No. 40

6 OCTOBER 2012

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	571-557-5943	547-5943	571-558-3261
Navigation Publications	571-557-8080	547-8080	571-558-3261
DLA Catalog of Maps Charts and Related Products	269-961-7766	661-7766	269-961-7791

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

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

Observer	**Ship/Organization**
QM2 Matthew R. Beasley	ACU2

Cover Photo: USNS WALLY SCHIRRA (T-AKE-8), is the eighth *Lewis and Clark-class* dry cargo and ammunition ship and was built by General Dynamics National Steel and Shipbuilding Company in San Diego, California. The ship is named in honor of Captain Wally Schirra (1923-2007), who holds the distinction of being the only astronaut to fly in each of the Mercury, Gemini and Apollo space programs. These ships are able to deliver ammunition, provisions, stores, spare parts, potable water and petroleum products to the Navy's carrier strike groups and other naval forces worldwide. Designed to operate for extended periods at sea, the ship has improved cargo handling equipment that increases efficiency and makes the ships more cost effective to operate and maintain. The **WALLY SCHIRRA** is 689 feet in length, has a beam of 106 feet, a navigational draft of 30 feet, and displaces approximately 42,000 tons. She is capable of reaching a speed of 20 knots using a single-shaft, diesel-electric propulsion system. These dry cargo and ammunition ships are operated by Military Sealift Command with civilian mariner crews of 124 personnel augmented by a military complement of 11.

INFORMATION OF SPECIAL INTEREST OR IMPORTANCE TO MARINERS

HYDROGRAM

National Geospatial-Intelligence Agency
Springfield, VA 22150-7500

SPECIAL ANNOUNCEMENTS
NEW PRODUCTS OR SERVICES
IMPORTANT CHANGES

NM 40/12

6 October 2012

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.

NOAA PRINT-ON-DEMAND CHARTS

RECENT CHANGES HAVE BEEN MADE BY NGA REGARDING THE AVAILABILITY OF NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) CHARTS FOR DEPARTMENT OF DEFENSE (DOD) CUSTOMERS AND OTHER AUTHORIZED U.S. GOVERNMENT USERS. FOR ADDITIONAL INFORMATION, SEE SECTION 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.

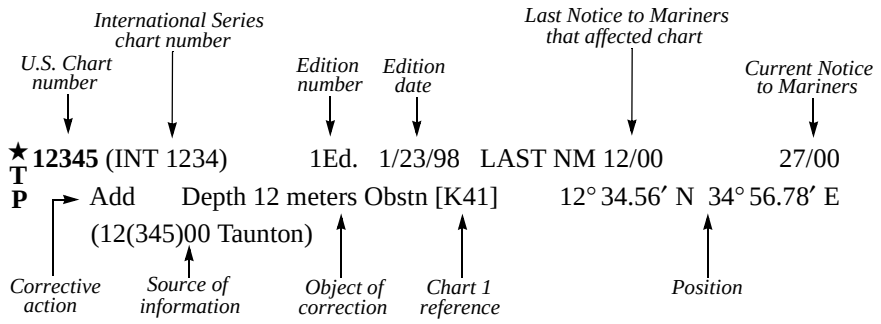
NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY'S IMPLEMENTATION OF A HARDCOPY TO DIGITAL TRANSITION STRATEGY

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.

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.

600 (INT 600) 5Ed. 1/8/94 LAST NM 10/11 40/12
Add Danger circle [K1] "Volcanic Activity (2012)"
30° 57′ S 179° 08′ W
(19(157)12 Wellington)

605 (INT 605) 4Ed. 8/26/95 LAST NM 7/10 40/12
Add Danger circle [K1] "Volcanic Activity (2012)"
30° 57′ S 179° 08′ W
(19(157)12 Wellington)

622 9Ed. 2/10/96 LAST NM 29/12 40/12
Add Danger circle [K1] "Volcanic Activity Rep (2012)" 30° 57′ S 179° 08′ W
(19(157)12 Wellington)

