6	12,13/13
94063	5	33/13
94067	11	30,46/13
94080	8	30/13
94082	9	12,30,32,33,35,43/13
94083	13	N35/13*
94084	2	N36*,N43/13
94120	7	4,11,31,40/13
94122	8	N33,N37,N40/13
94123	10	N28/13
94127	3	N28/13
94160	9	4,9,11,25,28,43,45/13
94164	2	12,14,25,26/13
94165	4	13,14,36/13
94180	10	12,35,36,42/13
94187	4	N41/13
94188	2	9,34/13
94201	1	12/13
94203	10	8,9,10,12,13,14,15,16,17, 34,35,36,39,41,45/13
94206	3	8,9,10,11,16,34,39,45/13
94207	5	N35/13
94208	6	N35/13
94216	9	N8,N46/13
94217	7	N8,N33/13
94218	6	N8,N46/13
94220	5	8,10/13
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94281	7	N15/13
94282	9	7,8,12,13,36/13
94283	8	N7,N8,N10,N11,N12, N13/13
94287	2	36/13
94290	3	10/13
94360	7	N15,N20,N37/13
94363	5	N15,N20,N37,N44, N45/13
94364	1	N15,N19,N44,N45/13
94380	5	N11/13*
94420	4	10,37,39,40,42/13
94421	11	13,39/13
94423	13	N17,N19/13
94427	2	N18/13
94440	4	N16,N42/13
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95068	3	N6*,N19,N20,N21,N22, N26,N28,N32,N33/13
95080	15	N11/13*
95084	8	N30/13
95085	5	N26,N27,N30,N31/13
95086	6	N26,N27,N31/13
95100	13	27,28,32,34/13
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95160	14	22,25,28,33/13
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95163	3	N32,N33/13
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95172	2	N45/13*
95173	3	N27/13
95174	2	N27/13
95180	13	N29,N33/13
95200	7	N17/13*
95263	1	N10,N11/13
95271	5	N5/13**
95272	3	1/13**
95277	1	N5/13*
95278	1	N1/13*
96028	5	3/13
96032	3	3,8/13
96036	2	5,21/13
96041	12	N1*,N35/13
96042	11	13,35,38/13
96043	8	13/13
96044	10	39/13
96320	4	38/13
96340	4	38/13
96382	2	35/13
96400	4	35/13
96600	4	8/13
96681	1	N42/13*
96740	12	3/13
97000	3	3,11/13
97021	8	22,25,28,35/13
97022	1	N21,N22,N32,N35/13
97026	10	31/13
97028	1	N16/13*
97030	2	N37/13*
97050	2	N1/13*
97054	1	N16/13*
97058	1	N36/13*
97063	2	36/13**
97095	3	N30/13*
97140	17	4/13
97183	9	16/13**
97212	1	N30/13*
97216	1	N37/13*
97218	3	37/13**
97227	11	30/13**
97235	2	27/13**
97254	1	N27/13*
97277	12	40/13**
97311	1	N40/13*
97320	6	8/13
97327	1	N42/13*
97333	1	N40/13*
97340	8	42/13**
97342	14	3/13
97360	6	40/13**
97380	7	8,28/13
97397	8	N16/13
97400	4	16/13
97420	17	8/13
97440	8	3,28,31/13
97441	6	N10/13*
97460	7	3,11/13
97461	10	N12/13*
97480	9	11,31/13
97483	7	11/13
97521	6	11/13
800564	2	N13/13**
800669	9	N12/13
800744	1	N21/13**
800778	2	N25/13**
801208	1	N25/13*
801902	9	N16/13
801953	1	N46/13
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
803455	1	N41/13
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
804567	4	N11/13
805118	4	N5/13
805170	2	N25/13**
805195	2	N33,N34/13
805647	2	N19,N32/13
806902	1	N28,N32,N33/13
806918	1	N11/13
806939	1	N25,N28,N32/13
806947	1	N25/13*
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*
806979	1	N13*,N23,N43/13
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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CHARTS AFFECTED BY NOTICE TO MARINERS
NM 1/13 THROUGH NM 47/13

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.
809189	1	N38/13*
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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.			Edition			
NGA Ref. No. (National Stk. No.)	Title	Scale = 1:	No.	Date	Price Category	NTM
	REGION 1					
12AOA12301 (7642014010343)	Vicinity of Narragansett Bay Fleet Operating Areas	400,000	23	6/13	DS	47/13
	MISCELLANEOUS CHARTS AND PUBLICATIONS					
DNCDXVDU (7644014946812)	Digital Nautical Chart (DNC) - VPF Database Update (VDU)		150	9/13	DS	47/13

Price Categories effective 1 October 2013

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

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
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DoD users and DoD contractors may direct questions concerning the availability and distribution of announced hardcopy charts to the Defense Logistics Agency (DLA) at 1-800-826-0342 or 804-279-6500; DSN 695-6500; Fax 804-279-6524.

Civilian users can obtain information about ordering NGA paper charts at: http://www.nauticalcharts.noaa.gov/staff/charts.htm.

COAST PILOT CORRECTIONS

COAST PILOT 1 43 Ed 2013 03 NOV 2013
LAST NM 37/13

Chapter 2—Paragraph 1177.01; replace with below:
New table titled **Table 160.206—NOA Information Items** from back of this Subsection.
(FR 9/30/2013) 47/13

Chapter 2—Paragraphs 1800.01 to 1818; read:
(1800.01) §165.120 [Removed]
(1801) <Deleted Paragraph>
(1802) <Deleted Paragraph>
(1803) <Deleted Paragraph>
(1804) <Deleted Paragraph>
(1805) <Deleted Paragraph>
(1806) <Deleted Paragraph>
(1807) <Deleted Paragraph>
(1808) <Deleted Paragraph>
(1809) <Deleted Paragraph>
(1810) <Deleted Paragraph>
(1811) <Deleted Paragraph>
(1812) <Deleted Paragraph>
(1813) <Deleted Paragraph>
(1814) <Deleted Paragraph>
(1815) <Deleted Paragraph>
(1816) <Deleted Paragraph>
(1817) <Deleted Paragraph>
(1818) <Deleted Paragraph>
(FR 9/25/2013) 47/13

Chapter 9—Paragraph 286; read:
(286) **Sagamore Creek** empties into Little Harbor from the westward, about 0.2 mile above the highway bridge across the harbor. The creek is entered by a marked dredged channel which leads to a highway bridge 0.8 mile above the entrance; an anchorage basin is about 0.3 mile above the entrance. (See Notice to Mariners and the latest edition of the chart for controlling depths.) The creek has considerable small-craft activity.
(L 1675-2013; LNM 42/13 CG1) 47/13

Chapter 11—Paragraph 222; read:
(222) <Deleted Paragraph>
(FR 9/25/2013) 47/13

COAST PILOT 2 43 Ed 2014 03 NOV 2013
LAST NM 41/13

Chapter 2—Paragraph 2064; replace with below:
New table titled **Table 160.206—NOA Information Items** from back of this Subsection.
(FR 9/30/2013) 47/13

Chapter 8—Paragraph 403; read:
(403) A dredged channel leads from The Gulf through the jettied entrance to a point about 400 feet above the town wharf, 0.6 mile above Burns Point. In 2010-2012, the controlling depths were 6 feet to the Town Dock with shoaling to 1 foot along the right side of the channel at 41°12'37"N., 73°02'56"W. The anchorage basin along the west side of the channel had a controlling depth of 6.5 feet. The channel is marked lighted and unlighted buoys and a light.
(L 1473-2013 ; DD 23418; LNM 38/13 CG1) 47/13

Chapter 11—Paragraph 308; read:
(308) **Highlands** is a summer resort on the west side of Shrewsbury River 1.5 miles inside the entrance.
(NOS 12324) 47/13

Chapter 11—Paragraphs 313 to 314; read:
(313)<Deleted Paragraph Header>
(314)<Deleted Paragraph>
(NOS 12324) 47/13

Chapter 11—Paragraphs 316 to 317; read:
(316)<Deleted Paragraph Header>
(317)<Deleted Paragraph>
(NOS 12324) 47/13

Chapter 11—Paragraph 324; read:
(324) **Red Bank**, a town near the head of navigation on the Navesink River, has railroad connections with New York.
(NOS 12324) 47/13

COAST PILOT 3 46 Ed 2013 03 NOV 2013
LAST NM 46/13

Chapter 2—Paragraph 588; read:
(588) (c) In Wilmington DE, the draw of the Third Street Bridge at mile 2.3, shall open on signal, the draws of the Walnut Street Bridge at mile 2.8, and the Market Street Bridge at mile 3.0, shall open on signal if at least eight hours notice is given. From 7 a.m. to 8 a.m. and 4:30 p.m. to 5:30 p.m., Monday through Saturday except holidays, the draws of these three bridges need not be opened for the passage of vessels. Any vessel which has passed through one or more of these bridges immediately prior to a closed period and which requires passage through the other bridge or bridges in order to continue to its destination shall be passed through the draw or draws of the bridge or bridges without delay.
(FR 10/3/2013) 47/13

COAST PILOT 3 (Continued)

Chapter 2—Paragraph 1234.01; replace with below:
New table titled **Table 160.206—NOA Information Items** from back of this Subsection.
(FR 9/30/2013) 47/13

Chapter 6—Paragraph 218.01; replace with below:
New table titled **Structures across Christina River** from back of this Subsection.
(33 CFR 117.237; NOS 12311) 47/13

Chapter 6—Paragraphs 219 to 220; read:
(219) A Federal project provides for a 38- and 35-foot channel from Delaware River to Lobdell Canal and 38 feet in a turning basin opposite the Wilmington Marine Terminal, thence 21 feet for 2.4 miles to 39°43'38"N., 75°33'40"W, thence 10 feet to the head of the project, 3.9 miles above the mouth. (See Notice to Mariners and the latest editions of the charts for controlling depths.) The channel is subject to frequent shoaling. A steel sheet-pile jetty, marked at its outer end by a light, is on the south side of the entrance. The entrance channel is marked by a **293°** lighted range and by a lighted buoy on the north side of the entrance.
(220) <Deleted Paragraph>
(33 CFR 117.237; NOS 12311) 47/13

Chapter 6—Paragraphs 240 to 241; read:
(240) <Deleted Paragraph>
(241) <Deleted Paragraph>
(NOS 2013) 47/13

COAST PILOT 4 45 Ed 2013 03 NOV 2013
LAST NM 40/13

Chapter 2—Paragraph 1805.01; replace with below:
New table titled **Table 160.206—NOA Information Items** from back of this Subsection.
(FR 9/30/2013) 47/13

COAST PILOT 5 41 Ed 2013 03 NOV 2013
LAST NM 42/13

Chapter 2—Paragraph 2055.01; replace with below:
New table titled **Table 160.206—NOA Information Items** from back of this Subsection.
(FR 9/30/2013) 47/13

Chapter 4—Paragraph 312; read:
(312) A marina, on the S side of the river about 1 mile E of the bridge, has two travel lifts which can handle craft to 60 feet and 35 tons for hull and engine repair or storage. A privately marked channel, with a reported controlling depth of about 3 feet in 2013, leads to the marina.
(DB 20987-coast) 47/13

Chapter 5—Paragraph 245; read:
(245) Northward along the St. Petersburg waterfront from the ship basin are the Municipal Pier and three yacht basins. The pier is a concrete structure about 0.5 mile long with a five-story concrete structure in the shape of an inverted pyramid at its outer end. Lights mark the NE and SE corners of the pier and the top of the inverted pyramidal structure. North Yacht Basin and Central Yacht Basin are on either side of the inner half of the pier. Both basins are enclosed by sea walls and provide excellent protection for vessels up to about 125 feet. Depths of about 10 feet are in North, Central, and South Yacht Basins. Gasoline, diesel fuel, water, ice, marine supplies, launching ramps, and open and covered berthage are available at the St. Petersburg Municipal Marina and the yacht club in Central Basin. A mooring field was reported to be established in the North Basin; anchoring prohibited. For further information contact the Mooring Field Office; telephone, 800-782-8350. A marina at the N end of the basin has transient slips and pumpout facilities; telephone, 727–824–8022, or contact via VHF-FM channel 16.
(DB 20983-coast) 47/13

Chapter 12—Paragraph 56; read:
(56) At **Mile 52.0,** about 300 yards SE of the entrance to Alligator Creek, a small passenger ferry crosses Lemon Bay. The ferry monitors VHF-FM channel 16.
(DB 21310-coast) 47/13

COAST PILOT 6 43 Ed 2013 03 NOV 2013
LAST NM 45/13

Chapter 2—Paragraph 1056.01; replace with below:
New table titled **Table 160.206—NOA Information Items** from back of this Subsections.
(FR 9/30/2013) 47/13

COAST PILOT 7 45 Ed 2013 03 NOV 2013
LAST NM 46/13

Chapter 2—Paragraphs 4774.01 to 4774.15; read:
(4774.01) **§165.1414Safety Zones; Hawaiian Islands Commercial Harbors; HI.**
(4774.02) (a) Location. The following commercial harbors are safety zones:
(4774.03) (1) All waters of Nawiliwili Harbor, Kauai inland from a line drawn between 21°56'58"N, 159°21'28"W and 21°57'11"N, 159°21'10"W;
(4774.04) (2) All waters of Port Allen, Kauai immediately adjacent to the Department of Transportation commercial pier (located at 21°53'59"N, 157°35'21"W) extending out to 100 yards from the piers faces;
(4774.05) (3) All waters of Barber's Point Harbor, Oahu inland from a line drawn between 21°19'30"N, 158°07'14"W and 21°19'18"N, 158°07'18"W;
(4774.06) (4) All waters of Honolulu Harbor, Oahu inland from a line drawn between 21°17'56"N, 157°52'15"W

COAST PILOT 7 (Continued)

and 21°17'45"N, 157°52'10"W;

(4774.07) (5) All waters of Kaunakakai Harbor, immediately adjacent to the Interisland Cargo Terminal or Ferry Terminal Pier out to 100 yards of the west face of the pier;

(4774.08) (6) All waters of Kaumalapau Harbor, Lanai inland from a line drawn between 20°47'10"N, 156°59'32"W and 21°47'01"N, 156°59'31"W;

(4774.09) (7) All waters of Kahului Harbor, Maui inland from a line drawn between 20°54'01"N, 156°28'26"W and 20°54'02"N, 156°28'18"W;

(4774.10) (8) All waters of Kawaihae Harbor, Hawaii immediately adjacent to commercial piers 1 and 2 extending out to 100 yards from the piers faces.

(4774.11) (9) All waters of Hilo Harbor, Hawaii immediately adjacent to commercial piers 1 and 2 extending out to 100 yards from the piers faces.

(4774.12) (10) The activation of these safety zones may include any combination of these harbors, or all of these harbors, dependent upon details in the tsunami warning. These safety zones extend from the surface of the water to the ocean floor.

(4774.13) (b)Regulations. When the safety zones are activated and, therefore, subject to enforcement, no person or vessel may enter or remain in the safety zone except for support vessels, support personnel, and other vessels authorized by the Captain of the Port, Sector Honolulu (COTP), or a designated representative of the COTP. All commercial vessels must evacuate the harbor and transit seaward beyond the 50 fathom (300 foot) curve. These commercial harbors will remain closed to all transiting vessels until the Captain of the Port Honolulu lifts the evacuation order. All other applicable regulations in 33 CFR 165 remain in effect and subject to enforcement. You may contact the Coast Guard on VHF Channel 16 (156.800 MHz) or at telephone number 808–842–2600 to obtain clarification on safety zone transits and locations. Coast Guard patrol boats will be enforcing the safety zones and providing on-scene direction. Any vessel not capable of evacuating must contact the Coast Guard Sector Command Center at 808–842–2601 to request a waiver from evacuating the harbor.

(4774.14) (c)Enforcement period. Paragraph (b) of this section will be enforced when a tsunami warning has been issued for the Hawaiian Islands. The COTP will notify the public of any enforcement through the following means to ensure the widest publicity: Broadcast notice to mariners, notices of enforcement, press releases and the Coast Guard's Homeport Web site. Following the passage of the tsunami or tsunami threat and harbor assessments as required, deactivation of these safety zones will be conducted through radio broadcast by the U.S. Coast Guard.

