No. 33

17 AUGUST 2013

UNITED STATES OF AMERICA

NOTICE TO MARINERS

Published Weekly by the
National Geospatial-Intelligence Agency

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

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

IMPORTANT INFORMATION

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

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

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

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

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

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

Observer	**Ship/Organization**
QMC(SW) Andrey L. Mihaylovski	USS BLUE RIDGE

Cover Photo: USS LEYTE GULF (CG-55) is the ninth *Ticonderoga-class* AEGIS Guided Missile Cruiser and the eighth built by Ingalls Shipbuilding in Pascagoula, MS. She commemorates the largest naval battle in modern history, fought 23-26 October 1944 in the Philippines. The battle marked the end of centuries of naval warfare tradition employing battleships, and was showcased by three separate primary engagements: The Battle of Surigao Straits, the Battle off Samar Island, and the Battle of Cape Engano. Called the last of the great sea battles, the Battle of Leyte Gulf used every known weapon of naval war, except mines, and in sheer destruction the battle has no rival in naval history. *Ticonderoga-class* cruisers are multi-mission surface combatants [Air Warfare (AW), Undersea Warfare (USW), Naval Surface Fire Support (NSFS) and Surface Warfare (SUW)] capable of supporting carrier battle groups, amphibious forces, or of operating independently and as flagships of surface action groups. **LEYTE GULF** is 567 feet in length, has a beam of 55 feet, displaces 9600 tons fully loaded and is powered by four General Electric LM 2500 gas turbine engines that provide 80,000 shaft horsepower total. Her armament includes the MK-41 vertical launching system Standard Missile; Vertical Launch ASROC Missile; Tomahawk Cruise Missile; six MK-46 torpedoes (from two triple mounts); two MK-45 5-inch/54 caliber lightweight guns and two Phalanx close-in-weapons systems. She also employs two SH-60 Seahawk (LAMPS III) helicopters. The homeport of **USS LEYTE GULF** is Norfolk, VA.

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 33/13

17 August 2013

NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY'S MARITIME SAFETY OFFICE SEEKING MARINE ANALYSTS

THE MARITIME SAFETY OFFICE IS SEEKING APPLICANTS FOR THE POSITION OF MARINE ANALYST. 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.

NGA CHART NEW EDITIONS AND THEIR AVAILABILITY

NGA RECOGNIZES TWO PAPER NAUTICAL CHART PRODUCTS: ENTERPRISE PRODUCT ON DEMAND-MARITIME (EPOD-M) CHARTS AND TRADITIONAL NGA PAPER CHARTS. FOR ADDITIONAL INFORMATION, SEE SECTIONS II AND III.

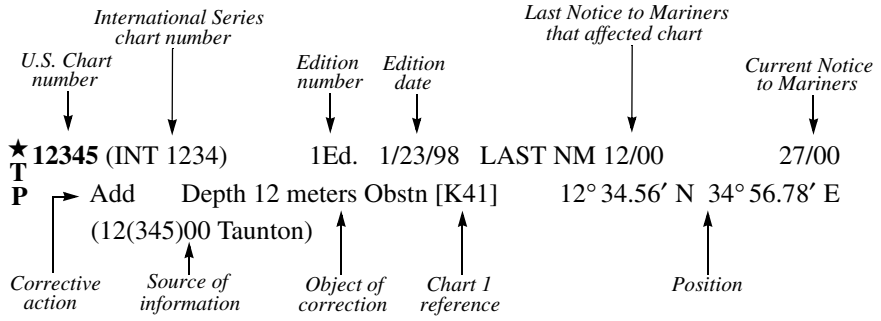
NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY'S IMPLEMENTATION OF A HARDCOPY TO DIGITAL TRANSITION STRATEGY

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.

1116A Ed. 4/13 LAST NM 32/13 33/13
Delete Platform 28° 33.5′ N 90° 26.1′ W

Substitute Platform [L10] for submerged well (cov 20fms) and buoy 28° 39.0′ N 92° 04.2′ W

Add Wreck [K29] (PA) 28° 55.9′ N 89° 41.6′ W
(21, 25/13 CG8)

11004 8Ed. 10/14/06 LAST NM 32/13 33/13
Add Wreck [K29] (PA) 28° 55.9′ N 89° 41.6′ W
(25/13 CG8)

11006 33Ed. 3/09 LAST NM 32/13 33/13
Add Wreck [K29] (PA) 28° 55.9′ N 89° 41.6′ W
(25/13 CG8)

★11311 24Ed. 4/05 LAST NM 13/13 33/13
(Continuation)
Delete Light "2" 27° 49′ 50.6″N 97° 29′ 42.1″W
(25/13 CG8)

★11321 30Ed. 7/04 LAST NM 9/13 33/13
Delete Platform 28° 52′ 14″N 95° 03′ 58″W
Platform 28° 52′ 46″N 95° 03′ 52″W
Platform 28° 52′ 44″N 95° 03′ 16″W
(21/13 CG8)

11326 38Ed. 12/11 LAST NM 14/13 33/13
(Page A, Inset 1)
Change Designation of light to "112B" 29° 43′ 53.7″N 95° 01′ 53.8″W

Add Light "112A" QR 29° 43′ 52.7″N 95° 01′ 44.4″W
(25/13 CG8)

★11328 27Ed. 1/13 LAST NM 26/13 33/13
Change Designation of light to "112B" 29° 43′ 53.6″N 95° 01′ 54.2″W

Add Light "112A" QR 17ft 3M 29° 43′ 52.7″N 95° 01′ 44.4″W
(25/13 CG8)

11329 38Ed. 5/08 LAST NM 26/13 33/13
Change Designation of light to "112B" 29° 43′ 53.6″N 95° 01′ 54.2″W

Add Light "112A" QR 17ft 3M 29° 43′ 52.7″N 95° 01′ 44.4″W
(25/13 CG8)

★11339 4Ed. 2/13 LAST NM 27/13 33/13
Add Purple dashed line (pipeline area limit) [L40.2] between 29° 48′ 28″N 93° 20′ 58″W
29° 48′ 28″N 93° 20′ 44″W
Purple dashed line (pipeline area limit) [L40.2] between 29° 48′ 19″N 93° 20′ 57″W
29° 48′ 19″N 93° 20′ 45″W

Legend "Pipeline Area" 29° 48′ 23″N 93° 20′ 50″W

Purple dashed line (southern limit of cable area) [L30.2] between 29° 48′ 09″N 93° 20′ 54″W
29° 48′ 07″N 93° 20′ 43″W

Legend "Cable Area" 29° 48′ 13″N 93° 20′ 50″W
(NOS)

★11340 77Ed. 4/13 LAST NM 32/13 33/13
Delete Platform 28° 33.5′ N 90° 26.1′ W

Substitute Platform [L10] for submerged well (cov 20fms) and buoy 28° 39.0′ N 92° 04.2′ W

Add Wreck [K29] (PA) 28° 55.9′ N 89° 41.6′ W
(21, 25/13 CG8)

11347 40Ed. 5/13 LAST NM 27/13 33/13
(Side A)
Add Purple dashed line (pipeline area limit) [L40.2] between 29° 48′ 28″N 93° 20′ 58″W
29° 48′ 28″N 93° 20′ 44″W
Purple dashed line (pipeline area limit) [L40.2] between 29° 48′ 19″N 93° 20′ 57″W
29° 48′ 19″N 93° 20′ 45″W

Legend "Pipeline Area" 29° 48′ 23″N 93° 20′ 50″W
(NOS)

★11357 42Ed. 5/12 LAST NM 27/13 33/13
Add Platform [L10] 28° 52′ 50″N 90° 48′ 49″W
Platform [L10] 28° 56′ 45″N 90° 45′ 35″W
Platform [L10] 29° 00′ 30″N 90° 31′ 54″W
Platform [L10] 29° 00′ 30″N 90° 30′ 49″W
(21/13 CG8)

★11358 57Ed. 7/12 LAST NM 32/13 33/13
Add Wreck [K29] (PA) 28° 55′ 54″N 89° 41′ 35″W
(25/13 CG8)

11366 15Ed. 8/12 LAST NM 32/13 33/13
Add Wreck [K29] (PA) 28° 55.9′ N 89° 41.6′ W
(25/13 CG8)

11372 35Ed. 9/12 LAST NM 30/13 33/13
(Side A)
Delete Depth 16 feet 30° 14′ 52.1″N 88° 49′ 37.1″W

Substitute Depth 6 feet for 13 feet 30° 15′ 00.8″N 88° 50′ 32.1″W

Add Depth 5 feet 30° 14′ 10.0″N 88° 50′ 42.4″W
Depth 5 feet 30° 14′ 54.4″N 88° 49′ 35.6″W
Depth 4 feet 30° 14′ 17.5″N 88° 48′ 32.5″W
(NOS)

★11373 50Ed. 8/12 LAST NM 30/13 33/13
Delete Depth 13 feet 30° 14′ 50″N 88° 49′ 32″W

Add Depth 5 feet 30° 14′ 10″N 88° 50′ 42″W
Depth 6 feet 30° 15′ 01″N 88° 50′ 32″W
Depth 5 feet 30° 14′ 54″N 88° 49′ 36″W
Depth 4 feet 30° 14′ 18″N 88° 48′ 32″W
(NOS)

13224 40Ed. 4/13 LAST NM 25/13 33/13
Delete Buoy 41° 48′ 45.0″N 71° 23′ 49.3″W
(26/13 CG1)

★13225 34Ed. 12/09 LAST NM 19/13 33/13
Delete Buoy 41° 48′ 45.0″N 71° 23′ 49.3″W
(26/13 CG1)

★13312 23Ed. 5/13 NEW EDITION 33/13
(NOS)

14820 21Ed. 10/05 LAST NM 2/13 33/13
Relocate Superbuoy ODAS "45142" from 42° 44.0′ N 79° 21.0′ W to 42° 44.4′ N 79° 17.4′ W
(24/13 CG9)

★14822 32Ed. 8/05 LAST NM 15/13 33/13
Relocate Superbuoy ODAS "45142" from 42° 44′ 01″N 79° 21′ 00″W to 42° 44′ 24″N 79° 17′ 24″W
(24/13 CG9)

14833 27Ed. 12/12 LAST NM 15/13 33/13
Delete Buoy "EU6" 42° 53′ 00.3″N 78° 55′ 06.6″W
(NOS)

14838 4Ed. 4/05 LAST NM 19/12 33/13
Relocate Superbuoy ODAS "45142" from 42° 44′ 01″N 79° 21′ 00″W to 42° 44′ 24″N 79° 17′ 24″W
(24/13 CG9)

14860 36Ed. 6/05 LAST NM 29/13 33/13
Change Visibility (range) of light to 22 St M 45° 21.4′ N 83° 29.6′ W
(24/13 CG9)

★14864 27Ed. 3/11 LAST NM 29/13 33/13
Delete Light 44° 39′ 39″N 83° 16′ 58″W
Light 44° 39′ 35″N 83° 17′ 04″W

(continued on next page)

14864 (Continued)
Change Visibility (range) of light to 22 St M
45° 21′ 24″N 83° 29′ 33″W

Add Light "3" Fl G 2.5s 20ft 7 St M 44° 39′ 41″N 83° 16′ 55″W
Light "4" Fl R 4s 33ft 5 St M 44° 39′ 39″N 83° 17′ 00″W

(Inset Harrisville Harbor)
Delete Light 44° 39′ 40.3″N 83° 16′ 55.5″W
Light 44° 39′ 38.1″N 83° 17′ 00.9″W

Add Buoy "2" R, nun 44° 39′ 46.2″N 83° 16′ 51.4″W

Light "3" Fl G 2.5s 20ft 7 St M
44° 39′ 41.0″N 83° 16′ 54.5″W
Light "4" Fl R 4s 33ft 5 St M 44° 39′ 38.8″N 83° 16′ 59.7″W
(24/13 CG9)

★14869 26Ed. 12/1/01 LAST NM 29/13 33/13
Change Visibility (range) of light to 22 St M
45° 21′ 24″N 83° 29′ 33″W
(24/13 CG9)

14880 32Ed. 9/05 LAST NM 53/11 33/13
Change Visibility (range) of light to 22 St M
45° 21′ 25″N 83° 29′ 29″W
(24/13 CG9)

14961 12Ed. 11/03 LAST NM 31/13 33/13
Change Visibility (range) of light to 15 St M 47° 14.5′ N 88° 37.4′ W
(24/13 CG9)

14964 21Ed. 3/04 LAST NM 33/12 33/13
Change Visibility (range) of light to 15 St M
47° 14′ 05″N 88° 37′ 38″W
(24/13 CG9)

★14972 26Ed. 5/04 LAST NM 12/13 33/13
Change Visibility (range) of light to 15 St M
47° 14′ 04.8″N 88° 37′ 48.2″W
(24/13 CG9)

15880 Ed. 6/15/84 LAST NM N19/12 N33/13
Add Depth 12 fathoms "Rep (2011)" [I3.2] enclosed
by dotted-line circle centered 69° 06.5′ N 94° 54.9′ W
(6(7760)13 Ottawa)

15881 Ed. 8/19/83 LAST NM N19/12 N33/13
Add Depth 12 fathoms "Rep (2011)" [I3.2] enclosed
by dotted-line circle centered 69° 06.5′ N 94° 54.9′ W
(6(7760)13 Ottawa)

16006 35Ed. 4/08 LAST NM 30/13 33/13
Add Wreck [K29] (PA) 57° 49.9′ N 158° 35.2′ W
(28/13 CG17)

16011 38Ed. 8/12 LAST NM 30/13 33/13
Add Wreck [K29] (PA) 57° 49.9′ N 158° 35.2′ W
(28/13 CG17)

★16338 4Ed. 2/04 LAST NM 33/07 33/13
Add Wreck [K29] (PA) 57° 49′ 54″N 158° 35′ 13″W
(28/13 CG17)

18009 4Ed. 12/8/12 LAST NM N12/13 N33/13
Delete Buoy "MY4" 36° 39.9′ N 121° 53.8′ W

Change Shape of superbuoy ODAS "46114" to
spherical 36° 43.0′ N 122° 20.9′ W
(27/13 CG11)

18010 22Ed. 9/12 LAST NM 31/13 33/13
Delete Buoy 36° 40.0′ N 121° 54.4′ W
(27/13 CG11)

18022 36Ed. 6/11 LAST NM 32/13 33/13
Delete Buoy "MY4" 36° 40.0′ N 121° 54.4′ W

Change Shape of superbuoy ODAS "46114" to
spherical 36° 43.0′ N 122° 20.9′ W
(27/13 CG11)

18400 49Ed. 4/12 LAST NM 27/13 33/13
Change Visibility (range) of light to 7M 48° 28.7′ N 122° 42.8′ W
(30/13 CG13)

18421 51Ed. 5/13 LAST NM 27/13 33/13
Change Visibility (range) of light to 7M 48° 28′ 41″N 122° 42′ 49″W
(30/13 CG13)

18423 38Ed. 10/11 LAST NM 32/13 33/13
(Page A)
Change Visibility (range) of light to 7M 48° 28′ 41″N 122° 42′ 49″W
(30/13 CG13)

★18427 24Ed. 5/13 LAST NM 27/13 33/13
Change Visibility (range) of light to 7M
48° 28′ 40.6″N 122° 42′ 48.8″W
(30/13 CG13)

18429 10Ed. 1/07 LAST NM 24/13 33/13
Change Visibility (range) of light to 7M
48° 28′ 40.5″N 122° 42′ 49.0″W
(30/13 CG13)

18500 30Ed. 5/08 LAST NM 32/13 33/13
Delete Buoy "5" 46° 54.8′ N 124° 12.6′ W
(30/13 CG13)

★18502 87Ed. 9/11 LAST NM 32/13 33/13
Delete Buoy "5" 46° 54′ 49.5″N 124° 12′ 35.0″W
Buoy "15" 46° 55′ 24.6″N 124° 06′ 09.3″W
(30/13 CG13)

★18588 37Ed. 4/03 LAST NM 26/13 33/13
Add Tabulation of controlling depths from
Subsection I-2
(Supersedes 11/13-18588)
(NOS)

18640 26Ed. 5/13 LAST NM 32/13 33/13
Add Light disc to buoy "W" 37° 41.3′ N 122° 47.7′ W
Light disc to buoy "N" 37° 48.0′ N 122° 47.9′ W
(27/13 CG11)

★18645 28Ed. 5/13 NEW EDITION 33/13
(NOS)

18649 67Ed. 12/09 LAST NM 31/13 33/13
Delete Double solid line and land tint (pier) in vicinity
37° 47′ 25.6″N 122° 23′ 13.5″W

Add Depth 20 feet Obstn [K41] 37° 47′ 23.0″N 122° 20′ 22.2″W
Depth 37 feet Obstn [K41] 37° 44′ 58.7″N 122° 22′ 25.2″W
Depth 39 feet Obstn [K41] 37° 47′ 18.2″N 122° 23′ 05.7″W
Depth 46 feet Obstn [K41] 37° 46′ 33.8″N 122° 20′ 52.1″W
Depth 54 feet Obstn [K41] 37° 46′ 29.0″N 122° 21′ 17.6″W
Depth 56 feet Obstn [K41] 37° 44′ 46.3″N 122° 21′ 00.2″W
(NOS)

★18650 56Ed. 9/09 LAST NM 31/13 33/13
Delete Double solid line, land tint and legend "Pier
24" between 37° 47′ 23.6″N 122° 23′ 17.7″W
37° 47′ 26.8″N 122° 23′ 08.6″W

Add Depth 20 feet Obstn [K41] 37° 47′ 23.0″N 122° 20′ 22.2″W
Depth 37 feet Obstn [K41] 37° 44′ 58.7″N 122° 22′ 25.2″W
Depth 39 feet Obstn [K41] 37° 47′ 18.2″N 122° 23′ 05.7″W
Depth 46 feet Obstn [K41] 37° 46′ 33.8″N 122° 20′ 52.1″W
Depth 54 feet Obstn [K41] 37° 46′ 29.0″N 122° 21′ 17.6″W

(continued on next page)

18650 (Continued)
Depth 56 feet Obstn [K41] 37° 44′ 46.3″N 122° 21′ 00.2″W
Depth 23 feet Wk [K26] 37° 44′ 49.9″N 122° 23′ 08.7″W
(NOS)

18652 36Ed. 2/11 LAST NM 31/13 33/13
(Page A)
Delete Double solid line and land tint (pier) in vicinity 37° 47′ 24″N 122° 23′ 15″W

Change Legend to "42 FT MAR 2013" 37° 47′ 32″N 122° 18′ 13″W
Legend to "INNER HBR ENT CHAN 46 FT MAR 2013" 37° 48′ 10″N 122° 20′ 41″W
Legend to "BAR CHAN 50 FT" 37° 48′ 11″N 122° 21′ 25″W
(See 40/12-18652)

Add Depth 20 feet Obstn [K41] 37° 47′ 23″N 122° 20′ 22″W
Depth 37 feet Obstn [K41] 37° 44′ 59″N 122° 22′ 25″W
Depth 46 feet Obstn [K41] 37° 46′ 34″N 122° 20′ 52″W
Depth 54 feet Obstn [K41] 37° 46′ 29″N 122° 21′ 18″W
Depth 56 feet Obstn [K41] 37° 44′ 46″N 122° 21′ 00″W

(Page B, Inset 5)
Change Legend to "INNER HBR ENT CHAN 46 FT MAR 2013" 37° 48′ 10″N 122° 20′ 41″W
Legend to "50 FT MAR 2013 BAR CHANNEL" 37° 48′ 11″N 122° 21′ 25″W
(NOS)

★18680 32Ed. 5/13 NEW EDITION 33/13
Delete Buoy "MY4" 36° 40.0′ N 121° 54.4′ W

Change Shape of superbuoy ODAS "46114" to spherical 36° 43.0′ N 122° 20.9′ W
(NOS; 27/13 CG11)

★18685 34Ed. 9/12 LAST NM 51/12 33/13
Delete Buoy "MY4" 36° 40′ 00″N 121° 54′ 24″W
(27/13 CG11)

18724 2Ed. 3/09 LAST NM 26/13 33/13
Change Legend to "13 ½ FT FEB 2013" 34° 09′ 27.0″N 119° 13′ 35.0″W

Legend to "15 FT FEB 2013" 34° 09′ 42.0″N 119° 13′ 25.0″W
(See 31/12-18724)
(NOS)

18740 43Ed. 7/11 LAST NM 28/13 33/13
Delete Buoy "193" 33° 37.1′ N 118° 20.9′ W
(27/13 CG11)

★18746 38Ed. 11/09 LAST NM 28/13 33/13
Delete Buoy "193" 33° 37′ 04″N 118° 20′ 55″W
(27/13 CG11)

18760 8Ed. 12/8/12 LAST NM N28/13 N33/13
Delete Buoy "193" 33° 37.1′ N 118° 20.9′ W
(27/13 CG11)

22130 2Ed. 6/22/96 LAST NM 6/13 33/13
Add Dangerous wreck [K28] 6° 47.0′ S 80° 07.6′ W
Dangerous wreck [K28] 6° 47.3′ S 80° 08.7′ W
Dangerous wreck [K28] 6° 51.8′ S 80° 12.5′ W
(4(30)13 Callao)

24500 1Ed. 10/4/03 LAST NM 8/13 33/13
Change Light to "F-2" L Fl R 7s 24m 15M Racon 11° 06′ 23″N 74° 51′ 17″W

Add Light "F-1" L Fl G 7s 24m 15M 11° 06′ 22″N 74° 50′ 58″W
(92, 93/13 Bogota)

24502 6Ed. 3/13/99 LAST NM 8/13 33/13
(Panel A)
Change Light to "F-1" L Fl G 7s 24m 15M 11° 06′ 22.2″N 74° 50′ 58.2″W
Light to "F-2" L Fl R 7s 24m 15M Racon 11° 06′ 23.0″N 74° 51′ 17.2″W
(92, 93/13 Bogota)

26244 3Ed. 1/6/96 LAST NM 1/13 33/13
Delete Light from beacon "23" 20° 54′ 36″N 75° 42′ 30″W
(6(98)13 Habana)

26247 19Ed. 4/20/96 LAST NM 24/12 33/13
Delete Light from beacon "23" 20° 54′ 38.0″N 75° 42′ 29.0″W
(6(98)13 Habana)

35000 26Ed. 5/3/97 LAST NM 21/13 33/13
Add Platform (lighted) [L10] 54° 08.9′ N 2° 49.3′ E
(27(325)13 Den Haag)

35002 1Ed. 11/25/04 LAST NM N20/12 N33/13
Add Platform (lighted) [L10] 54° 08.9′ N 2° 49.3′ E
(27(325)13 Den Haag)

37005 18Ed. 11/3/12 LAST NM N31/13 N33/13
Add Platform (lighted) [L10] 54° 08.9′ N 2° 49.3′ E
(27(325)13 Den Haag)

37010 24Ed. 5/17/08 LAST NM 8/13 33/13
Add Platform (lighted) [L10] 54° 08.9′ N 2° 49.3′ E
(27(325)13 Den Haag)

37058 2Ed. 5/10/07 LAST NM N10/12 N33/13
Add Platform (lighted) [L10] 54° 08.9′ N 2° 49.3′ E
(27(325)13 Den Haag)

37120 3Ed. 3/3/07 LAST NM 23/13 33/13
Substitute Disused submarine cable [L32] for submarine cable between 51° 21.0′ N 3° 13.7′ E
51° 38.0′ N 3° 02.4′ E

Add Legend "(disused)" 51° 25.0′ N 3° 12.5′ E
(14(223)13 Oostende)

37165 4Ed. 3/2/13 LAST NM N31/13 N33/13
Add Platform (lighted) [L10] 54° 08.9′ N 2° 49.3′ E
(27(325)13 Den Haag)

37244 12Ed. 6/25/11 LAST NM N21/13 N33/13
Substitute Disused submarine cable [L32] for submarine cable between 51° 22.2′ N 3° 14.6′ E
51° 38.0′ N 3° 02.4′ E

Add Legend "(disused)" 51° 30.8′ N 3° 05.4′ E
(14(223)13 Oostende)

37248 20Ed. 3/17/12 LAST NM N23/13 N33/13
Substitute Disused submarine cable [L32] for submarine cable between 51° 20′ 58″N 3° 13′ 37″E
51° 36′ 00″N 3° 02′ 18″E

Add Legend "(disused)" 51° 25′ 00″N 3° 12′ 24″E
Legend "(disused)" 51° 31′ 21″N 3° 04′ 24″E
(14(223)13 Oostende)

43320 5Ed. 3/22/97 LAST NM 52/11 33/13
Change Visibility (range) of light to 4-3M 60° 01.0′ N 5° 12.1′ E
(UKHO LL)