1116A Ed. 5/12 LAST NM 38/12 40/12
Delete Dangerous wreck (awash) (PA) 28° 52.6′ N 91° 09.6′ W
Note: Obstructions remain
(See 34/12-1116A)

Add Submarine pipeline [L40.1] joining 28° 19.4′ N 91° 23.7′ W
28° 19.3′ N 91° 27.1′ W
28° 20.1′ N 91° 30.8′ W
28° 20.0′ N 91° 33.7′ W
28° 20.8′ N 91° 35.5′ W

Submarine pipeline [L40.1] between
28° 15.6′ N 91° 03.7′ W
28° 18.0′ N 91° 05.3′ W
(NOS; 37/12 CG8)

★11339 3Ed. 2/10 LAST NM 35/12 40/12
(Inset)
Change Legend to "17 FT 1998 - 2012"
30° 05′ 32.8″ N 93° 19′ 34.7″ W
Legend to "36 FT JUN 2012"
30° 06′ 07.6″ N 93° 18′ 44.0″ W
Legend to "32½ FT JUN 2012"
30° 10′ 55.0″ N 93° 18′ 28.0″ W
(See 43/11-11339)

Add Tabulation of controlling depths from Subsection I-2
(See 35/12-11339)

(Inset Continuation)
Substitute Depth 7 feet for 19 feet 30° 14′ 05.9″ N 93° 14′ 45.9″ W

Change Legend to "37 FT JUN 2012"
30° 12′ 35.8″ N 93° 16′ 45.3″ W
Legend to "37 FT JUL 2012"
30° 13′ 35.0″ N 93° 15′ 50.0″ W
Legend to "29 FT JUL 2012"
30° 13′ 11.0″ N 93° 14′ 28.6″ W
Legend to "28½ FT JUL 2012"
30° 13′ 59.0″ N 93° 14′ 45.0″ W
(See 19/12-11339)
(NOS)

★11340 76Ed. 5/12 LAST NM 38/12 40/12
Delete Dangerous wreck (awash) (PA) 28° 52.6′ N 91° 09.6′ W
Note: Obstructions remain
(See 34/12-11340)

Add Submarine pipeline [L40.1] joining 28° 19.4′ N 91° 23.7′ W
28° 19.3′ N 91° 27.1′ W
28° 20.1′ N 91° 30.8′ W
28° 20.0′ N 91° 33.7′ W
28° 20.8′ N 91° 35.5′ W

Submarine pipeline [L40.1] between
28° 15.6′ N 91° 03.7′ W
28° 18.0′ N 91° 05.3′ W
(NOS; 37/12 CG8)

11344 39Ed. 2/12 LAST NM 35/12 40/12
Add Tabulation of controlling depths from Subsection I-2
(Supersedes 35/12-11344)
(NOS)

11347 39Ed. 7/11 LAST NM 35/12 40/12
(Side A)
Change Legend to "17 FT 1998 - 2012" 30° 05′ 34″ N 93° 19′ 43″ W
Legend to "36 FT JUN 2012" 30° 06′ 11″ N 93° 18′ 40″ W
(See 43/11-11347)

Add Tabulation of controlling depths from Subsection I-2
(See 35/12-11347)

(Side B)
Change Legend to "17 FT 1998 - 2012" 30° 05′ 34″ N 93° 19′ 49″ W
Legend to "36 FT JUN 2012" 30° 06′ 08″ N 93° 18′ 44″ W

(Side B, Inset)
Substitute Depth 7 feet for 19 feet 30° 14′ 05.9″ N 93° 14′ 45.9″ W