(4774.15) (d)Penalties. Vessels or persons violating this rule would be subject to the penalties set forth in 33 U.S.C. 1232.

(FR 10/24/2013) 47/13

Chapter 14—Paragraphs 106.01 to 106.02; read:

(106.01) **Regulated navigation area**

(106.02)A safety zone is in Hilo Harbor, adjacent to the commercial piers. (See **33 CFR 165.1 through 165.40** and **165.1414**, chapter 2, for limits and regulations.)

(FR 10/24/2013) 47/13

Chapter 14—Paragraphs 228.01 to 228.02; read:

(228.01) **Regulated navigation area**

(228.02)A safety zone is in Kawaihae Harbor, adjacent to the commercial piers. (See **33 CFR 165.1 through 165.40** and **165.1414**, chapter 2, for limits and regulations.)

(FR 10/24/2013) 47/13

Chapter 14—Paragraph 341; read:

(341) From deep water on the N, the channel leads between the breakwaters, then turns sharply SE to the Kahului piers. A Federal project provides for an entrance channel 35 feet deep and a harbor basin of the same depth. Channel and basin are maintained at or near project depth. Navigational aids include lighted and unlighted buoys, breakwater lights, and a **176.8°** lighted range. A channel at the W end of the harbor leads to a launching ramp.

(LL 2013) 47/13

Chapter 14—Paragraphs 343.01 to 343.02; read:

(343.01) **Regulated navigation area**

(343.02)A safety zone is in Kahului Harbor. (See **33 CFR 165.1 through 165.40** and **165.1414**, chapter 2, for limits and regulations.)

(FR 10/24/2013) 47/13

Chapter 14—Paragraph 416.01; read:

(416.01) A safety zone is in Kaumalapau Harbor. (See **33 CFR 165.1 through 165.40** and **165.1414**, chapter 2, for limits and regulations.)

(FR 10/24/2013) 47/13

Chapter 14—Paragraph 455.01; read:

(455.01) A safety zone is in Kaunakakai Harbor, off the W face of the State pier. (See **33 CFR 165.1 through 165.40** and **165.1414**, chapter 2, for limits and regulations.)

(FR 10/24/2013) 47/13

Chapter 14—Paragraph 528; read:

(528) A security zone and safety zone are in Honolulu Harbor and entrance channel. (See **33 CFR 165.1 through 165.40, 165.1407 and 165.1414**, chapter 2, for limits and regulations.)

(FR 10/24/2013) 47/13

Chapter 14—Paragraph 587; read:

(587) **Barbers Point Harbor** is about 2 miles NW of Kalaeloa. A dredged channel leads NE to a basin in the harbor. In 2011, the controlling depth was 38 feet in the entrance channel to the basin, thence 35 to 39 feet in the basin. The channel is marked by lighted buoys, lights, and a **045°**

COAST PILOT 7 (Continued)

lighted range. A **security zone** and **safety zone** are in the harbor. (See **33 CFR 165.1 through 165.40, 165.1407 and 165.1414**, chapter 2, for limits and regulations.)
(FR 10/24/2013) 47/13

Chapter 14—Paragraphs 686.01 to 686.02; read:

(686.01) **Regulated navigation area**

(686.02) A Safety Zone is in Nawiliwili Harbor, N of the small-boat harbor. (See **33 CFR 165.1 through 165.40** and **165.1414**, chapter 2, for limits and regulations.)
(FR 10/24/2013) 47/13

Chapter 14—Paragraphs 722.01 to 722.02; read:

(722.01) Regulated navigation area

(722.02) A Safety Zone is in the waters of Port Allen surrounding the State pier. (See **33 CFR 165.1 through 165.40** and **165.1414**, chapter 2, for limits and regulations.)
(FR 10/24/2013) 47/13

COAST PILOT 8 35 Ed 2013 03 NOV 2013
LAST NM 37/13

Chapter 2—Paragraph 491.01; replace with below:
New table titled **Table 160.206—NOA Information Items** from back of this Subsection.
(FR 9/30/2013) 47/13

Chapter 4—Paragraphs 343.01 to 345; read:

(343.01) An overhead power cable with a clearance of 285 feet crosses the east end of Behm Narrows centered at 55°56'22"N., 131°29'39"W.

(344) **Bell Arm,** which separates the NW shore of Bell Island from the mainland, extrends NE from Behm Canal and at its head is joined by Anchor Pass; it has good anchorge in the expansion at its head in 16 fathoms, soft bottom. Snipe Point Light, on **Snipe Point**, marks the S entrance to Bell Arm. **Short Bay** and **Bailey Bay** are two small, narrow bays entering the NW side of Bell Arm. Short Bay, the E one, has good anchorage in 17 to 20 fathoms; a flat extends about 300 yards from its head. A private mooring buoy is near the flat. In 1984, the buoy was reported to be submerged at high water. A red float was attached to the buoy to mark its position; caution is advised. Inland from Bailey Bay is an area of hot springs. A mooring buoy is on the W side of Bailey Bay about 1 mile from the head.

(344.01) An overhead power cable with a clearance of 561 feet crosses the north end of Bell Arm centered at 55°59'32"N., 131°27'31"W.

(345) **Hassler Pass** and **Gedney Pass**, on the E side of Behm Canal and S of Snipe Point Light, separate Hassler Island from Revillagigedo Island; the passes are broad and clear. **Shrimp Bay**, at the head of Gedney Pass, is crossed 0.5 mile E of its entrance by an overhead power cable with a clearance of 280 feet. Farther in, **Klu Bay** has good anchorage in 16 fathoms, soft bottom, suitable for vessels of moderate size. A private mooring buoy is on the W side of Klu Bay.
(L 1163-2013) 47/13

COAST PILOT 9 31 Ed 2013 03 NOV 2013
LAST NM 46/13

Chapter 2—Paragraph 570; replace with below:
New table titled **Table 160.206—NOA Information Items** from back of this Subsection.
(FR 9/30/2013) 47/13

Table 160.206 – NOA Information Items			
Required Information	Vessels Not Carrying CDC	Vessels Carrying CDC	
		Vessels	Towing Vessels Controlling Vessels Carrying CDC
(1) Vessel Information			
(i) Name	X	X	X
(ii) Name of the registered owner	X	X	X
(iii) Country of registry	X	X	X
(iv) Call sign	X	X	X
(v) International Maritime Organization (IMO) international number or, if vessel does not have an assigned IMO international number, substitute with official number	X	X	X
(vi) Name of the operator	X	X	X
(vii) Name of the charterer	X	X	X
(viii) Name of classification society	X	X	X
(2) Voyage Information			
(i) Names of last five ports or places visited	X	X	X
(ii) Dates of arrival and departure for last five ports or places visited	X	X	X
(iii) For each port or place in the United States to be visited list the names of the receiving facility, the port or place, the city, and the state	X	X	X
(iv) For each port or place in the United States to be visited, the estimated date and time of arrival	X	X	X
(v) For each port or place in the United States to be visited, the estimated date and time of departure	X	X	X
(vi) The location (port or place and country) or position (latitude and longitude or waterway and mile marker) of the vessel at the time of reporting	X	X	X
(vii) The name and telephone number of a 24-hour point of contact	X	X	X
(3) Cargo Information			
(i) A general description of cargo, other than CDC, onboard the vessel (e.g. grain, container, oil, etc.)	X	X	X
(ii) Name of each certain dangerous cargo carried, including cargo UN number, if applicable		X	X
(iii) Amount of each certain dangerous cargo carried		X	X
(4) Information for each crewmember onboard			
(i) Full name	X	X	X
(ii) Date of birth	X	X	X
(iii) Nationalitiy	X	X	X
(iv) Passport or mariners document number (type of identification and number)	X	X	X
(v) Position or duties on the vessel	X	X	X
(vi) Where the crewmembers embarked (list port or place and country)	X	X	X
(5) Information for each person onboard in addition to crew			
(i) Full name	X	X	X
(ii) Date of birth	X	X	X
(iii) Nationality	X	X	X
(iv) Passport number	X	X	X
(v) Where the person embarked (list port or place and country)	X	X	X
(6) Operational condition of equipment required by §164.35 of this chapter	X	X	X
(7) International Safety Management (ISM) Code Notice			
(i) The date of issuance for the company's Document of Compliance certificate that covers the vessel	X	X	X
(ii) The date of issuance for the vessel's Safety Management Certificate	X	X	X
(iii) The name of the Flag Administration, or the recognized organization(s) representing the vessel flag administration, that issued those certificates	X	X	X
(8) Cargo Declaration (Customs Form 1302) as described in 19 CFR 4.7	X	X	X
(9) International Ship and Port Facility Code (ISPS) Notice*			
(i) The date of issuance for the vessel's International Ship Security Certificate (ISSC), if any	X	X	X
(ii) Whether the ISSC, if any, is an initial Interim ISSC, subsequent and consecutive Interim ISSC, or final ISSC	X	X	X
(iii) Declaration that the approved ship security plan, if any, is being implemented	X	X	X
(iv) If a subsequent and consecutive Interim ISSC, the reasons therefor	X	X	X
(v) The name and 24-hour contact information for the Company Security Officer	X	X	X
(vi) The name of the Flag Administration, or the recognized security organization(s) representing the vessel flag Administration that issued the ISSC	X	X	X

* The information required by items 9(i)-(iii) need not be submitted before January 1, 2004. All other information required by item 9 need not be submitted before July 1, 2004.

Table 160.206 – NOA Information Items			
Required Information	Vessels Not Carrying CDC	Vessels Carrying CDC	
		Vessels	Towing Vessels Controlling Vessels Carrying CDC
(1) Vessel Information			
(i) Name	X	X	X
(ii) Name of the registered owner	X	X	X
(iii) Country of registry	X	X	X
(iv) Call sign	X	X	X
(v) International Maritime Organization (IMO) international number or, if vessel does not have an assigned IMO international number, substitute with official number	X	X	X
(vi) Name of the operator	X	X	X
(vii) Name of the charterer	X	X	X
(viii) Name of classification society	X	X	X
(2) Voyage Information			
(i) Names of last five ports or places visited	X	X	X
(ii) Dates of arrival and departure for last five ports or places visited	X	X	X
(iii) For each port or place in the United States to be visited list the names of the receiving facility, the port or place, the city, and the state	X	X	X
(iv) For each port or place in the United States to be visited, the estimated date and time of arrival	X	X	X
(v) For each port or place in the United States to be visited, the estimated date and time of departure	X	X	X
(vi) The location (port or place and country) or position (latitude and longitude or waterway and mile marker) of the vessel at the time of reporting	X	X	X
(vii) The name and telephone number of a 24-hour point of contact	X	X	X
(3) Cargo Information			
(i) A general description of cargo, other than CDC, onboard the vessel (e.g. grain, container, oil, etc.)	X	X	X
(ii) Name of each certain dangerous cargo carried, including cargo UN number, if applicable		X	X
(iii) Amount of each certain dangerous cargo carried		X	X
(4) Information for each crewmember onboard			
(i) Full name	X	X	X
(ii) Date of birth	X	X	X
(iii) Nationalitiy	X	X	X
(iv) Passport or mariners document number (type of identification and number)	X	X	X
(v) Position or duties on the vessel	X	X	X
(vi) Where the crewmembers embarked (list port or place and country)	X	X	X
(5) Information for each person onboard in addition to crew			
(i) Full name	X	X	X
(ii) Date of birth	X	X	X
(iii) Nationality	X	X	X
(iv) Passport number	X	X	X
(v) Where the person embarked (list port or place and country)	X	X	X
(6) Operational condition of equipment required by §164.35 of this chapter	X	X	X
(7) International Safety Management (ISM) Code Notice			
(i) The date of issuance for the company's Document of Compliance certificate that covers the vessel	X	X	X
(ii) The date of issuance for the vessel's Safety Management Certificate	X	X	X
(iii) The name of the Flag Administration, or the recognized organization(s) representing the vessel flag administration, that issued those certificates	X	X	X
(8) Cargo Declaration (Customs Form 1302) as described in 19 CFR 4.7	X	X	X
(9) International Ship and Port Facility Code (ISPS) Notice*			
(i) The date of issuance for the vessel's International Ship Security Certificate (ISSC), if any	X	X	X
(ii) Whether the ISSC, if any, is an initial Interim ISSC, subsequent and consecutive Interim ISSC, or final ISSC	X	X	X
(iii) Declaration that the approved ship security plan, if any, is being implemented	X	X	X
(iv) If a subsequent and consecutive Interim ISSC, the reasons therefor	X	X	X
(v) The name and 24-hour contact information for the Company Security Officer	X	X	X
(vi) The name of the Flag Administration, or the recognized security organization(s) representing the vessel flag Administration that issued the ISSC	X	X	X

* The information required by items 9(i)-(iii) need not be submitted before January 1, 2004. All other information required by item 9 need not be submitted before July 1, 2004.

Table 160.206 – NOA Information Items			
Required Information	Vessels Not Carrying CDC	Vessels Carrying CDC	
		Vessels	Towing Vessels Controlling Vessels Carrying CDC
(1) Vessel Information			
(i) Name	X	X	X
(ii) Name of the registered owner	X	X	X
(iii) Country of registry	X	X	X
(iv) Call sign	X	X	X
(v) International Maritime Organization (IMO) international number or, if vessel does not have an assigned IMO international number, substitute with official number	X	X	X
(vi) Name of the operator	X	X	X
(vii) Name of the charterer	X	X	X
(viii) Name of classification society	X	X	X
(2) Voyage Information			
(i) Names of last five ports or places visited	X	X	X
(ii) Dates of arrival and departure for last five ports or places visited	X	X	X
(iii) For each port or place in the United States to be visited list the names of the receiving facility, the port or place, the city, and the state	X	X	X
(iv) For each port or place in the United States to be visited, the estimated date and time of arrival	X	X	X
(v) For each port or place in the United States to be visited, the estimated date and time of departure	X	X	X
(vi) The location (port or place and country) or position (latitude and longitude or waterway and mile marker) of the vessel at the time of reporting	X	X	X
(vii) The name and telephone number of a 24-hour point of contact	X	X	X
(3) Cargo Information			
(i) A general description of cargo, other than CDC, onboard the vessel (e.g. grain, container, oil, etc.)	X	X	X
(ii) Name of each certain dangerous cargo carried, including cargo UN number, if applicable		X	X
(iii) Amount of each certain dangerous cargo carried		X	X
(4) Information for each crewmember onboard			
(i) Full name	X	X	X
(ii) Date of birth	X	X	X
(iii) Nationalitiy	X	X	X
(iv) Passport or mariners document number (type of identification and number)	X	X	X
(v) Position or duties on the vessel	X	X	X
(vi) Where the crewmembers embarked (list port or place and country)	X	X	X
(5) Information for each person onboard in addition to crew			
(i) Full name	X	X	X
(ii) Date of birth	X	X	X
(iii) Nationality	X	X	X
(iv) Passport number	X	X	X
(v) Where the person embarked (list port or place and country)	X	X	X
(6) Operational condition of equipment required by §164.35 of this chapter	X	X	X
(7) International Safety Management (ISM) Code Notice			
(i) The date of issuance for the company's Document of Compliance certificate that covers the vessel	X	X	X
(ii) The date of issuance for the vessel's Safety Management Certificate	X	X	X
(iii) The name of the Flag Administration, or the recognized organization(s) representing the vessel flag administration, that issued those certificates	X	X	X
(8) Cargo Declaration (Customs Form 1302) as described in 19 CFR 4.7	X	X	X
(9) International Ship and Port Facility Code (ISPS) Notice*			
(i) The date of issuance for the vessel's International Ship Security Certificate (ISSC), if any	X	X	X
(ii) Whether the ISSC, if any, is an initial Interim ISSC, subsequent and consecutive Interim ISSC, or final ISSC	X	X	X
(iii) Declaration that the approved ship security plan, if any, is being implemented	X	X	X
(iv) If a subsequent and consecutive Interim ISSC, the reasons therefor	X	X	X
(v) The name and 24-hour contact information for the Company Security Officer	X	X	X
(vi) The name of the Flag Administration, or the recognized security organization(s) representing the vessel flag Administration that issued the ISSC	X	X	X

* The information required by items 9(i)-(iii) need not be submitted before January 1, 2004. All other information required by item 9 need not be submitted before July 1, 2004.