43323 4Ed. 6/5/99 LAST NM 1/13 33/13
Change Light to Oc WRG 6s 12m 4-3M with sectors green 284° 06′ -319° 18′ , white-328° 24′ , red-133° 30′ , white-146° 18′ , green-153° 48′ 60° 00′ 56″N 5° 12′ 10″E
Light to Iso WRG 2s 6m 5-3M with sectors green 007° 54′ -009° 30′ , white-011° 18′ , red-043° , white-048° 30′ , green-179° 30′ , white-184° 18′ , red-186° 36′ 60° 05′ 28″N 5° 10′ 52″E
(UKHO LL)

44015 9Ed. 10/3/09 LAST NM 11/13 33/13
Substitute Dangerous wreck [K28] for depth 11.2 meters Wk 58° 20.0′ N 21° 29.8′ E

Add Dangerous wreck [K28] 58° 28.5′ N 22° 03.9′ E
Buoy "1" RW, pillar, Mo(A) 10s 57° 51.0′ N 21° 39.2′ E
(7(107, 108, 110)13 Riga)

44400 5Ed. 1/23/10 LAST NM 20/13 33/13
Add Depth 6.3 meters Obstn [K41] 57° 05.2′ N 24° 03.1′ E
Depth 5.5 meters Obstn [K41] 57° 05.4′ N 24° 05.6′ E
Depth 6.5 meters Obstn [K41] 57° 05.7′ N 24° 05.8′ E
Depth 6.4 meters Wk [K26] 57° 04.2′ N 24° 00.7′ E
(7(100-102, 104)13 Riga)

44410 5Ed. 8/7/10 LAST NM 45/12 33/13
Substitute Dangerous wreck [K28] for depth 11.2 meters
Wk 58° 20.0′ N 21° 29.8′ E
Dangerous wreck [K28] for depth 11.2 meters
Wk 58° 19.5′ N 21° 39.1′ E
Dangerous wreck [K28] for depth 11.2 meters
Wk 58° 28.5′ N 22° 03.9′ E

Add Buoy "1" RW, pillar, Mo(A) 10s 57° 51.0′ N 21° 39.2′ E
(7(107-110)13 Riga)

51142 2Ed. 7/12/97 LAST NM 43/12 33/13
Change Period of range light, front to 6s 38° 41′ 57″N 9° 16′ 00″W
(UKHO LL)

51143 5Ed. 7/17/10 LAST NM N40/12 N33/13
Change Period of range light, front to 6s 38° 41′ 56.5″N 9° 15′ 58.0″W
(UKHO LL)

51144 4Ed. 8/7/10 LAST NM N25/13 N33/13
Change Period of range light, front to 6s 38° 41′ 56.5″N 9° 15′ 58.0″W
(UKHO LL)

57482 13Ed. 12/19/09 LAST NM N26/13 N33/13
Change Characteristic of Racon at light to (Q)
34° 10′ 52″S 18° 27′ 36″E
(UKHO ARCS 1922-0)

57483 12Ed. 11/7/09 LAST NM N26/13 N33/13
Delete Anchorage area, buoys (3) and legend "Small Craft Moorings" in vicinity 34° 11′ 18.0″S 18° 25′ 50.0″E

Anchorage area, buoys (4) and legend "Small Craft Moorings" in vicinity 34° 11′ 21.0″S 18° 25′ 55.0″E

Flagstaff symbol 34° 11′ 26.9″S 18° 25′ 38.7″E

Change Characteristic of range light, front to Iso Or 2s
34° 11′ 28.9″S 18° 26′ 30.5″E
Characteristic of range light, front to Iso Or 2s
34° 11′ 26.7″S 18° 25′ 38.7″E

Add Buoy Y, spherical [Q130.6] 34° 11′ 03.6″S 18° 25′ 45.5″E
Buoy Y, spherical [Q130.6] 34° 11′ 13.6″S 18° 25′ 54.5″E
Buoy Y, spherical [Q130.6] 34° 11′ 26.6″S 18° 25′ 47.4″E
Anchorage area "Small Craft Moorings" [N12.3] bound by purple dashed line joining above buoys (3)

Buoy Y, spherical [Q130.6] 34° 11′ 26.6″S 18° 25′ 49.5″E
Buoy Y, spherical [Q130.6] 34° 11′ 27.6″S 18° 25′ 57.5″E
Buoy Y, spherical [Q130.6] 34° 11′ 20.3″S 18° 25′ 59.5″E
Buoy Y, spherical [Q130.6] 34° 11′ 14.6″S 18° 25′ 55.4″E
Anchorage area "Small Craft Moorings" [N12.3] bound by purple dashed line joining above buoys (4)
(UKHO ARCS 1922-0)

63400 1Ed. 3/10/90 LAST NM 48/12 33/13
Add Platform (lighted) [L10] 15° 02.2′ N 94° 45.8′ E

Submarine pipeline (gas) [L40.1] between
15° 07.5′ N 94° 46.4′ E
15° 09.3′ N 94° 46.3′ E

Submarine pipeline [L40.1] with legend "GAS CAUTION NO 7" joining
15° 54.1′ N 95° 36.7′ E
15° 46.7′ N 95° 42.1′ E
15° 39.5′ N 95° 43.4′ E
15° 38.3′ N 95° 43.0′ E
15° 26.6′ N 95° 31.6′ E
15° 20.4′ N 95° 22.8′ E
15° 07.5′ N 94° 46.4′ E
15° 06.9′ N 94° 45.7′ E
15° 05.1′ N 94° 45.0′ E
15° 02.2′ N 94° 45.8′ E

Submarine pipeline (gas) [L40.1] joining
14° 34.4′ N 97° 54.5′ E
14° 32.2′ N 97° 52.1′ E
14° 26.9′ N 97° 51.3′ E
14° 22.6′ N 97° 48.6′ E
14° 18.9′ N 97° 43.9′ E

Submarine cable [L30.1] joining 15° 58.2′ N 95° 40.5′ E
15° 47.5′ N 95° 51.4′ E
15° 37.4′ N 95° 46.5′ E
14° 39.4′ N 95° 23.5′ E
14° 00.5′ N 95° 29.8′ E
(3(56)13 Dehra Dun; UKHO ARCS 826-0, 830-0)

63410 6Ed. 10/10/87 LAST NM 15/12 33/13
Delete Submarine pipeline and legend "GAS CAUTION NO 5" between 15° 07.5′ N 94° 46.4′ E
14° 47.5′ N 96° 28.0′ E

Relocate Platform from 15° 07.5′ N 94° 46.4′ E to 15° 07.5′ N 94° 46.7′ E
Platform from 15° 09.3′ N 94° 46.3′ E to 15° 09.2′ N 94° 46.7′ E

Add Platform (lighted) [L10] 15° 02.2′ N 94° 45.8′ E

Submarine pipeline [L40.1] with legend "GAS CAUTION NO 5" joining
15° 54.1′ N 95° 36.7′ E
15° 51.5′ N 95° 39.0′ E
15° 46.7′ N 95° 42.1′ E
15° 39.5′ N 95° 43.4′ E
15° 38.3′ N 95° 43.0′ E
15° 31.5′ N 95° 36.0′ E
15° 26.6′ N 95° 31.6′ E
15° 20.4′ N 95° 22.8′ E
15° 07.7′ N 94° 48.0′ E
15° 07.5′ N 94° 46.7′ E
15° 06.9′ N 94° 45.7′ E
15° 05.1′ N 94° 45.0′ E
15° 02.2′ N 94° 45.8′ E

Submarine pipeline [L40.1] with legend "GAS CAUTION NO 5" joining
15° 09.2′ N 94° 46.7′ E
15° 07.5′ N 94° 46.7′ E
15° 05.2′ N 94° 51.6′ E
14° 48.0′ N 96° 28.0′ E

Submarine cable [L30.1] joining 15° 59.5′ N 95° 41.4′ E
15° 50.2′ N 95° 49.8′ E
15° 47.5′ N 95° 51.4′ E
15° 37.4′ N 95° 46.5′ E
15° 22.3′ N 95° 40.1′ E
14° 39.4′ N 95° 23.5′ E
14° 32.0′ N 95° 24.8′ E
(3(56)13 Dehra Dun; UKHO ARCS 823-0, 830-0)

63420 2Ed. 10/10/87 LAST NM 28/13 33/13
Delete Submarine pipeline and legend "GAS CAUTION NO 5" between 14° 52.0′ N 96° 05.5′ E
14° 34.4′ N 97° 54.5′ E

Add Submarine pipeline [L40.1] with legend "GAS CAUTION NO 5" joining 14° 52.0′ N 96° 05.5′ E
14° 36.4′ N 97° 30.5′ E
14° 34.8′ N 97° 35.6′ E
14° 34.5′ N 97° 40.8′ E
14° 33.4′ N 97° 46.4′ E
14° 33.7′ N 97° 51.7′ E
14° 34.5′ N 97° 54.2′ E

Submarine pipeline [L40.1] with legend "GAS CAUTION NO 5" joining 14° 34.4′ N 97° 54.3′ E
14° 32.2′ N 97° 52.1′ E
14° 26.9′ N 97° 51.3′ E
14° 22.6′ N 97° 48.6′ E
14° 18.9′ N 97° 43.9′ E
(3(56)13 Dehra Dun; UKHO ARCS 824-0)

76171 10Ed. 8/22/98 LAST NM 28/13 33/13
Relocate Beacon "W. Otumoetai" from
37° 39′ 05.4″S 176° 08′ 51.0″E to
37° 39′ 04.2″S 176° 08′ 48.6″E
(Supersedes 28/13-76171)
(15(153)13 Wellington)

91008 1Ed. 7/18/92 LAST NM 11/13 33/13
Add Dangerous wreck [K28] "Rep (2013)" (PA)
22° 33.0′ N 116° 14.0′ E
(23(859)13 Tianjin)

91010 6Ed. 9/2/95 LAST NM 49/12 33/13
Add Dangerous wreck [K28] "Rep (2013)" (PA)
22° 33.0′ N 116° 14.0′ E
(23(859)13 Tianjin)

93006 3Ed. 3/15/08 LAST NM 28/13 33/13
Add Dangerous wreck [K28] "Rep (2013)" (PA)
22° 33.0′ N 116° 14.0′ E
(23(859)13 Tianjin)

93036 12Ed. 2/9/13 LAST NM N28/13 N33/13
Add Dangerous wreck [K28] "Rep (2013)" (PA)
22° 33.0′ N 116° 14.0′ E
(23(859)13 Tianjin)

93721 6Ed. 4/26/08 LAST NM N32/13 N33/13
Delete Buoy 22° 08′ 56″N 113° 43′ 36″E
Buoy 22° 09′ 11″N 113° 43′ 53″E
Buoy 22° 08′ 56″N 113° 44′ 10″E
Buoy 22° 08′ 40″N 113° 43′ 53″E
(See N36/12-93721)

Add Buoy BY, pillar, double cone topmark points upward, VQ [Q130.3] 22° 43′ 32″N 113° 39′ 36″E
(16(40)13 Hong Kong; 23(858)13 Tianjin)

93726 5Ed. 2/10/07 LAST NM 13/13 33/13
Add Buoy BY, pillar, double cone topmark points upward, VQ [Q130.3] 22° 43′ 31.7″N 113° 39′ 36.0″E

Buoy "No 2" R, can, Fl R 4s 22° 44′ 08.6″N 113° 37′ 48.4″E
Buoy "No 3" G, conical, Fl G 4s
22° 44′ 12.5″N 113° 37′ 44.3″E
Buoy BRB, pillar, double ball topmark, Fl(2) 5s [Q130.4] 22° 44′ 56.0″N 113° 38′ 16.0″E
(23(858)13 Tianjin)

93730 5Ed. 10/20/12 LAST NM N29/13 N33/13
Add Dangerous wreck [K28] "Rep (2013)" (PA)
22° 33.0′ N 116° 14.0′ E
(23(859)13 Tianjin)

94004 7Ed. 7/23/11 LAST NM 30/13 33/13
Relocate Buoy from 23° 59.9′ N 120° 12.0′ E to 24° 01.2′ N 120° 14.0′ E
(See 43/12-94004)
(61/13 Tso-ying)

94060 12Ed. 6/30/07 LAST NM 30/13 33/13
Relocate Buoy from 23° 59.9′ N 120° 12.0′ E to 24° 01.2′ N 120° 14.0′ E
(See 43/12-94060)
(61/13 Tso-ying)

94063 5Ed. 3/11/06 LAST NM 43/12 33/13
Relocate Buoy from 23° 59′ 54″N 120° 12′ 00″E to
24° 01′ 13″N 120° 14′ 00″E
(See 43/12-94063)
(61/13 Tso-ying)

94082 9Ed. 5/27/06 LAST NM 32/13 33/13
Change Light to Fl R 4s 18m 6M 22° 41′ 49″N 120° 15′ 05″E
(65/13 Tso-ying; UKHO LL)

94122 8Ed. 6/27/09 LAST NM N21/12 N33/13
(Plan D)
Add Pilot station symbol [T1.1] 23° 57′ 11″N 121° 37′ 41″E
(71/13 Tso-ying)

94217 7Ed. 8/4/12 LAST NM N8/13 N33/13
Change Vertical clearance of overhead cable to "30"
31° 20′ 38.9″N 121° 47′ 31.5″E
(23(863)13 Tianjin)

95066 13Ed. 5/29/10 LAST NM N31/13 N33/13
Relocate Buoy "A" from 37° 07′ 43″N 126° 31′ 23″E to
37° 07′ 37″N 126° 31′ 21″E
Buoy "1" from 37° 08′ 26″N 126° 31′ 40″E to
37° 08′ 33″N 126° 31′ 43″E
Buoy "2" from 37° 07′ 47″N 126° 31′ 17″E to
37° 07′ 40″N 126° 31′ 13″E
Buoy "3" from 37° 08′ 06″N 126° 32′ 27″E to
37° 08′ 12″N 126° 32′ 27″E
Buoy "5" from 37° 07′ 46″N 126° 33′ 11″E to
37° 07′ 51″N 126° 33′ 12″E
Buoy "7" from 37° 07′ 27″N 126° 33′ 54″E to
37° 07′ 30″N 126° 33′ 57″E
Buoy "9" from 37° 07′ 07″N 126° 34′ 39″E to
37° 07′ 09″N 126° 34′ 42″E
Buoy "11" from 37° 06′ 49″N 126° 35′ 21″E to
37° 06′ 48″N 126° 35′ 26″E
(See 21/13-95066)
(30(566)13 Inchon)

95068 3Ed. 9/15/12 LAST NM N32/13 N33/13
Relocate Buoy "A" from 36° 58′ 59.0″N 126° 46′ 34.0″E
to 36° 59′ 06.0″N 126° 46′ 30.0″E
(See N22/13-95068)
(30(566)13 Inchon)

95160 14Ed. 9/5/09 LAST NM 28/13 33/13
Add Fish haven symbol [K46.1] 36° 12.8′ N 129° 26.8′ E
(30(171)13 Inchon)

95163 3Ed. 4/7/12 LAST NM N32/13 N33/13
Delete Buoy "3" 36° 01′ 30.0″N 129° 26′ 55.0″E
Legend "Works in Progress (2010)"
36° 05′ 42.0″N 129° 27′ 30.0″E

Substitute Double solid line with land tint (breakwater) [F4.1] for double dashed line between
36° 05′ 54.0″N 129° 27′ 51.0″E
36° 05′ 22.0″N 129° 27′ 51.0″E

Change Characteristic of buoy "7" to Fl G 4s
36° 01′ 24.2″N 129° 25′ 37.5″E

Add Buoy "3" G, pillar, can topmark, Fl G 4s
36° 01′ 32.5″N 129° 27′ 17.5″E
(2(21), 6(97)13 Inchon)

95167 12Ed. 2/25/12 LAST NM N32/13 N33/13
Delete Buoy "3" 36° 01′ 30.0″N 129° 26′ 55.0″E

Change Characteristic of buoy "7" to Fl G 4s
36° 01′ 24.2″N 129° 25′ 37.5″E

Add Buoy "3" G, pillar, can topmark, Fl G 4s
36° 01′ 32.5″N 129° 27′ 17.5″E
(6(97)13 Inchon)

95180 13Ed. 4/30/11 LAST NM N29/13 N33/13
Add Fish haven symbol [K46.1] 36° 12.8′ N 129° 26.8′ E
(30(171)13 Inchon)

803222 1Ed. 8/30/08 LAST NM N31/13 N33/13
Relocate Buoy "A" from 37° 07′ 43″N 126° 31′ 23″E to
37° 07′ 37″N 126° 31′ 21″E
Buoy "1" from 37° 08′ 26″N 126° 31′ 40″E to
37° 08′ 33″N 126° 31′ 43″E
Buoy "2" from 37° 07′ 47″N 126° 31′ 17″E to
37° 07′ 40″N 126° 31′ 13″E
Buoy "3" from 37° 08′ 06″N 126° 32′ 27″E to
37° 08′ 12″N 126° 32′ 27″E
Buoy "5" from 37° 07′ 46″N 126° 33′ 11″E to
37° 07′ 51″N 126° 33′ 12″E
Buoy "7" from 37° 07′ 27″N 126° 33′ 54″E to
37° 07′ 30″N 126° 33′ 57″E
Buoy "9" from 37° 07′ 07″N 126° 34′ 39″E to
37° 07′ 09″N 126° 34′ 42″E
Buoy "11" from 37° 06′ 49″N 126° 35′ 21″E to
37° 06′ 48″N 126° 35′ 26″E
(See N19, N21/13-803222)
(30(566)13 Inchon)

805195 2Ed. 8/20/94 LAST NM N15/99 N33/13
Add "Fish Haven" area with blue tint [K46.1] bound by dotted line (limiting danger line) joining
36° 12′ 55″N 129° 26′ 46″E
36° 12′ 55″N 129° 26′ 52″E
36° 12′ 45″N 129° 26′ 52″E
36° 12′ 45″N 129° 26′ 46″E
(30(171)13 Inchon)

806902 1Ed. 10/16/10 LAST NM N32/13 N33/13

Delete Legend "Works in Progress" 36° 05′ 26″N 129° 28′ 09″E

Substitute Solid line (breakwater) [F4.1] for dashed line between
36° 05′ 54″N 129° 27′ 51″E
36° 05′ 22″N 129° 27′ 51″E

Change Characteristic of buoy "7" to Fl G 4s
36° 01′ 24″N 129° 25′ 37″E

(2(21), 6(97)13 Inchon)

806967 1Ed. 1/2/10 LAST NM N20/12 N33/13

Add Fish haven area with blue tint [K46.1] bound by dotted line (limiting danger line) joining
36° 12′ 55″N 129° 26′ 46″E
36° 12′ 55″N 129° 26′ 52″E
36° 12′ 45″N 129° 26′ 52″E
36° 12′ 45″N 129° 26′ 46″E

Solid line (breakwater) [F4.1] between
36° 05′ 54″N 129° 27′ 51″E
36° 05′ 22″N 129° 27′ 51″E

(2(21), 30(171)13 Inchon)

806973 1Ed. 7/7/12 LAST NM N32/13 N33/13

Relocate Buoy "7" from 37° 07′ 27″N 126° 33′ 54″E to
37° 07′ 30″N 126° 33′ 57″E
Buoy "9" from 37° 07′ 07″N 126° 34′ 39″E to
37° 07′ 09″N 126° 34′ 42″E
Buoy "11" from 37° 06′ 49″N 126° 35′ 21″E to
37° 06′ 48″N 126° 35′ 26″E
Buoy "A" from 36° 58′ 50″N 126° 46′ 25″E to
36° 59′ 06″N 126° 46′ 30″E

(30(566)13 Inchon)

Chart 18588 NM 33/13

COQUILLE RIVER CHANNEL

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

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
ENTRANCE TO PORT DOCK	13	12	8	6-13	200	0.7	13.0
PORT DOCK TO MILE 1.3	13	11	14	6-13	150	0.5	13.0

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

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 1/13 THROUGH NM 33/13

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	13/13
22	1	13/13
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	13/13
411	53	8,21,30/13
501	13	2,3,7,12,17,28,32/13
502	2	3,12,17/13
506	2	29,31/13
507	2	13/13
509	4	10,13/13
514	7	21/13
530	33	3,11,17,28,32/13
531	24	2/13
532	17	21/13
541	2	31/13
550	7	11,13/13
609	2	18/13
625	4	18/13
632	8	16/13
702	5	29/13
707	2	31/13
800	4	21/13
803	1	21/13
1113A		21/13*
1115A		1,2,3,5,9,14,20,27/13
1116A		23*,25,27,30,32,33/13
1117A		5,13,14,17,21/13
11004	8	13,14,21,27,32,33/13
11006	33	9,14,27,32,33/13
11009	39	6,8/13
11013	48	8,14,23,30/13
11299	1	N1,N5,N6/13
11300	43	5,13,14,17,21/13
11301	25	9,26/13
11302	33	9,26/13
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	1,2,6,13,14,17,26,27/13
11324	37	1,2,14,26/13
11325	40	17*,26,30/13
11326	38	1,2,14,33/13
11327	36	7*,26/13
11328	27	13*,26,33/13
11329	38	9,26,33/13
11330	22	28/13*
11332	33	13*,21,25,26,27/13
11339	4	18*,26,27,33/13
11340	77	26*,27,30,32,33/13
11341	44	22*,25,26/13
11342	55	2*,13,14,18,26/13
11343	38	13,26/13
11344	39	9,13,18,20,25,26/13
11345	35	25/13
11346	4	3,20,26,32/13
11347	40	25*,27,33/13
11348	23	23/13*
11349	45	2,3,4,6,9,13,15,18,27/13
11351	43	1,5,13/13
11352	42	3,27/13
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11356	39	1,3,5,6,9,13,15,17,21/13
11357	42	1,2,3,9,15,21,27,33/13
11358	57	1,6,20,32,33/13
11360	44	1,2,3,5,9,14,20,27/13
11361	77	27/13*
11362	5	N1,N2,N3,N5,N9,N14, N20,N27/13
11363	44	17*,20,27,30/13
11365	23	8*,20,27/13
11366	15	2,3,5,9,14,20,27,30,32, 33/13
11367	36	27/13
11368	25	27/13
11370	28	3,13,17,20,27/13
11371	40	27/13
11372	35	27,30,33/13
11373	50	9,14,20,27,30,33/13
11374	36	20,27,30/13
11375	38	27/13
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
11391	25	12/13*
11393	22	8*,26/13
11401	31	10/13*
11402	22	31/13*
11404	24	4/13*
11407	19	7/13*
11411	19	31*,32/13
11412	45	8,17,32/13
11415	9	17,27,32/13
11416	11	8,15,27,32/13
11420	30	21/13*
11424	20	17/13
11425	39	31*,32/13
11426	38	1/13
11427	35	1/13
11434	28	29/13
11438	14	11/13*
11439	27	25/13*
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11442	36	6*,16/13
11445	31	16/13
11446	33	18*,27,29/13
11447	37	6,11,16,29/13
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	5,15,16,17/13
11468	43	5,16/13
11469	9	15/13
11470	39	5,15/13
11471	1	N5,N15/13
11472	35	6,15,29/13
11473	1	N15,N17/13
11474	11	8/13
11475	19	29/13
11476	22	1/13
11477	6	N8,N28,N29/13
11478	23	20*,27,29/13
11479	5	N8,N15/13
11480	41	8,11,26,32/13
11481	8	28/13*
11482	1	N5/13
11484	24	1/13
11485	36	1,11/13
11488	28	1,11/13
11489	39	1,6,8,17,26,29,32/13
11490	20	26,29,32/13
11491	38	26,32/13
11492	21	17/13
11493	10	N8,N16/13
11494	9	N6,N8,N16/13
11496	10	N8,N11,N26,N32/13
11503	45	25/13*
11504	18	17/13
11505	4	6,11,16,26,27,32/13
11506	45	6,11,16,27,29/13
11507	34	17,26/13
11509	32	8,26,32/13
11510	20	26/13
11512	63	28*,32/13
11513	26	16/13
11514	30	6,11,16,27/13
11516	31	17/13
11518	38	16,17/13
11520	44	6/13
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11524	53	6,8,11,16,17,22,27/13
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11527	18	8,16,25/13
11532	22	3*,6,8,27/13
11536	19	11/13
11537	39	24*,28/13
11541	40	19*,32/13
11543	24	3*,32/13
11544	40	6/13
11545	65	27/13*
11547	38	12,21,24,28,32/13
11550	30	3/13*
12200	50	1,7,8,11,17,23,24,31/13
12201	26	N1,N7,N8,N11,N17, N23,N24,N31/13
12204	38	10*,17/13
12205	33	17,31/13
12206	34	16*,22/13
12207	23	17*,31/13
12208	15	6,7,9,24,31/13
12210	38	1,4,6,11,17/13
12211	45	27/13*
12214	49	8/13
12221	81	7,17,20,27/13
12222	54	25*,27,30/13
12224	25	20,27/13
12225	60	4,7,8,20/13
12226	18	7,20/13
12228	33	4/13
12230	66	25/13*
12231	29	4/13
12233	37	4,11,27/13
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	67	6,27/13
12248	43	12/13*
12252	25	13/13*
12253	47	22/13
12254	49	27,30/13
12255	17	30/13
12256	17	27,30/13
12261	30	10*,27/13
12263	56	4,25,27/13
12264	31	13*,27/13
12266	30	4/13
12270	35	25/13
12272	31	12/13
12273	58	4,9,12,27/13
12274	36	27/13
12277	35	14,27/13
12278	78	3*,12,14,27,32/13
12280	10	4,7,9,11,12,20,27/13
12281	54	4,14,32/13
12285	41	19*,26/13
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, 30/13
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12304	46	8,26/13
12311	46	8,9,14,25/13
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12314	33	13,18/13
12318	45	12,14,23,24,25/13
12323	26	10*,12,14,23/13
12324	35	9,12,23/13
12326	51	8,9,12,14/13
12327	105	4,13,18,25,27,28,29, 32/13
12331	32	4,28/13
12332	23	4,28/13
12333	37	11*,13,19,28,32/13
12334	71	3,25,27,28,32/13
12335	45	3,27,29,32/13
12337	24	22*,32/13
12338	11	27*,29/13
12339	47	20/13*
12341	28	32/13
12342	24	27/13*
12343	20	21*,22,27/13
12353	19	8/13
12354	44	1,11,13,17,18,25/13
12358	21	25/13
12362	17	1/13
12363	41	13,18/13
12364	39	1,4,13,18/13
12365	27	18/13
12367	25	18/13*
12368	28	32/13*
12369	26	13/13
12371	25	16,18/13
12372	35	1,11,16,18,21/13
12373	15	1,11/13
12374	14	11/13
12401	11	18/13
13003	51	3,8,11,14,16,17,23,24, 25/13
13006	36	3,8,11,14,16,20,32/13
13009	35	8,11,16,20,32/13
13200	38	11/13
13201	11	N11/13
13203	14	27/13*
13205	39	3,18,21,25,30/13
13209	26	3,21,25/13
13212	39	18/13
13213	42	12/13
13214	29	21/13
13215	20	3,30/13
13218	41	11,30/13
13219	13	30/13
13221	59	1,16,17,19,32/13
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13224	40	25*,33/13
13225	34	18,19,33/13
13226	7	1/13
13227	15	9/13
13229	31	4,20,21/13
13230	50	4/13
13233	19	11/13
13235	7	4/13
13237	42	27/13*
13241	17	27/13
13242	18	25,27/13
13260	41	8,16,20,32/13
13263	8	N8,N16,N20,N32/13
13267	35	4,16/13
13272	52	10,25,28/13
13274	28	11,16,17/13
13275	31	4,11/13
13276	23	4,11/13
13278	27	16,17/13
13279	33	17/13
13282	12	17/13
13283	22	25/13*
13285	12	19/13*
13286	31	16,20,32/13
13288	43	8/13
13292	40	9/13
13295	12	27/13*
13301	21	8/13
13302	23	8,25/13
13305	29	20/13
13309	29	14,25/13
13312	23	33/13*
13313	21	19/13*
13318	19	13/13*
13324	15	21/13*
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13396	6	6*,17/13
13398	4	7/13*
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14500	27	20/13
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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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14820	21	1,2,33/13
14822	32	15,33/13
14823	31	9/13*
14830	32	1,2/13
14832	35	20/13*
14833	27	9*,15,33/13
14835	33	1/13*
14838	4	33/13
14839	37	2/13
14842	15	1,2/13
14846	14	1,2/13
14847	31	2/13
14853	17	20/13
14854	14	20/13
14860	36	29,33/13
14862	28	12/13
14863	31	5/13
14864	27	29,33/13
14867	27	16/13*
14869	26	29,33/13
14880	32	33/13
14881	33	31/13
14883	43	30/13
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14902	29	2,14,31/13
14904	27	9*,29/13
14906	24	20/13
14907	27	20/13
14909	20	2/13
14912	17	14,31/13
14916	10	20/13
14918	27	20/13
14922	20	20/13
14924	29	9/13*
14925	23	2/13
14926	12	12/13
14928	23	12/13
14929	25	12/13
14930	26	6*,14/13
14934	29	25,30/13
14937	24	6/13
14938	24	12/13
14961	12	31,33/13
14964	21	33/13
14966	27	31/13
14970	26	31/13
14972	26	12,33/13
14975	35	1/13
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16006	35	21,30,33/13
16011	38	30,33/13
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16190	1	27/13*
16200	14	5,21/13
16220	6	28/13*
16304	3	25/13*
16322	8	7,26/13
16338	4	33/13
16380	15	31/13
16382	11	31/13
16474	8	22/13
16520	23	30/13
16531	7	20/13
16532	6	20/13
16535	12	30/13
16593	11	8/13
16594	13	3,8/13
16595	16	3*,8/13
16596	13	3*,8/13
16660	31	12/13
16663	9	12/13
16665	10	12/13
16700	32	3,29/13
16705	20	3/13
16707	13	29/13
16708	28	29/13
17003	4	4/13
17005	10	4,27/13
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,N27/13
18000	8	3,7,14,16,17/13
18002	8	N12*,N14,N16,N17, N20,N26/13
18003	20	2,20,24,27,31/13
18005	6	N12*,N17,N32/13
18006	5	N13/13*
18007	33	2,20,27,28,31/13
18008	8	N2,N20,N28,N31/13
18009	4	N12*,N33/13
18010	22	12,18,27,28,31,33/13
18013	2	N14/13
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18022	36	3,7,11,12,14,16,17,20,26, 27,32,33/13
18400	49	2,6,24,27,33/13
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18423	38	2,20,24,26,27,30,32, 33/13
18424	28	2/13
18427	24	27*,33/13
18428	10	26/13
18429	10	24,33/13
18430	9	2/13
18440	30	2,20,27,30,32/13
18441	47	20,27,30,32/13
18445	34	2,24,25,30/13
18446	18	27/13
18448	35	2/13
18449	19	20,24,25,30/13
18450	19	7*,20,24,30/13
18453	27	20/13*
18454	5	N2/13
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18460	14	13*,27/13
18464	25	27/13
18465	39	24,27,32/13
18468	19	27/13
18471	11	27,32/13
18474	9	2,24,25,30/13
18480	32	12*,27/13
18484	12	2/13
18485	17	12*,27,30/13
18500	30	2,20,24,32,33/13
18502	87	6,24,32,33/13
18520	27	10,19,20,24/13
18521	74	4,6,20,31,32/13
18523	57	4,26,31/13
18524	37	4,31/13
18525	37	2,4,18,20,31/13
18526	60	2,4,18,31/13
18528	11	26/13
18531	23	4,18,19,20,31/13
18532	21	18/13
18539	9	19/13
18558	39	6,24/13
18561	13	10/13
18580	22	19,31/13
18581	19	6,32/13
18583	40	4/13
18584	48	6,8,10,19,32/13
18587	71	6,10,24,26,31/13
18588	37	11,26,33/13
18600	15	11,18/13
18605	13	18,19/13
18620	24	18,20,28/13
18622	55	26,27/13
18623	12	28/13
18640	26	32*,33/13
18645	28	33/13*
18647	16	26/13
18649	67	5,9,12,15,16,17,18,21,27, 31,33/13
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18653	12	7*,18,21,27/13
18654	45	4/13
18655	59	4/13
18656	56	21,28/13
18657	19	28/13
18658	31	21/13
18660	3	28/13
18661	30	11,28/13
18662	22	16/13
18663	6	11/13
18666	1	21/13
18680	32	33/13*
18685	34	33/13
18700	22	17,22,32/13
18703	26	21*,27,32/13
18720	33	3,7,14,17,18,22,27/13
18721	12	7,14,17,22,30,31/13
18724	2	26,33/13
18725	30	32/13*
18728	9	26/13
18729	13	26/13
18730	2	N3/13
18740	43	3,6,11,12,16,20,22,23,25, 26,27,28,33/13
18741	20	N13*,N16,N23,N27, N28/13
18746	38	20,22,26,28,33/13
18749	43	8,12,19,20,28,31,32/13
18751	46	12,19,20,28/13
18754	19	11/13
18755	10	27/13
18757	11	28/13
18758	7	9/13
18760	8	N12*,N14,N16,N20, N26,N27,N28,N33/13
18761	3	N12/13
18762	16	11,12/13
18763	11	11,12/13
18765	17	6,11,12,16,23,28/13
18766	7	6,11,16,23,28/13
18768	6	N12*,N16,N23,N28/13
18769	4	N13*,N27/13
18772	48	8,11,23/13
18773	43	5,9,11,23/13
18774	12	3,9,28/13
18775	3	N12/13
19002	11	N9,N14,N30/13
19004	39	9,14,30/13
19007	18	9,14/13
19008	5	9,14/13
19010	20	9,14,30/13
19013	19	9,14,30/13
19320	17	14/13
19327	11	8/13
19330	11	15/13
19339	2	N9,N14,N17,N19, N30/13
19340	27	9,14,17,19,30/13
19342	11	14/13
19347	18	14/13
19357	25	22*,25,27,32/13
19359	12	1,5/13
19362	14	27,32/13
19366	37	19/13
19367	40	3*,19,25/13
19369	7	3*,19,25/13
19386	12	20/13*
21014	72	4,7/13
21017	50	4,7/13
21021	4	N6/13*
21033	46	8,9,11,17,19/13
21036	7	9/13
21120	27	7/13
21122	5	7/13
21140	1	12,16,23/13
21160	1	11/13
21180	1	11/13
21441	28	N4/13
21483	2	14/13
21601	4	13/13
21604	26	12/13
21605	7	13/13
22000	16	6/13
22004	38	4,5,6,7,8,15/13
22008	35	4,5,6,10/13
22012	31	5,9/13
22036	28	3,4,17/13
22040	1	6,17/13
22050	4	9,11,15,16/13
22051	19	1,11,12,19/13
22052	7	1,4,7,12,13,14,19,20,21, 24/13
22054	1	7,11/13
22055	1	1,4,7,11,12,13,14,19,20, 21,24/13
22080	3	7,8,11/13
22081	1	11,13/13
22082	5	11/13
22083	6	11,13/13
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	5,6,7/13
22115	4	11/13
22117	3	7/13
22120	3	3,4,5,6,9/13
22121	9	4,9,31/13
22124	2	3,4,9,31/13
22130	2	4,6,33/13
22138	3	4,6/13
22140	2	6,10/13
22143	4	6/13
22160	2	6/13
22170	3	5,6/13
22172	9	N10/13*
22173	37	N7/13*
22180	2	9/13
22182	7	4/13
22183	4	9/13
22190	2	9/13
22221	20	14/13
22250	2	5/13
22259	5	25/13
22262	3	14/13
22281	10	26/13
22282	17	26/13
22285	1	26/13
22290	4	18/13
22305	2	3,18/13
22311	19	5,26/13
22312	3	N3,N30/13
22313	2	5/13
22314	1	3/13
22342	9	9/13
22346	1	3/13
22347	6	N9/13
22397	1	N4/13*
22398	1	N4/13*
22404	16	N9/13
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22410	32	9,17/13
22420	2	17/13
22425	2	9,17/13
22430	6	22/13
22433	3	3/13
22471	31	4,27/13
22481	35	5/13
22492	3	3/13
22521	4	N6/13
22523	4	N6/13
22524	2	27/13
22526	3	27/13
22551	2	6/13
23000	5	3,4,17/13
23010	4	3,17/13
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23023	4	8,17,22/13
23030	6	8,21,24/13
23071	4	N3,N19/13
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* indicates New Edition/New Chart; ** indicates Chart Canceled

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23121	7	5,9,25/13
23122	8	9,25,30/13
23123	4	N4/13*
23124	4	N5,N9/13
23125	5	N8/13*
23126	6	N5,N9,N25/13
23127	4	N5,N9,N25/13
23128	4	N9,N25/13
23129	3	N30/13*
23131	7	4,12/13
23141	8	N5/13*
23142	10	3,5,19,22/13
23145	4	N12/13*
24000	39	8/13
24008	42	7/13
24016	53	8/13
24028	6	18,27/13
24050	12	N7*,N20,N26,N27/13
24051	1	20,24/13
24052	17	N5,N10,N11,N15,N16, N27/13
24053	17	N9,N11,N16/13
24055	7	N12*,N26,N27/13
24057	6	N6,N8,N20,N26/13
24058	3	N14,N15,N26,N32/13
24060	2	8,20,24/13
24092	15	N16/13
24130	14	7/13
24131	8	7/13
24132	13	31/13
24141	4	7/13
24149	2	31/13
24154	12	7/13
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	11/13
24203	36	11/13
24220	14	8/13
24222	3	11/13
24223	33	8/13
24251	24	N12/13*
24271	15	N6/13
24290	3	7/13
24292	4	7/13
24293	6	7,8/13
24294	23	7/13
24311	4	7/13
24350	2	13/13
24355	2	13/13
24360	1	13/13
24375	2	24/13
24380	2	13,29/13
24388	2	13,21/13
24404	9	7,27,32/13
24405	12	N7,N32/13
24406	32	N7,N32/13
24434	4	28/13
24435	5	28/13
24450	3	2,8/13
24453	5	8/13
24454	5	8/13
24455	15	8/13
24460	4	2,18/13
24461	4	2,7/13
24463	7	N11/13*
24468	1	13,15/13
24469	1	13,15/13
24470	4	3,30/13
24471	9	30/13
24480	1	3,7,17,18,24,25,27/13
24485	1	14,30/13
24486	1	18,25,27/13
24490	3	30/13
24491	3	8,14,27,30/13
24500	1	2,8,33/13
24501	3	8,17/13
24502	6	2,8,33/13
24504	7	3,17,18,24,25/13
24507	1	3,4,8,10,17,20,24,25/13
24508	4	2,4,5,10,20,25/13
24509	3	4,8,10/13
24510	3	2,3,4,5,8,10,20,25/13
24511	2	18,24/13
24512	3	7,18/13
24513	18	7/13
24514	1	7/13
24517	2	18,25,27/13
24521	3	27/13
25017	6	N17/13
25018	9	17/13
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
25600	47	17/13
25601	34	1/13
25607	4	1/13
25608	22	1/13
25609	5	17/13
25613	3	27/13
25640	45	13*,17/13
25641	28	11,17/13
25645	20	6/13*
25647	11	17/13
25650	36	11,17/13
25653	13	16/13
25654	13	16/13
25655	12	16/13
25663	28	17/13
25664	17	17/13
25666	18	17/13
25668	21	6*,13,29/13
25673	16	11/13
25677	21	11,17/13
25681	18	11/13
25683	20	3*,17/13
26001	4	7,15/13
26060	1	13,16/13
26065	4	16/13
26066	12	1/13
26081	9	N32/13
26082	1	N17/13
26100	4	1,23/13
26130	20	1,15/13
26142	10	12/13
26146	1	29/13
26190	2	1/13
26218	2	23/13
26224	32	23/13
26229	11	11/13
26230	13	N11/13
26237	3	5/13
26240	7	1/13
26244	3	1,33/13
26245	16	1,3,15/13
26247	19	33/13
26250	18	3/13
26259	2	3,5/13
26295	1	31/13
26320	5	5,15,30/13
26323	4	4/13
27040	5	23/13
27042	21	15/13
27044	27	6/13
27061	5	14/13
27062	41	15/13
27080	4	14/13
27082	6	15,31/13
27083	39	31/13
27084	4	21/13
27100	2	20,21/13
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	15/13
27183	8	17/13
27206	18	10/13
27207	12	10/13
27211	22	15/13
28004	1	13/13
28006	1	15,32/13
28050	3	7,13,15/13
28120	1	10/13
28142	5	14/13
28150	3	14/13
28151	2	14/13
28170	1	28/13
28260	31	N31/13*
28320	6	4/13
28321	36	4/13
29002	9	22/13
29012	8	8/13
29101	6	9/13
29105	5	9,22/13
29106	5	8/13
29107	2	5/13
29141	3	8/13
29142	3	8/13
29281	1	8/13
29321	5	8/13
29322	3	8/13
35000	26	21,33/13
35002	1	N33/13
35006	2	N8/13*
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*
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	2	N5/13*
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*
36035	2	N10/13*
36036	2	N11/13*
36042	1	N8/13*
36049	2	N9/13*
37005	18	N7*,N8,N31,N33/13
37007	2	N25*,N27/13
37008	4	N22/13*
37010	24	4,8,33/13
37015	2	N27/13
37017	2	N25/13*
37019	3	N31/13*
37020	3	N27/13*
37021	3	N18/13*
37027	3	N8/13*
37028	3	N11/13*
37040	3	N10/13*
37058	2	N33/13
37066	8	N9/13*
37120	3	6,8,23,33/13
37129	7	N6,N21/13
37140	34	23/13
37162	13	N1,N5,N11,N22/13
37163	21	N21/13
37164	5	N4,N32/13
37165	4	N26*,N31,N33/13
37166	3	4,5,9,23/13
37200	16	8/13
37205	3	5,10/13
37221	14	5,6,8,9,10,11,12,13/13
37222	14	N6,N8,N10,N11,N12, N21,N22/13
37223	15	1,9,11,31/13
37224	12	N9*,N10,N22/13
37226	19	N25/13*
37228	15	N16/13*
37229	16	N18/13*
37230	15	N16/13*
37231	19	N5,N8,N10,N11,N12, N13/13
37232	13	N8,N12/13
37234	14	N10,N13/13
37235	11	5,10/13
37238	7	N21,N22/13
37241	20	N5,N24,N32/13
37242	12	N4/13
37244	12	N4,N5,N6,N8,N11,N21, N33/13
37246	16	N6,N10,N21,N23,N27, N29,N30/13
37247	1	N1,N6,N13,N22,N29/13
37248	20	N9,N23,N33/13
37445	2	N1/13*
37463	8	N15/13*
37464	3	N15/13*
38482	1	N1/13*
38541	5	N6/13*
38604	2	N9,N13/13
38607	2	3,13/13
38610	1	13/13
38682	3	9/13
38683	3	9/13
38690	2	13/13
41000	2	24/13
42742	3	23/13
43030	25	N15/13*
43141	6	N25/13*
43148	5	N9/13*
43168	3	N22/13*
43242	4	4/13
43263	7	31/13
43281	6	1/13
43285	5	1/13
43320	5	33/13
43323	4	1,33/13
43324	4	1/13
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	5,11,33/13
44036	5	2/13
44041	8	N2/13
44048	13	N18*,N28/13
44066	11	N8,N10/13
44072	4	8/13
44073	2	10/13
44075	5	N12/13
44076	4	N1,N8,N12/13
44082	11	8,10,11,13/13
44083	8	10,11,13/13
44085	2	10,11,12/13
44161	2	1/13
44179	2	2,5/13
44206	1	2/13
44207	1	2/13
44282	1	26/13
44284	3	N25/13*
44289	1	N26/13*
44319	3	7/13
44320	4	7/13
44327	1	N27/13*
44341	8	N1/13*
44352	4	N8/13*
44353	1	N7/13
44360	10	7/13
44361	7	N32/13
44362	1	N32/13
44363	1	N7/13
44365	2	N6*,N19,N24,N31/13
44367	2	21/13
44400	5	7,20,33/13

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 1/13 THROUGH NM 33/13

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

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44410	5	33/13
44420	7	5/13
44430	3	5,11,20/13
44442	1	N5/13
44443	1	N5,N6/13
44446	1	N11,N20/13
44462	5	N8,N11,N12,N13, N25/13
44463	10	N8,N9,N10/13
44465	3	N8/13
51100	7	11/13
51142	2	33/13
51143	5	N33/13
51144	4	N25,N33/13
51150	1	11/13
51160	21	28/13
51168	2	28/13
51223	3	N1/13*
51261	23	25/13
51344	2	9/13
51580	13	28/13
52039	5	N25/13*
52081	6	N4/13*
52084	3	N25/13*
52122	16	N21/13
52125	1	21/13
52126	1	N21/13
52160	7	27/13
52170	3	27,30/13
52172	2	30/13
52184	4	N30/13*
52186	4	N27/13*
52200	8	5/13
52220	7	30/13
52282	11	N30/13*
53065	3	N18/13*
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	4	N18/13
54083	5	N7/13*
54085	3	N12/13*
54151	1	6/13
54222	4	10/13
54266	2	11/13
54267	1	11/13
54279	4	5/13
54280	11	5,6/13
54281	6	5/13
54285	1	5/13
54287	7	6/13
54289	8	2/13
54320	4	25/13
54324	9	5/13
54327	4	2/13
54333	3	2,4/13
54337	4	N2/13
54340	8	5/13
54343	10	5/13
54344	6	4,5/13
54359	2	6/13
54360	12	5/13
54361	10	6/13
54366	3	5/13
54367	3	5/13
54369	4	5/13
54380	7	N11/13*
54386	10	4/13
54389	8	2/13
54399	1	N12/13*
54400	8	4,5,6/13
54403	4	5,6/13
54404	4	5,6/13
54406	2	5/13
54407	4	1/13
54416	6	N12/13*
54417	2	N6/13*
54421	6	1/13
54424	1	1/13
54430	1	5,27/13
54441	6	6/13
54462	5	29/13
54480	9	N15*,N29/13
54481	9	4/13
55001	4	8,23,30/13
55046	5	N1,N3,N6/13
55047	8	1,3/13
55048	12	3/13
55049	7	N24/13*
55064	3	3/13
55082	9	9/13
55084	7	11,24,27/13
55085	9	11,23,24,26/13
55100	8	25,26/13
55101	5	23,27/13
55103	3	N9,N23,N25,N28/13
55104	2	9,26,28/13
55105	7	2,4,8/13
55127	2	26/13
55128	3	N23,N28/13
55129	7	25,26/13
55130	2	8,23,25,26,30/13
55131	1	30/13
55133	4	N25,N27/13
55140	2	8,25/13
55150	2	2/13
55160	2	4/13
55161	2	N4/13
55170	2	4,8,24,25,27,31/13
55180	2	25,27/13
55190	2	27,30/13
55200	2	8,23,24,25,27,31/13
55205	1	8,23,25,27,30/13
56011	1	11/13
56031	1	5,7/13
56081	21	N5/13*
56082	18	N5/13*
56083	4	N5/13*
56100	14	7,8/13
56101	7	8/13
56102	24	8/13
56103	8	N8/13
56104	3	7/13
57022	8	19/13
57029	9	11,14,15,16,19/13
57035	10	14,17,19/13
57063	6	N26/13*
57081	4	N1/13*
57320	4	19/13
57380	4	11,13,14,15,16/13
57381	13	N13/13
57400	5	11,14,16,19,26/13
57408	3	N14/13
57440	4	15,19/13
57460	5	14,17/13
57471	3	14,15,16/13
57480	9	11,14,15,16,17/13
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	16,17/13
61003	17	11/13
61015	8	21/13
61040	7	11,16,17/13
61050	5	16,17,19/13
61051	9	N16,N19,N26/13
61060	7	N11,N14,N16,N17/13
61061	11	N11,N14/13
61062	1	N14/13
61070	5	14/13
61071	10	N18/13
61080	4	14/13
61090	6	11,15/13
61091	7	N15/13
61092	14	N26/13
61110	3	21/13
61111	13	29/13
61191	8	21/13
61200	7	21/13
61210	6	21/13
61211	8	N21/13
61212	3	N21/13
61592	5	N22/13
62001	5	9,10,13/13
62024	13	17/13
62028	15	18/13
62032	16	6,11,12,15,16,18,21/13
62033	3	N6,N11,N12,N15,N16, N18,N21/13
62090	7	16,21/13
62092	8	N18*,N21/13
62097	6	16/13
62100	7	14/13
62110	10	9/13
62162	2	24/13
62177	4	N26/13*
62191	15	9,10,13/13
62193	18	N6/13*
62194	8	9/13
62195	7	13/13
62241	11	N7/13*
62242	12	N26/13*
62290	4	14/13
62314	3	18/13
62320	2	17/13
62330	2	22/13
62333	1	N6*,N17,N27,N28/13
62340	3	22/13
62343	4	27,28/13
62350	3	27/13
62355	7	17,23,24,27,28,30/13
62360	5	11,18,27,28/13
62361	2	N11,N18,N27,N28/13
62362	1	28/13
62364	1	23,25,27/13
62366	4	11,16/13
62392	8	18/13
62394	11	N1/13*
62400	17	6,10/13
62401	9	21/13
62403	5	32/13
62405	8	21/13
62406	3	N21/13*
62408	7	6,10,15,16,21/13
62412	13	8,11,20,22,31/13
62413	13	8,11,15/13
62418	9	N1/13*
62419	6	12/13
62420	5	8,11,12,14/13
62431	8	21/13
62432	18	21/13
62434	12	N27/13*
62437	12	9,16/13
62440	8	6,10,15,21/13
62441	10	20/13
62444	3	N12/13*
62446	4	N21/13
62447	3	N31/13*
62453	6	N8,N15/13
62455	8	N5/13*
62458	1	14,22/13
62460	5	6/13
62462	3	N5/13*
62463	3	N6/13*
62464	4	N20/13
62480	2	6,8,11,12,15,16,18,21/13
62490	2	8,11,12,20,21/13
62498	5	N6/13
62499	6	N20/13
62510	3	6,10,11,18/13
62512	3	N6,N10,N11,N18/13
62520	6	6,10,15,16,21/13
62521	4	N6,N10,N15,N16, N21/13
62530	6	6,8,11,12,14,21,22/13
62531	4	N6,N8,N11,N12,N14, N21/13
62540	6	15,18,20,21,23,24/13
62541	3	N15,N18,N20,N21,N23, N24/13
62550	3	6,8,11,21,22/13
62560	4	11,21/13
62570	4	11,17,23/13
62590	3	11,16,17,20/13
62591	4	N11,N17,N20/13
62592	1	11/13
63000	13	22,27/13
63005	18	22,27,28/13
63010	14	2,22,29,30/13
63015	11	2,28/13
63020	15	22/13
63050	3	21/13
63053	5	21/13
63055	3	11,21/13
63060	8	21,22,23/13
63062	8	2,27/13
63063	9	27/13
63065	6	28/13
63070	4	2,27/13
63080	6	22/13
63090	9	9,27,31/13
63091	4	22,27,28/13
63092	5	N24/13*
63101	17	N9,N22,N27,N31/13
63102	21	N22,N27,N31/13
63103	19	N22,N31/13
63110	4	27/13
63112	1	N27/13
63113	1	N27/13
63120	2	28/13
63121	6	27,28/13
63150	1	22,27,28,29/13
63200	5	28/13
63201	11	N28/13
63205	3	N28/13
63210	4	30/13
63230	6	22/13
63250	6	2,23/13
63252	2	N23/13
63260	6	2,22,27/13
63270	7	23,28/13
63271	9	N23,N28/13
63310	5	22/13
63330	9	28/13
63337	16	28/13
63383	6	N6/13*
63390	2	23/13
63400	1	33/13
63410	6	33/13
63413	6	N27/13
63420	2	28,33/13
71012	4	N26/13*
71027	9	13,16,29,30,31/13
71033	31	16/13
71040	5	22/13
71042	2	N22/13
71043	3	22/13
71044	2	22/13
71058	3	N28,N32/13
71059	2	N28,N29,N32/13
71061	16	N29,N32/13
71243	6	4,6/13
71247	20	N26/13*
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CHARTS AFFECTED BY NOTICE TO MARINERS
NM 1/13 THROUGH NM 33/13