Structures across Christina River					
Name•Description•Type	Location	Mile	Clear Width of Draw or Span Opening (feet)	Clear Height above Low Water Datum (feet)	Information
Overhead power cable	39°43'31"N., 75°31'58"W.	1.3		82	
Interstate 495 Highway Bridge (fixed)	39°43'33"N., 75°31'58"W.	1.3	259	60	
Norfolk Southern Railroad Bridge (swing)	39°43'43"N., 75°32'01"W.	1.4	84	6	
Overhead power cables	39°43'48"N., 75°32'01"W.	1.5		80	
Third Street Bridge (bascule)	39°44'07"N., 75°32'27"W.	2.3	145	20	Note 1
Walnut Street Bridge (bascule)	39°44'07"N., 75°33'04"W.	2.8	175	13	Note 1
Market Street Bridge (bascule)	39°44'11"N., 75°33'14"W.	3.0	175	8	Note 1
Overhead telephone cable	39°44'12"N., 75°33'20"W.	3.1		23	
Norfolk Southern Railroad Bridge (swing)	39°43'26"N., 75°33'37"W.	4.1	62	6	
Overhead power cables	39°43'26"N., 75°33'37"W.	4.1		70	
Norfolk Southern Railroad Bridge (swing)	39°43'23"N., 75°33'37"W.	4.2	57	3	
Overhead power cable	39°43'05"N., 75°34'38"W.	5.3		80	
Pennsylvannia Railroad Bridge (swing)	39°43'05"N., 75°34'40"W.	5.4	37	2	reported to be in ruins
Interstate 95 Highway Bridge (fixed)	39°43'07"N., 75°34'48"W.	5.5	50	22	
Route 141 Bridge (fixed)	39°42'38"N., 75°36'29"W.	7.5	93	28	
Overhead power cables	39°42'38"N., 75°36'30"W.	7.5		42	
James Street Bridge (bascule)	39°42'38"N., 75°36'32"W.	7.5	49	4	
Overhead pipeline	39°42'33"N., 75°36'41"W.	7.6	291	29	
Note 1 – See 33 CFR 117.1 through 117.59 and 117.237, chapter 2, for drawbridge regulations.					

Table 160.206 – NOA Information Items			
Required Information	Vessels Not Carrying CDC	Vessels Carrying CDC	
		Vessels	Towing Vessels Controlling Vessels Carrying CDC
(1) Vessel Information			
(i) Name	X	X	X
(ii) Name of the registered owner	X	X	X
(iii) Country of registry	X	X	X
(iv) Call sign	X	X	X
(v) International Maritime Organization (IMO) international number or, if vessel does not have an assigned IMO international number, substitute with official number	X	X	X
(vi) Name of the operator	X	X	X
(vii) Name of the charterer	X	X	X
(viii) Name of classification society	X	X	X
(2) Voyage Information			
(i) Names of last five ports or places visited	X	X	X
(ii) Dates of arrival and departure for last five ports or places visited	X	X	X
(iii) For each port or place in the United States to be visited list the names of the receiving facility, the port or place, the city, and the state	X	X	X
(iv) For each port or place in the United States to be visited, the estimated date and time of arrival	X	X	X
(v) For each port or place in the United States to be visited, the estimated date and time of departure	X	X	X
(vi) The location (port or place and country) or position (latitude and longitude or waterway and mile marker) of the vessel at the time of reporting	X	X	X
(vii) The name and telephone number of a 24-hour point of contact	X	X	X
(3) Cargo Information			
(i) A general description of cargo, other than CDC, onboard the vessel (e.g. grain, container, oil, etc.)	X	X	X
(ii) Name of each certain dangerous cargo carried, including cargo UN number, if applicable		X	X
(iii) Amount of each certain dangerous cargo carried		X	X
(4) Information for each crewmember onboard			
(i) Full name	X	X	X
(ii) Date of birth	X	X	X
(iii) Nationalitiy	X	X	X
(iv) Passport or mariners document number (type of identification and number)	X	X	X
(v) Position or duties on the vessel	X	X	X
(vi) Where the crewmembers embarked (list port or place and country)	X	X	X
(5) Information for each person onboard in addition to crew			
(i) Full name	X	X	X
(ii) Date of birth	X	X	X
(iii) Nationality	X	X	X
(iv) Passport number	X	X	X
(v) Where the person embarked (list port or place and country)	X	X	X
(6) Operational condition of equipment required by §164.35 of this chapter	X	X	X
(7) International Safety Management (ISM) Code Notice			
(i) The date of issuance for the company's Document of Compliance certificate that covers the vessel	X	X	X
(ii) The date of issuance for the vessel's Safety Management Certificate	X	X	X
(iii) The name of the Flag Administration, or the recognized organization(s) representing the vessel flag administration, that issued those certificates	X	X	X
(8) Cargo Declaration (Customs Form 1302) as described in 19 CFR 4.7	X	X	X
(9) International Ship and Port Facility Code (ISPS) Notice*			
(i) The date of issuance for the vessel's International Ship Security Certificate (ISSC), if any	X	X	X
(ii) Whether the ISSC, if any, is an initial Interim ISSC, subsequent and consecutive Interim ISSC, or final ISSC	X	X	X
(iii) Declaration that the approved ship security plan, if any, is being implemented	X	X	X
(iv) If a subsequent and consecutive Interim ISSC, the reasons therefor	X	X	X
(v) The name and 24-hour contact information for the Company Security Officer	X	X	X
(vi) The name of the Flag Administration, or the recognized security organization(s) representing the vessel flag Administration that issued the ISSC	X	X	X

* The information required by items 9(i)-(iii) need not be submitted before January 1, 2004. All other information required by item 9 need not be submitted before July 1, 2004.

Table 160.206 – NOA Information Items			
Required Information	Vessels Not Carrying CDC	Vessels Carrying CDC	
		Vessels	Towing Vessels Controlling Vessels Carrying CDC
(1) Vessel Information			
(i) Name	X	X	X
(ii) Name of the registered owner	X	X	X
(iii) Country of registry	X	X	X
(iv) Call sign	X	X	X
(v) International Maritime Organization (IMO) international number or, if vessel does not have an assigned IMO international number, substitute with official number	X	X	X
(vi) Name of the operator	X	X	X
(vii) Name of the charterer	X	X	X
(viii) Name of classification society	X	X	X
(2) Voyage Information			
(i) Names of last five ports or places visited	X	X	X
(ii) Dates of arrival and departure for last five ports or places visited	X	X	X
(iii) For each port or place in the United States to be visited list the names of the receiving facility, the port or place, the city, and the state	X	X	X
(iv) For each port or place in the United States to be visited, the estimated date and time of arrival	X	X	X
(v) For each port or place in the United States to be visited, the estimated date and time of departure	X	X	X
(vi) The location (port or place and country) or position (latitude and longitude or waterway and mile marker) of the vessel at the time of reporting	X	X	X
(vii) The name and telephone number of a 24-hour point of contact	X	X	X
(3) Cargo Information			
(i) A general description of cargo, other than CDC, onboard the vessel (e.g. grain, container, oil, etc.)	X	X	X
(ii) Name of each certain dangerous cargo carried, including cargo UN number, if applicable		X	X
(iii) Amount of each certain dangerous cargo carried		X	X
(4) Information for each crewmember onboard			
(i) Full name	X	X	X
(ii) Date of birth	X	X	X
(iii) Nationalitiy	X	X	X
(iv) Passport or mariners document number (type of identification and number)	X	X	X
(v) Position or duties on the vessel	X	X	X
(vi) Where the crewmembers embarked (list port or place and country)	X	X	X
(5) Information for each person onboard in addition to crew			
(i) Full name	X	X	X
(ii) Date of birth	X	X	X
(iii) Nationality	X	X	X
(iv) Passport number	X	X	X
(v) Where the person embarked (list port or place and country)	X	X	X
(6) Operational condition of equipment required by §164.35 of this chapter	X	X	X
(7) International Safety Management (ISM) Code Notice			
(i) The date of issuance for the company's Document of Compliance certificate that covers the vessel	X	X	X
(ii) The date of issuance for the vessel's Safety Management Certificate	X	X	X
(iii) The name of the Flag Administration, or the recognized organization(s) representing the vessel flag administration, that issued those certificates	X	X	X
(8) Cargo Declaration (Customs Form 1302) as described in 19 CFR 4.7	X	X	X
(9) International Ship and Port Facility Code (ISPS) Notice*			
(i) The date of issuance for the vessel's International Ship Security Certificate (ISSC), if any	X	X	X
(ii) Whether the ISSC, if any, is an initial Interim ISSC, subsequent and consecutive Interim ISSC, or final ISSC	X	X	X
(iii) Declaration that the approved ship security plan, if any, is being implemented	X	X	X
(iv) If a subsequent and consecutive Interim ISSC, the reasons therefor	X	X	X
(v) The name and 24-hour contact information for the Company Security Officer	X	X	X
(vi) The name of the Flag Administration, or the recognized security organization(s) representing the vessel flag Administration that issued the ISSC	X	X	X

* The information required by items 9(i)-(iii) need not be submitted before January 1, 2004. All other information required by item 9 need not be submitted before July 1, 2004.

Table 160.206 – NOA Information Items			
Required Information	Vessels Not Carrying CDC	Vessels Carrying CDC	
		Vessels	Towing Vessels Controlling Vessels Carrying CDC
(1) Vessel Information			
(i) Name	X	X	X
(ii) Name of the registered owner	X	X	X
(iii) Country of registry	X	X	X
(iv) Call sign	X	X	X
(v) International Maritime Organization (IMO) international number or, if vessel does not have an assigned IMO international number, substitute with official number	X	X	X
(vi) Name of the operator	X	X	X
(vii) Name of the charterer	X	X	X
(viii) Name of classification society	X	X	X
(2) Voyage Information			
(i) Names of last five ports or places visited	X	X	X
(ii) Dates of arrival and departure for last five ports or places visited	X	X	X
(iii) For each port or place in the United States to be visited list the names of the receiving facility, the port or place, the city, and the state	X	X	X
(iv) For each port or place in the United States to be visited, the estimated date and time of arrival	X	X	X
(v) For each port or place in the United States to be visited, the estimated date and time of departure	X	X	X
(vi) The location (port or place and country) or position (latitude and longitude or waterway and mile marker) of the vessel at the time of reporting	X	X	X
(vii) The name and telephone number of a 24-hour point of contact	X	X	X
(3) Cargo Information			
(i) A general description of cargo, other than CDC, onboard the vessel (e.g. grain, container, oil, etc.)	X	X	X
(ii) Name of each certain dangerous cargo carried, including cargo UN number, if applicable		X	X
(iii) Amount of each certain dangerous cargo carried		X	X
(4) Information for each crewmember onboard			
(i) Full name	X	X	X
(ii) Date of birth	X	X	X
(iii) Nationalitiy	X	X	X
(iv) Passport or mariners document number (type of identification and number)	X	X	X
(v) Position or duties on the vessel	X	X	X
(vi) Where the crewmembers embarked (list port or place and country)	X	X	X
(5) Information for each person onboard in addition to crew			
(i) Full name	X	X	X
(ii) Date of birth	X	X	X
(iii) Nationality	X	X	X
(iv) Passport number	X	X	X
(v) Where the person embarked (list port or place and country)	X	X	X
(6) Operational condition of equipment required by §164.35 of this chapter	X	X	X
(7) International Safety Management (ISM) Code Notice			
(i) The date of issuance for the company's Document of Compliance certificate that covers the vessel	X	X	X
(ii) The date of issuance for the vessel's Safety Management Certificate	X	X	X
(iii) The name of the Flag Administration, or the recognized organization(s) representing the vessel flag administration, that issued those certificates	X	X	X
(8) Cargo Declaration (Customs Form 1302) as described in 19 CFR 4.7	X	X	X
(9) International Ship and Port Facility Code (ISPS) Notice*			
(i) The date of issuance for the vessel's International Ship Security Certificate (ISSC), if any	X	X	X
(ii) Whether the ISSC, if any, is an initial Interim ISSC, subsequent and consecutive Interim ISSC, or final ISSC	X	X	X
(iii) Declaration that the approved ship security plan, if any, is being implemented	X	X	X
(iv) If a subsequent and consecutive Interim ISSC, the reasons therefor	X	X	X
(v) The name and 24-hour contact information for the Company Security Officer	X	X	X
(vi) The name of the Flag Administration, or the recognized security organization(s) representing the vessel flag Administration that issued the ISSC	X	X	X

* The information required by items 9(i)-(iii) need not be submitted before January 1, 2004. All other information required by item 9 need not be submitted before July 1, 2004.

Table 160.206 – NOA Information Items			
Required Information	Vessels Not Carrying CDC	Vessels Carrying CDC	
		Vessels	Towing Vessels Controlling Vessels Carrying CDC
(1) Vessel Information			
(i) Name	X	X	X
(ii) Name of the registered owner	X	X	X
(iii) Country of registry	X	X	X
(iv) Call sign	X	X	X
(v) International Maritime Organization (IMO) international number or, if vessel does not have an assigned IMO international number, substitute with official number	X	X	X
(vi) Name of the operator	X	X	X
(vii) Name of the charterer	X	X	X
(viii) Name of classification society	X	X	X
(2) Voyage Information			
(i) Names of last five ports or places visited	X	X	X
(ii) Dates of arrival and departure for last five ports or places visited	X	X	X
(iii) For each port or place in the United States to be visited list the names of the receiving facility, the port or place, the city, and the state	X	X	X
(iv) For each port or place in the United States to be visited, the estimated date and time of arrival	X	X	X
(v) For each port or place in the United States to be visited, the estimated date and time of departure	X	X	X
(vi) The location (port or place and country) or position (latitude and longitude or waterway and mile marker) of the vessel at the time of reporting	X	X	X
(vii) The name and telephone number of a 24-hour point of contact	X	X	X
(3) Cargo Information			
(i) A general description of cargo, other than CDC, onboard the vessel (e.g. grain, container, oil, etc.)	X	X	X
(ii) Name of each certain dangerous cargo carried, including cargo UN number, if applicable		X	X
(iii) Amount of each certain dangerous cargo carried		X	X
(4) Information for each crewmember onboard			
(i) Full name	X	X	X
(ii) Date of birth	X	X	X
(iii) Nationalitiy	X	X	X
(iv) Passport or mariners document number (type of identification and number)	X	X	X
(v) Position or duties on the vessel	X	X	X
(vi) Where the crewmembers embarked (list port or place and country)	X	X	X
(5) Information for each person onboard in addition to crew			
(i) Full name	X	X	X
(ii) Date of birth	X	X	X
(iii) Nationality	X	X	X
(iv) Passport number	X	X	X
(v) Where the person embarked (list port or place and country)	X	X	X
(6) Operational condition of equipment required by §164.35 of this chapter	X	X	X
(7) International Safety Management (ISM) Code Notice			
(i) The date of issuance for the company's Document of Compliance certificate that covers the vessel	X	X	X
(ii) The date of issuance for the vessel's Safety Management Certificate	X	X	X
(iii) The name of the Flag Administration, or the recognized organization(s) representing the vessel flag administration, that issued those certificates	X	X	X
(8) Cargo Declaration (Customs Form 1302) as described in 19 CFR 4.7	X	X	X
(9) International Ship and Port Facility Code (ISPS) Notice*			
(i) The date of issuance for the vessel's International Ship Security Certificate (ISSC), if any	X	X	X
(ii) Whether the ISSC, if any, is an initial Interim ISSC, subsequent and consecutive Interim ISSC, or final ISSC	X	X	X
(iii) Declaration that the approved ship security plan, if any, is being implemented	X	X	X
(iv) If a subsequent and consecutive Interim ISSC, the reasons therefor	X	X	X
(v) The name and 24-hour contact information for the Company Security Officer	X	X	X
(vi) The name of the Flag Administration, or the recognized security organization(s) representing the vessel flag Administration that issued the ISSC	X	X	X

* The information required by items 9(i)-(iii) need not be submitted before January 1, 2004. All other information required by item 9 need not be submitted before July 1, 2004.