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

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74237	3	N14/13
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93025	5	8,9,10/13
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93049	1	24/13
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93248	1	22/13
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93340	4	12/13
93342	6	N12/13*
93385	7	N8/13*
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93406	5	N24/13*
93503	7	N8/13*
93600	4	N12/13
93610	3	9/13
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93650	2	9,12,18/13
93652	2	12/13
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
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93717	1	N8,N9/13
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93721	6	N6,N9,N13,N27,N28, N29,N30,N32,N33/13
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93730	5	N6*,N9,N13,N18,N28, N29,N33/13
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94042	10	N1/13*
94060	12	11,30,33/13
94061	6	12,13/13
94063	5	33/13
94067	11	30/13
94080	8	30/13
94082	9	12,30,32,33/13
94083	12	12,30/13
94084	1	12/13
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94160	9	4,9,11,25,28/13
94164	2	12,14,25,26/13
94165	4	13,14/13
94180	10	12/13
94188	2	9/13
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94203	10	8,9,10,12,13,14,15,16, 17/13
94206	3	8,9,10,11,16/13
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94217	7	N8,N33/13
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94220	5	8,10/13
94260	7	N1*,N16/13
94280	7	N1/13*
94281	7	N15/13
94282	9	7,8,12,13/13
94283	8	N7,N8,N10,N11,N12, N13/13
94290	3	10/13
94360	7	N15,N20/13
94363	5	N15,N20/13
94364	1	N15,N19/13
94380	5	N11/13*
94420	4	10/13
94421	11	13/13
94423	13	N17,N19/13
94427	2	N18/13
94440	4	N16/13
95060	15	N17*,N19,N23,N27/13
95065	7	N23,N25,N30/13
95066	13	N19,N20,N21,N22,N23, N24,N25,N26,N27,N29, N30,N31,N33/13
95067	16	N22,N23,N24,N28,N29, N30/13
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	27,28,32/13
95101	9	N28/13
95102	9	N27/13
95103	9	N32/13
95120	10	N22/13
95136	1	N23,N28/13
95138	9	N28/13
95140	16	21,25,32/13
95141	9	N25/13
95143	12	N22,N25,N28/13
95144	10	21/13
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95160	14	22,25,28,33/13
95161	18	N23,N25,N27,N28,N31, N32/13
95163	3	N32,N33/13
95164	5	N28/13
95167	12	N32,N33/13
95171	2	N29/13
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	N1/13*
96042	11	13/13
96043	8	13/13
96600	4	8/13
96740	12	3/13
97000	3	3,11/13
97021	8	22,25,28/13
97022	1	N21,N22,N32/13
97026	10	31/13
97028	1	N16/13*
97050	2	N1/13*
97054	1	N16/13*
97063	2	16/13
97095	3	N30/13*
97140	17	4/13
97183	9	16/13**
97212	1	N30/13*
97227	11	30/13**
97235	2	27/13**
97254	1	N27/13*
97320	6	8/13
97342	14	3/13
97360	6	28,31/13
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
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,N33/13
803406	1	N20/13*
803427	1	N23,N28/13
803470	1	N29/13
803496	1	N19,N20,N23,N24,N25, N27,N30,N31/13
803601	1	N5/13*
803628	1	N25/13*
804344	1	N22,N23,N24,N27,N29, N30/13
804567	4	N11/13
805118	4	N5/13
805170	2	N25/13**
805195	2	N33/13
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	N33/13
806973	1	N17*,N19,N20,N21, N26,N28,N32,N33/13
806978	1	N25/13*
806979	1	N13*,N23/13
807370	5	N17/13
808528	1	N25/13**
809121	1	N23,N25,N27,N28,N31, N32/13
809122	1	N17/13*
809144	1	N21*,N25/13
809164	1	N13/13*
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SECTION II
NGA/DLIS CATALOG CORRECTIONS

Note: Underlining indicates that column in which a correction has been made or new information added.			Edition			
NGA Ref. No. (National Stk. No.)	Title	Scale = 1:	No.	Date	Price Category	NTM
	REGION 1					
13BCO13312 (7642014010433)	Frenchman and Blue Hill Bays	80,000	23	5/13	NOS	33/13
18ACO18645 (7642014011504)	Gulf of the Farallones	100,000	28	5/13	NOS	33/13
	Inset: Southeast Farallon	20,000				
18ACO18680 (7642014011505)	Point Sur to San Francisco	210,668	32	5/13	NOS	33/13

Price Categories effective 1 October 2012

A	22.25	E	11.50	G	7.00
D	13.75	F	11.50	H	11.50

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

COAST PILOT CORRECTIONS

COAST PILOT 2 42 Ed 2013 28 JUL 2013
LAST NM 31/13

Chapter 10—Paragraph 78; read:

(78) **Green Harbor** is a privately maintained two-part harbor just westward of the entrance to Green Creek. The entrance to the outer basin and the connecting channel between the outer and inner basins are very narrow. In 1985, depths were reported to be about 6 feet. Limited berthing is available in the outer basin. A boatyard is in the inner basin. An aquaculture site, marked by a private buoy, is near the entrance to Green Harbor around 40°43'11"N., 73°05'36"W.

(L 1156-2013) 33/13

COAST PILOT 4 44 Ed 2012 28 JUL 2013
LAST NM 32/13

Chapter 9—Paragraph 211; read:

(211) State Route 415 highway bridge crossing the St. Johns River, 3 miles east of Sanford, is under construction (2013). An overhead power cable at the bridge has a clearance of 69 feet.

(LNM 24/13 CG7; L 1133-2013) 33/13

Chapter 10—Paragraph 21; read:

(21) There is good anchorage in the Matanzas River at St. Augustine both below and above the bridge. This anchorage, however, is not used as a harbor refuge because during strong northeasterly and northwesterly winds the sea makes the bar impassable even for small vessels. A more protected anchorage with a hard sand bottom is reported in **Salt Run,** close south-southeastward of St. Augustine Inlet. The mariner should favor the eastern shore for the best water and lee. Private buoys mark the channel into Salt Run.

(L 950-2013) 33/13

Chapter 12—Paragraph 488; read:

(488) At **Lantana, Mile 1031.0,** Lantana Avenue bridge crossing the waterway is under construction (2013). There are small-craft facilities at **Miles 1032.6** and **1033.1.** Berths with electricity, gasoline, diesel fuel, water, ice, marine supplies, pump-out station, wet and dry storage are available. A lift to 85 tons is available for hull and engine repairs.

(L 1014-2013; LNM 28/13 CG7) 33/13

COAST PILOT 5 41 Ed 2013 28 JUL 2013
LAST NM 32/13

Chapter 7—Paragraph 370; read:

(370) **Chef Menteur Pass**, a connecting passage between Lake Borgne and Lake Pontchartrain, is located about 10 miles SW of The Rigolets. The pass is about 6 miles long and 0.2 mile wide. There is a considerable range in depths in the pass with shallow water off the entrances. The pass, used by pleasure and fishing craft, is usually entered through the Intracoastal Waterway. A light marks the entrance from Lake Borgne, and another light marks the entrance from Lake Pontchartrain; two lights mark the Intracoastal Waterway crossing. An Intracoastal Waterway alinement channel crosses Chef Menteur Pass 1 mile SE of the original Intracoastal Waterway crossing. Two swing bridges cross the Chef Menteur Pass. The Chesapeake Seaboard X Transportation, Inc. (CSX) bridge has a clearance of 10 feet. The U.S. Route 90 highway bridge, crossing 0.3 mile NW of the railroad bridge, has a clearance of 10 feet. (See **117.1 through 117.49** and **117.436**, chapter 2, for drawbridge regulations.) The town of **Chef Menteur** is between the bridges. A large spherical tank 0.4 mile NW of the highway bridge is conspicuous.

(L 929-2013; NOS 11367) 33/13

Chapter 7—Paragraph 382; read:

(382) Three causeways cross the E end of Lake Pontchartrain. U.S. Interstate Route 10 highway causeway, about 3.5 miles W of The Rigolets and crossing between **Pointe aux Herbes** and **Howze Beach**, has a bridge with a fixed span over the navigation channel about 1.2 miles from its NE end with a clearance of 73 feet. U.S. Route 11 highway causeway, W of U.S. Interstate Route 10 highway causeway and crossing from Pointe aux Herbes to **North Shore**, has two bascule bridges; one, about 1 mile SW of North Shore, has a clearance of 13 feet; the other, about 0.4 mile NE of Pointe aux Herbes, has a clearance of 12 feet. The N span is equipped with a radiotelephone. The bridgetender can be contacted on VHF-FM channel 13; call sign, KMC-226. The overhead power cable just W of this bridge has a clearance of 94 feet. The Southern Railway causeway, W of U.S. Route 11 highway causeway and crossing between **South Point** and North Shore, has a bascule bridge about 1 mile SW of North Shore. The bridge has a clearance of 4 feet closed and 106 feet open (leaf overhangs the channel). The bridgetender monitors VHF-FM channel 13; call sign KA-5070. The overhead power cable just W of this bridge has a clearance of 12 feet but is submerged at the channels. (See **117.1 through 117.59**

COAST PILOT 5 (Continued)

and **117.467**, chapter 2, for drawbridge regulations.)
(L 922-2013; NOS 11369; L 215-1992) 33/13

Chapter 9—Paragraph 86; read:

(86) At **Larose**, about 34 miles above the entrance to Bayou Lafourche, the Intracoastal Waterway crosses the bayou. A vertical lift bridge is about 0.5 mile SE of the waterway with a clearance of 2 feet in the closed position and 73 feet in the open position. A lift bridge about 1.0 mile W of the waterway junction has a clearance of 2 feet in the closed position and 73 feet in the open position. There are two wharves on the SW side of the intersection. Larose has several shipyards and boatyards. One shipyard with a 1,500-ton floating drydock is on the Intracoastal Waterway just SW of its junction with Bayou Lafourche; general repairs can be made. Marine railways that can handle craft up to 60 feet for general repairs are available at the boatyards. Machine shops and radio repair facilities are also available. Fuel, water, ice, and marine supplies can be obtained. A shipyard builds barges on the N side of the bayou just above the intersection.
(L 965-2013; LNM 26/13 CG8; L 779-2013) 33/13

COAST PILOT 6 43 Ed 2013 28 JUL 2013
LAST NM 32/13

Chapter 1—Paragraphs 108 to 108.01; read:

(108) **Broadcast Notices to Mariners** are made by the Coast Guard to report deficiencies and important changes in aids to navigation. (See Navigational Warnings, Information and Weather, this chapter.)

(108.01)The **Special Notice to Mariners** is an annual publication containing important information for mariners on a variety of subjects which supplements information not usually found on charts and in navigational publications. It includes excerpts from various federal laws and regulations regarding marine pollution reporting, aids to navigation, and Vessel Traffic Service procedures. There are tips for trip planning, updates to the Rules of the Road, and information on local hazards. Also included are points of contact, phone numbers and email addresses for various subject matter experts, to assist the mariner in locating further information.
(NOS 2013; Spec. LNM/13 CG13) 33/13

Chapter 1—Paragraphs 151.01 to 348.04; read:

(151.01) SEARCH AND RESCUE

(151.02) **Coast Guard Search and Rescue**

(152) The Coast Guard conducts and/or coordinates search and rescue operations for surface vessels or aircraft that are in distress or overdue. Search and Rescue vessels and aircraft have special markings, including a wide slash of red-orange and a small slash of blue on the forward portion of the hull or fuselage. Other parts of aircraft, normally painted white, may have other areas painted red to facilitate observation. The cooperation of vessel operators with Coast Guard helicopters, fixed-wing aircraft, and vessels may mean the difference between life and death for some seaman or aviator; such cooperation is greatly facilitated by the prior knowledge on the part of vessel operators of the operational requirements of Coast Guard equipment and personnel, of the international distress signals and procedures, and of good seamanship.

(153) <Deleted Paragraph>

(153.01) **Search and Rescue - Great Lakes**

(154) The United States Coast Guard has established a toll-free search and rescue telephone number for the Great Lakes. The number is intended for use when the telephone number of the nearest Coast Guard station is unknown, or when that station cannot be contacted. The toll-free number should not be used without first attempting to contact the nearest Coast Guard station. In all Great Lakes States the telephone number is 800–321–4400. This number is to be used for public reports of distress incidents, suspicious sightings, pollution or other maritime concerns.

(154.01)<**Deleted Paragraph Header**>
(155) <Deleted Paragraph>
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(170) <Deleted Paragraph>

(170.01) **Radiotelephone Distress Message**

(171) Distress calls indicate a vessel or aircraft is threatened by grave and imminent danger and requests immediate assistance. They have absolute priority over all other transmissions. All stations which hear a distress call must immediately cease any transmission capable of interfering with the distress traffic and shall continue to listen on the frequency used for the emission of the distress call. This call shall not be addressed to a particular station, and acknowledgment of receipt shall not be given before the distress message which follows it is sent.

(172) Distress calls are made on VHF-FM channel 16

COAST PILOT 6 (Continued)

(MAYDAY) or 2182 kHz. (Note that the US Coast Guard does not monitor 2182 kHz on the Great Lakes.) For less serious situations than warrant the distress procedure, the radiotelephone urgency signal consisting of three repetitions of the word PAN-PAN (pronounced PAWN-PAWN), or the safety signal SECURITE (pronounced SECURITAY) spoken three times, are used as appropriate. For complete information on emergency radio procedures, see **47 CFR 80** or **Radio Navigational Aids, Pub. 117**.

(172.01) **Global Maritime Distress and Safety System (GMDSS)**

(173) This international system, developed by the International Maritime Organization (IMO), is based on a combination of satellite and terrestrial radio services, and has changed international distress communications from being primarily ship-to-ship based to primarily ship-to-shore (Rescue Coordination Center) based. Prior to the GMDSS, the number and types of radio safety equipment required to be carried by vessels depended upon the tonnage. Under GMDSS, the number and type of radio safety equipment vessels are required to carry depend on the areas in which they travel; GMDSS sea areas are defined by governments. All GMDSS-regulated ships must carry a satellite EPIRB, a NAVTEX receiver (if they travel in any areas served by NAVTEX), an Inmarsat-C SafetyNET receiver (if they travel in any areas not served by NAVTEX), a DSC-equipped VHF radiotelephone, two or more VHF handhelds, and a search and rescue radar transponder (SART).

(173.01) **Automated Mutual Assistance Vessel Rescue System (AMVER)**

(174) AMVER is a worldwide voluntary ship reporting system operated by the United States Coast Guard to promote safety of life and property at sea. AMVER's mission is to quickly provide SAR authorities, on demand, accurate information on the positions and characteristics of vessels near a reported distress. Any merchant vessel anywhere on the globe, on a voyage of greater than 24 hours duration, is welcome in the AMVER system and family. International participation is voluntary regardless of the vessel's flag of registry, the nationality of the owner or company, or ports of call.

(175) According to U.S. Maritime Administration (MARAD) regulations, U.S. flag merchant vessels of 1,000 gross tons or more operating in foreign commerce and foreign flag vessels of 1,000 gross tons or more for which an Interim War Risk Insurance Binder has been issued under the provisions of Title XII, Merchant Marine Act, 1936, must report and regularly update their voyages and positions to AMVER in accordance with instructions set forth in the AMVER Ship Reporting System Manual. For more information contact: AMVER Maritime Relations U.S. Coast Guard, 1 South Street Battery Park Building, New York, NY 10004; Phone: 212–668–7764, Fax: 212–668–7684, Telex: 127594-AMVER NYK, or go to http://www.amver.com/.

(175.01) **COSPAS-SARSAT**

(176) COSPAS: Space System for Search of Distress Vessels; SARSAT: Search and Rescue Satellite-Aided Tracking. COSPAS-SARSAT is an international satellite system designed to provide distress alert and location data to assist search and rescue (SAR) operations, using satellites and ground facilities to detect and locate the signals of distress beacons operating on 406 MHz. For more information on the Cospas-Sarsat System go to http://cospas-sarsat.org.

(176.01) **Digital Selective Calling (DSC)**

(177) The U.S. Coast Guard offers VHF and MF/HF radiotelephone service to mariners as part of the Global Maritime Distress and Safety System. This service, called digital selective calling (DSC), allows mariners to instantly send an automatically formatted distress alert to the Coast Guard or other rescue authority anywhere in the world. Digital selective calling also allows mariners to initiate or receive distress, urgency, safety and routine radiotelephone calls to or from any similarly equipped vessel or shore station, without requiring either party to be near a radio loudspeaker. Each ship or shore station equipped with a DSC terminal has a unique Maritime Mobile Station Identity (MMSI). This is a nine-digit number that specifically identifies a ship, coast station, or group of stations. The DSC system alerts an operator when a distress call is received. It will provide the operator with a pre-formatted message that can include the distressed vessel's nine-digit MMSI, location, nature of distress, desired mode of communication and preferred working frequency.

(177.01) **Emergency Position Indicating Radiobeacon (EPIRB)**

(178) Emergency Position Indicating Radiobeacons emit a radio signal that can be used to locate mariners in distress. Search and Rescue Satellite Aided Tracking (SARSAT) satellites can locate the position of a 406 MHz EPIRB which greatly increases a mariner's chances of survival. While orbiting the earth, the satellites continuously monitor EPIRB frequencies. When SARSAT receives an EPIRB signal, it determines the beacon's position that is ultimately relayed to the nearest Coast Guard Rescue Coordination Center where rescue units are dispatched to the scene.

(179) Mariners should ensure that their EPIRB is in working condition and stowed properly at all times to avoid non-distress emissions. Mariners are required to register their 406 MHz EPIRBs for improved search and rescue response, and keep the registration current at all

COAST PILOT 6 (Continued)

times. Registration can be accomplished online at https://beaconregistration.noaa.gov/rgdb/.

(179.01)

EPIRB Types		
Type	Frequency	Description
Cat I	406 MHz	Float-free, automatically activated EPIRB. Detectable by satellite anywhere in the world. Recognized by the Global Maritime and Distress Safety System (GMDSS).
Cat II	406 MHz	Similar to Category I, except is manually activated. Some models are also water activated.

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(180.01) **Medical Advice**

(181) Ships at sea with no medical personnel embarked and experiencing a medical emergency onboard, can receive medical advice via radiotelex, radiotelephony or Inmarsat. Messages are generally addressed RADIOMEDICAL followed by the name of the coast station to which the message is sent. The priority of the message should depend on the severity of the ailment. In extreme emergency, the urgency signal (PAN-PAN) should precede the address. Messages are sent using distress and safety frequencies.

(181.01) **Vessel Identification**

(182) Coast Guard search-and-rescue aircraft and surface craft use radar to assist in locating disabled vessels. Wooden and fiberglass vessels are often poor radar targets. Operators of disabled craft that are the object of a search are requested to hoist, as high above the waterline as possible, a radar-reflecting device. If no special radar-reflecting device is aboard, an improvised device can be used. This should consist of metallic objects of irregular shape. The more irregular the shape, the better will be the radar-reflective quality. For quick identification at night, shine spotlights straight up. If aircraft are involved, once you are identified, turn lights away so as not to blind aircraft crew.

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(220.01) **Float Plan**

(221) Small craft operators should prepare a float plan before starting a trip and leave it ashore with a yacht club, marina, friend or relative. It is advisable to regularly use a checking-in procedure by radio or telephone for each point specified in the float plan. A float plan is vital for determining if a boat is overdue and will assist in locating a missing vessel in the event search and rescue operations become necessary.

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(347.01) NAVIGATIONAL WARNINGS, INFORMATION AND WEATHER

(348) Marine radio warnings and weather are disseminated by many sources and through several types of transmissions. For complete information on radio warnings and weather, see **Radio Navigational Aids, Pub. 117** and the National Weather Service publication **World-wide Marine Radiofacsimile Broadcast Schedules**.

COAST PILOT 6 (Continued)

(348.01) Radio navigational warning broadcasts are designed to provide the mariner with up-to-date marine information vital to safe navigation. There are three types of broadcasts: coastal and local, long range and worldwide.

(348.02) Coastal and local warnings are generally restricted to ports, harbors and coastal waters, and involve items of local interest. Usually, local or short-range warnings are broadcast from a single coastal station, frequently by voice and also radiotelegraph, to assist small craft operators in the area. The information is often quite detailed. Foreign area broadcasts are frequently in English as well as the native language. In the United States, short-range radio navigational warnings are broadcast by the U.S. Coast Guard Districts via NAVTEX and subordinate coastal radio stations.

(348.03) Long range warnings are intended primarily to assist mariners on the high seas by promulgating navigational safety information concerning port and harbor approaches, coastlines and major ocean areas. Long-range radio navigational warnings are usually broadcast by means of radiotelegraphy, and in many instances by radio-teletypewriter. A NAVAREA system of navigational warning areas has been developed providing worldwide coverage using standard format and procedures. The U.S. participates as Area Coordinator for both NAVAREA IV (Western North Atlantic) and NAVAREA XII (Eastern North Pacific).

(348.04) The United States also maintains worldwide coverage using the HYDROLANT/HYDROPAC Navigational Warning System outside of NAVAREAs IV and XII.

(L 1269-2013; L 1270-2013) 33/13

Chapter 1—Paragraphs 348.06 to 367.01; read:

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(359.01) **NAVTEX**

(360) NAVTEX is a standard international method of broadcasting notices to mariners and marine weather forecasts using small, low cost receivers designed to be installed in the pilothouse of a vessel. NAVTEX receivers screen incoming messages, inhibiting those, which had been previously received or are of a category not of interest to the user, and print the rest on adding machine size paper. NAVTEX not only provides marine information previously available only to those knowledgeable in Morse code, but also allows any mariner who cannot man a radio full time to receive safety information at any hour. All NAVTEX transmissions are made on 518 kHz. Mariners who do not have NAVTEX receivers but have SITOR radio equipment can also receive these broadcasts by operating it in the FEC mode and tuning to 518 kHz.

Information broadcast over NAVTEX include offshore weather forecasts, offshore marine advisory warnings, search and rescue information, and navigational information that applies to waters from the line of demarcation (separating Inland Rules from COLREG Rule waters) to 200 miles offshore. Navigational information that affects the safety of navigation of deep draft (15 feet or more) vessels within the U.S. Inland Rules waters will also be included. Gulf Stream location is also included from Miami and Portsmouth. Coastal and high seas weather forecasts are not being broadcast over NAVTEX. The Safety of Life at Sea Convention, as amended in 1988, requires vessels regulated by that convention to carry NAVTEX receivers.