Table 160.206 – NOA Information Items			
Required Information	Vessels Not Carrying CDC	Vessels Carrying CDC	
		Vessels	Towing Vessels Controlling Vessels Carrying CDC
(1) Vessel Information			
(i) Name	X	X	X
(ii) Name of the registered owner	X	X	X
(iii) Country of registry	X	X	X
(iv) Call sign	X	X	X
(v) International Maritime Organization (IMO) international number or, if vessel does not have an assigned IMO international number, substitute with official number	X	X	X
(vi) Name of the operator	X	X	X
(vii) Name of the charterer	X	X	X
(viii) Name of classification society	X	X	X
(2) Voyage Information			
(i) Names of last five ports or places visited	X	X	X
(ii) Dates of arrival and departure for last five ports or places visited	X	X	X
(iii) For each port or place in the United States to be visited list the names of the receiving facility, the port or place, the city, and the state	X	X	X
(iv) For each port or place in the United States to be visited, the estimated date and time of arrival	X	X	X
(v) For each port or place in the United States to be visited, the estimated date and time of departure	X	X	X
(vi) The location (port or place and country) or position (latitude and longitude or waterway and mile marker) of the vessel at the time of reporting	X	X	X
(vii) The name and telephone number of a 24-hour point of contact	X	X	X
(3) Cargo Information			
(i) A general description of cargo, other than CDC, onboard the vessel (e.g. grain, container, oil, etc.)	X	X	X
(ii) Name of each certain dangerous cargo carried, including cargo UN number, if applicable		X	X
(iii) Amount of each certain dangerous cargo carried		X	X
(4) Information for each crewmember onboard			
(i) Full name	X	X	X
(ii) Date of birth	X	X	X
(iii) Nationalitiy	X	X	X
(iv) Passport or mariners document number (type of identification and number)	X	X	X
(v) Position or duties on the vessel	X	X	X
(vi) Where the crewmembers embarked (list port or place and country)	X	X	X
(5) Information for each person onboard in addition to crew			
(i) Full name	X	X	X
(ii) Date of birth	X	X	X
(iii) Nationality	X	X	X
(iv) Passport number	X	X	X
(v) Where the person embarked (list port or place and country)	X	X	X
(6) Operational condition of equipment required by §164.35 of this chapter	X	X	X
(7) International Safety Management (ISM) Code Notice			
(i) The date of issuance for the company's Document of Compliance certificate that covers the vessel	X	X	X
(ii) The date of issuance for the vessel's Safety Management Certificate	X	X	X
(iii) The name of the Flag Administration, or the recognized organization(s) representing the vessel flag administration, that issued those certificates	X	X	X
(8) Cargo Declaration (Customs Form 1302) as described in 19 CFR 4.7	X	X	X
(9) International Ship and Port Facility Code (ISPS) Notice*			
(i) The date of issuance for the vessel's International Ship Security Certificate (ISSC), if any	X	X	X
(ii) Whether the ISSC, if any, is an initial Interim ISSC, subsequent and consecutive Interim ISSC, or final ISSC	X	X	X
(iii) Declaration that the approved ship security plan, if any, is being implemented	X	X	X
(iv) If a subsequent and consecutive Interim ISSC, the reasons therefor	X	X	X
(v) The name and 24-hour contact information for the Company Security Officer	X	X	X
(vi) The name of the Flag Administration, or the recognized security organization(s) representing the vessel flag Administration that issued the ISSC	X	X	X

* The information required by items 9(i)-(iii) need not be submitted before January 1, 2004. All other information required by item 9 need not be submitted before July 1, 2004.

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
7725	*- Lighted Buoy 4*	43-38-49.11N 70-14-58.71W	Fl R 2.5s		4	Red.	
		*					47/13
8566	*New Hampshire DES Oil Boom Deployment Lighted Buoy A*	43-07-21.04N 70-50-44.67W	Fl W 2.5s			White with orange bands worded NH DES.	Replaced by unlighted buoy Dec. 1 to Apr. 1. Private aid.
							* 47/13
8566.1	*New Hampshire DES Oil Boom Deployment Lighted Buoy B*	43-07-18.47N 70-51-05.70W	Fl W 2.5s			White with orange bands worded NH DES.	Replaced by unlighted buoy Dec. 1 to Apr. 1. Private aid.
							* 47/13
8566.2	*New Hampshire DES Oil Boom Deployment Lighted Buoy C*	43-07-19.25N 70-51-05.07W	Fl W 4s			White with orange bands worded NH DES.	Replaced by unlighted buoy Dec. 1 to Apr. 1. Private aid.
							* 47/13
8566.3	*New Hampshire DES Oil Boom Deployment Lighted Buoy D*	43-06-47.54N 70-51-45.48W	Fl W 4s			White with orange bands worded NH DES.	Replaced by unlighted buoy Dec. 1 to Apr. 1. Private aid.
							* 47/13
8566.4	*New Hampshire DES Oil Boom Deployment Lighted Buoy E*	43-06-48.01N 70-51-47.00W	Fl W 4s			White with orange bands worded NH DES.	Replaced by unlighted buoy Dec. 1 to Apr. 1. Private aid.
							* 47/13
8566.5	*New Hampshire DES Oil Boom Deployment Lighted Buoy F*	43-06-40.05N 70-51-37.52W	Fl W 4s			White with orange bands worded NH DES.	Replaced by unlighted buoy Dec. 1 to Apr. 1. Private aid.
							* 47/13
8566.6	*New Hampshire DES Oil Boom Deployment Lighted Buoy G*	43-06-40.92N 70-51-39.84W	Fl W 4s			White with orange bands worded NH DES.	Replaced by unlighted buoy Dec. 1 to Apr. 1. Private aid.
							* 47/13
8566.7	*New Hampshire DES Oil Boom Deployment Lighted Buoy H*	43-06-34.33N 70-51-32.19W	Fl W 4s			White with orange bands worded NH DES.	Replaced by unlighted buoy Dec. 1 to Apr. 1. Private aid.
							47/13
8566.8	*New Hampshire DES Oil Boom Deployment Lighted Buoy I*	43-06-34.97N 70-51-34.17W	Fl W 2.5s			White with orange bands worded NH DES.	Replaced by unlighted buoy Dec. 1 to Apr. 1. Private aid.
							* 47/13
8566.9	*New Hampshire DES Oil Boom Deployment Lighted Buoy J*	43-06-23.69N 70-51-21.54W	Fl W 2.5s			White with orange bands worded NH DES.	Replaced by unlighted buoy Dec. 1 to Apr. 1. Private aid.
							* 47/13
8566.91	*New Hampshire DES Oil Boom Deployment Lighted Buoy K*	43-06-24.35N 70-51-23.84W	Fl W 4s			White with orange bands worded NH DES.	Replaced by unlighted buoy Dec. 1 to Apr. 1. Private aid.
							* 47/13
10911	RESERVED CHANNEL OIL BARRIER LIGHT						*Remove from list.*
							* 47/13
10971	- LIGHT 5	42-23-11.74N 71-01-21.14W	Oc G 4s	20	3	SG on wood multi-pile.	
			*				47/13
10972	- LIGHT 6	42-23-10.82N 71-01-18.53W	Oc R 4s	20	3	TR on wood multi-pile.	
			*				47/13
13125	*- Lighted Buoy 9* On south-southeast side of shoal.	41-42-56.87N 70-17-25.23W	Fl G 4s		3	Green.	Replaced by can from Oct. 15 to Apr. 15.
*		*	*			*	* 47/13

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 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	
18555	POMHAM ROCKS LIGHT	41-46-39.06N 71-22-10.39W	F R	54	6	White octagonal tower attached to dwelling.	Higher intensity beam up and and down stream.	
				*				47/13

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	
1995	- OUTER LIGHT 1C	39-20-40.56N 75-22-01.05W	Q G	24	4	SG on square tower.		
	*				*			47/13
7410	*- Lighted Buoy 58* 75 feet outside channel limits.	37-39-21.72N 76-08-07.22W	Fl R 4s		5	Red.	Replaced by nun when endangered by ice.	
	*				*			47/13
8991	- NORTH RANGE FRONT PASSING LIGHT	39-29-36.33N 75-56-18.04W	Fl W 2.5s	8	4	On same structure as Elk River Channel North Range Front Light.		
				*	*			47/13
13415	*- Entrance Channel Lighted Buoy 5*	37-09-30.82N 76-12-42.49W	Fl G 2.5s		5	Green.		
					*			47/13
20915	*- Channel Lighted Buoy 10*	39-13-26.17N 76-34-15.98W	Fl R 4s		5	Red.		
					*			47/13
39223	- Buoy 61A	34-35-53.08N 77-14-30.88W				Green can with yellow square.		
		*						47/13

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	
*915.1	Neptune Memorial Reef Buoy AA	25-42-03.00N 80-05-28.80W				Yellow can.	Private aid.	
								47/13
*915.2	Neptune Memorial Reef Buoy BB	25-42-03.00N 80-05-18.90W				Yellow can.	Private aid.	
								47/13
*915.3	Neptune Memorial Reef Buoy CC	25-41-54.00N 80-05-28.80W				Yellow can.	Private aid.	
								47/13
*915.4	Neptune Memorial Reef Buoy DD	25-41-54.00N 80-05-18.90W				Yellow can.	Private aid.	
								47/13
18013	Lee County Artificial Reef Buoy BJ						*Remove from list.*	
							*	47/13
20000.1	*Lee County Artificial Reef Lighted Buoy CP*						*Remove from list.*	
							*	47/13
20000.2	*Lee County Artificial Reef Lighted Buoy CH*						*Remove from list.*	
							*	47/13

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Denotes a new entry when preceding the station number.

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	
*23327	- Warning Daybeacon A	27-51-26.80N 81-47-06.70W				NW on pile worded WARNING.	Private aid.	47/13
*23327.1	- Warning Daybeacon B	27-51-26.70N 82-47-07.90W				NW on pile worded WARNING.	Private aid.	47/13
31265	*Isla Palominos Lighted Buoy 2*	18-21-09.77N 65-33-31.76W	Fl R 4s		5 *	Red.		47/13
31445	*- Channel Lighted Buoy 3*	18-12-10.87N 65-36-38.29W	Fl G 4s		5 *	Green.		47/13
31570	*- Lighted Buoy 4*	18-10-17.06N 65-31-06.78W	Fl R 2.5s		5 *	Red.		47/13
31700	*Bajos Grampus South Lighted Buoy 2*	18-15-24.07N 65-11-42.15W	Fl R 4s		5 *	Red.		47/13
38345	- LIGHT 88	30-23-25.40N 81-27-47.49W *	Fl R 2.5s	12	3	TR-TY on pile.		47/13
39470	- Daybeacon 66	29-45-26.88N 81-15-03.79W *				TR-TY on pile.		47/13
39570	- LIGHT 87	29-40-10.18N 81-13-02.55W *	Fl G 4s	12	5 *	SG-SY on pile.		47/13
56125	- LIGHT 69	26-41-17.01N 82-13-43.32W	Fl G 4s	16	5 *	SG-SY on dolphin.		47/13

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	
8093	*Mississippi Phosphates Lighted Danger Buoy*						*Remove from list.* *	47/13
*8522	*Mississippi Phosphates Lighted Danger Buoy*	30-21-07.36N 88-30-20.33W	Fl W 2.5s			Marks submerged pipeline.	Private aid.	47/13
11025	- LEADING LIGHT	30-14-59.07N 89-51-57.69W	Iso W 6s	17	5 *	NB on dolphin.	Visible all around; higher intensity down channel.	47/13
13550	LIVE OAK LIGHT 69 RDB Mile 68.6.	29-45-28.50N 90-01-37.64W	Iso G 6s	25	5 *	SG on skeleton tower on piles.		47/13
13560	OAKVILLE LIGHT 71 On same structure as Cedar Grove Anchorage Lower Daybeacon Mile 69.9	29-46-41.50N 90-01-30.42W	Iso G 6s		5 *	SG on skeleton tower on piles.		47/13
13590	SCARSDALE LIGHT 76 LDB mile 75.2.	29-50-18.46N 89-59-02.85W	Iso R 6s		5 *	TR on skeleton tower on piles.		47/13

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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
13665	POYDRAS LIGHT 82 LDB mile 81.6.	29-51-52.04N 89-54-35.48W	Iso R 6s		5	TR on skeleton tower on piles.	Higher intensity beam up and down river.
					*		47/13
13690	SAXONHOLM LIGHT 86 LDB mile 86.0.	29-55-26.10N 89-55-27.90W	Iso R 6s		5	TR on pile.	Higher intensity beam up and down river.
					*		47/13
14000	SOUTHPORT LIGHT 104 LDB mile 104.7.	29-57-33.42N 90-09-04.39W	Iso R 6s		5	TR on skeleton tower on piles.	
					*		47/13
14380	BONNET CARRE CREVASSE LIGHT 132A LDB mile 132.9.	30-02-49.45N 90-28-27.47W	Iso R 6s		5	TR on skeleton tower on piles.	
					*		47/13
14395	BONNET CARRE POINT LIGHT 133 RDB mile 133.5.	30-02-53.96N 90-29-25.50W	Iso G 6s		5	SG on skeleton tower on piles.	
					*		47/13
14765	T.T. BARGE DOCK LIGHTS(2) RDB mile 162.3	30-03-15.04N 90-50-49.68W	Fl G 2.5s	10		On dock.	Private aid.
	*						47/13
14980	GEM LIGHT 180A LDB mile 180.9.	30-08-37.79N 90-59-47.89W	Iso R 6s		5	TR on skeleton tower on piles.	
					*		47/13

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
185	**Anacapa Island Light**	34-00-57.02N 119-21-34.41W	Fl (2) W 60s 0.3s fl 14.7s ec. 0.3s fl 44.7s ec.		14	White cylindrical tower. 40	HORN: 1 blast ev 15s (2s bl). Operates continuously.
			*	*	*		* 47/13
305 4110	**Santa Cruz Light**	36-57-05.34N 122-01-36.36W	Fl W 5s	60	12	White lantern house on brick building. 39	Obscured from 040° to 265°. Private aid.
							* 47/13
695 9890	**Cape Disappointment Light**	46-16-32.83N 124-03-07.77W	Al W R 30s 0.3s W fl 14.7s ec. 0.3s R fl 14.7s ec.	220	W 21 R 19	White conical tower with white band at top and bottom, black band in middle. 53	Lighted throughout 24 hours.
					*		47/13
3022	- LIGHT 6	33-44-11.15N 118-12-08.30W	Fl R 6s	30	5	TR on post.	
					*		47/13
3127	PIER 400 LIGHT E	33-42-40.00N 118-14-13.88W	Fl W 4s	35	5	NR on post.	
					*		47/13
3128	PIER 400 LIGHT S	33-42-57.39N 118-14-45.76W	Fl W 6s	45	5	NR on post.	
					*		47/13
3129	PIER 400 LIGHT T	33-42-57.68N 118-15-03.87W	Iso W 4s	50	5	NR on post.	
			*		*		47/13

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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
9890 695	**Cape Disappointment Light**	46-16-32.83N 124-03-07.77W	Al W R 30s 0.3s W fl 14.7s ec. 0.3s R fl 14.7s ec.	220	W 21 R 19	White conical tower with white band at top and bottom, black band in middle. 53	Lighted throughout 24 hours.
					*		47/13
9960	*Peacock Spit Lighted Bell Buoy 11*	46-15-43.34N 124-02-20.80W	Fl G 2.5s		4	Green.	
		*					47/13
10295	*Jim Crow Lighted Buoy 19*	46-15-29.69N 123-33-38.62W	Fl G 2.5s		4	Green.	
					*		47/13
10375	*Steamboat Slough Lighted Buoy 37*	46-14-39.59N 123-25-53.94W	Fl G 4s		4	Green.	
					*		47/13
10395	*- Range Lighted Buoy 41*	46-13-09.88N 123-25-22.08W	Fl G 4s		4	Green.	
					*		47/13
10575	*- Channel Lighted Buoy 73*	46-09-43.96N 123-14-32.96W	Fl G 4s		4	Green.	
					*		47/13
10765	*La Du Rock Lighted Buoy 19*	46-07-51.06N 122-59-48.21W	Fl G 4s		4	Green.	
					*		47/13
10800	*Slaughters Channel Lighted Buoy 23*	46-07-29.95N 122-59-27.12W	Fl G 2.5s		4	Green.	
					*		47/13
10825	COTTONWOOD ISLAND LOWER RANGE REAR LIGHT 329 yards, 115.8° from front light.	46-04-55.03N 122-53-39.29W	Iso W 6s	63		KRB on skeleton tower.	Visible 4° each side of range line.
	*	*		*			47/13
10960	*Bybee Ledge Lighted Buoy 59*	45-58-14.57N 122-49-27.13W	Fl G 4s		4	Green.	
					*		47/13
11027	*Columbia City Lighted Buoy 75A*	45-53-43.97N 122-48-11.96W	Fl G 2.5s		4	Green.	Maintained from Aug. 15 to Oct. 1.
					*		47/13
11073	*- Turn Lighted Buoy 1*	45-50-50.01N 122-46-57.08W	Fl G 4s		4	Green.	
					*		47/13
11385	*Lieser Point Channel Lighted Buoy 18* 25 yards outside channel limit.	45-36-00.93N 122-34-15.06W	Fl R 6s		5	Red.	
					*		47/13
11486	*- Upper Range Lighted Buoy 35*	45-33-55.80N 122-26-29.31W	Fl G 2.5s		4	Green.	
					*		47/13
11580	Reed Island Channel Buoy 61	45-32-46.36N 122-17-55.05W				Green can.	
		*					47/13
11685	*- Lighted Buoy 83*	45-34-58.43N 122-06-32.31W	Fl G 4s		4	Green.	
					*		47/13

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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	
12820	- Buoy A	45-56-27.79N 119-17-26.10W				White can with orange bands and orange diamond with orange center cross worded A.	Aid maintained by U.S. Army Corps of Engineers.	
							*	47/13
12825	- Buoy B	45-56-21.00N 119-17-18.00W				White can with orange bands and orange diamond with orange center cross worded B.	Aid maintained by U.S. Army Corps of Engineers.	
							*	47/13
12830	- Buoy C	45-56-15.00N 119-17-19.00W				White can with orange bands and orange diamond with orange center cross worded C.	Aid maintained by U.S. Army Corps of Engineers.	
							*	47/13
12835	- Buoy D	45-56-08.00N 119-17-21.00W				White can with orange bands and orange diamond with orange center cross worded D.	Aid maintained by U.S. Army Corps of Engineers.	
							*	47/13
12840	- Buoy E	45-56-02.00N 119-17-22.00W				White can with orange bands and orange diamond with orange center cross worded E.	Aid maintained by U.S. Army Corps of Engineers.	
							*	47/13
12845	- Buoy F	45-55-56.00N 119-17-24.00W				White can with orange bands and orange diamond with orange center cross worded DAM.	Aid maintained by U.S. Army Corps of Engineers.	
							*	47/13
12850	- Buoy G	45-55-52.00N 119-17-29.00W				White can with orange bands and orange diamond with orange center cross worded DAM.	Aid maintained by U.S. Army Corps of Engineers.	
							*	47/13
12855	- Buoy H	45-55-48.00N 119-17-33.00W				White can with orange bands and orange diamond with orange center cross worded DAM.	Aid maintained by U.S. Army Corps of Engineers.	
							*	47/13
*12907	WALLA WALLA YACHT CLUB BREAKWATER LIGHT	46-01-41.88N 118-56-09.09W	F Y			On floating breakwater.	Private aid.	
								47/13
*14357	*Rickey Point Sailing Club Lighted Buoy*	48-33-41.01N 118-07-22.90W	Fl W 10s			White and orange buoy.	Private aid.	
								47/13
*14943	SWAN ISLAND PIER D LIGHT	45-34-01.08N 122-43-43.26W	Q Y			On pier.	Private aid.	
								47/13
14945	SWAN ISLAND PIER C LIGHT	45-34-05.57N 122-43-33.43W	Q Y			On pier.	Private aid.	
		*	*	*		*		47/13
14950	SWAN ISLAND PIER A LIGHT	45-34-07.52N 122-43-25.70W	Q Y			On pier.	Private aid.	
		*	*	*		*	*	47/13

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 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	
18450	PEALE PASSAGE FISH PEN LIGHTS (2)	47-12-02.60N 122-54-13.00W	Fl Y 6s			On floating pen.	Private aid.	
		*				*		47/13
18452	SQUAXIN ISLAND FISH PEN LIGHTS (2)	47-12-11.10N 122-54-17.20W	Fl Y 6s			On floating pen.	Private aid.	
		*		*		*		47/13
19620	- MARINA ENTRANCE LIGHT 2	48-32-23.77N 123-00-52.35W	Fl G 2.5s	8	3	TR on pier.		
							*	47/13
19625	- MARINA ENTRANCE LIGHT 1	48-32-23.20N 123-00-54.24W	Fl R 2.5s	8	3	SG on pier.		
							*	47/13

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VII GREAT LAKES, 2013

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
21490	**Seul Choix Point Light**	45-55-17.08N 85-54-43.14W	Fl W 6s	80 24	16	80		
					*			47/13

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, 2013 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
*28588.85 *D 7325.95*	- -East breakwater.	24° 22.9′ N 56° 44.6′ E	**Fl.R.** period 5s	20 **6**	5	Metal post; 10.		47/13

CORRECTIONS TO PUB 116, LIST OF LIGHTS, 2013 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
*12174	-New Fishing Port No 39.	57° 23.7′ N 21° 32.3′ E	**Fl.G.** period 2s fl. 0.5s, ec. 1.5s	23 **7**	1	Green round column with platform; 16.		47/13
12292 *C 3536.4*	-Training wall, N. head.						*Remove from list.*	* 47/13
12544 *C 3638.1*	- - -Rear, 755 meters 163° 12′ from front.	58° 38.9′ N 23° 18.8′ E	**Oc.W.** period 5s lt. 3s, ec. 2s	161 **49**	**15**	Iron framework tower, white rectangular daymark; 131.	Visible 159° -167° .	* 47/13
12781 *C 3799*	-Kopli entrance Range, front.	59° 26.1′ N 24° 40.8′ E	**Iso.R.** period 4s	33 **10**	7	Red round metal tower, grey base, white shields on sides; 36.	Visible 127° -139° .	* 47/13
12781.1 *C 3799.1*	- -Rear, 387 meters 133° from front.	59° 26.0′ N 24° 41.1′ E	**Iso.R.** period 4s	66 **20**	7	Metal framework tower, white rectangular daymark, red stripe; 49.	Visible 127° -139° . Synchronized with front.	* 47/13

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 47/13

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	2013	46*,47/13
Region 2	2013	46/13*
Region 3	2013	46/13*
Region 4	2013	46/13*
Region 5	2013	46/13*
Region 6	2013	46/13*
Region 7	2013	46/13*
Region 8	2013	46/13*
Region 9	2013	46/13*
Miscellaneous Charts and Publications	2013	46*,47/13
NGA LIST OF LIGHTS		
PUB 110	2013	18*,21,22,23,24,25, 27,30,31,32,33,36, 37,39,40,41,42,43, 44,46/13
PUB 111	2013	32*,34,35,39,41,43, 44/13
PUB 112	2013	46*,47/13
PUB 113	2013	42*,44/13
PUB 114	2013	21*,32,34,44,46/13
PUB 115	2013	35*,39/13
PUB 116	2013	26*,37,38,39,42, 47/13
SAILING DIRECTIONS		
PUB 120	2013	15/13*
PUB 123	2013	37/13*
PUB 124	2013	22/13*
PUB 125	2013	31/13*
PUB 126	2013	4/13*
PUB 127	2013	36/13*
PUB 131	2011	26/11*
PUB 132	2011	9/11*
PUB 140	2013	8/13*
PUB 141	2013	16/13*
PUB 142	2013	7/13*
PUB 143	2011	33/11*
PUB 145	2013	15/13*
PUB 146	2013	39/13*
PUB 147	2013	20/13*
PUB 148	2013	35/13*
PUB 153	2013	18/13*
PUB 154	2013	10/13*
PUB 155	2013	19/13*
PUB 157	2012	12/12*
PUB 158	2012	21/12*
PUB 159	2011	22/11*
PUB 160	2013	12/13*
PUB 161	2013	27/13*
PUB 162	2011	33/11*
PUB 163	2011	35/11*
PUB 164	2011	43/11*
PUB 171	2013	26/13*
PUB 172	2012	24/12*
PUB 173	2013	31/13*
PUB 174	2013	40/13*
PUB 175	2010	32/10*
PUB 180	2013	29/13*
PUB 181	2010	46/10*
PUB 182	2013	42/13*
PUB 183	2013	13/13*
PUB 191	2013	38/13*
PUB 192	2013	6/13*
PUB 193	2010	37/10*
PUB 194	2013	26/13*
PUB 195	2013	15/13*
PUB 200	2011	13/11*

Publication	Ed.	Notice to Mariners No.
USCG LIGHT LIST VOLUMES I - VII		
VOLUME I	2013	21*,22,23,24,25,26, 27,28,29,30,31,32, 33,34,35,36,37,38, 39,40,41,42,43,44, 45,47/13
VOLUME II	2013	20*,21,22,23,24,25, 26,27,28,29,30,31, 32,33,34,35,36,37, 38,39,40,41,42,43, 44,45,46,47/13
VOLUME III	2013	22*,23,24,25,26,27, 28,29,30,31,32,33, 34,35,36,37,38,39, 40,41,42,43,44,45, 46,47/13
VOLUME IV	2013	22*,23,24,25,26,27, 28,29,30,31,32,33, 34,35,36,37,38,39, 40,41,42,43,44,45, 46,47/13
VOLUME V	2012	14/12*
VOLUME VI	2013	19*,20,21,22,23,24, 25,26,27,28,29,30, 31,32,33,34,35,36, 37,38,39,40,41,42, 43,44,45,46,47/13
VOLUME VII	2013	20*,21,22,23,26,27, 28,29,30,31,32,33, 34,35,36,39,42,43, 45,46,47/13
DIGITAL PUBS - QUARTERLY		
DIGITAL PUBS - QUARTERLY	2013	N42/13*
FLEET GUIDES		
PUB 940	2012	N49/12*
PUB 941	2012	N49/12*
NOS MISCELLANEOUS PUBLICATIONS		
CATALOG A	2012	22/12*
CATALOG G	2012	18/12*
CATALOG K	2012	34/12*
CATALOG L	2012	27/12*
CATALOG P	2012	32/12*
ALMANACS		
AIR ALMANAC	2014	27/13*
NAUTICAL ALMANAC	2014	23/13*
COAST PILOT		
COAST PILOT 1	43	12*,27,28,31,37, 47/13
COAST PILOT 2	43	40*,41,47/13
COAST PILOT 3	46	1*,7,12,14,16,22,27, 31,37,39,40,42,46, 47/13
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COAST PILOT 6	43	7*,11,12,13,14,16, 19,20,27,31,32,33, 35,36,37,39,45, 47/13

Publication	Ed.	Notice to Mariners No.
COAST PILOT 7	45	48*,50/12;3,8,9,11, 12,13,14,16,19,20, 27,28,31,32,36,37, 39,41,42,45,46, 47/13
COAST PILOT 8	35	24*,31,37,47/13
COAST PILOT 9	31	31*,37,40,41,42,46, 47/13
RADIO NAVIGATIONAL AIDS		
PUB 117	2005	4/05*;9,25/12
AMERICAN PRACTICAL NAVIGATOR		
PUB 9	2002	36/02*;14,38/03; 40/05
INTERNATIONAL CODE OF SIGNALS		
PUB 102	2003	20/03*
WORLD PORT INDEX		
PUB 150	2012	47/12*
DISTANCES BETWEEN PORTS		
PUB 151	2001	4/02*
RADAR NAVIGATION AND MANEUVERING BOARD MANUAL		
PUB 1310	2001	51/01*
SIGHT REDUCTION TABLES (MARINE)		
PUB 229 VOL. 1	1970	11/71*
PUB 229 VOL. 2	1970	11/71*
PUB 229 VOL. 3	1970	7/71*
PUB 229 VOL. 4	1970	3/71*
PUB 229 VOL. 5	1970	3/71*
PUB 229 VOL. 6	1970	23/70*
SIGHT REDUCTION TABLES (AIR)		
PUB 249 VOL. 1	2007	38/07*
PUB 249 VOL. 2	1952	46/52*
PUB 249 VOL. 3	1952	46/52*
CHART NO. 1		
CHART NO. 1	2013	25/13*
CHART NO. 4		
CHART NO. 4	1988	N23/91*
ATLAS OF PILOT CHARTS		
PUB 106	2002	42/03*
PUB 107	1998	30/99*
PUB 109	2001	49/02*
USCG NAVIGATION RULES		
COMDTINSTM166722 D	1999	44/99*;52/00;16/04; 24/13
NOS TIDE TABLES		
W PACIFIC/INDIAN OCEAN	2013	N46/12*
WEST ATLANTIC	2013	N46/12*
EUROPE/WEST AFRICA	2013	N46/12*
EAST PACIFIC	2013	N46/12*
TIDAL CURRENT TABLES		
ATLANTIC	2013	N46/12*
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 141500Z November 2013:

2011 series	707(27,28)	359(28)	544(24)	633(15)	692(11)
385(28)	2013 series	361(28)	575(GEN)	640(28)	699(GEN)
2012 series	208(GEN)	362(28)	581(11)	644(28)	702(26)
40(28)	255(28)	437(26,28)	585(28)	646(11)	706(GEN)
286(GEN)	286(24)	462(14)	596(28)	647(11)	707(25,26)
610(GEN)	298(28)	470(24)	608(11)	688(24)	708(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 071430Z to 141500Z November 2013.

694/13 thru 698/13. CANCELED.

699/13(GEN).
1. NAVAREA IV WARNINGS IN FORCE AS OF 091000Z NOV 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), 437(26,28), 462(14),
   470(24), 544(24), 575(GEN), 581(11),
   585(28), 596(28), 608(11), 633(15), 640(28),
   644(28), 646(11), 647(11), 688(24), 692(11),
   695(12), 696(12,13), 697(GEN).
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 680/13.

(091106Z NOV 2013)

700/13 and 701/13. CANCELED.

702/13(26).
NORTHERN CARIBBEAN SEA.
CUBA TO HAITI.
WINDWARD PASSAGE.
1. SURVEY OPERATIONS IN PROGRESS UNTIL 20 NOV
   BY M/V L'ATALANTE IN AREA BOUND BY
   20-38N 074-00W, 20-28N 073-30W,
   19-10N 073-52W, 19-20N 074-30W.
   THREE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 21 NOV 13.

(101030Z NOV 2013)

703/13 thru 705/13. CANCELED.

706/13(GEN).
WESTERN NORTH ATLANTIC.
ROCKETS.
1. HAZARDOUS OPERATIONS 181828Z TO 182108Z NOV, ALTERNATE
   191822Z TO 192102Z AND 201815S TO 202055Z NOV
   IN AREAS BOUND BY:
   A. 28-36N 080-35W, 28-36N 080-16W,
      28-34N 079-53W, 28-32N 079-53W,
      28-33N 080-16W, 28-34N 080-32W,
      28-34N 080-35W.
   B. 25-47N 058-20W, 25-21N 056-20W,
      24-29N 056-32W, 24-56N 058-32W.
2. CANCEL THIS MSG 202155Z NOV 13.

(130651Z NOV 2013)

707/13(25,26).
WESTERN NORTH ATLANTIC.
NORTHERN CARIBBEAN SEA.
DOMINICAN REPUBLIC.
HAITI.
1. SURVEY OPERATIONS BY M/V SARMIENTO DE GAMBOA:
A. 18 THRU 24 NOV AND 09 THRU 12 DEC
IN AREA BETWEEN
17-00N 18-15N AND 072-00W 074-45W.
B. 25 NOV THRU 02 DEC IN AREA BETWEEN
19-55N 20-30N AND 069-30W 073-10W.
C. 03 THRU 17 DEC IN AREA BETWEEN
17-15N 18-30N AND 068-15W 070-00W.
THREE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 18 DEC 13.