See Appendix A, U.S. NAVTEX Transmitting Stations, for a list of NAVTEX broadcast stations and message content covered by this Coast Pilot.

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(363.01) **Broadcast Notice to Mariners**

(364) The U.S. Coast Guard broadcasts marine safety information on VHF-FM Channel 22A (157.1 MHz) and on 2670 KHz single sideband (SSB). These safety broadcasts contain information such as notices to mariners, storm warnings, distress warnings and other pertinent information that is vital for safe navigation. Following a preliminary call on VHF-FM Channel 16 (156.8 MHz) and/or 2182 KHz, mariners are instructed to shift to VHF-FM Channel 22A simplex (157.1 MHz) or 2670 KHz respectively. Operators of vessels who plan to transit U.S. waters and who do not have VHF radios tunable to the U.S. Channel 22A are urged to obtain the necessary equipment. As a minimum, they should continually monitor 2182 KHz for announcements of U.S. Coast Guard marine safety broadcasts on 2670 kHz.

(364.01) **NOAA Weather Radio Broadcasts**

(365) NOAA Weather Radio provides continuous broadcasts of the latest weather information directly from National Weather Service (NWS) offices. In addition to general weather information, marine weather is provided by stations along the sea coasts and the Great Lakes. During severe weather, NWS forecasters can interrupt the regular broadcasts and substitute special warning mes-

COAST PILOT 6 (Continued)

sages. The stations operate 24 hours daily and messages are repeated every 4 to 6 minutes and are routinely revised every 1 to 3 hours or more frequently if necessary. The broadcasts are made on seven VHF-FM frequencies, 162.40 to 162.55 MHz. The 162.475 MHz frequency is only used in special cases where needed to avoid channel interference. They can usually be heard as far as 40 miles from the antenna site, sometimes more. The effective range depends on many factors, including the height of the broadcast antenna, terrain, quality of the receiver and the type of receiving antenna. As a general rule, listeners close to or perhaps beyond the 40 mile range should have a good quality receiver system to get reliable reception. (See Appendix A for a list of these stations in the area covered by this Coast Pilot.)

(365.01) **Commercial Maritime Coast Stations and Weather Nets**

(366) Commercial maritime coast stations, which provide communications services, broadcast weather information to ships at sea as a public service, or make forecast information available on demand, either free or for a nominal fee. These transmissions are most commonly performed using HF SITOR and Pactor/E-Mail, however, several of these stations also offer services via Inmarsat satellite and other means.

(366.01) There are also a number of maritime weather nets operating on commercial marine VHF, MF and HF, where weather information is exchanged. These nets are extremely popular in areas of the world which have a large yachting population and where weather is dynamic, such as in the Caribbean and typically incorporate volunteers ashore.

(366.02) Information on commercial maritime coast stations, including schedules and frequencies, is available in the **Radio Navigational Aids, Pub. 117**. (See Appendix A, Radio Weather Broadcasts, for additional information.)

(366.03) **Standard Abbreviations for Broadcasts**

(367) A listing of Standard Abbreviations for Textual Maritime Safety Broadcasts is contained in Appendix B. These abbreviations were jointly approved by the U.S. Coast Guard, National Weather Service, National Geospatial-Intelligence Agency and the Radio Technical Commission for Maritime Services. In addition to appearing in radio broadcasts of the U.S. Coast Guard and National Weather Service, they appear in Notices to Mariners of the U.S. Coast Guard and National Geospatial-Intelligence Agency, and in NAVTEX.

(367.01) <Deleted Paragraph>
(L 1270-2013) 33/13

Chapter 1—Paragraphs 367.04 to 374; read:

(367.04) **Voluntary Observing Ship Program (VOS)**

(368) The Voluntary Observing Ship program is organized for the purpose of obtaining weather and oceanographic observations from moving ships. An international program under World Meteorological Organization auspices, the VOS has over 5000 vessels participating from 23 countries. Any vessel willing to take and transmit observations in marine areas can join the program. Weather observations are essential to meteorologists preparing weather forecasts for coastal, offshore and high seas areas. For more information on the VOS, including a comprehensive observing handbook, visit http://vos. noaa.gov/.

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(370.01) **National Institute of Standards and Technology (NIST)**

(371) The National Institute of Standards and Technology maintains the standards for time and frequency for most users in the United States. NIST provides a variety of services designed to deliver time and frequency signals to the people who need them. The signals are broadcast via several mediums, including high and low frequency radio, the Internet and telephone lines. Broadcasts of time and frequency signals are made by stations operating in the part of the radio spectrum that is properly known as high frequency (HF), but is commonly called shortwave. Station WWV is located just north of Fort Collins, Colorado, and station WWVH is located on the island of Kauai, Hawaii. Both stations broadcast continuous time and frequency signals on 2.5, 5, 10 and 15 MHz; WWV also broadcasts on 20 MHz.

(372) **NIST Time and Frequency Services, Special Publication 432**, gives a detailed description of the signals and services offered by NIST, how they work and how you can use them. The publication is available for download at http://www.nist.gov/pml/div688/generalpubs. cfm.

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(L 1270-2013) 33/13

Chapter 5—Paragraph 99; read:

(99) A dredged approach channel leads east from the lake south of a detached breakwater and between converging breakwaters into the outer harbor of refuge. From the outer harbor, the inner harbor extends up the Oswego River for 0.5 mile along the Oswego piers. Another channel, protected by an extension of the west breakwater, extends southwest from the outer harbor along the shore to a turning basin. (See Notice to Mariners and the latest edition of the chart for controlling depths.) The breakwaters are marked by lights and a lighted buoy, and the channels by lighted and unlighted buoys. A mariner activated sound signal is at the light on the west breakwater, initiated by keying the microphone five times on VHF-FM

COAST PILOT 6 (Continued)

channel 83A.
(LNM CG9 09/24) 33/13

Chapter 6—Paragraph 424; read:

(424) The dredged channels are marked by lighted and unlighted buoys and lighted ranges. The lighted clock tower of the Erie County Courthouse is prominent on the line of **017.1°** Inner Range which marks Upper and Lower Straight Channels.
(LNM CG9 25/13) 33/13

Chapter 10—Paragraph 66; read:

(66) **Harbor Beach Light** (43°50'44"N., 82°37'53"W.), 54 feet above the water, is shown from a white conical tower on the north side of the harbor entrance. A mariner radio activated sound signal at the light is initiated by keying the microphone five times on VHF-FM channel 83A.
(LNM CG9 28/13) 33/13

Chapter 10—Paragraph 308; read:

(308) In Indian River, operation of vessels at high speed or towing water skis or similar contrivances is prohibited between Indian River Buoy 25 and daybeacon 40 and between daybeacons 57 and 63. A **slow-no wake speed** is enforced between daybeacons 40 and 57 and between daybeacon 63 and the head of the river.
(LNM CG9 26/13) 33/13

Chapter 11—Paragraphs 234 to 236; read:

(234) The dredged entrance channel leads from deep water in Lake Michigan between converging breakwaters to an outer basin, thence between piers and revetments to Muskegon Lake. The outer ends of the breakwaters and piers, and the inner ends of piers, are marked by lights. Currents in the channel attain velocities up to 3 mph in either direction. The outer basin is not adapted for anchorage of vessels, but reduces wave action in the entrance channel.
(235) <Deleted Paragraph>
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(NOS 14934) 33/13

Chapter 11—Paragraph 396; read:

(396) A dredged entrance channel leads east between the outer ends of the breakwaters and turns south to a small-craft harbor basin. A dredged channel continues inland for about 1 mile from the basin. Dangerous shoals form rapidly in the dredged sections of the waterway, and mariners are advised to navigate the waterway with extreme caution.
(NOS 14926) 33/13

Chapter 11—Paragraph 616; read:

(616) **Milwaukee Breakwater Light** (43°01'37"N., 87°52'55"W.), 61 feet above the water, is shown from a black lantern on a white square structure on the end of the breakwater on the north side of the main entrance channel. A mariner activated sound signal at the light is initiated by keying the microphone five times on VHF-FM channel 83A.
(LNM CG9 28/13) 33/13

Chapter 11—Paragraph 680; read:

(680) **Sheboygan Breakwater Light** (43°44'58"N., 87°41'34"W.), 55 feet above the water, is shown from a cylindrical tower with the outer end of the breakwater on the north side of the entrance channel. A mariner radio activated sound signal at the light is initiated by keying the microphone five times on VHF-FM channel 83A.
(LNM CG9 28/19) 33/13

Chapter 12—Paragraph 37; read:

(37) **De Tour Village, MI,** is on the west side of De Tour Passage northwest of Frying Pan Island. A ferry for passengers, autos, and limited freight operates year round from the village across the passage to Drummond Island. Small craft landing at De Tour Village must take care to avoid submerged cribs and dock ruins. A Michigan State Waterways Commission small-craft harbor protected by a breakwater marked by a light on the south end, is about 400 yards north of the ferry pier. Transient berths, gasoline, diesel fuel, water, electricity, sewage pump-out facility, marine supplies, a launching ramp, a 25-ton lift for hull and engine repair, and harbormaster services are available. The harbormaster monitors VHF-FM channels 16 and 9.
(NOS 14882; DD 23362) 33/13

Chapter 13—Paragraphs 129 to 130; read:

(129) **Big Bay Harbor** is a small-craft harbor of refuge in the southwest corner of Big Bay. A dredged entrance channel leads from deep water in Big Bay between converging breakwaters to an inner harbor basin. The outer ends of the east and west breakwaters are marked by a daybeacon and a light, respectively.

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(NOS 14963) 33/13

Chapter 13—Paragraph 188; read:

(188) **Copper Harbor** is a broad inlet on the north side of Keweenaw Peninsula about 9 miles northwest of Keweenaw Point. Narrow points of land extend from shore on either side of the entrance and leave an opening 1.4 miles wide. Islands and shoals extend about 1.1 miles east from the west point, and shoals extend about 0.15 mile west from the east point. The entrance between the shoals, marked by a bell buoy and a **190.5°** lighted range, is

about 550 feet wide with a depth of about 14 feet.
(LNM CG9 26/13) 33/13

Chapter 13—Paragraph 198; read:

(198) A channel leads between two partially submerged cribs from Lake Superior to deep water inside the harbor, and a basin has been dredged off a Michigan State Waterways Commission facility at the east end of the harbor. The entrance to the harbor is marked by a gong buoy and a **149.7°** lighted range.
(LNM CG9 26/13; NOS 14964) 33/13

Chapter 13—Paragraph 399; read:

(399) **Boundary Island** is a dangerous reef with several small islets near the center of Pigeon Bay. Close northwest of Boundary Island, a narrow point extends 1 mile east from shore to divide the inner part of the bay into two arms. A reef with small islets extends off the end of the point. **Acadia Rock,** covered 6 feet, is 1 mile westsouthwest of Boundary Island. **Laura Grace Rock,** covered 9 feet, is 0.3 mile west of Acadia Rock. Other than these dangers, the bay has deep water. Caution is advised when anchoring, because the rocks limit the available room and the holding ground is not good.
(NOS 14968) 33/13

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

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
350 9975	**Bakers Island Light**	42-32-11.20N 70-47-09.30W	Al WR 20s	111	W 16 R 14	White conical tower. 111	Emergency light Fl W 10s and horn of reduced intensity when main light or horn is extinguished. HORN: 1 blast ev 30s (3s bl). * 33/13
390	**The Graves Light**	42-21-53.60N 70-52-08.70W	Fl (2) W 12s 0.1s fl 1.8s ec. 0.1s fl 10s ec.	98	15	On light gray conical granite tower. 98	Emergency light of reduced intensity when main light is extinguished. HORN: 2 blasts ev 20s (2s bl-2s si-2s bl-14s si). * 33/13
425	**Boston Light**	42-19-40.86N 70-53-24.27W	Fl W 10s	102	27	On white conical tower. 102	Emergency light of reduced intensity when main light is extinguished. Two emergency lights may be visible from 336° to 001° and from 156° to 181°. HORN: 1 blast ev 30s (3s bl). * 33/13
440	**Minots Ledge Light**	42-16-11.00N 70-45-32.70W	Fl (1+4+3) W 45s 1.5s fl 5s ec. 1.5s fl 1.5s ec. 1.5s fl 1.5s ec. 1.5s fl 1.5s ec. 1.5s fl 5s ec. 1.5s fl 1.5s ec. 1.5s fl 1.5s ec. 1.5s fl 15.5s ec.	85	10	On gray conical tower. 87	HORN: 1 blast ev 10s (1s bl). * 33/13
9975 350	**Bakers Island Light**	42-32-11.20N 70-47-09.30W	Al WR 20s	111	W 16 R 14	White conical tower. 111	Emergency light Fl W 10s and horn of reduced intensity when main light or horn is extinguished. HORN: 1 blast ev 30s (3s bl). * 33/13
10705	*- Lighted Buoy 6*	42-21-16.76N 70-56-02.43W	Fl R 4s		4	Red.	
	*						33/13
14760.85	*- Lighted Buoy 6*	41-35-18.30N 70-27-49.20W	Fl R 2.5s			Red.	Private aid.
	*		*			*	33/13
14760.86	*- Lighted Buoy 7*	41-35-19.80N 70-26-50.90W	Fl G 2.5s			Green.	Private aid.
	*		*			*	33/13
14760.87	*- Lighted Buoy 8*	41-35-18.96N 70-27-06.36W	Fl R 2.5s			Red.	Private aid.
	*		*			*	33/13
14760.89	*- Lighted Buoy 10*	41-35-14.10N 70-27-12.84W	Fl R 2.5s			Red.	Private aid.
	*		*			*	33/13
29605	*- Channel Lighted Buoy 2*	40-38-56.82N 73-20-12.60W	Fl R 4s			Red.	Private aid.
		*					33/13
29610	- Channel Buoy 3	40-39-15.54N 73-20-28.44W				Green can.	Private aid.
		*					33/13
30000	*- Channel Lighted Buoy 3*	40-42-05.60N 73-00-17.50W	Fl G 4s			Black.	Private aid.
		*					33/13
30010	*- Channel Lighted Buoy 5*	40-41-56.10N 72-59-53.00W	Fl G 2s			Green.	Private aid.
		*					33/13

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	
30020	*- Channel Lighted Buoy 7*	40-41-49.00N 72-59-34.00W	Fl G 4s			Green.	Private aid.	
		*						33/13
30025	*- Channel Lighted Buoy 8*	40-41-47.80N 72-59-32.20W	Fl R 4s			Red.	Private aid.	
		*						33/13
30030	*- Channel Lighted Buoy 9*	40-41-45.10N 72-59-23.00W	Fl G 4s			Green.	Private aid.	
		*						33/13
30035	*- Channel Lighted Buoy 10*	40-41-44.00N 72-59-23.00W	Fl R 2s			Red.	Private aid.	
		*						33/13

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	
2950	*Deepwater Point Range Lighted Buoy 5D*	39-39-21.91N 75-32-49.72W	Fl G 4s		4	Green.	Replaced by can when endangered by ice.	
	*							33/13
*12692	*- Lighted Data Buoy A*	37-22-43.34N 77-20-00.66W	Fl Y 4s			Yellow.	Private aid.	
								33/13
*12692.1	*- Lighted Data Buoy B*	37-22-43.03N 77-19-56.90W	Fl Y 4s			Yellow.	Private aid.	
								33/13
19970	- South Daybeacon 2S	39-02-17.48N 76-33-58.58W				TR on pile.		
	*							33/13
19985	- North Daybeacon 2N	39-02-32.98N 76-33-25.75W				TR on pile.		
	*							33/13
35527	- Buoy 128A	39-30-00.98N 74-20-41.64W				Red nun with yellow square.		
		*						33/13
35649	- Buoy 161	39-26-55.01N 74-23-30.93W				Green can with yellow square.		
		*						33/13
36615	- Warning Daybeacon A	39-00-36.36N 74-49-02.94W				NW on pile worded DANGER SHOALING.		
	*					*		33/13
*36617	- Buoy 446	39-00-36.06N 74-49-02.04W				Red nun with yellow triangle.		
								33/13
36635	- Warning Daybeacon B	39-00-25.70N 74-49-35.31W				NW on pile worded DANGER SHOALING.		
	*					*		33/13
*36636	- Buoy 452	39-00-24.77N 74-49-34.74W				Red nun with yellow.		
								33/13

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

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
645	*Southeast Outer Shoal Lighted Buoy 2* Southeast of outer shoals.	28-22-50.74N 80-25-26.54W	Fl R 2.5s		5	Red.		
					*			33/13
1780	*- Lighted Buoy 6*	33-31-43.50N 79-02-04.12W	Q R		4	Red.		
		*						33/13
11495	Key Largo Daybeacon 29	25-14-16.65N 80-17-00.44W				SG on pile.		
		*						33/13
13880	NEWFOUND HARBOR KEYS LIGHT 50	24-36-47.52N 81-23-38.29W	Fl R 2.5s	16	5	TR on pile.		
					*			33/13
15235	- LIGHT 15A	24-34-54.99N 81-50-24.97W	Fl G 4s	14	5	SG on pile.		
					*			33/13
21590	- Channel Buoy 1 Due to frequently changing conditions, buoy is not charted.	27-18-51.76N 82-35-14.34W				Green can.		
		*						33/13
30800	*- Lighted Buoy 10*	18-27-32.61N 66-07-18.35W	Fl R 4s		5	Red.		
					*			33/13
37384	- Buoy 31A	30-59-18.28N 81-23-58.52W				Green can with yellow square.		
		*						33/13
38175	- LIGHT 47	30-31-20.02N 81-27-38.57W	Fl G 4s	12	5	SG-SY on pile.		
					*			33/13
57675	- LIGHT 51	27-02-37.29N 82-25-54.28W	Fl G 4s	12	5	SG-SY on pile.		
					*			33/13

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	
*1122	*NOAA Lighted Data Buoy 42055*	22-12-10.00N 94-00-01.00W	Fl (4) Y 20s		4	Yellow disc-shaped buoy with mast.	Aid maintained by NOAA.	
								33/13
*1442	*Texas A Scientific Monitoring Lighted Buoy A*	26-13-24.62N 97-05-05.65W	Fl Y 2.5s			Marks offshore renewable energy data location.	TAMU-SPI-1127. Private aid.	
								33/13
3700	GULF POWER COMPANY STRUCTURE LIGHT A	30-11-22.50N 85-44-20.50W	Q W	30		On skeleton tower.	Private aid.	
		*						33/13
37560	- Buoy 3	28-31-19.45N 96-15-43.42W				Green can with yellow square.		
						*		33/13
37575	- Buoy 5	28-29-59.56N 96-18-12.12W				Green can with yellow square.		
						*		33/13
37590	- Buoy 7	28-29-21.38N 96-20-12.11W				Green can with yellow square.		
						*		33/13

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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	
37605	- Buoy 9	28-28-41.96N 96-22-01.02W				Green can with yellow square.		
						*		33/13
37615	- Buoy 11	28-28-30.71N 96-22-17.40W				Green can with yellow square.		
						*		33/13
37620	- Buoy 12	28-28-23.75N 96-22-26.22W				Red nun with yellow triangle.	Ra ref.	
						*		33/13
37640	- Buoy 15	28-27-34.72N 96-22-54.92W				Green can with yellow square.		
						*		33/13
37645	- Buoy 16	28-27-36.39N 96-22-58.06W				Red nun with yellow triangle.		
						*		33/13
37650	- Buoy 17	28-27-20.39N 96-23-04.33W				Green can with yellow square.		
						*		33/13
37655	- Buoy 18	28-27-10.97N 96-23-15.08W				Red nun with yellow triangle.		
						*		33/13
37660	- Buoy 20	28-26-58.99N 96-23-21.23W				Red nun with yellow triangle.		
						*		33/13

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	
190 3585	**Point Hueneme Light**	34-08-42.61N 119-12-35.87W	Fl (5) W 30s 0.1s fl 4.9s ec. 0.1s fl 4.9s ec. 0.1s fl 4.9s ec. 0.1s fl 4.9s ec. 0.1s fl 9.9s ec.	52	14	White square tower on building. 48	Obscured from 296° to 155°. HORN: (251 feet from light) 1 blast ev 30s (3s bl). Activated upon request to the US Coast Guard via VHF channel 16.	
					*			33/13
3585 190	**- Light**	34-08-42.61N 119-12-35.87W	Fl (5) W 30s 0.1s fl 4.9s ec. 0.1s fl 4.9s ec. 0.1s fl 4.9s ec. 0.1s fl 4.9s ec. 0.1s fl 9.9s ec.	52	14	White square tower on building. 48	Obscured from 155° to 296°. HORN: (251 feet from light) 1 blast ev 30s (3s bl). Activated upon request to the US Coast Guard via VHF channel 16.	
					*			33/13
3615	- WEST JETTY LIGHT 3	34-08-38.33N 119-12-58.53W	Fl G 2.5s	42	5	SG on post.	Restricted area.	
					*			33/13
*14427	- Buoy 5	46-16-20.76N 124-01-51.74W				Green can.	Position shifted with changing conditions.	
								33/13
14905	ASH GROVE LIME DOCK LIGHT N	45-37-23.49N 122-47-16.61W	F Y			On corner of dock.	Private aid.	
	*	*	*	*		*		33/13
14906	ASH GROVE LIME DOCK LIGHT S	45-37-21.22N 122-47-16.61W	F Y			On corner of dock.	Private aid.	
	*	*	*	*		*		33/13
15635	- SOUTH REACH LIGHT 16	46-55-07.72N 124-05-00.31W	Fl R 4s	15	5	TR on pile.		
					*	*	*	33/13

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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	
*16917	*Point Williams Research Lighted Buoy*	47-34-13.79N 122-25-22.02W	Fl Y 4s			Yellow foam buoy.	Private aid.	33/13
*19629	SHELTON DOCK LIGHT	48-32-03.22N 123-00-33.29W	F Y			On dock.	Private aid.	33/13
*19744.1	HENRY ISLAND OUTSTATION LIGHT A	48-36-14.34N 123-10-21.41W	F Y			On dock.	Private aid.	33/13
*19744.2	HENRY ISLAND OUTSTATION LIGHT B	48-36-13.87N 123-10-19.45W	F Y			On dock.	Private aid.	33/13
*19744.3	HENRY ISLAND OUTSTATION LIGHT C	48-36-12.96N 123-10-18.92W	F Y			On dock.	Private aid.	33/13
*20175	FARRAGUT PARK BREAKWATER LIGHT 1	47-57-51.27N 116-32-42.68W	Fl R 4s			On breakwater.	Private aid.	33/13
*20180	FARRAGUT PARK BREAKWATER LIGHT 2	47-57-50.92N 116-32-44.26W	Fl G 4s			On breakwater.	Private aid.	33/13

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	
2905	- LIGHT 2	42-50-09.20N 78-52-28.80W	Fl R 6s	36 11	8	NR on post.		33/13

*

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CORRECTIONS TO PUB 110, LIST OF LIGHTS, 2013 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
12917.1 *J 4960.8*	Bajo Macabi, No. 23.						*Remove from list.*	
							*	33/13
	RIO MAGDALENA:							
16747 *J 6190*	**-F-1,** E. breakwater, head.	11° 06.4′ N 74° 51.0′ W	**L.Fl.G.** period 7s fl. 2s, ec. 5s	79 **24**	**15**	Red metal framework tower, white stripes.		
	*		*	*	*	*		33/13
16748 *J 6188*	**-F-2,** W. breakwater, head.	11° 06.4′ N 74° 51.3′ W	**L.Fl.R.** period 7s fl. 2s, ec. 5s	79 **24**	**15**	Red metal framework tower, white bands.		
	-RACON		**B(– • • •)**					
	*		*	*	*	*		33/13

CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2012 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
13812 *F 4625.2*	-S. breakwater, head.	22° 41.8′ N 120° 15.1′ E	**Fl.R.** period 4s	59 **18**	6			
		*	*	*	*			33/13
32302 *D 6154*	-Range, front.	34° 11.5′ S 18° 25.6′ E	**Iso.Or.** period 2s		3	On corner of white building.		
			*					33/13
32310 *D 6147*	-Range, front.	34° 11.5′ S 18° 26.5′ E	**Iso.Or.** period 2s			Orange triangle topmark on red pole on top of building; 10.		
			*			*		33/13

CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2012 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
3408 *D 2127*	**-Barra do Sul Range,** front.	38° 41.9′ N 9° 16.0′ W	**Oc.R.** period 6s lt. 4s, ec. 2s	102 **31**	**21**	White tower, red bands with cupola; 69.	Visible 039° 30′ -054° 30′ . By day 4M.	
			*			*	*	33/13
*3409 *D 2127.1*	- -**Esteriro,** middle, 762 meters from front.	38° 42.2′ N 9° 15.6′ W	**Oc.R.** period 6s lt. 4s, ec. 2s	266 **81**	**21**	White tower, red bands with red cupola; 49.	Visible 039° 30′ -054° 30′ . By day 4M.	
	- -RACON							33/13