(130704Z NOV 2013)

708/13(GEN).
NORTH AMERICAN ICE SERVICE (NAIS) ICEBERG BULLETIN.
1. 140001Z NOV ICEBERG LIMIT ALONG TRACKLINE JOINING
51-00N 055-50W, 51-00N 054-00W, 51-45N 049-45W,
54-00N 050-30W, 60-00N 059-30W.
2. WESTERN ICEBERG LIMIT ALONG TRACKLINE JOINING
50-45N 059-00W, 49-40N 059-00W, 49-30N 058-05W.
3. SEA ICE LIMIT ALONG TRACKLINES JOINING:
A. 61-55N 066-00W, 62-10N 064-00W, 66-05N 057-40W.
B. 63-30N 078-10W, 63-45N 077-35W, 64-10N 074-25W,
62-30N 070-50W, 61-55N 066-50W, 61-55N 066-35W.
C. 62-35N 074-00W, 62-25N 072-45W, 61-00N 069-00W,
59-00N 068-35W, 58-35N 067-00W, 60-20N 064-50W.
4. 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.
5. CANCEL THIS MSG 150001Z NOV 13.

(132222Z NOV 2013)

HYDROLANTS

Messages in force 141500Z November 2013:

2011 series	202(24)	1680(44)	2530(24)	2776(GEN)	2845(24)
483(24)	277(24)	1696(37)	2534(57)	2781(37)	2848(54)
881(56)	345(24)	1880(24)	2540(55)	2788(51)	2849(35)
1291(37)	565(35,37)	1944(43)	2543(37)	2794(37)	2850(25)
1331(37,43)	572(37)	1981(37)	2553(52,53)	2795(52,53)	2851(54)
1401(24)	618(37)	2021(24)	2575(57)	2796(37)	2853(24)
1652(35)	620(GEN)	2044(35)	2576(37)	2797(24)	2855(36)
1879(24)	846(51)	2060(24)	2582(57)	2802(54,55)	2857(37)
1966(37)	856(35)	2093(24)	2586(24)	2808(24)	2858(24)
2012 series	857(35)	2094(55)	2587(37)	2811(26)	2859(25,26)
117(53)	946(24)	2122(37)	2592(37)	2812(51)	2860(56)
641(35,43)	1151(37)	2139(54,56)	2620(53,54)	2817(55)	2861(57)
751(37)	1230(37)	2158(36)	2624(24)	2819(55)	2862(57)
1956(24)	1306(44)	2173(54)	2666(55)	2821(24)	2863(55)
2118(35)	1390(55)	2209(57)	2672(37)	2822(24)	2864(23,24)
2305(24)	1406(36)	2219(24)	2700(57)	2823(24)	2865(26)
2501(37)	1565(55)	2245(24)	2707(37)	2825(GEN)	2867(37)
2839(37)	1566(55)	2296(GEN)	2748(35)	2826(53,56)	2869(24)
2908(37)	1583(37)	2397(35,37)	2758(57)	2828(GEN)	2870(24)
2013 series	1592(57)	2439(51)	2759(57)	2829(24)	2871(24)
7(54)	1605(57)	2445(35,36)	2760(54)	2830(11)	2872(54,56)
9(54)	1608(37)	2450(24)	2765(56)	2832(37)	
10(54)	1613(36)	2479(57)	2768(25)	2833(53,54)	
11(54)	1637(37)	2496(57)	2771(36)	2837(37)	

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 071430Z to 141500Z November 2013.

2802/13(54,55).
BLACK SEA.
AEGEAN SEA.
TURKEY.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 0700Z TO 1500Z DAILY
07 THRU 15 NOV IN AREAS BOUND BY:
A. 42-11.0N 029-24.1E, 42-25.1N 030-09.1E,
41-49.0N 030-50.1E, 41-45.0N 030-23.1E.
B. 39-53.0N 026-00.0E, 40-00.0N 026-00.0E,
40-00.0N 026-11.3E, 39-53.0N 026-09.5E.
2. CANCEL THIS MSG 151600Z NOV 13.

(071511Z NOV 2013)

2803/13 thru 2807/13. CANCELED.

2808/13(24).
BRAZIL-NORTHEAST COAST.
GUNNERY.
1. GUNNERY EXERCISES 1200Z TO 1800Z DAILY
13 AND 14 NOV WITHIN TEN MILES OF
05-40S 034-13W.
2. CANCEL THIS MSG 141900Z NOV 13.

(080229Z NOV 2013)

2809/13 and 2810/13. CANCELED.

2811/13(26).
WESTERN NORTH ATLANTIC.
TWO RED FLARES SIGHTED IN 29-48N 071-10W. 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.

(080500Z NOV 2013)

2812/13(51).
EASTERN NORTH ATLANTIC.
SENEGAL.
M/V FATOU DIOP GUEYE, WHITE HULL, FIVE PERSONS ON BOARD,
OVERDUE VICINITY 14-00N 018-00W. VESSELS IN VICINITY
REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO MRCC DAKAR, PHONE: 2213 3826 5001,
FAX: 2213 3826 5000.

(081216Z NOV 2013)

2813/13 thru 2816/13. CANCELED.

2817/13(55).
BLACK SEA.
UKRAINE.
GUNNERY.
1. GUNNERY EXERCISES 0530Z TO 1830Z DAILY
11 THRU 16 NOV IN AREA BOUND BY
44-42.0N 032-49.0E, 44-36.5N 032-39.9E,
44-41.0N 032-11.9E, 44-48.0N 032-07.9E,
44-59.5N 032-16.4E, 44-54.0N 032-33.0E.
2. CANCEL THIS MSG 161930Z NOV 13.

(081816Z NOV 2013)

2818/13. CANCELED.

2819/13(55).
BLACK SEA.
RUSSIA.
GUNNERY.
1. GUNNERY EXERCISES 0500Z TO 1300Z DAILY
11 THRU 16 NOV IN AREA BOUND BY
44-12.0N 036-39.0E, 44-31.0N 036-43.0E,
44-31.1N 037-02.0E, 44-19.0N 037-00.0E.
2. CANCEL THIS MSG 161400Z NOV 13.

(081828Z NOV 2013)

2820/13. CANCELED.

2821/13(24).
BRAZIL-SOUTH COAST.
MAN OVERBOARD IN 32-16.75S 050-44.78W AT 081832Z NOV.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO ANY COASTAL RADIO STATION.

(082034Z NOV 2013)

2822/13(24).
BRAZIL-SOUTHEAST COAST.
1. SEISMIC SURVEY IN PROGRESS UNTIL 160159Z NOV
BY M/V 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 160259Z NOV 13.

(090200Z NOV 2013)

2823/13(24).
BRAZIL-SOUTHEAST COAST.
1. SEISMIC SURVEY IN PROGRESS UNTIL 160159Z NOV BY
M/V NPS OCEANIC ENDEAVOUR TOWING 12
FIVE LONG CABLES IN AREA BOUND BY
25-53.53S 040-57.45W, 24-12.95S 041-55.82W,
21-54.33S 038-31.52W, 24-04.92S 037-16.62W.
SEVEN MILE BERTH REQUESTED.
2. CANCEL THIS MSG 160259Z NOV 13.

(090206Z NOV 2013)

2824/13. CANCELED.

2825/13(GEN).
1. HYDROLANT WARNINGS IN FORCE 091000Z NOV 13. ONLY THOSE
WARNINGS ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2013 SERIES: 2403(37), 2439(51), 2445(35,36), 2450(24),
2479(57), 2496(57), 2530(24), 2534(57), 2540(55), 2543(37),
2553(52,53), 2575(57), 2576(37), 2582(57), 2586(24), 2587(37),
2588(37), 2592(37), 2612(24), 2620(53,54), 2624(24),
2650(54,56), 2666(55), 2672(37), 2700(57), 2707(37), 2731(55),
2736(24), 2748(35), 2758(57), 2759(57), 2760(54), 2765(56),

2768(25), 2771(36), 2776(GEN), 2781(37), 2788(51), 2792(36),
2794(37), 2795(52,53), 2796(37), 2797(24), 2798(24),
2802(54,55), 2806(57), 2807(51), 2808(24), 2809(24), 2811(26),
2812(51), 2815(23,24), 2816(23,24), 2817(55), 2818(54),
2819(55), 2821(24), 2822(24), 2823(24), 2824(24).
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 1354/08, 1681/11, 1426/13,
2691/13, 2710/13, 2715/13, 2724/13, 2733/13,
2742/13, 2743/13, 2745/13, 2769/13, 2775/13,
2784/13, 2793/13, 2810/13.

(091108Z NOV 2013)

2826/13(53,56).
EASTERN MEDITERRANEAN SEA.
LIBYA.
VESSEL, 60 PERSONS ON BOARD, REQUESTING ASSISTANCE
VICINITY 34-00N 014-00E. VESSELS IN VICINITY
REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO MRCC ROME, INMARSAT-C: 424744220,
PHONE: 39 065 592 4145, 39 065 908 4409,
FAX: 390 6592 2737, 3906 5908 4793,
E-MAIL: ITMRCC@MIT.GOV.IT.

(091325Z NOV 2013)

2827/13. CANCELED.

2828/13(GEN).
WESTERN NORTH ATLANTIC.
VIRGINIA TO U.S. VIRGIN ISLANDS.
51 FOOT S/V LANCER, FOUR PERSONS ON BOARD,
UNREPORTED HAMPTON ROADS (38-58N 076-22W)
TO U.S. VIRGIN ISLANDS (18-21N 064-56W).
LAST KNOWN POSITION 34-09N 072-08W AT 081725Z NOV.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP
LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO RCC NORFOLK,
PHONE: 757 398 6390, FAX: 757 398 6392,
E-MAIL: RCCNORFOLK@USCG.MIL.

(091824Z NOV 2013)

2829/13(24).
BRAZIL-SOUTH COAST.
1. CABLE REPAIR OPERATIONS 10 THRU 30 NOV BY
CABLESHIP IT INTREPID IN 23-18.04S 043-21.88W.
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 01 DEC 13.

(092112Z NOV 2013)

2830/13(11).
GULF OF MEXICO.
LOUISIANA.
MAN OVERBOARD FROM M/V DUSTIN DANOS VICINITY
28-03N 090-33W. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO NEAREST U.S. COAST GUARD STATION.

(092254Z NOV 2013)

2831/13. CANCELED.

2832/13(37).
SOUTHERN NORTH SEA.
UNDERWATER OPERATIONS IN PROGRESS UNTIL FURTHER
NOTICE BY CABLESHIP WAVE SENTINEL VICINITY
52-28.3N 003-10.6E. WIDE BERTH REQUESTED.

(100857Z NOV 2013)

2833/13(53,54).
IONIAN SEA.
GREECE TO ITALY.
VESSEL, NUMEROUS PERSONS ON BOARD, IN NEED OF ASSISTANCE
VICINITY 38-00N 019-00E. 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.

(100909Z NOV 2013)

2834/13 thru 2836/13. CANCELED.

2837/13(37).
SOUTHERN NORTH SEA.
CHART 37166
1. ALL NAVIGATIONAL AIDS AT PLATFORM HORNE AND WREN
52-54.3N 002-35.9E INOPERATIVE.
2. CANCEL HYDROLANT 1636/13.

(101539Z NOV 2013)

2838/13 thru 2844/13. CANCELED.

2845/13(24).
BRAZIL-NORTHEAST COAST.
1. PIPELAYING OPERATIONS 1100Z TO 1800Z DAILY
UNTIL 11 MAY 14 WITHIN ONE MILE OF
04-50S 036-30W. WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 111900Z MAY 14.

(111622Z NOV 2013)

2846/13 and 2847/13. CANCELED.

2848/13(54).
ADRIATIC SEA.
CROATIA.
1. UNDERWATER OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE
BY M/V NORTHERN EXPLORER IN AREA BOUND BY
42-15.5N 016-03.1E, 42-52.2N 016-57.3E,
42-40.1N 017-23.2E, 42-38.4N 017-35.2E,
42-36.7N 017-56.1E, 42-06.1N 016-58.7E,
42-07.7N 016-52.3E, 42-12.2N 016-45.3E.
FOUR MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 2835/13.

(111720Z NOV 2013)

2849/13(35).
EASTERN NORTH ATLANTIC.
SHETLAND ISLANDS.
CHART 35064
WELLS ESTABLISHED WITHIN 600 METERS
OF 60-03.8N 003-58.6W.

(111740Z NOV 2013)

2850/13(25).
WESTERN NORTH ATLANTIC.
DISTRESS SIGNAL RECEIVED ON 406 MHZ IN
20-07.7N 065-46.1W. VESSELS IN VICINITY
REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST
IF POSSIBLE. REPORTS TO RSC SAN JUAN,
PHONE: 787 289 2041, E-MAIL: SSJCC@USCG.MIL.

(112333Z NOV 2013)

2851/13(54).
ADRIATIC SEA.
17 METER F/V MARIA MADRE, THREE PERSONS ON BOARD,
UNREPORTED VICINITY 43-00N 015-00E. 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.

(120227Z NOV 2013)

2852/13. CANCELED.

2853/13(24).
BRAZIL-NORTH COAST.
VESSEL MERCES II, ONE PERSON ON BOARD, UNREPORTED.
LAST KNOWN POSITION 03-16S 039-03W. VESSELS IN
VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST
IF POSSIBLE. REPORTS TO ANY COASTAL RADIO STATION.

(120855Z NOV 2013)

2854/13. CANCELED.

2855/13(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.

(121412Z NOV 2013)

2856/13. CANCELED.

2857/13(37).
SOUTHERN NORTH SEA.
ORDNANCE.
CHART 37166
UNEXPLODED ORDNANCE REPORTED IN 52-13.56N 002-49.07E.

(130235Z NOV 2013)

2858/13(24).
BRAZIL-SOUTH COAST.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 1600Z TO 1800Z DAILY 18 AND 19 NOV:
A. IN AREA BOUND BY
23-02.03S 043-51.03W, 23-02.00S 043-35.03W,
23-04.03S 043-35.03W, 23-05.03S 043-51.03W.
B. WITHIN 5.5 MILES OF 23-04.03S 043-52.03W.
C. VICINITY OF TRACKLINE BETWEEN
23-01.03S 043-47.33W AND 23-10.03S 043-52.00W.
2. CANCEL THIS MSG 191900Z NOV 13.

(130721Z NOV 2013)

2859/13(25,26).
WESTERN NORTH ATLANTIC.
S/V SOUTHERN CROSS, THREE PERSONS ON BOARD, DISABLED
AND ADRIFT IN 31-26N 065-27W. 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.

(130853Z NOV 2013)

2860/13(56).
EASTERN MEDITERRANEAN SEA.
ISRAEL.
1. SEISMIC SURVEY IN PROGRESS UNTIL 08 DEC BY
M/V POLAR DUKE TOWING 12 8700 METER LONG
CABLES IN AREA BOUND BY
33-12N 034-32E, 32-58N 034-49E,
32-27N 034-11E, 32-42N 033-55E.
SIX MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 2856/13.
3. CANCEL THIS MSG 09 DEC 13.

(130913Z NOV 2013)

2861/13(57).
EASTERN SOUTH ATLANTIC.
NAMIBIA.
CHART 57380
RACON AT PELICAN POINT LIGHT 22-53.5S 014-26.1E INOPERATIVE.

(131238Z NOV 2013)

2862/13(57).
EASTERN SOUTH ATLANTIC.
ANGOLA.
1. SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE
BY M/V RAMFORM VIKING IN AREAS BOUND BY:
A. 06-06.8S 011-11.8E, 06-05.6S 011-17.3E,
06-13.4S 011-19.1E, 06-23.0S 011-21.3E,
06-24.4S 011-15.2E, 06-20.8S 011-14.4E,
06-21.1S 011-13.2E, 06-14.1S 011-11.6E,
06-13.6S 011-13.4E.
B. 06-24.4S 010-58.7E, 06-24.4S 011-02.3E,
06-22.7S 011-02.3E, 06-29.7S 011-07.7E,
06-29.9S 011-07.7E, 06-31.9S 011-06.8E,
06-31.9S 011-04.2E, 06-33.7S 011-04.2E,
06-33.7S 011-00.6E, 06-31.9S 010-58.7E.
WIDE BERTH REQUESTED.
2. CANCEL HYDROLANT 1806/13.

(131310Z NOV 2013)

2863/13(55).
BLACK SEA.
ROMANIA.
HAZARDOUS OPERATIONS.
1. HAZRADOUS OPERATIONS:
A. 140900Z TO 141300Z IN AREA BETWEEN
43-45N 43-55N AND 029-08E 029-30E.
B. 141100Z TO 141500Z IN AREA BETWEEN
43-45N 43-55N AND 028-51E 029-08E.
2. CANCEL THIS MSG 141600Z NOV 13.

(131326Z NOV 2013)

2864/13(23,24).
WESTERN SOUTH ATLANTIC.
URUGUAY.
1. SEISMIC SURVEY BY M/V WESTERN REGENT TOWING TEN
8800 METER LONG CABLES:
A. 13 NOV ALONG TRACKLINE BETWEEN
36-09.13S 051-57.05W AND 36-27.00S 051-39.42W.
B. 13 NOV ALONG TRACKLINE BETWEEN
36-11.57S 051-45.32W AND 35-45.08S 052-11.08W.
C. 13 NOV ALONG TRACKLINE BETWEEN
35-45.35S 052-17.90W AND 35-59.60S 052-04.18W.
D. 13 AND 14 NOV ALONG TRACKLINE BETWEEN
36-13.45S 051-50.27W AND 35-43.53S 052-19.38W.
E. 14 NOV ALONG TRACKLINE BETWEEN
36-13.10S 051-49.28W AND 36-01.53S 052-00.55W.
F. 14 NOV ALONG TRACKLINE BETWEEN
36-10.45S 051-58.75W AND 36-31.47S 051-38.03W.
EIGHT MILE BERTH REQUESTED.
2. CANCEL THIS MSG 15 NOV 13.

(131435Z NOV 2013)

2865/13(26).
WESTERN NORTH ATLANTIC.
DISTRESS SIGNAL RECEIVED ON 406 MHZ IN 32-56.1N 070-45.7W.
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.

(131653Z NOV 2013)

2866/13. CANCELED.

2867/13(37).
SOUTHERN NORTH SEA.
CHART 37057
1. ALL NAVIGATIONAL AIDS AT PLATFORMS INOPERATIVE:
A. 49/17-CD, 53-25.4N 002-22.5E.
B. 49/17-GD, 53-26.8N 002-15.3E.
C. 49/17-HD, 53-29.8N 002-19.4E.
2. CANCEL HYDROLANT 2588/13.

(132353Z NOV 2013)

2868/13. CANCELED.

2869/13(24).
BRAZIL-EAST COAST.
F/V SOL DA MANHA II ADRIFT VICINITY
19-50.44S 039-39.70W. VESSELS IN VICINITY
REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST
IF POSSIBLE. REPORTS TO ANY COASTAL RADIO STATION.

(140216Z NOV 2013)

2870/13(24).
BRAZIL-SOUTH COAST.
GUNNERY.
1. GUNNERY EXERCISES 191800Z TO 192100Z NOV
IN AREA BOUND BY
33-50.20S 053-00.50W, 33-34.80S 052-45.40W,
33-28.50S 052-54.40W, 33-43.90S 053-09.40W.
2. CANCEL THIS MSG 192200Z NOV 13.

(140223Z NOV 2013)

2871/13(24).
WESTERN SOUTH ATLANTIC.
URUGUAY.
1. SEISMIC SURVEY BY M/V RAMFORM VANGUARD TOWING 12
7000 METER LONG CABLES:
A. 13 AND 14 NOV ALONG TRACKLINE BETWEEN
36-02.53S 053-04.67W AND 35-15.68S 052-17.72W.
B. 13 AND 14 NOV ALONG TRACKLINE BETWEEN
35-21.18S 052-12.95W AND 36-14.43S 053-06.40W.
C. 14 AND 15 NOV ALONG TRACKLINE BETWEEN
36-01.98S 053-04.63W AND 35-15.48S 052-18.03W.
NINE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 16 NOV 13.

(140351Z NOV 2013)

2872/13(54,56).
EASTERN MEDITERRANEAN SEA.
CYPRUS.
1. SURVEY OPERATIONS IN PROGRESS UNTIL
10 JAN 14 BY M/V PRINCESS
IN AREA BOUND BY
34-10.0N 033-35.0E, 34-40.0N 033-35.0E,
34-40.0N 033-50.0E, 34-50.0N 033-50.0E,
34-50.0N 034-15.0E, 34-55.0N 034-15.0E,
34-55.0N 034-56.0E, 34-45.0N 034-56.0E,
34-39.3N 034-53.5E, 34-23.2N 034-44.0E,
34-10.0N 034-29.2E.
TEN MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 2650/13.
3. CANCEL THIS MSG 11 JAN 14.

(141135Z NOV 2013)

NAVAREA XII

Messages in force 141500Z November 2013:

2012 series	2013 series	153(21)	239(21)	286(GEN)
110(97)	95(GEN)	181(21)	268(21)	287(18)
334(21)	119(21)	235(GEN)	281(18)	289(16,17)

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 071430Z to 141500Z November 2013.

285/13. CANCELED.

286/13(GEN).
1. NAVAREA XII WARNINGS IN FORCE AS OF 091000Z NOV 13.
2012 SERIES: 110(97), 334(21).
2013 SERIES: 95(GEN), 119(21), 153(21), 181(21),
235(GEN), 239(21), 268(21), 281(18), 285(19).
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 282/13.

(091110Z NOV 2013)

287/13(18).
EASTERN NORTH PACIFIC.
CALIFORNIA.
1. OCEANOGRAPHIC OPERATIONS IN PROGRESS UNTIL 26 NOV BY
M/V NEW HORIZON VICINITY OF TRACKLINE JOINING
32-40.8N 117-52.4W, 31-30.8N 120-14.8W,
30-30.8N 122-15.5W, 30-45.1N 123-19.9W,
32-05.1N 120-38.3W, 32-55.1N 118-56.1W,
33-53.4N 118-29.4W, 33-09.4N 120-00.4W,
31-59.4N 122-23.6W, 32-14.7N 123-29.5W,
33-34.7N 120-45.3W, 34-13.5N 119-24.7W,
34-53.3N 121-11.9W, 33-23.3N 124-19.4W,
33-29.0N 122-32.0W, 34-08.6N 120-41.0W,
34-00.8N 118-49.9W.
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 27 NOV 13.

(101007Z NOV 2013)

288/13. CANCELED.

289/13(16,17).
ALASKA-SOUTHEAST COAST.
CHART 16016
GUSTAVUS DGPS STATION 58-25.1N 135-41.8W UNUSABLE.

(140343Z NOV 2013)

HYDROPACS

Messages in force 141500Z November 2013:

2011 series	899(75)	2988(76,83)	3337(94)	3451(94)	3518(95)
1561(56)	1076(63)	3004(63)	3338(71,93)	3452(95)	3519(94)
1701(63)	1178(63)	3006(74)	3340(63)	3454(95)	3520(61)
2286(71)	1356(74)	3026(94)	3341(63)	3455(95)	3521(29)
2812(71)	1394(62)	3056(71)	3342(93)	3461(63)	3522(19)
2877(96)	1791(74)	3064(96)	3350(63)	3473(71)	3523(19)
3552(96)	2019(62)	3117(61)	3355(22)	3476(63)	3524(76)
2012 series	2107(62)	3145(GEN)	3357(94)	3485(GEN)	3525(82)
408(94)	2180(96)	3168(83)	3358(94)	3492(21,22)	3526(93)
1079(97)	2249(71)	3219(63)	3364(63)	3496(93)	3527(82)
1222(97)	2255(63)	3229(93)	3389(61)	3497(82,83)	3528(81)
1377(94,95)	2473(93,94)	3230(93)	3396(61)	3501(81)	3531(63)
1555(96)	2493(93)	3247(91,94)	3397(61)	3502(74)	3532(81)
1734(GEN)	2531(94)	3258(92)	3404(75)	3506(61)	3533(18)
1824(76)	2668(62)	3259(63)	3405(97)	3508(61)	3534(94)
1847(63)	2683(62)	3260(63)	3406(62)	3510(76)	3535(93)
2533(62)	2684(74)	3276(74)	3410(74)	3511(22)	
2920(22)	2726(22)	3284(91)	3429(74)	3513(93)	
3511(62)	2738(62)	3288(63)	3444(61)	3514(63)	
2013 series	2830(63)	3315(93)	3445(93)	3515(95)	
18(63)	2832(GEN)	3332(74)	3449(94)	3516(95)	
797(63)	2934(94)	3336(97)	3450(94)	3517(95)	

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 071430Z to 141500Z November 2013.

3463/13 thru 3472/13. CANCELED.

3473/13(71).
STRAIT OF MALACCA.
PIRACY.
M/V ATTACKED IN 01-20.6N 103-18.2E AT 061930Z NOV.
VESSELS ARE ADVISED TO KEEP CLEAR OF THIS POSITION
AND TO EXERCISE EXTREME CAUTION.
REPORTS TO IMB PIRACY REPORTING CENTER,
PHONE: 603 2031 0014, FAX: 603 2078 5769,
E-MAIL: IMBKL@ICC-CCS.ORG, PIRACY@ICC-CCS.ORG.

(080859Z NOV 2013)

3474/13 and 3475/13. CANCELED.

3476/13(63).
INDIA-WEST COAST.
TEN METER F/V BISMILLA, BLUE HULL, FOUR PERSONS ON BOARD,
OVERDUE CHAVAKKAD (10-32N 076-03E) AND RETURN.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP
LOOKOUT, ASSIST IF POSSIBLE. REPORTS
TO MRCC MUMBAI, PHONE: 9122 2430 1455,
FAX: 9122 2431 6558, 9122 2433 3727,
E-MAIL: INDSAR@VSNL.NET.

(081713Z NOV 2013)

3477/13 thru 3484/13. CANCELED.

3485/13(GEN).
1. HYDROPAC WARNINGS IN FORCE 091000Z NOV 13. ONLY THOSE
WARNINGS ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2013 SERIES: 2988(76,83), 3004(63), 3006(74), 3026(94),
3056(71), 3064(96), 3086(19,83), 3117(61), 3145(GEN),
3168(83), 3219(63), 3229(93), 3230(93), 3247(91,94),
3258(92), 3259(63), 3260(63), 3276(74), 3284(91), 3288(63),
3315(93), 3332(74), 3336(97), 3337(94), 3338(71,93),
3340(63), 3341(63), 3342(93), 3350(63), 3355(22), 3357(94),
3358(94), 3364(63), 3389(61), 3393(71), 3396(61), 3397(61),
3404(75), 3405(97), 3406(62), 3410(74), 3417(82), 3421(62),
3429(74), 3438(22), 3440(22), 3444(61), 3445(93), 3446(63),
3448(63), 3449(94), 3450(94), 3451(94), 3452(95), 3454(95),
3455(95), 3461(63), 3462(22), 3464(95), 3471(63), 3472(74),

3473(71), 3474(63), 3475(97), 3476(63).
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 3040/13, 3354/13, 3363/13, 3390/13, 3402/13, 3411/13, 3422/13, 3430/13, 3443/13, 3447/13, 3477/13, 3481/13.

(091111Z NOV 2013)

3486/13 thru 3491/13. CANCELED.

3492/13(21,22).
EASTERN NORTH PACIFIC.
DISTRESS SIGNAL RECEIVED ON 406 MHZ IN 04-54N 086-25W. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO U.S. COAST GUARD ALAMEDA, TELEX: 230172343, PHONE: 510 437 3701, E-MAIL: RCCALAMEDA@USCG.MIL.

(092132Z NOV 2013)

3493/13 thru 3495/13. CANCELED.

3496/13(93).
GULF OF TONKIN.
M/V QUANG NINH 6659, SEVEN PERSONS ON BOARD, DISABLED AND ADRIFT IN 20-41-20N 107-18-76E AT 101755Z NOV. 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.

(101931Z NOV 2013)

3497/13(82,83).
WESTERN SOUTH PACIFIC.
FIJI TO VANUATU.
1. CABLE LAYING OPERATIONS IN PROGRESS UNTIL 28 NOV BY CABLESHIP ILE DE RE ALONG TRACKLINE JOINING
18-07.8S 178-28.1E,
19-31.0S 176-18.1E,
17-42.2S 168-17.2E.
ONE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 29 NOV 13.

(102046Z NOV 2013)

3498/13 thru 3500/13. CANCELED.

3501/13(81).
NORTH PACIFIC.
1. UNDERWATER OPERATIONS 16 NOV BY M/V YOKOSUKA WITH SUBMERSIBLE IN 01-15.0N 163-14.7E.
2. CANCEL THIS MSG 17 NOV 13.

(111532Z NOV 2013)

3502/13(74).
AUSTRALIA-EAST COAST.
CHART 74220
MACKAY DGPS STATION 21-06.2S 149-12.7E INOPERATIVE.

(120007Z NOV 2013)

3503/13 thru 3505/13. CANCELED.

3506/13(61).
MOZAMBIQUE CHANNEL.
1. SEISMIC SURVEY IN PROGRESS UNTIL 30 NOV BY M/V WESTERN PATRIOT TOWING 10000 METER LONG CABLE IN AREA BOUND BY
14-00S 040-38E, 14-00S 042-48E,
17-00S 042-00E, 19-52S 041-35E,
23-45S 039-10E, 25-49S 039-10E,
27-42S 039-10E, 27-42S 033-00E,
25-49S 032-58E, 23-45S 035-32E,
19-52S 034-50E, 17-00S 039-10E.
SEVEN MILE BERTH REQUESTED.
2. CANCEL HYDROPAC 1456/13.
3. CANCEL THIS MSG 01 DEC 13.

(121118Z NOV 2013)

3507/13. CANCELED.

3508/13(61).
INDIAN OCEAN.
1. DERELICT 15 METER F/V, RED HULL, ADRIFT
VICINITY 04-16S 067-04E.
2. CANCEL THIS MSG 151352Z NOV 13.

(121354Z NOV 2013)

3509/13. CANCELED.

3510/13(76).
WESTERN SOUTH PACIFIC.
1. TEN METER S/V FANDANGO, TWO PERSONS ON BOARD, DISMASTED
IN 30-25.850S 176-16.483E AT 130030Z NOV. VESSEL
IS MAKING WAY TO NEW ZEALAND WITH LIMITED NAVIGATION
LIGHTS AND NO RADAR. VESSELS ARE REQUESTED TO KEEP
A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS
TO MARITIME OPERATIONS NEW ZEALAND,
INMARSAT-C: 451200067, PHONE: 644 550 5280,
FAX: 644 914 8334 OR TAUPO MARITIME RADIO.
2. CANCEL HYDROPAC 3509/13.

(130149Z NOV 2013)

3511/13(22).
EASTERN SOUTH PACIFIC.
CHILE.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 1230Z TO 1330Z DAILY
18 AND 20 NOV IN AREA BETWEEN
36-25S 36-30S AND 073-22W 073-07W.
2. CANCEL THIS MSG 201430Z NOV 13.

(130225Z NOV 2013)

3512/13. CANCELED.

3513/13(93).
SOUTH CHINA SEA.
F/V BD 96682TS, 13 PERSONS ON BOARD, DISABLED
AND ADRIFT DUE TO ENGINE FAILURE IN
11-35N 111-35E AT 130500Z NOV. VESSELS IN
VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO MRCC VIETNAM,
PHONE: 844 3768 3050, E-MAIL: VMRCC@FPT.VN.

(131002Z NOV 2013)

3514/13(63).
INDIA-EAST COAST.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 2330Z TO 1800Z COMMENCING DAILY
18 THRU 20 NOV:
A. IN AREA BOUND BY
19-14.60N 084-53.70E, 19-37.05N 085-27.15E,
18-46.05N 085-22.87E.
B. WITHIN 41 MILES OF TRACKLINE BETWEEN
19-37.05N 085-27.15E AND 18-46.05N 085-22.87E.
2. CANCEL THIS MSG 211900Z NOV 13.