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CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2012 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*3410 *D 2127.15*	- -**Mama,** rear, 2.5 miles 047° 06′ from front.	38° 43.6′ N 9° 13.6′ W	**Iso.W.** period 6s	502 **153**	**21**	White tower, red bands with red cupola on white building.	Visible 045° 30′ -048° 30′ .
							33/13

CORRECTIONS TO PUB 115, LIST OF LIGHTS, 2012 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
3386	*East Frigg Oilfield UMC Buoy.*						*Remove from list.*
							* 33/13
3452 *B 3762*	-Bridge pier.	60° 00.9′ N 5° 12.1′ E	**Oc.W.R.G.** period 6s	39 **12**	W. 4 R. 3 G. 3	Column; 39.	G.284° 06′ -319° 18′ ,W.-328° 24′ , R.-133° 30′ , W.-146° 18′ , G.-153° 48′ .
	*	*		*	*	*	* 33/13
3488 *B 3764*	Pirholmen, W. side of islet.	60° 05.5′ N 5° 10.9′ E	**Iso.W.R.G.** period 2s	20 **6**	W. 5 R. 4 G. 3	White lantern; 10.	G.007° 54′ -009° 30′ ,W.-011° 18′ , R.-043° , W.-048° 30′ , G.-179° 30′ , W.-184° 18′ , R.-186° 36′ .
	*	*			*	*	* 33/13
3492 *B 3764.8*	Vagskjaerflu.	60° 07.0′ N 5° 10.3′ E	**Q.R.**	13 **4**		Post.	
	*						33/13
3496 *B 3766*	Staloy.	60° 08.8′ N 5° 11.4′ E	**Iso.W.R.G.** period 2s	30 **9**	W. 5 R. 3 G. 3	White lantern.	G. 357° 42′ -359° , W.-005° 18′ , R.-013° 24′ , G.-174° 36′ , W.-177° 48′ , R.-187° 06′ , W.-194° 06′ , G.-196° 30′ .
	*						33/13
3814 *B 4050.5*	-Steinen.						*Remove from list.*
							* 33/13
*3914 *B 4050.5*	-Steinen.	60° 39.2′ N 4° 57.3′ E	**Fl.G.** period 3s	16 **5**	3	Iron perch.	
							33/13
17930	-Flesjarnar.						*Remove from list.*
							* 33/13
*17943 *L 4405*	-Flesjarnar.	62° 04.0′ N 6° 45.5′ W	**Fl.(2)W.** period 5s fl. 0.8s, ec. 2.7s fl. 0.8s, ec. 0.7s	33 **10**	5	Gray steel mast; 33.	**Radar reflector.**
							33/13

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PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 33/13

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

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

PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 33/13

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

Publication	Ed.	Notice to Mariners No.
Miscellaneous Charts and Publications	2005	11*,12,13,14,15,16, 18,19,20,21,22,24, 25,27,28,29,31,32, 33,35,36,37,38,39, 41,42,43,44,46,47, 48,50,52,53/05;1,3, 4,5,6,7,9,10,11,13, 14,15,16,17,18,19, 20,22,23,24,25,26, 27,28,29,30,31,32, 35,36,39,40,41,42, 44,45,46,49,50,51, 52/06;1,3,4,6,7,10, 13,17,18,19,21,22, 24,26,27,29,30,31, 32,33,34,35,36,37, 38,39,40,43,44,45, 46,47,48,49,50,51, 52/07;1,2,3,4,6,7,8, 9,10,11,12,13,14,16, 17,18,19,21,22,23, 24,25,26,27,28,29, 30,31,32,33,34,35, 36,37,38,39,40,41, 44,45,46,47,48, 52/08;1,2,3,4,6,7,8, 9,10,11,12,13,17,18, 19,20,22,24,25,26, 27,28,29,30,31,32, 34,35,36,37,38,39, 40,41,42,43,45,46, 47,48,49,50,51, 52/09;2,3,4,5,6,7,8, 9,10,11,12,13,14,15, 17,18,19,20,21,22, 23,24,25,26,27,28, 29,30,31,32,33,35, 36,37,38,39,40,41, 42,43,44,45,46,47, 48,50/10;3,4,5,6,7,8, 9,10,11,12,13,14,15, 16,17,18,19,20,21, 22,23,24,25,26,27, 29,30,31,32,33,34, 35,36,38,39,40,41, 42,43,44,45,46,47, 48,50,51,52,53/11;2, 3,4,5,6,7,10,12,13, 14,16,17,18,19,20, 21,22,23,24,25,26, 27,29,30,31,32,33, 34,35,36,37,38,39, 40,41,43,45,46,47, 48,49,52/12;1,2,4,5, 6,7,8,10,11,12,13, 15,16,17,18,19,20, 21,22,23,24,25,26, 27,28,29,31,32/13
NGA LIST OF LIGHTS		
PUB 110	2013	18*,21,22,23,24,25, 27,30,31,32,33/13
PUB 111	2013	32/13*
PUB 112	2012	49*,51,52/12;2,4,6, 7,8,9,10,11,12,13, 14,15,16,17,18,19, 20,21,22,23,25,26, 27,28,29,30,32, 33/13
PUB 113	2012	43*,47,50,51,52/12; 1,2,4,5,6,7,8,19,21, 25,27,30,33/13
PUB 114	2013	21*,32/13
PUB 115	2012	37*,40,42,43,44,45, 47,48,51,52/12;1,4, 9,13,23,31,32,33/13
PUB 116	2013	26/13*
SAILING DIRECTIONS		
PUB 120	2013	15/13*
PUB 123	2012	36/12*
PUB 124	2013	22/13*
PUB 125	2013	31/13*
PUB 126	2013	4/13*
PUB 127	2010	46/10*
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	2012	49/12*
PUB 147	2013	20/13*
PUB 148	2012	43/12*
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PUB 182	2012	52/12*
PUB 183	2013	13/13*
PUB 191	2010	43/10*
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PUB 193	2010	37/10*
PUB 194	2013	26/13*
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USCG LIGHT LIST VOLUMES I - VII		
VOLUME I	2013	21*,22,23,24,25,26, 27,28,29,30,31,32, 33/13
VOLUME II	2013	20*,21,22,23,24,25, 26,27,28,29,30,31, 32,33/13
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VOLUME IV	2013	22*,23,24,25,26,27, 28,29,30,31,32, 33/13
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VOLUME VII	2013	20*,21,22,23,26,27, 28,29,30,31,32, 33/13
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DIGITAL PUBS - QUARTERLY	2013	31/13*
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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*
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COAST PILOT 1	43	12*,27,28,31/13
COAST PILOT 2	42	41*,46,50,51/12;7,8, 11,16,20,21,22,23, 27,28,31,33/13
COAST PILOT 3	46	1*,7,12,14,16,22,27, 31/13
COAST PILOT 4	44	41*,50/12;3,7,8,9, 11,12,13,14,16,17, 18,19,20,21,27,31, 32,33/13
COAST PILOT 5	41	18*,21,23,27,29,31, 32,33/13
COAST PILOT 6	43	7*,11,12,13,14,16, 19,20,27,31,32, 33/13
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RADIO NAVIGATIONAL AIDS		
PUB 117	2005	4/05*;9,25/12
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PUB 9	2002	36/02*;14,38/03; 40/05
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PUB 102	2003	20/03*
WORLD PORT INDEX		
PUB 150	2012	47/12*
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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		
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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 081430Z August 2013:

2011 series	460(24,25)	188(11)	298(28)	364(GEN)	450(26)
385(28)	610(GEN)	208(GEN)	350(11)	371(28)	460(GEN)
2012 series	707(27,28)	255(28)	359(28)	437(26,28)	462(14)
40(28)	2013 series	286(24)	361(28)	443(14)	470(24)
286(GEN)	183(11)	293(11)	362(28)	446(24,25)	471(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 and 26/13.

NAVAREA IV WARNINGS issued from 011300Z to 081430Z August 2013.

457/13 thru 459/13. CANCELED.

460/13(GEN).
1. NAVAREA IV WARNINGS IN FORCE AS OF 031000Z AUG 13.
   2011 SERIES: 385(28).
   2012 SERIES: 40(28), 286(GEN), 460(24,25),
   610(GEN), 707(27,28).
   2013 SERIES: 183(11), 188(11), 208(GEN), 255(28),
   286(24), 293(11), 298(28), 314(24), 350(11),
   359(28), 361(28), 362(28), 364(GEN), 371(28),
   424(11), 437(26,28), 443(14), 446(24,25), 450(26),
   453(11), 458(25), 459(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 AND 26/13.
3. CANCEL NAVAREA IV 430/13, 448/13.

(031003Z AUG 2013)

461/13. CANCELED.

462/13(14).
WESTERN NORTH ATLANTIC.
GRAND BANKS.
CHART 14018
SCIENTIFIC MOORING, TOP FLOAT 335 METERS BELOW SURFACE,
ESTABLISHED IN 48-57.41N 047-35.83W.

(032118Z AUG 2013)

463/13 thru 469/13. CANCELED.

470/13(24).
WESTERN NORTH ATLANTIC.
FRENCH GUIANA.
CHART 24350
1. NAVIGATION PROHIBITED UNTIL FURTHER NOTICE
   WITHIN 500 METERS OF M/V STENA ICE MAX
   IN 05-53.05N 051-04.12W.
   TWO MILE BERTH REQUESTED.
2. CANCEL NAVAREA IV 314/13.

(071535Z AUG 2013)

471/13(GEN).
NORTH AMERICAN ICE SERVICE (NAIS) ICEBERG BULLETIN.
1. 080001Z AUG ICEBERG LIMIT ALONG TRACKLINE JOINING
   47-50N 052-50W, 47-45N 052-00W, 50-45N 047-00W,
   51-45N 047-00W, 55-30N 052-00W, 60-00N 059-45W.
2. WESTERN ICEBERG LIMIT ALONG TRACKLINE BETWEEN
   51-25N 057-45W AND 50-50N 057-05W.
3. REPORT POSITION AND TIME OF ANY ICEBERGS OR
   STATIONARY RADAR TARGETS THAT MAY LIKELY BE
   ICEBERGS TO THE NEAREST CANADIAN COAST GUARD
   MARINE COMMUNICATIONS AND TRAFFIC SERVICE STATION
   OR USING INMARSAT CODE 42.
4. CANCEL THIS MSG 090001Z AUG 13.

(072200Z AUG 2013)

472/13. CANCELED.

HYDROLANTS

Messages in force 081430Z August 2013:

2008 series	2839(37)	1277(55)	1670(43)	1857(35,38)	1907(29,57)
1354(24)	2842(24)	1306(44)	1680(44)	1859(35,43)	1908(24)
1463(24)	2908(37)	1390(55)	1687(24)	1867(37)	1909(24)
2010 series	2977(24)	1402(57)	1696(37)	1868(37)	1910(24)
845(24)	2994(24)	1406(36)	1698(55)	1870(24)	1911(35)
2011 series	2013 series	1426(24)	1714(37,43)	1873(52,53)	1912(51)
483(24)	7(54)	1428(57)	1723(54)	1874(51)	1913(11,26)
881(56)	9(54)	1440(36)	1727(43)	1876(24)	1914(35)
1291(37)	10(54)	1541(37)	1728(25)	1879(24)	1915(55)
1331(37,43)	11(54)	1555(24)	1735(57)	1880(24)	1916(51)
1401(24)	202(24)	1565(55)	1744(55)	1882(57)	1917(44)
1652(35)	277(24)	1566(55)	1753(24)	1883(37)	1920(53)
1681(24)	281(24)	1580(57)	1767(43)	1884(37)	1921(53)
1879(24)	345(24)	1583(37)	1773(56)	1885(GEN)	1922(36)
1966(37)	525(24)	1592(57)	1776(37)	1886(37,43)	1926(26,28)
2012 series	565(35,37)	1602(35)	1779(24,25)	1887(14,25)	1928(38)
117(53)	566(51,57)	1605(57)	1780(24)	1888(53,56)	1929(25)
441(24)	572(37)	1608(37)	1795(35,36)	1889(53,56)	1930(56)
641(35,43)	618(37)	1613(36)	1796(57)	1890(25)	1931(53)
751(37)	620(GEN)	1614(57)	1806(57)	1891(24)	1932(24)
1491(35)	846(51)	1617(35)	1818(55)	1893(GEN)	1933(24)
1956(24)	856(35)	1626(51)	1827(36)	1894(11)	1934(56)
2057(24)	857(35)	1628(37)	1829(43)	1896(37)	1935(25)
2118(35)	906(43)	1636(37)	1836(35,36)	1897(51)	1936(57)
2275(24)	946(24)	1637(37)	1843(44)	1898(53,56)	
2305(24)	1018(57)	1649(57)	1844(11)	1899(57)	
2501(37)	1151(37)	1656(GEN)	1848(52)	1903(53,56)	
2565(24)	1230(37)	1668(55)	1852(37)	1906(44)	

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 and 26/13.

HYDROLANT WARNINGS issued from 011300Z to 081430Z August 2013.

1865/13 and 1866/13. CANCELED.

1867/13(37).
ENGLAND-SOUTHEAST COAST.
CHART 37140
SUNK INNER LIGHTFLOAT RELOCATED TO 51-51.17N 001-34.40E.

(011855Z AUG 2013)

1868/13(37).
ENGLAND-SOUTHEAST COAST.
CHART 37140
FOG SIGNAL AT SUNK INNER LIGHTFLOAT 51-51.17N 001-34.40E UNRELIABLE.

(011909Z AUG 2013)

1869/13. CANCELED.

1870/13(24).
BRAZIL-NORTH COAST.
ROCKETS.
1. HAZARDOUS OPERATIONS 051400Z TO 092030Z AUG
IN AREA BOUND BY
02-18.90S 044-22.12W, 02-06.00S 044-23.27W,
02-06.00S 044-12.60W, 02-16.58S 044-12.30W.
2. CANCEL THIS MSG 092130Z AUG 13.

(012203Z AUG 2013)

1871/13 and 1872/13. CANCELED.

1873/13(52,53).
EASTERN MEDITERRANEAN SEA.
VESSEL, 90 PERSONS ON BOARD, IN NEED OF ASSISTANCE
VICINITY 35-00N 012-00E. 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, 39 065 908 4793,
E-MAIL: ITMRCC@MIT.GOV.IT.

(021605Z AUG 2013)

1874/13(51).
NORTH ATLANTIC.
AZORES.
1. UNDERWATER OPERATIONS 03 THRU 21 AUG BY M/V POURQUOI PAS
WITH SUBMERSIBLE ALONG TRACKLINE JOINING
37-51N 031-31W, 37-17N 032-16W,
36-13N 033-54W. WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 22 AUG 13.

(021832Z AUG 2013)

1875/13. CANCELED.

1876/13(24)
BRAZIL-SOUTH COAST.
1. SEISMIC SURVEY 030300Z TO 100259Z AUG
BY M/V WESTERN NEPTUNE TOWING 12
10000 METER 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 100359Z AUG 13.

(030052Z AUG 2013)

1877/13 and 1878/13. CANCELED.

1879/13(24).
BRAZIL-SOUTHEAST COAST.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 081100Z TO 081500Z AUG
IN AREA BETWEEN
23-45S 24-00S AND 041-24W 041-08W.
2. CANCEL THIS MSG 081600Z AUG 13.

(030113Z AUG 2013)

1880/13(24).
BRAZIL-SOUTHEAST COAST.
CHART 24160
1. ODAS BUOY, YELLOW, FL(5) Y 10 SEC,
ESTABLISHED IN 22-59.62S 042-11.65W.
2. CANCEL HYDROLANT 1730/13.
3. CANCEL THIS MSG 130359Z JUL 15.

(030129Z AUG 2013)

1881/13. CANCELED.

1882/13(57).
GULF OF GUINEA.
1. SEISMIC SURVEY IN PROGRESS UNTIL 15 OCT
BY M/V BGP PROSPECTOR TOWING 12
FOUR MILE LONG CABLES IN AREA BETWEEN
03-00N 02-30N AND 008-30E 008-45E.
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 16 OCT 13.

(030622Z AUG 2013)

1883/13(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-HD 53-29.8N 002-19.4E.
2. PLATFORM 49/17-GD 53-26.8N 002-15.3E UNLIT.
3. CANCEL HYDROLANT 1585/13.

(030645Z AUG 2013)

1884/13(37).
NORTH SEA.
SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE BY
M/V HARRIER EXPLORER TOWING 4.6 MILE LONG CABLE
IN AREA BOUND BY
55-40.5N 000-10.3E, 54-36.2N 000-08.6E,
54-37.8N 002-11.0E, 55-42.2N 002-09.7E.
WIDE BERTH REQUESTED.

(030725Z AUG 2013)

1885/13(GEN).
1. HYDROLANT WARNINGS IN FORCE 031000Z AUG 13. ONLY THOSE WARNINGS ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2013 SERIES: 1541(37), 1555(24), 1565(55), 1566(55), 1580(57), 1583(37), 1592(57), 1602(35), 1605(57), 1608(37), 1613(36), 1614(57), 1617(35), 1626(51), 1628(37), 1636(37), 1637(37), 1649(57), 1656(GEN), 1668(55), 1670(43), 1680(44), 1687(24), 1696(37), 1698(55), 1714(37,43), 1723(54), 1727(43), 1728(25), 1735(57), 1744(55), 1747(57), 1753(24), 1767(43), 1773(56), 1776(37), 1779(24,25), 1780(24), 1788(GEN), 1795(35,36), 1796(57), 1806(57), 1818(55), 1827(36), 1829(43), 1836(35,36), 1843(44), 1844(11), 1848(52), 1852(37), 1856(24), 1857(35,38), 1859(35,43), 1861(54,56), 1862(43), 1863(24), 1867(37), 1868(37), 1869(51), 1870(24), 1872(24), 1873(52,53), 1874(51), 1876(24), 1877(24), 1878(24), 1879(24), 1880(24), 1881(24), 1882(57), 1883(37), 1884(37).
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 AND 26/13.
3. CANCEL HYDROLANT 2788/12, 1620/13, 1797/13, 1799/13, 1801/13, 1802/13, 1820/13, 1822/13, 1825/13, 1832/13, 1837/13, 1846/13, 1847/13, 1853/13, 1875/13.

(031005Z AUG 2013)

1886/13(37,43).
NORTH SEA.
SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE BY M/V ATLANTIC EXPLORER TOWING SIX 6500 METER LONG CABLES IN AREA BOUND BY
56-22N 004-16E, 56-39N 004-15E,
57-01N 005-40E, 56-46N 005-39E.
WIDE BERTH REQUESTED.

(031255Z AUG 2013)

1887/13(14,25).
WESTERN NORTH ATLANTIC.
DISTRESS SIGNAL RECEIVED ON 406 MHZ FROM 49 FOOT M/V PRETTY WOMAN I, WHITE HULL, IN 35-42.7N 060-27.8W AT 031410Z AUG. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO RCC NORFOLK, INMARSAT-C: 430370670,
PHONE: 757 398 6231, FAX: 757 398 6392,
E-MAIL: D05-SMB-D5CC@USCG.MIL.

(031547Z AUG 2013)

1888/13(53,56).
EASTERN MEDITERRANEAN SEA.
VESSEL, 90 PERSONS ON BOARD, REQUESTING ASSISTANCE IN 33-56N 013-45E. 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: 39 06 592 2737, 39 065 908 4793,
E-MAIL: ITMRCC@MIT.GOV.IT.

(031812Z AUG 2013)

1889/13(53,56).
EASTERN MEDITERRANEAN SEA.
VESSEL, 45 PERSONS ON BOARD, REQUESTING ASSISTANCE IN 34-12N 013-02E. 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: 39 06 592 2737, 39 065 908 4793,
E-MAIL: ITMRCC@MIT.GOV.IT.

(031820Z AUG 2013)

1890/13(25).
EASTERN CARIBBEAN SEA.
S/V YLANG YLANG TAKING ON WATER AND ADRIFT IN 16-05.53N 062-29.14W AT 032130Z AUG.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO U.S. COAST GUARD SAN JUAN, PHONE: 787 289 2041, OR MRCC FORT DE FRANCE, PHONE: 115 965 9670 9292.

(032233Z AUG 2013)

1891/13(24).
BRAZIL-NORTH COAST.
S/V VINICIUS DISABLED AND ADRIFT VICINITY 02-07.65S 040-37.28W

AT 021400Z AUG. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO ANY COASTAL RADIO STATION.

(032334Z AUG 2013)

1892/13. CANCELED.

1893/13(GEN).
EUROPE-NORTHWEST COAST.
1. LORAN-C STATION SYLT, RATES 7499-MASTER
AND 6731-Z, OFF AIR 0500Z TO 1000Z
DAILY 05 THRU 23 AUG.
2. CANCEL THIS MSG 231100Z AUG 13.

(040606Z AUG 2013)

1894/13(11).
GULF OF MEXICO.
DISTRESS SIGNAL RECEIVED FROM M/V MAINPORT OAK
IN 27-17N 091-46W. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO RCC NEW ORLEANS, TELEX: 230701801,
PHONE: 504 589 6225, FAX: 504 589 2148,
E-MAIL: D8COMMANDCENTER@USCG.MIL.

(040910Z AUG 2013)

1895/13. CANCELED.

1896/13(37).
BAY OF BISCAY.
FRANCE TO SPAIN.
9.6 METER S/V LOARGANN, WHITE HULL, OVERDUE
PIRIAC SUR MER (47-22.9N 002-32.7W) TO
LA CORUNA (43-22.2N 008-23.7W). VESSELS IN
VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO MRCC ETEL,
TELEX: 42950519, PHONE: 332 9755 3535,
FAX: 332 9755 4934, E-MAIL: ETEL@MRCCFR.EU.

(041946Z AUG 2013)

1897/13(51).
EASTERN NORTH ATLANTIC.
PORTUGAL.
1. SEISMIC SURVEY 07 THRU 17 AUG BY M/V JAMES COOK
TOWING 3000 METER LONG CABLE IN AREA BETWEEN
37-20N 38-00N AND 011-20W 009-40W.
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 18 AUG 13.

(042152Z AUG 2013)

1898/13(53,56).
EASTERN MEDITERRANEAN SEA.
VESSEL, NUMEROUS PERSONS ON BOARD, IN NEED OF ASSISTANCE
IN 33-47-34N 013-05-38E AT 041755Z AUG. VESSELS
IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO
MRCC ROME, INMARSAT-C: 424744220,
PHONE: 3906 5908 4527, 3906 5908 4409,
FAX: 390 6592 2737, 3906 5908 4793,
E-MAIL: ITMRCC@MIT.GOV.IT.

(050527Z AUG 2013)

1899/13(57).
EASTERN SOUTH ATLANTIC.
NAMIBIA.
1. UNDERWATER OPERATIONS IN PROGRESS UNTIL FURTHER
NOTICE BY M/V CORAL SEA IN 28-39.0S 015-55.4E.
TWO MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 1747/13.

(050915Z AUG 2013)

1900/13 thru 1902/13. CANCELED.

1903/13(53,56).
EASTERN MEDITERRANEAN SEA.
TWO VESSELS IN NEED OF ASSISTANCE IN:
A. 33-57-00N 013-20-23E.
B. 33-30-36N 013-13-48E.
VESSELS IN VICINITY REQUESTED TO KEEP A
SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS

TO MRCC ROME, INMARSAT-C: 424744220,
PHONE: 3906 5908 4527, 3906 5908 4409,
FAX: 390 6592 2737, 3906 5908 4793,
E-MAIL: ITMRCC@MIT.GOV.IT.

(051303Z AUG 2013)

1904/13 and 1905/13. CANCELED.

1906/13(44).
EASTERN BALTIC SEA.
LITHUANIA.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 070700Z TO 071400Z,
081900Z TO 082300Z AND 090600Z TO 091500Z AUG
IN AREA BOUND BY
55-37N 020-46E, 55-34N 021-00E,
55-25N 021-00E, 55-22N 020-46E,
55-25N 020-42E, 55-34N 020-42E.
2. CANCEL THIS MSG 091600Z AUG 13.

(052351Z AUG 2013)

1907/13(29,57).
SOUTH ATLANTIC.
ICE.
1. ICEBERGS REPORTED:
A. B15B, 56-06S 013-43W.
B. A62A, 54-38S 030-49W.
C. A62, 54-24S 031-21W.
2. CANCEL THIS MSG 082355Z AUG 13.

(052354Z AUG 2013)

1908/13(24).
BRAZIL-SOUTHEAST COAST.
1. SEISMIC SURVEY IN PROGRESS UNTIL 100259Z AUG
BY M/V SANCO STAR IN AREA BOUND BY
23-04.87S 041-05.02W, 23-08.65S 041-02.75W,
23-07.85S 041-01.20W, 23-04.08S 041-03.48W.
SEVEN MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 1877/13.
3. CANCEL THIS MSG 100359Z AUG 13.

(060032Z AUG 2013)

1909/13(24).
BRAZIL-SOUTHEAST COAST.
1. SEISMIC SURVEY IN PROGRESS UNTIL 100259Z AUG
BY M/V OCEAN EUROPE TOWING THREE 200 METER
LONG CABLES IN AREA BOUND BY
23-04.87S 041-05.02W, 23-08.65S 041-02.75W,
23-07.85S 041-01.20W, 23-04.08S 041-03.48W.
SEVEN MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 1878/13.
3. CANCEL THIS MSG 100359Z AUG 13.

(060042Z AUG 2013)

1910/13(24).
BRAZIL-SOUTHEAST COAST.
CHART 24170
1. EIGHT UNLIT ORANGE BUOYS, TEMPORARILY ESTABLISHED
UNTIL 29 OCT IN 22-05.66S 039-54.63W AND 22-08.17S 040-08.13W.
1500 METER BERTH REQUESTED.
2. CANCEL THIS MSG 30 OCT 13.

(060054Z AUG 2013)

1911/13(35).
NORTH SEA.
SCOTLAND-EAST COAST.
GEOPHYSICAL SURVEY IN PROGRESS UNTIL FURTHER NOTICE
BY M/V FRANKLIN IN AREA BOUND BY
57-30.9N 001-47.3W, 57-32.1N 001-43.7W,
57-32.1N 001-42.3W, 57-29.6N 001-23.9W,
57-29.2N 001-24.0W, 57-29.4N 001-45.0W,
57-30.6N 001-46.5W.
ONE HALF MILE BERTH REQUESTED.

(060109Z AUG 2013)

1912/13(51).
EASTERN NORTH ATLANTIC.
MAURITANIA.
F/V GALERNA REPORTS TWO CREWMEN REQUIRING MEDICAL
ASSISTANCE IN 16-37N 017-34W. VESSELS IN VICINITY ABLE
TO PROVIDE MEDICAL ASSISTANCE REQUESTED TO ASSIST

IF POSSIBLE. REPORTS TO MRCC DAKAR,
PHONE: 22 133 826 5001, FAX: 22 133 825 6000.

(060921Z AUG 2013)

1913/13(11,26).
STRAITS OF FLORIDA.
BAHAMAS TO FLORIDA.
27 FOOT VESSEL CALISTO, WHITE HULL, ONE PERSON ON
BOARD, UNREPORTED CAT KEY (25-44N 079-15W) TO
MIAMI (25-47N 080-13W). 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.

(060940Z AUG 2013)

1914/13(35).
EASTERN NORTH ATLANTIC.
SHETLAND ISLANDS.
SEISMIC SURVEY IN PROGRESS UNTIL FURTHER
NOTICE BY M/V RAMFORM CHALLENGER TOWING 12
6000 METER LONG CABLES IN AREA BOUND BY
61-19.95N 003-32.20W, 61-01.50N 002-56.58W,
61-27.65N 001-57.57W, 61-45.92N 002-32.87W.
WIDE BERTH REQUESTED.

(061041Z AUG 2013)

1915/13(55).
SEA OF AZOV.
1. UNDERWATER OPERATIONS IN PROGRESS UNTIL 20 AUG
BY M/V AQUAMARINE I IN AREA BOUND BY
45-37.0N 036-43.9E, 46-12.7N 037-22.4E,
45-17.7N 037-36.9E.
2. CANCEL THIS MSG 21 AUG 13.

(061259Z AUG 2013)

1916/13(51).
EASTERN NORTH ATLANTIC.
1. DERELICT S/V SERENA, WHITE HULL WITH BLUE STRIPE,
ADRIFT IN 31-02.8N 018-24.5W AT 041915Z AUG.
2. CANCEL THIS MSG 091425Z AUG 13.

(061421Z AUG 2013)

1917/13(44).
EASTERN BALTIC SEA.
LITHUANIA.
1. SURVEY OPERATIONS 0800Z TO 1900Z DAILY
UNTIL 13 AUG IN AREA BETWEEN
56-00N 55-20N AND 021-07E 020-00E.
2. CANCEL THIS MSG 132000Z AUG 13.

(070054Z AUG 2013)

1918/13 and 1919/13. CANCELED.

1920/13(53).
EASTERN MEDITERRANEAN SEA.
VESSEL, NUMEROUS PERSONS ON BOARD, IN NEED OF ASSISTANCE
IN 34-23-33N 013-45-09E. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS
TO MRCC ROME, INMARSAT-C: 424744220,
PHONE: 3906 5908 4527, 3906 5908 4409,
FAX: 390 6592 2737, 3906 5908 4793,
E-MAIL: ITMRCC@MIT.GOV.IT.

(070407Z AUG 2013)

1921/13(53).
EASTERN MEDITERRANEAN SEA.
VESSEL, NUMEROUS PERSONS ON BOARD, IN NEED OF ASSISTANCE
VICINITY 35-00N 013-00E. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS
TO MRCC ROME, INMARSAT-C: 424744220,
PHONE: 3906 5908 4527, 3906 5908 4409,
FAX: 390 6592 2737, 3906 5908 4793,
E-MAIL: ITMRCC@MIT.GOV.IT.

(070411Z AUG 2013)

1922/13(36).
IRELAND-NORTHEAST COAST.
CHART 36011
BRIGGS BUOY 54-41.2N 005-35.7W UNLIT.

(070521Z AUG 2013)

1923/13 thru 1925/13. CANCELED.

1926/13(26,28).
WESTERN CARIBBEAN SEA.
HONDURAS TO COLOMBIA.
S/V NORANGO, THREE PERSONS ON BOARD, OVERDUE
GUANAJA (16-28.0N 085-53.0W) TO
PROVIDENCIA (13-20.6N 081-22.3W).
VESSELS IN VICINITY REQUESTED TO KEEP
A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO MRCC GRIS NEZ.

(071154Z AUG 2013)

1927/13. CANCELED.

1928/13(38).
NORTH ATLANTIC.
DENMARK STRAIT.
ICE.
1. NUMEROUS ICEBERGS IN AREA BETWEEN
66-10N 68-11N AND 023-20W 029-22W.
2. CANCEL THIS MSG 14 AUG 13.

(071703Z AUG 2013)

1929/13(25).
WESTERN NORTH ATLANTIC.
DISTRESS SIGNAL RECEIVED FROM 30 FOOT M/V JUST JODI,
BLUE HULL, IN 28-25.5N 069-20.8W. VESSELS IN VICINITY
REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO U.S. COAST GUARD SAN JUAN PUERTO RICO,
PHONE: 787 289 2041.

(071958Z AUG 2013)

1930/13(56).
EASTERN MEDITERRANEAN SEA.
LIBYA.
VESSEL REQUESTING ASSISTANCE IN 33-31.08N 013-39.36E.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO MRCC ROME,
INMARSAT-C: 424744220, PHONE: 3906 5908 4527,
3906 5908 4409, FAX: 390 6592 2737, 3906 5908 4793,
E-MAIL: ITMRCC@MIT.GOV.IT.

(072130Z AUG 2013)

1931/13(53).
EASTERN MEDITERRANEAN SEA.
1. DERELICT 22 METER F/V ADRIFT IN 34-14.30N 013-38.36E.
REPORTS TO MRCC ROME, INMARSAT-C: 424744220,
PHONE: 3906 5908 4527, 3906 5908 4409,
FAX: 390 6592 2737, 3906 5908 4793,
E-MAIL: ITMRCC@MIT.GOV.IT, UFFICIO3.REPARTO3@MIT.GOV.IT,
CGCP3REP4@MIT.GOV.IT.
2. CANCEL THIS MSG 102210Z AUG 13.

(072210Z AUG 2013)

1932/13(24).
WESTERN SOUTH ATLANTIC.
URUGUAY.
1. SEISMIC SURVEY IN PROGRESS UNTIL 08 AUG
BY M/V RAMFORM VANGUARD TOWING 12 7000 METER
LONG CABLES IN AREA BOUND BY
34-58S 053-10W, 34-18S 052-30W,
35-21S 050-54W, 36-00S 051-33W.
NINE MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 1923/13.
3. CANCEL THIS MSG 09 AUG 13.

(072342Z AUG 2013)

1933/13(24).
BRAZIL-SOUTH COAST.
CHART 24120
MORRO DE IMBITUBA LIGHT 28-14.0S 048-38.7W UNLIT.

(080023Z AUG 2013)

1934/13(56).
EASTERN MEDITERRANEAN SEA.
LIBYA.
VESSEL REQUESTING ASSISTANCE IN 33-36.50N 012-25.51E.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO MRCC ROME,
INMARSAT-C: 424744220, PHONE: 3906 5908 4527,

3906 5908 4409, FAX: 390 6592 2737, 3906 5908 4793,
E-MAIL: ITMRCC@MIT.GOV.IT.

(080030Z AUG 2013)

1935/13(25).
PUERTO RICO-SOUTH COAST.
DISTRESS SIGNAL RECEIVED VICINITY 17-29.702N 065-55.192W.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO U.S. COAST GUARD SECTOR SAN JUAN,
PHONE: 787 289 2041, E-MAIL: SSJCC@USCG.MIL.

(080444Z AUG 2013)

1936/13(57).
EASTERN SOUTH ATLANTIC.
1. FISHING GEAR WITH FLOATS ADRIFT IN 13-08.5S 002-37.0W.
2. CANCEL HYDROLANT 1924/13.
3. CANCEL THIS MSG 110927Z AUG 13.

(080927Z AUG 2013)

NAVAREA XII

Messages in force 081430Z August 2013:

2012 series	2013 series	153(21)	187(18)	193(GEN)
110(97)	95(GEN)	154(GEN)	188(16,17)	
334(21)	119(21)	181(21)	189(18)	

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 and 26/13.

NAVAREA XII WARNINGS issued from 011300Z to 081430Z August 2013.

190/13 thru 192/13. CANCELED.

193/13(GEN).
1. NAVAREA XII WARNINGS IN FORCE AS OF 031000Z AUG 13.
   2012 SERIES: 110(97), 334(21).
   2013 SERIES: 95(GEN), 119(21), 153(21), 154(GEN),
   181(21), 187(18), 188(16,17), 189(18), 190(17).
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 AND 26/13.
3. CANCEL NAVAREA XII 186/13, 192/13.

(031009Z AUG 2013)

HYDROPACS

Messages in force 081430Z August 2013:

2011 series	2013 series	1837(93)	2219(96)	2294(63)	2346(74,75)
1561(56)	18(63)	1872(76)	2222(63)	2298(GEN)	2351(83)
1701(63)	97(63)	1885(93)	2225(97)	2300(97)	2352(62)
2286(71)	797(63)	1983(73,74)	2226(94)	2301(74)	2354(96)
2812(71)	822(74)	2019(62)	2227(94)	2306(93)	2355(63)
2877(96)	899(75)	2045(93)	2228(94)	2315(82)	2356(95)
3539(95)	995(93)	2053(91,93,94)	2229(71)	2321(81)	2357(95)
3552(96)	1076(63)	2069(93)	2232(71)	2322(61)	2358(95)
2012 series	1178(63)	2076(GEN)	2234(63)	2323(93)	2360(73)
408(94)	1211(22)	2086(GEN)	2235(63)	2324(71)	2361(76)
1079(97)	1247(93)	2092(74)	2247(63)	2326(91,94)	2366(83)
1222(97)	1314(93)	2105(83)	2249(71)	2328(83)	2368(93)
1377(94,95)	1356(74)	2107(62)	2255(63)	2330(21,22)	2370(18)
1555(96)	1394(62)	2108(62)	2262(81)	2333(83)	2371(18)
1734(GEN)	1456(61)	2124(71)	2267(95)	2334(71,93)	2373(61)
1824(76)	1537(73)	2141(82)	2268(95)	2338(63)	
1847(63)	1579(74)	2174(63)	2269(95)	2339(83)	
2533(62)	1620(96)	2180(96)	2278(61)	2340(18)	
2920(22)	1657(62)	2206(63)	2280(93)	2342(82)	
3511(62)	1791(74)	2214(63)	2281(62)	2343(18)	

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 and 26/13.

HYDROPAC WARNINGS issued from 011300Z to 081430Z August 2013.

2278/13(61).
NORTHERN MOZAMBIQUE CHANNEL.
1. 4.8 METER F/V ASBAAB II, WHITE HULL, TWO PERSONS ON BOARD, OVERDUE. LAST KNOWN POSITION 12-35S 045-07E AT 010400Z AUG. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO MRCC LA REUNION, INMARSAT-C: 422799193, TELEX: 916140F, PHONE: 26 226 243 4343, FAX: 26 226 271 1595, E-MAIL: REUNION@MRCCFR.EU.
2. CANCEL HYDROPAC 2270/13(71), PERSONS RESCUED.

(011319Z AUG 2013)

2279/13. CANCELED.

2280/13(93).
SOUTH CHINA SEA.
MAN OVERBOARD FROM F/V BD 30673 IN 08-10N 107-35E AT 010800Z AUG. 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.

(011355Z AUG 2013)

2281/13(62).
PERSIAN GULF.
U.A.E.
CHART 62498
DANGEROUS WRECK IN 25-24N 055-14E.

(011421Z AUG 2013)

2282/13 thru 2293/13. CANCELED.

2294/13(63).
SOUTHERN ARABIAN SEA.
F/V RASHMI, FIVE PERSONS ON BOARD, DISABLED AND ADRIFT IN 09-00N 069-00E AT 310500Z JUL. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO MRCC MUMBAI, INMARSAT-C: 441907210, PHONE: 91 22 2438 8065, FAX: 91 22 2431 6558, E-MAIL: ICGMRCC-MUMBAI@MTNL.NET.IN, INDSAR@VSNL.NET OR MRCC COLOMBO, PHONE: 941 1244 5368, E-MAIL: NHQSSOO@NAVY.LK, NHQDNO@NAVY.LK.

(022030Z AUG 2013)

2295/13 thru 2297/13. CANCELED.

2298/13(GEN).
1. HYDROPAC WARNINGS IN FORCE 031000Z AUG 13. ONLY THOSE WARNINGS ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2013 SERIES: 1837(93), 1872(76), 1885(93), 1963(74), 1983(73,74), 2019(62), 2045(93), 2053(91,93,94), 2069(93), 2076(GEN), 2086(GEN), 2092(74), 2105(83), 2107(62), 2108(62), 2124(71), 2141(82), 2174(63), 2180(96), 2202(95,96), 2206(63), 2212(71), 2213(71), 2214(63), 2219(96), 2222(63), 2225(97), 2226(94), 2227(94), 2228(94), 2229(71), 2232(71), 2234(63), 2235(63), 2240(22,83), 2247(63), 2249(71), 2255(63), 2257(81,97), 2262(81), 2265(63), 2267(95), 2268(95), 2269(95), 2274(22), 2275(22), 2277(63), 2278(61), 2280(93), 2281(62), 2287(63), 2289(71), 2290(95), 2292(63), 2294(63), 2295(71,93), 2296(81), 2297(71).
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 AND 26/13.
3. CANCEL HYDROPAC 320/13, 598/13, 2071/13, 2173/13, 2231/13, 2233/13, 2243/13, 2254/13, 2291/13.

(031015Z AUG 2013)

2299/13. CANCELED.

2300/13(97).
WESTERN NORTH PACIFIC.
JAPAN.
1. SEISMIC SURVEY 08 THRU 14 AUG BY M/V KAIREI TOWING 6000 METER LONG CABLE IN AREA BETWEEN 32-00N 40-10N AND 142-00E 148-30E.
2. CANCEL THIS MSG 15 AUG 13.

(031341Z AUG 2013)

2301/13(74).
EASTERN INDIAN OCEAN.
AUSTRALIA-NORTHWEST COAST.
SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE BY M/V GEO CASPIAN TOWING 12 FIVE MILE LONG CABLES IN AREA BETWEEN
12-38S 13-52S AND 121-02E 122-27E.
SIX MILE BERTH REQUESTED.

(032138Z AUG 2013)

2302/13 thru 2305/13. CANCELED.

2306/13(93).
SOUTH CHINA SEA.
1. F/V QNG 90153, 15 PERSONS ON BOARD, DISABLED AND ADRIFT IN 16-41N 112-06E AT 031700Z AUG. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO MRCC VIETNAM, PHONE: 844 3768 3050, FAX: 844 3768 3048, E-MAIL: VMRCC@FPT.VN.
2. CANCEL HYDROPAC 2303/13(81), 2299/13 REFERS.

(040050Z AUG 2013)

2307/13 thru 2314/13. CANCELED.

2315/13(82).
WESTERN SOUTH PACIFIC.
SOLOMON ISLANDS.
DISTRESS SIGNAL RECEIVED FROM VESSEL GAZELLE COAST IN 05-26S 159-40E AT 041914Z AUG. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO MRCC NOUMEA, INMARSAT-C: 582422799194, PHONE: 68 729 2332, 68 726 4772, FAX: 68 729 2303.

(042249Z AUG 2013)

2316/13 thru 2320/13. CANCELED.

2321/13(81).
WESTERN NORTH PACIFIC.
MARIANA ISLANDS.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 0130Z TO 0500Z DAILY 06 THRU 09 AUG WITHIN TEN MILES OF 16-01N 146-04E.
2. CANCEL THIS MSG 090600Z AUG 13.

(050546Z AUG 2013)

2322/13(61).
NORTHERN MOZAMBIQUE CHANNEL.
MAYOTTE.
MAN OVERBOARD VICINITY 12-36S 044-59E AT 042146Z AUG.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO MRCC LA REUNION,
INMARSAT-C: 422799193, TELEX: 916140F,
PHONE: 2622 6243 4343, FAX: 2622 6271 1595,
E-MAIL: REUNION@MRCCFR.EU.

(050713Z AUG 2013)

2323/13(93).
GULF OF THAILAND.
1. SEISMIC SURVEY 08 AUG UNTIL FURTHER NOTICE BY
M/V VOYAGER EXPLORER TOWING FOUR 3600 METER
LONG CABLES IN AREA BOUND BY
09-30.1N 101-08.1E, 09-22.7N 101-12.8E,
09-19.4N 101-12.8E, 09-19.4N 101-07.6E,
09-30.1N 101-00.8E.
2. CANCEL HYDROPAC 1643/13(71).

(050744Z AUG 2013)

2324/13(71).
SOUTH CHINA SEA.
SINGAPORE STRAIT.
DISTRESS SIGNAL RECEIVED ON 406 MHZ FROM M/V PALM CHEM
IN 01-17.5N 104-44.3E AT 050640Z AUG. VESSELS
IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO SINGAPORE PORT
OPERATIONS CONTROL CENTER, PHONE: 656 226 5539,
FAX: 656 227 9971, E-MAIL: POCC@MPA.GOV.SG.

(050906Z AUG 2013)

2325/13. CANCELED.

2326/13(91,94).
NORTHERN SOUTH CHINA SEA.
TAIWAN STRAIT.
1. SEISMIC SURVEY 10 AUG THRU 20 OCT BY
M/V DUKE TOWING 8000 METER LONG CABLE
IN AREA BOUND BY
21-41.5N 120-45.5E, 21-17.5N 120-45.2E,
21-05.1N 120-34.7E, 21-05.2N 119-54.4E,
21-13.7N 119-39.8E, 22-00.2N 119-39.7E,
22-31.2N 119-01.0E, 22-41.0N 119-26.9E.
2. CANCEL THIS MSG 21 OCT 13.

(051233Z AUG 2013)

2327/13. CANCELED.

2328/13(83).
EASTERN NORTH PACIFIC.
DISTRESS SIGNAL RECEIVED ON 406 MHZ IN
15-17.7N 127-50.9W. 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.

(052144Z AUG 2013)

2329/13. CANCELED.

2330/13(21,22).
EASTERN NORTH PACIFIC.
DISTRESS SIGNAL RECEIVED ON 406 MHZ IN 05-02.3N 097-10.2W.
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.

(060411Z AUG 2013)

2331/13 and 2332/13. CANCELED.

2333/13(83).
SOUTH PACIFIC.
1. F/V ZHONG YANG 26, 14 PERSONS ON BOARD,
CAPSIZED AND ADRIFT IN 27-06.48S 144-19.16W.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO MRCC PAPEETE,
INMARSAT-C: 582422799192, PHONE: 68 954 1616,

FAX: 68 942 3915, E-MAIL: MRCCPAPEETE@MAIL.PF.
2. CANCEL HYDROPAC 2329/13.

(060459Z AUG 2013)

2334/13(71,93).
SOUTH CHINA SEA.
MALAYSIA-SOUTHEAST COAST.
1. FOUR PERSONS RECOVERED ON 01 AUG FROM CAPSIZED VESSEL IN 01-41.00N 104-27.58E. 36 PERSONS REMAIN MISSING. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO SINGAPORE PORT OPERATIONS CONTROL CENTER, PHONE: 65 6226 5539, FAX: 65 224 5776, E-MAIL: POCC@MPA.GOV.SG.
2. CANCEL HYDROPAC 2295/13.

(060508Z AUG 2013)

2335/13 thru 2337/13. CANCELED.

2338/13(63).
INDIA-WEST COAST.
1. TWO GREY RUSTED DRUMS ADRIFT IN:
A. 20-31.54N 072-23.55E AT 050620Z AUG.
B. 20-40.11N 072-41.30E AT 050700Z AUG.
2. CANCEL THIS MSG 091125Z AUG 13.

(061124Z AUG 2013)

2339/13(83).
SOUTH PACIFIC.
S/V GOBO, TWO PERSONS ON BOARD, DISABLED DUE TO STRUCTURAL DAMAGE, PREPARING TO ABANDON SHIP IN 13-52.65S 166-54.03W AT 061050Z AUG. 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.

(061211Z AUG 2013)

2340/13(18).
EASTERN NORTH PACIFIC.
CALIFORNIA.
DISTRESS SIGNAL RECEIVED ON 406 MHZ FROM 118 FOOT M/V BARONESS L IN 34-06.2N 123-34.2W. 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.

(061245Z AUG 2013)

2341/13. CANCELED.

2342/13(82).
CORAL SEA.
VANUATU.
CREW ABANDONING SHIP IN 13-53S 166-54E. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO MRCC NOUMEA, INMARSAT-C: 5824 2279 9194, PHONE: 68 729 2332, 68 726 4772, FAX: 68 729 2303.

(061826Z AUG 2013)

2343/13(18).
EASTERN NORTH PACIFIC.
DISTRESS SIGNAL RECEIVED ON 406 MHZ IN 32-13.7N 129-50.7W. 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

(061831Z AUG 2013)

2344/13 and 2345/13. CANCELED.

2346/13(74,75).
AUSTRALIA-SOUTHWEST COAST.
CHART 74052
ALBANDY DGPS STATION 35-05.3S 117-54.0E INOPERATIVE.

(070015Z AUG 2013)

2347/13 thru 2350/13. CANCELED.

2351/13(83).
SOUTH PACIFIC.
1. DERELICT 49 METER F/V, WHITE HULL, CAPSIZED
AND ADRIFT VICINITY 27-00.08S 144-08.08W
AT 061717Z AUG.
2. CANCEL THIS MSG 100613Z AUG 13.

(070614Z AUG 2013)

2352/13(62).
PERSIAN GULF.
U.A.E.
1. DERELICT VESSEL ADRIFT VICINITY 25-36.64N 055-07.84E.
2. CANCEL THIS MSG 100834Z AUG 13.

(070835Z AUG 2013)

2353/13. CANCELED.

2354/13(96).
SEA OF OKHOTSK.
RUSSIA.
1. CABLE OPERATIONS 12 AUG THRU 20 OCT ALONG
TRACKLINE JOINING
53-29.11N 143-06.41E, 53-45.00N 144-40.00E,
54-52.00N 146-22.00E, 55-37.00N 147-32.00E,
56-57.07N 149-40.00E, 57-56.00N 150-15.00E,
58-25.00N 150-32.40E, 59-04.00N 150-56.50E,
59-31.40N 151-14.20E, 59-33.68N 151-15.69E.
2. CANCEL THIS MSG 21 OCT 13.

(070949Z AUG 2013)

2355/13(63).
INDIA-EAST COAST.
BAY OF BENGAL.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 0330Z TO 0730Z DAILY
12 AND 13 AUG IN AREA BOUND BY
21-22.35N 086-55.77E, 21-09.74N 086-50.28E,
20-45.37N 087-06.82E, 17-52.44N 087-54.95E,
18-05.09N 088-32.15E, 18-23.60N 089-06.60E,
20-50.92N 087-19.54E, 21-18.50N 087-10.35E,
21-22.67N 086-56.50E.
2. CANCEL THIS MSG 130830Z AUG 13.

(071044Z AUG 2013)

2356/13(95).
YELLOW SEA.
GUNNERY.
1. GUNNERY EXERCISES 0001Z TO 0800Z DAILY
12 THRU 14 AND 16 AUG 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 160900Z AUG 13.

(071213Z AUG 2013)

2357/13(95).
YELLOW SEA.
GUNNERY.
1. GUNNERY EXERCISES 0001Z TO 0800Z DAILY
12 THRU 14 AND 16 AUG 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 160900Z AUG 13.