(131146Z NOV 2013)

3515/13(95).
YELLOW SEA.
GUNNERY.
1. GUNNERY EXERCISES 0001Z TO 0800Z DAILY
18 THRU 22 NOV IN AREA BOUND BY
35-15-00N 124-41-28E, 35-15-01N 125-36-10E,
34-50-00N 125-36-12E, 34-50-00N 124-41-31E.
2. CANCEL THIS MSG 220900Z NOV 13.

(131159Z NOV 2013)

3516/13(95).
YELLOW SEA.
GUNNERY.
1. GUNNERY EXERCISES 2300Z TO 0800Z COMMENCING
DAILY 17 AND 18 NOV IN AREA BETWEEN
35-35N 36-00N AND 125-00E 125-30E.
2. CANCEL THIS MSG 190900Z NOV 13.

(131207Z NOV 2013)

3517/13(95).
YELLOW SEA.
GUNNERY.
1. GUNNERY EXERCISES 0001Z TO 0800Z DAILY
18 THRU 22 NOV IN AREA BOUND BY
36-34-58N 124-41-19E, 36-35-00N 125-36-00E,
36-05-01N 125-36-04E, 36-04-58N 124-41-23E.
2. CANCEL THIS MSG 220900Z NOV 13.

(131211Z NOV 2013)

3518/13(95).
YELLOW SEA.
GUNNERY.
1. GUNNERY EXERCISES 0001Z TO 0800Z DAILY
18 THRU 22 NOV IN AREA BOUND BY
36-35-00N 125-36-00E, 36-35-00N 124-50-00E,
37-04-21N 124-50-00E, 37-05-08N 125-36-00E.
2. CANCEL THIS MSG 220900Z NOV 13.

(131220Z NOV 2013)

3519/13(94).
NORTHERN SOUTH CHINA SEA.
TAIWAN STRAIT.
GUNNERY.
1. GUNNERY EXERCISES 2300Z TO 0930Z COMMENCING
DAILY 17 THRU 21 NOV:
A. IN AREA BOUND BY
22-34N 118-55E, 22-59N 119-39E,
22-16N 119-37E, 22-21N 118-55E.
B. WITHIN 29 MILES OF 22-34N 119-16E.
2. CANCEL THIS MSG 221030Z NOV 13.

(131230Z NOV 2013)

3520/13(61).
MOZAMBIQUE CHANNEL.
MOZAMBIQUE.
SEISMIC SURVEY IN PROGRESS UNTIL FURTHER
NOTICE BY M/V PACIFIC FALCON TOWING
11000 METER LONG CABLE IN AREA BOUND BY
21-17.3S 035-38.4E, 19-48.2S 036-21.6E,
20-34.8S 038-01.6E, 22-04.6S 038-44.4E,
25-41.6S 038-34.5E, 27-23.9S 037-09.0E,
27-02.7S 033-51.8E, 25-48.8S 033-03.7E.
EIGHT MILE BERTH REQUESTED.

(131257Z NOV 2013)

3521/13(29).
EASTERN SOUTH PACIFIC.
ANTARCTICIA.
DISTRESS SIGNAL RECEIVED IN 70-28S 135-01W.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO TAUPO MARITIME RADIO OR
MARITIME OPERATIONS NEW ZEALAND, INMARSAT-C: 451200067.

(131340Z NOV 2013)

3522/13(19).
NORTH PACIFIC.
1. DERELICT 42 FOOT S/V C:DRIVE, WHITE HULL,
ADRIFT IN 23-43.3N 178-43.0E AT 132000Z NOV.
REPORTS TO JRCC HONOLULU, TELEX: 392401,
PHONE: 808 535 3333, FAX: 808 535 3338,
E-MAIL: JRCCHONOLULU@USCG.MIL.
2. CANCEL THIS MSG 162130Z NOV 13.

(132136Z NOV 2013)

3523/13(19).
EASTERN NORTH PACIFIC.
MAN OVERBOARD FROM CABLESHIP GRAND PRINCESS IN
26-59.3N 146-02.2W. VESSELS IN VICINITY
REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST
IF POSSIBLE. REPORTS TO RCC HONOLULU,
TELEX: 392401, PHONE: 808 535 3333,
FAX: 808 535 3338, E-MAIL: JRCCHONOLULU@USCG.MIL.

(140044Z NOV 2013)

3524/13(76).
NEW ZEALAND-NORTHEAST COAST.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 181900Z TO 182300Z NOV
IN AREA BOUND BY
40-25-46.9S 178-02-11.0E, 41-02-03.9S 177-18-50.1E,
40-42-44.5S 176-50-27.5E, 40-06-17.7S 177-33-51.5E.
2. CANCEL THIS MSG 182359Z NOV 13.

(140137Z NOV 2013)

3525/13(82).
CORAL SEA.
NEW CALEDONIA.
GUNNERY.
1. GUNNERY EXERCISES 152200Z TO 160700Z NOV:
A. WITHIN 20 MILES OF 23-00S 165-58E.
B. WITHIN 10 MILES OF 22-42S 166-00E.
2. CANCEL THIS MSG 160800Z NOV 13.

(140203Z NOV 2013)

3526/13(93).
SOUTH CHINA SEA.
MAN OVERBOARD FROM F/V BD30249TS IN 07-45N 105-25E
AT 132130Z NOV. 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.

(140231Z NOV 2013)

3527/13(82).
WESTERN SOUTH PACIFIC.
NEW CALEDONIA.
GUNNERY.
1. GUNNERY EXERCISES 180200Z TO 180800Z NOV
WITHIN 10 MILES OF 23-07S 167-27E.
2. CANCEL THIS MSG 180900Z NOV 13.

(140247Z NOV 2013)

3528/13(81).
WESTERN NORTH PACIFIC.
MARIANA ISLANDS.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 141800Z TO 150700Z NOV
WITHIN TEN MILES OF 16-01N 146-04E.
2. CANCEL THIS MSG 150800Z NOV 13.

(140515Z NOV 2013)

3529/13 and 3530/13. CANCELED.

3531/13(63).
INDIA-WEST COAST.
GULF OF KACHCHH.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 190530Z TO 190730Z NOV
WITHIN 12 MILES OF 22-28.03N 069-04.98E
BETWEEN 300 DEGREES AND 020 DEGREES.
2. CANCEL THIS MSG 190830Z NOV 13.

(140831Z NOV 2013)

3532/13(81).
WESTERN NORTH PACIFIC.
PHILIPPINE SEA.
1. MAN OVERBOARD FROM M/V LUCKY LADY 7 VICINITY
11-20.648N 138-28.796E. VESSELS IN VICINITY
REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF
POSSIBLE. REPORTS TO U.S. COAST GUARD SECTOR GUAM,
PHONE: 671 355 4824, E-MAIL: RCCGUAM@USCG.MIL.
2. CANCEL HYDROPAC 3530/13(83).

(141012Z NOV 2013)

3533/13(18).
EASTERN NORTH PACIFIC.
DISTRESS SIGNAL RECEIVED VICINITY 32-56.7N 124-53.0W.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO U.S. COAST GUARD ALAMEDA,
TELEX: 230172343, PHONE: 510 437 3701,
E-MAIL: RCCALAMEDA@USCG.MIL.

(141016Z NOV 2013)

3534/13(94).
PHILIPPINE SEA.
TAIWAN-EAST COAST.
GUNNERY.
1. GUNNERY EXERCISES 2300Z TO 0430Z COMMENCING DAILY
17 THRU 21 NOV AND 0530Z TO 0930Z DAILY
18 THRU 22 NOV:
A. IN AREA BOUND BY
23-43.0N 122-05.0E, 23-43.0N 122-38.0E,
23-20.0N 122-38.0E, 23-00.0N 122-05.0E.
B. WITHIN 31 MILES OF
23-26.5N 122-21.5E.
2. CANCEL THIS MSG 221030Z NOV 13.

(141110Z NOV 2013)

3535/13(93).
SOUTH CHINA SEA.
F/V NT 90515TS UNREPORTED, 10 PERSONS ON BOARD,
LAST KNOWN POSITION 09-00N 109-00E
AT 140730Z NOV. 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.

(141229Z NOV 2013)

3536/13. CANCELED.

HYDROARCS

Messages in force 141500Z November 2013:

2010 series	160(42)	220(GEN)	112(42)	186(15)	242(16)
56(15)	2012 series	227(16,41,96)	118(15)	187(15)	243(42)
71(15)	112(15)	256(16,96)	127(41)	216(16)	249(42)
102(15)	131(16)	260(42)	132(15)	223(15)	258(16)
103(16,41)	160(15,16)	2013 series	133(15)	229(16)	259(GEN)
2011 series	193(15)	96(16,96)	171(GEN)	238(42)	268(42)

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 071430Z to 141500Z November 2013.

268/13(42).
ARCTIC.
BARENTS SEA.
ROCKETS.
1. HAZARDOUS OPERATIONS 0500Z TO 1100Z DAILY
14 AND 15 NOV IN AREA BOUND BY
69-20N 052-10E, 69-00N 052-20E,
68-20N 050-30E, 68-30N 049-20E.
2. CANCEL THIS MSG 151200Z NOV 13.

(110655Z NOV 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 14 November 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 14 November 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

NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY'S (NGA) GUIDANCE ON THE PROPER DISPLAY SCALE OF DIGITAL NAUTICAL CHART (DNC) DATA

The DNC portfolio was originally created by digitizing paper Standard Nautical Charts (SNC) and organizing them into corresponding DNC libraries based on the scale of the original paper SNC. The resulting DNC database is only as accurate as the source data of the paper charts used to create them. While NGA's Maritime Safety Office constantly improves the accuracy of the DNC with newer digital sources, the mariner should be aware that many of the features and hazards in the SNC used to build the DNC database are based upon older surveys that pre-date the Global Positioning System (GPS). Additionally, plotted accuracies of navigation hazards and soundings are constrained by the cartographic scale of the chart. Since GPS became operational, the accuracy of a ship's position using GPS now often exceeds the accuracy of the underlying charts.

Displaying DNC data at a scale larger than the data compilation scale is known as Over-Scaling. This is an unsafe practice because it gives the mariner a false sense of the positional accuracy of navigation hazards and incorrect distance between features, which could lead to unsafe mission planning and navigation. This is a particular concern for the small-scale General and Coastal DNCs. The dangers of over-scaling DNC data is briefly discussed in the Submarine Operations Manual (SOM), the Navigation Department Organization and Regulations Manual (NAVDORM), and the American Practical Navigator (Pub No.9)..

NGA strongly recommends that ECDIS-N, operating in either the auto or manual mode, display DNC libraries at their data compilation scale vice relying on a fixed scale scheme referenced to the DNC's navigation purpose (General, Coastal, Approach, or Harbor). When navigating on an over-scaled DNC, fleet operators should understand the operational risks inherent in over-scaling, especially during operations in the vicinity of charted hazards and shoal water.

Any questions concerning this guidance should be directed to NGA's DNC Program Manager, phone: 571-557-5295, E-mail MCDDNC@nga.mil.

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.

12266	31st Ed. Oct 2013 NEW EDITION	NAD 83	(NOS Silver Spring, MD)	
	EAST COAST - MARYLAND - CHESAPEAKE BAY - CHOPTANK RIVER AND HERRING BAY (New edition due to numerous Notice to Mariner changes)			1:40,000
17320	19th Ed. Nov 2013 NEW EDITION	NAD 83	(NOS Silver Spring, MD)	
	ALASKA - SOUTHEAST COAST - CORONATION ISLAND TO LISIANSKI STRAIT (New edition due to numerous Notice to Mariner and topographic changes)			1:217,828
17404	15th Ed. Oct 2013 NEW EDITION	NAD 83	(NOS Silver Spring, MD)	
	ALASKA - SOUTHEAST COAST - SAN CHRISTOVAL CHANNEL TO CAPE LYNCH (New edition due to hydrographic changes)			1:40,000

17405 17th Ed. Oct 2013 NEW EDITION NAD 83 (NOS Silver Spring, MD)

ALASKA - SOUTHEAST COAST - WEST COAST OF PRINCE OF WALES ISLAND -
ULLOA CHANNEL TO SAN CHRISTOVAL CHANNEL 1:40,000
(New edition due to numerous Notice to Mariner and hydrographic changes)

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	
97340	97ACO97327	Jpn. W1221	42/13	
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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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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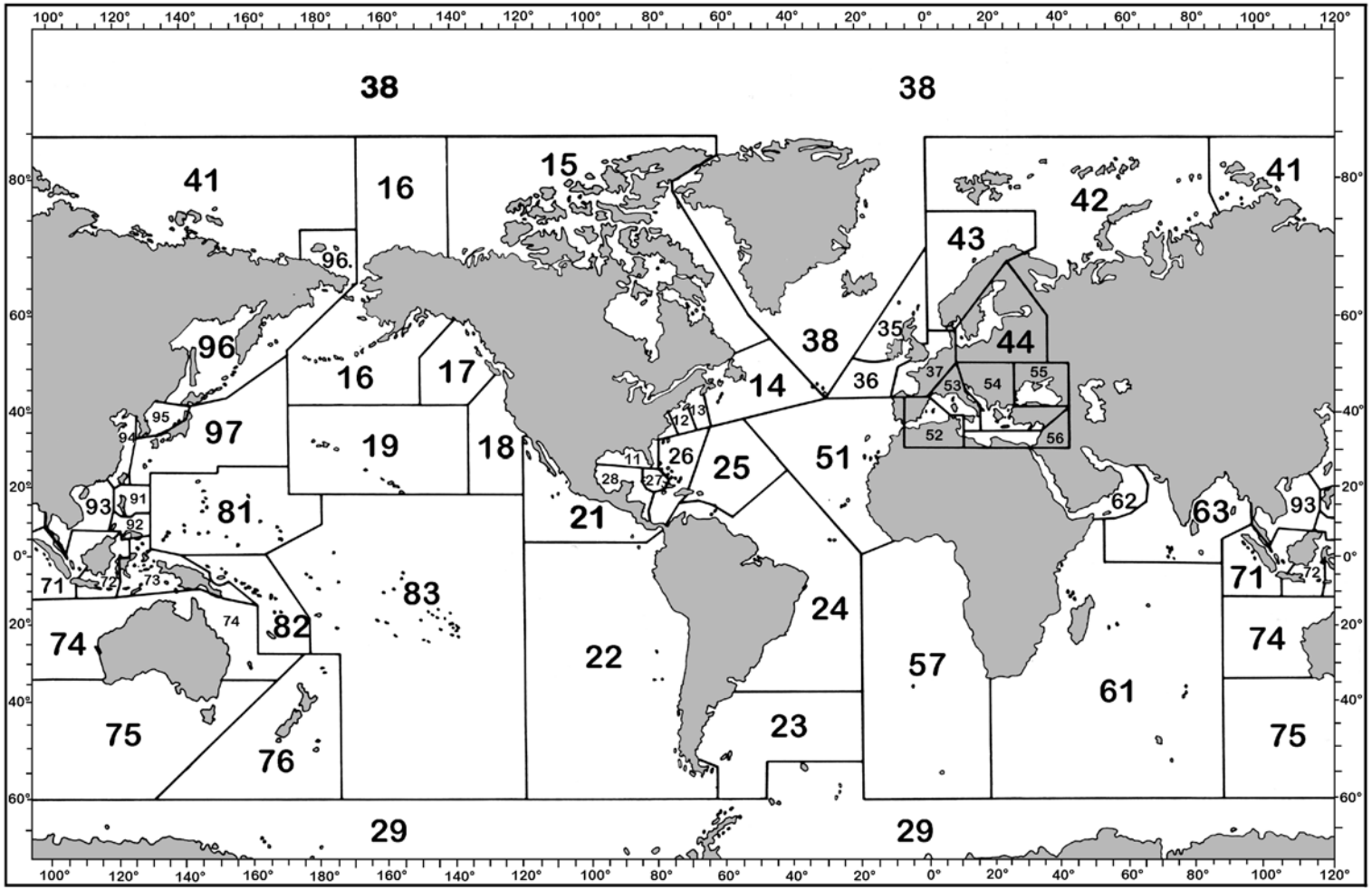

GEOGRAPHIC LOCATOR

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