(071221Z AUG 2013)

2358/13(95).
YELLOW SEA.
GUNNERY.
1. GUNNERY EXERCISES 0001Z TO 0800Z DAILY
12 THRU 14 AND 16 AUG 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 160900Z AUG 13.

(071228Z AUG 2013)

2359/13. CANCELED.

2360/13(73).
PAPUA NEW GUINEA-NORTHEAST COAST.

VITIAZ STRAIT.
VESSEL CAPSIZED VICINITY 05-56S 147-12E.
FOUR PERSONS MISSING. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO MRCC PORT MORESBY, PHONE: 675 7351 7017,
675 321 3033, FAX: 675 321 3051,
E-MAIL: MRCCPNG@NMSA.GOV.PG.

(071317Z AUG 2013)

2361/13(76).
NEW ZEALAND.
SOUTH ISLAND-EAST COAST.
CHART 76150
STEEP HEAD LIGHT 43-44.6S 173-07.7E UNLIT.

(071344Z AUG 2013)

2362/13 thru 2365/13. CANCELED.

2366/13(83).
SOUTH PACIFIC.
1. DERELICT 49 METER F/V, WHITE HULL,
CAPSIZED AND ADRIFT IN 27-44.2S 143-54.0W
AT 071752Z AUG.
2. CANCEL THIS MSG 102037Z AUG 13.

(072036Z AUG 2013)

2367/13. CANCELED.

2368/13(93).
GULF OF TONKIN.
F/V QIONGDANZHOU 11151, FOUR PERSONS ON BOARD, UNREPORTED.
LAST KNOWN POSITION 19-32N 107-43E. 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.

(080527Z AUG 2013)

2369/13. CANCELED.

2370/13(18).
EASTERN NORTH PACIFIC.
DISTRESS SIGNAL RECEIVED ON 406 MHZ
IN 27-17.9N 122-23.6W. 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.

(080531Z AUG 2013)

2371/13(18).
EASTERN NORTH PACIFIC.
DISTRESS SIGNAL RECEIVED ON 406 MHZ
IN 23-24.4N 124-15.6W. 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.

(080536Z AUG 2013)

2372/13. CANCELED.

2373/13(61).
SOUTHWESTERN INDIAN OCEAN.
MOZAMBIQUE CHANNEL.
1. DERELICT VESSEL ADRIFT VICINITY 29-32S 038-42E
ON 08 AUG.
2. CANCEL THIS MSG 110922Z AUG 13.

(080923Z AUG 2013)

2374/13. CANCELED.

HYDROARCS

Messages in force 081430Z August 2013:

2010 series	2012 series	193(15)	227(16,41,96)	81(43)	101(43)
56(15)	112(15)	197(15)	256(16,96)	88(15)	104(42)
71(15)	131(16)	198(15)	260(42)	89(15)	105(42)
102(15)	138(16)	206(16)	2013 series	90(15)	106(42)
103(16,41)	144(15)	212(16)	22(43)	96(16,96)	
2011 series	148(16)	220(GEN)	45(15)	97(42)	
160(42)	160(15,16)	221(15)	58(42,43)	99(GEN)	

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

HYDROARCS WARNINGS issued from 011300Z to 081430Z August 2013.

103/13. CANCELED.

104/13(42).
ARCTIC.
KARA SEA.
1. SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE
BY M/V NIKOLAY TRUBYATCHINSKY TOWING 8100 METER
LONG CABLE IN AREA BOUND BY
75-33N 069-29E, 77-22N 074-37E,
75-08N 084-46E, 73-54N 079-55E.
SIX MILE BERTH REQUESTED.
2. CANCEL HYDROARC 93/13.

(011801Z AUG 2013)

105/13(42).
ARCTIC.
KARA SEA.
1. SEISMIC SURVEY 05 AUG THRU 30 NOV BY M/V GEO CELTIC
TOWING TEN 6300 METER LONG CABLES IN AREA BOUND BY
74-25.60N 071-41.93E, 73-55.67N 074-04.50E,
74-13.28N 076-49.65E, 74-31.00N 075-39.57E,
74-25.12N 074-49.22E, 74-38.67N 073-40.39E.
EIGHT MILE BERTH REQUESTED.
2. CANCEL HYDROARC 91/13.
3. CANCEL THIS MSG 01 DEC 13.

(011837Z AUG 2013)

106/13(42).
ARCTIC.
BARENTS SEA.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 0400Z TO 1600Z DAILY
05 THRU 08 AUG IN AREA BETWEEN
69-34.5N 69-58.0N AND 033-38.0E 034-47.0E.
2. CANCEL THIS MSG 081700Z AUG 13.

(030547Z AUG 2013)

107/13 thru 110/13. CANCELED.

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 8 August 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 8 August 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 MARITIME SAFETY OFFICE SEEKING MARINE ANALYSTS

Thinking about a new career ashore? The NGA Maritime Safety Office is looking for qualified Marine Analysts. Marine Analysts acquire, analyze, compile, and disseminate maritime safety information to populate and update nautical databases to support the Digital Nautical Chart (DNC), standard nautical charts, and digital publications. They also generate *U.S. Notice to Mariners* corrections, promulgate worldwide navigational warnings, create mission specific datasets, and respond to queries from foreign hydrographic offices. These duties fulfill NGA's Maritime obligations under U.S. Code Title 10, federal and international laws and regulations, and national security objectives.

GENERAL REQUIREMENTS:

A. Education: Graduation with a Bachelor's degree from an accredited state or federal maritime academy, the U.S Naval Academy, or the U.S. Coast Guard Academy. Education must include successful completion of the requirements for a U.S. Coast Guard Third Mate's License or Officer of the Deck underway qualification by the U.S. Navy or U.S. Coast Guard. Strongly desired candidates will also include classes in Geographic Information Systems (GIS) software.

Or

B. Experience: Minimum six years of crew member experience aboard U.S. commercial or military vessels while serving in a navigational capacity. This includes demonstrated proficiencies and experience with NGA Maritime products across multiple marine modalities. Preferred certifications may include: Military Watercraft Operator, Quartermaster of the Watch (QMOW), training specialist of marine navigation, or other related expertise. Strongly desired candidates will have completed a U.S. Coast Guard Third Mate's License or Officer of the Deck underway qualification by the U.S. Navy or U.S. Coast Guard, and will have operator experience with current electronic chart display and information system (ECDIS) interfaces. Strongly desired candidates will also include classes in Geographic Information Systems (GIS) software.

ENVIRONMENTAL/PHYSICAL REQUIREMENTS:

Distinguish principal colors and shades/hues of principal colors
Far visual acuity of 20/60 or better binocular with or without corrective lenses
Near visual acuity of 20/20 or better with or without corrective lenses

SPECIAL REQUIREMENTS:

Ability to obtain a Top Secret security clearance
U.S. Citizenship
Shift work
Drug testing
Polygraph

Job locations are Springfield, Virginia and St. Louis, Missouri.

Applicants can apply at www.nga.mil/careers, Current Openings, Analytic Occupations Resume Repository-Entry Level for GEOINT Analyst (Maritime), Job ID 20130111

Or

Check the web site for a specific Job Title Announcement for the position of GEOINT Analyst (Maritime).

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.

11355 30th Ed. Aug 2013 NEW EDITION NAD 83 (NOS Silver Spring, MD)
INTRACOASTAL WATERWAY - LOUISIANA - CATAHOULA BAY TO WAX LAKE OUTLET 1:40,000
(New edition due to numerous Notice to Mariner and topographic changes)

11434 29th Ed. Jul 2013 NEW EDITION NAD 83 (NOS Silver Spring, MD)
GULF COAST - FLORIDA - FLORIDA KEYS - SOMBRERO KEY TO DRY TORTUGAS 1:180,000
(New edition due to numerous Notice to Mariner changes)

11447 38th Ed. Jul 2013 NEW EDITION NAD 83 (NOS Silver Spring, MD)
EAST COAST - FLORIDA - KEY WEST HARBOR 1:10,000
(New edition due to numerous Notice to Mariner changes)

12210 39th Ed. Jul 2013 NEW EDITION NAD 83 (NOS Silver Spring, MD)
EAST COAST - VIRGINIA - CHINCOTEAGUE INLET TO GREAT MACHIPONGO INLET 1:80,000
(New edition due to numerous Notice to Mariner changes)

12251 24th Ed. Aug 2013 NEW EDITION NAD 83 (NOS Silver Spring, MD)
EAST COAST - VIRGINIA - JAMES RIVER - JAMESTOWN ISLAND TO JORDAN POINT 1:40,000
(New edition due to numerous Notice to Mariner changes)

13213 43rd Ed. Jul 2013 NEW EDITION NAD 83 (NOS Silver Spring, MD)
EAST COAST - CONNECTICUT - NEW LONDON HARBOR AND VICINITY 1:10,000
(New edition due to numerous Notice to Mariner, hydrographic and topographic changes)

13218 42nd Ed. Jul 2013 NEW EDITION NAD 83 (NOS Silver Spring, MD)
EAST COAST - MASSACHUSETTS - RHODE ISLAND - MARTHA'S VINEYARD TO BLOCK ISLAND 1:80,000
(New edition due to numerous Notice to Mariner changes)

13325 16th Ed. Jul 2013 NEW EDITION NAD 83 (NOS Silver Spring, MD)
EAST COAST - MAINE - QUODDY NARROWS TO PETIT MANAN ISLAND 1:80,000
(New edition due to numerous Notice to Mariner and various general changes)

25677 22nd Ed. Jul 2013 NEW EDITION NAD 83 (NOS Silver Spring, MD)
WEST INDIES - SOUTH COAST OF PUERTO RICO - GUANICA LIGHT TO PUNTA TUNA LIGHT 1:100,000
(New edition due to numerous Notice to Mariner changes)

NGA CHART NEW EDITIONS AND THEIR AVAILABILITY

NGA standard nautical hardcopy chart products are made available and distributed by three different authorized methods:

1) The mailing and shipping of charts to Department of Defense (DoD) customers and other authorized U.S. Government users by the Defense Logistics Agency (DLA)

2) The posting of selected new charts (as large .pdf print files) to NGA websites for access by Department of Defense (DoD) customers and other authorized U.S. Government users

3) The print-on-demand access of all public release NGA charts by the National Ocean Service (NOS) and official NOS chart agents, on behalf of NGA

The posting of selected new NGA charts (as large .pdf print files) to NGA websites for access by Department of Defense (DoD) customers and other authorized U.S. Government users is normally made the day after NGA clears the New Edition for

release and the chart is sent to be printed in mass quantity for DLA stock. The traditional NGA printed paper chart is then usually available some six to eight weeks later from DLA and sent out on automatic distribution. For those charts set for public sale, they are available a week after NGA release from the National Ocean Service at http://www.nauticalcharts.noaa.gov/staff/charts.htm. Regardless of how the NGA chart is obtained by the customer (downloaded from NGA website, distributed from DLA, or obtained through NOS) each is official, should be put into service immediately, and meets all Federal chart carriage requirements immediately upon its release. Each should also be updated from the dates shown in the lower left corner of the chart through the US Notice to Mariners. For questions, contact NGA at mcdepod@nga.mil.

Through a special arrangement between the National Ocean Service and NGA, all NOAA charts are also available (as large .pdf print files) on the NGA websites for Department of Defense (DoD) customers and other authorized U.S. Government users. These NOAA chart files are updated every week for all Notice to Mariners (NGA, USCG, and Canadian Coast Guard). The official NGA web sites for downloading selected NGA and NOAA charts are:

- JWICS: http://www.geoint.nga.ic.gov/products/dnc1/epods/index.htm
- NIPRNet: https://www.geointel.nga.mil/products/dnc/epods/index.htm
- SIPRNet: http://www.geoint.nga.smil.mil/products/dnc1/epods/index.htm

This week's new editions released by NGA are listed below. These NGA charts are now available for download as large .pdf print files at the above mentioned web sites.

62144	4th Ed. August 3, 2013 NEW EDITION	WGS-84	(NGA Springfield, VA)
	APPROACHES TO SAWAKIN		1:20,000
	(Correct through NM 31/13).		Limited Distribution
91350	1st Ed. August 3, 2013 NEW CHART	WGS-84	(NGA Springfield, VA)
	RAGAY GULF		1:100,000
	(Correct through NM 31/13).		Limited Distribution

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

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

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

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

Bilateral charts will contain references to host nation charts and publications, and may use symbology not yet found in US Chart No. 1. In most cases, NGA will not attempt to change these references to the equivalent US charts, publications or symbology. However, it should be noted that relevant maritime information referenced in a foreign publication can also usually be found within Sailing Directions, Notice to Mariners No. 1 (Special Paragraphs), List of Lights, Radio Navigational

Aids, or Chart No. 1. Updates to Sailing Directions and other electronic publications can be made through the application of digital patch files (PDU files), available for download from the NGA Maritime Safety Web site.

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

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

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

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

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

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

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

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

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

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

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

Former US Chart No.	*Current US Chart No.*	*Foreign Chart No.*	*Originally Announced in NTM*	*Later Edition*
14002	14ACO14000	Can. 4023	23/04	
14005	14ACO14001	Can. 4012	23/04	
14006	14ACO14334	Can. 4016	9/09	
14009	14ACO14004	Can. 4015	23/04	
14009	14ACO14011	Can. 4047	23/04	
14009	14ACO14012	Can. 4002	29/04	
14009	14ACO14013	Can. 4013	29/04	
14009	14ACO14015	Can. 4045	29/04	
14014	14ACO14013	Can. 4013	29/04	
14040	14ACO14016	Can. 4010	29/04	
14041	14XHA14019	Can. 4011	29/04	
14042	14XHA14020	Can. 4396	1/05	35/12
14043	14AHA14021	Can. 4116	8/05	42/08
14044	14AHA14022	Can. 4117	14/05	36/12
14046	14BHA14023	Can. 4140	14/05	
14062	14XCO14025	Can. 4118	43/04	
14062	14XCO14026	Can. 4243	12/05	
14065	14BHA14027	Can. 4245	12/05	
14066	14XCO14026	Can. 4243	12/05	
14066	14XHA14028	Can. 4230	14/05	
14066	14XHA14029	Can. 4241	14/05	

14066	14XHA14030	Can. 4242	33/05	
14066	14XHA14031	Can. 4210	33/05	
14067	14XHA14029	Can. 4241	14/05	
14067	14XHA14032	Can. 4209	47/05	
14068	14XHA14032	Can. 4209	47/05	
14083	14AHA14035	Can. 4211	18/11	
14083	14AHA14036	Can. 4320	45/05	34/07
14085	14AHA14037	Can. 4328	45/05	
14087	14AHA14039	Can. 4385	46/05	
14088	14AHA14047	Can. 4201	46/05	
14089	14AHA14048	Can. 4202	39/06	
14090	14AHA14049	Can. 4237	6/05	
14091	14AHA14050	Can. 4203	48/06	
14093	14AHA14051	Can. 4236	25/07	
14100	14XHA14052	Can. 4235	25/07	
14100	14XHA14053	Can. 4234	25/07	
14105	14AHA14054	Can. 4321	22/07	
14115	14XCO14058	Can. 4227	29/04	
14121	14XHA14059	Can. 4374	23/07	
14123	14XHA14060	Can. 4375	23/07	
14125	14AHA14064	Can. 4376	22/07	
14133	14XHA14072	Can. 4278	23/07	
14134	14XHA14073	Can. 4279	23/07	
14136	14AHA14075	Can. 4266	25/07	
14141	14AHA14076	Can. 4462	22/07	
14144	14XHA14143	Can. 4950	38/03	11/08
14145	14AHA14077	Can. 4448	22/07	
14146	14XHA14078	Can. 4404	25/07	
14151	14XHA14079	Can. 4403	23/07	
14156	14BHA14080	Can. 4419	22/07	
14190	14ACO14096	Can. 4905	6/09	
14203	14XHA14195	Can. 1431	42/03	11/08
14222	14XHA14211	Can. 1312	40/03	5/08
14227	14XHA14215	Can. 1316	39/03	38/12
14240	14XHA14217	Can. 1236	43/03	38/12
14241	14XHA14218	Can. 1233	39/03	38/12
14253	14ACO14004	Can. 4015	23/04	
14340	14ACO14334	Can. 4016	9/09	
14342	14BCO14336	Can. 4626	11/10	
14349	14AHA14339	Can. 4622	10/09	
14350	14AHA14334	Can. 4841	12/10	
14351	14AHA14334	Can. 4841	12/10	
14360	14ACO14348	Can. 4017	12/10	
14364	14AHA14359	Can. 4846	25/09	
14366	14AHA14359	Can. 4846	25/09	
14373	14BHA14362	Can. 4847	12/10	
14415	14ACO14377	Can. 4020	12/10	
14812	14XHA14809	Can. 2085	6/09	39/12
15008	15ACO15001	Can. 4730	12/10	
15011	15ACO15002	Can. 7050	16/08	
15017	15ACO15003	Can. 5450	33/07	
15018	15ACO15004	Can. 4700	12/10	
15020	15ACO15005	Can. 7011	12/10	
15041	**15ACO15007**	Can. 4731	41/08	
15061	15ACO15014	Can. 4732	42/08	
15070	15BHA15024	Can. 5143	6/09	
15080	15BHA15027	Can. 5023	46/07	

15120	15ACO15030	Can. 4775	31/07	
15140	15ACO15031	Can. 4776	12/10	
15160	15ACO15032	Can. 5300	34/08	
15312	15ACO15035	Can. 5400	6/09	
15670	15XCO15672	Can. 7570	44/09	
17008	**17ACO17007**	Can. 3002	40/08	
17412	**17XHA17410**	Can. 3890	40/08	
17413	**17ACO17411**	Can. 3802	42/08	
17414	**17BCO17415**	Can. 3854	42/08	
17416	**17BCO17417**	Can. 3853	41/08	
17438	17BHA17418	Can. 3960	43/08	
17438	17BHA17419	Can. 3959	41/08	
17438	17BHA17440	Can. 3956	12/10	
17441	17BHA17442	Can. 3927	12/07	
17441	17BHA17447	Can. 3746	25/07	
17444	17XHA17448	Can. 3955	32/08	
17445	17BHA17439	Can. 3957	12/10	
17464	17XHA17450	Can. 3724	12/10	
17465	**17XHA17451**	Can. 3742	41/08	
17480	17ACO17454	Can. 3744	12/10	
17485	17XHA17456	Can. 3936	44/09	
17486	**17XCO17458**	Can. 3727	13/09	
17489	17XHA17488	Can. 3598	12/10	
17495	17ACO17493	Can. 3605	6/07	
17513	17XHA17497	Can. 3539	8/05	1/08
17515	17XHA17496	Can. 3513	6/09	
17517	17XHA17498	Can. 3512	44/09	
17518	17BHA17499	Can. 3463	31/07	
17519	17BHA17500	Can. 3526	23/07	
17543	17ACO17501	Can. 3604	1/08	
17546	**17XCO17510**	Can. 3603	31/10	
17548	17BCO17511	Can. 3671	31/07	
17550	17ACO17514	Can. 3602	24/07	
18401	18BHA18404	Can. 3459	42/08	44/10
18405	18BHA18426	Can. 3493	25/07	49/11
18406	18BHA18435	Can. 3481	23/07	36/12
18407	18BHA18436	Can. 3494	12/07	
18408	18BHA18437	Can. 3495	42/08	
18413	18BHA18442	Can. 3442	31/07	
18414	18XHA18451	Can. 3478	31/07	
18415	18BHA18461	Can. 3441	24/07	
18416	18AHA18462	Can. 3440	24/07	
18418	18AHA18466	Can. 3419	24/07	
18420	18BHA18467	Can. 3479	12/07	16/08
18475	18XHA18472	Can. 3685	43/08	
35009	35ACO35002	UK 266	19/04	3/07
35009	35ACO35003	UK 268	19/04	1/12
35009	35ACO35004	UK 273	19/04	1/12
35009	35ACO35005	UK 278	23/04	4/07
35009	35ACO35006	UK 1191	24/04	8/13
35009	35ACO35010	UK 1192	28/04	12/06
35009	35ACO35013	UK 1409	23/04	49/04
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	5/12
35130	35ACO35056	UK 1942	12/06	
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	5/13
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	
36138	36AHA36033	UK 3275	39/04	29/12
36139	36BHA36034	UK 3274	39/04	45/12
36140	36ACO36035	UK 1178	39/04	10/13
36141	36BHA36036	UK 2878	41/04	11/13
36161	36BHA36039	UK 1152	52/04	45/12
36162	36BHA36041	UK 1182	1/05	45/12
36163	36BHA36042	UK 1176	1/05	8/13
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	20/07
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	39/10
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	11/13
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	17/05
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	9/13
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
97064	97BHA97055	Jpn. W1100	39/12	
97082	97BHA97084	W64A	9/12	
97083	97BHA97085	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	
97185	97BHA97031	Jpn. W1057B	49/11	
97188	97BHA97033	Jpn. W1052	38/12	

97189	97BHA97034	Jpn. W1055B	49/11	
97204	97AHA97191	Jpn. W131	11/11	
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	
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	
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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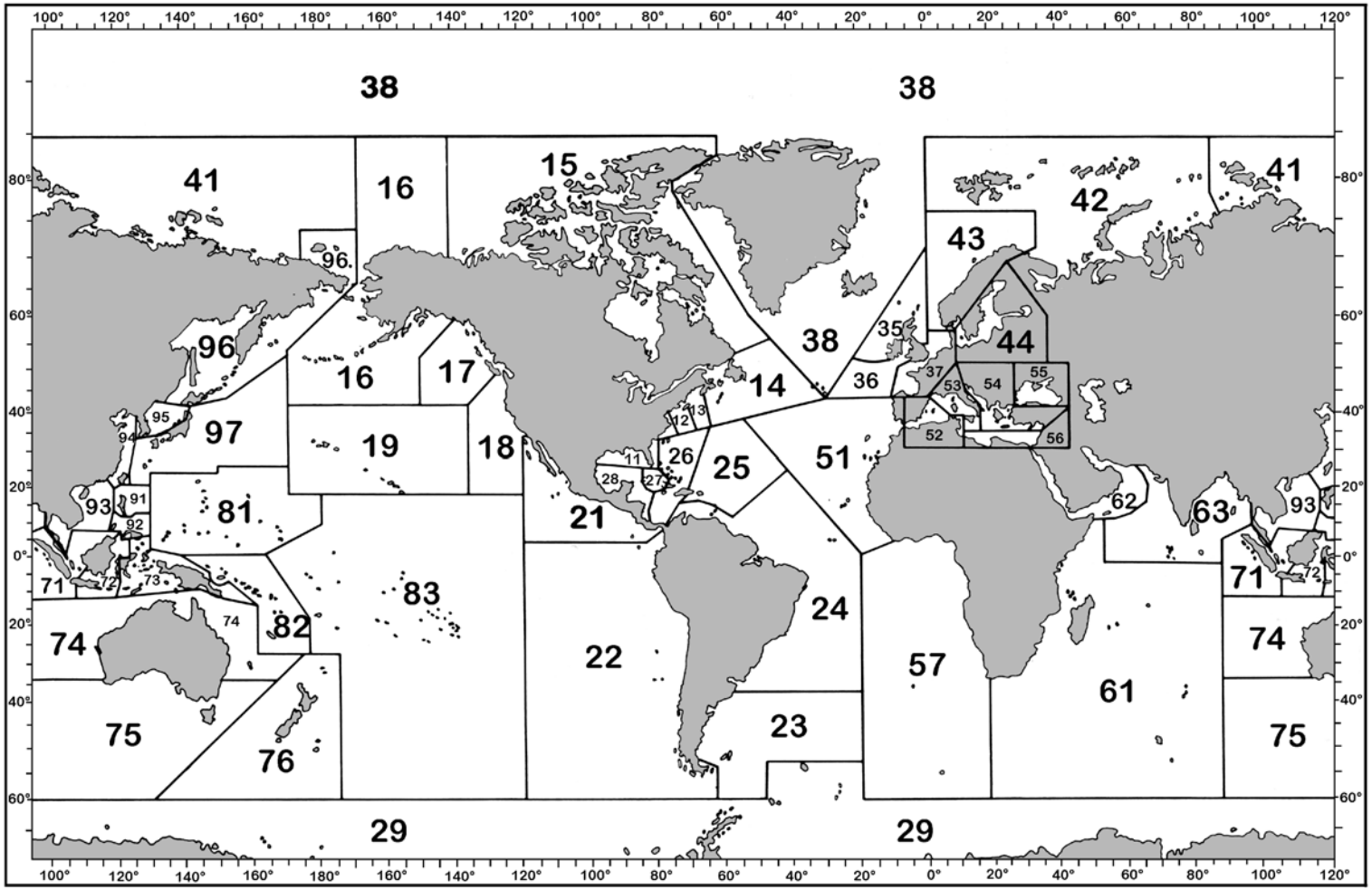

GEOGRAPHIC LOCATOR

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