Change Legend to "32½ FT JUN 2012"
30° 10′ 55.0″ N 93° 18′ 28.0″ W
Legend to "37 FT JUN 2012"
30° 12′ 36.0″ N 93° 16′ 45.0″ W
Legend to "37 FT JUL 2012"
30° 13′ 35.0″ N 93° 15′ 50.0″ W
Legend to "29 FT JUL 2012"
30° 13′ 11.0″ N 93° 14′ 28.6″ W
Legend to "28½ FT JUL 2012"
30° 13′ 59.0″ N 93° 14′ 45.0″ W
(See 19/12-11347)

Add Tabulation of controlling depths from Subsection I-2
(NOS)

11348 22Ed. 5/08 LAST NM 30/12 40/12
(Side A)
Change Legend to "17 FT 1998 - 2012"
30° 05′ 40.2″ N 93° 19′ 47.3″ W
Legend to "36 FT JUN 2012"
30° 06′ 07.4″ N 93° 18′ 44.2″ W
(See 43/11-11348)
(NOS)

★11356 39Ed. 6/12 LAST NM 38/12 40/12
Delete Dangerous wreck (awash) (PA) 28° 52′ 35″ N 91° 09′ 35″ W
(See 34/12-11356)
(37/12 CG8)

★11357 42Ed. 5/12 LAST NM 37/12 40/12
Add Platform [L10] 28° 52′ 56″ N 90° 43′ 50″ W
(37/12 CG8)

11412 45Ed. 4/12 LAST NM 27/12 40/12
Change Visibility (range) of light "1" to 5M
27° 40′ 58″ N 82° 36′ 34″ W
(37/12 CG7)

11415 9Ed. 3/12 LAST NM 18/12 40/12
Change Visibility (range) of light "1" to 5M
27° 40′ 58″ N 82° 36′ 34″ W
(37/12 CG7)

★11416 11Ed. 2/12 LAST NM 19/12 40/12
Change Visibility (range) of light "1" to 5M
27° 40′ 58.4″ N 82° 36′ 33.5″ W
(37/12 CG7)

13205 39Ed. 12/10 LAST NM 31/12 40/12
Add Depth 38 feet Obstn [K41] 41° 21′ 14″ N 71° 32′ 20″ W
Depth 35 feet Rk [K14.1] 41° 21′ 05″ N 71° 32′ 26″ W
Depth 48 feet Wk [K26] 41° 20′ 33″ N 71° 31′ 49″ W
(NOS)

★13215 20Ed. 2/11 LAST NM 19/12 40/12
Delete Depth 32 feet 41° 21′ 28″ N 71° 29′ 54″ W

Substitute Depth 38 feet Obstn [K41] for 48 feet
41° 21′ 14″ N 71° 32′ 20″ W

Add Depth 19 feet Obstn [K41] 41° 21′ 30″ N 71° 29′ 56″ W
Depth 22 feet Obstn [K41] 41° 21′ 27″ N 71° 30′ 00″ W
Depth 35 feet Rk [K14.1] 41° 21′ 05″ N 71° 32′ 26″ W
Depth 48 feet Wk [K26] 41° 20′ 33″ N 71° 31′ 49″ W
(NOS)

13218 41Ed. 10/09 LAST NM 34/12 40/12
Add Buoy Y, Fl Y 4s (Priv) 41° 33′ 32″N 70° 49′ 36″W
Depth 38 feet Obstn [K41] 41° 21′ 14″N 71° 32′ 20″W
Danger circle "Obstns" [K40] 41° 21′ 29″N 71° 29′ 58″W
Depth 35 feet Rk [K14.1] 41° 21′ 05″N 71° 32′ 26″W
Depth 48 feet Wk [K26] 41° 20′ 33″N 71° 31′ 49″W
(NOS; 37/12 CG1)

★13219 13Ed. 12/11 LAST NM 9/12 40/12
Add Depth 19 feet Obstn [K41] 41° 21′ 29.6″N 71° 29′ 56.0″W
Depth 22 feet Obstn [K41] 41° 21′ 27.5″N 71° 29′ 56.6″W
Depth 38 feet Obstn [K41] 41° 21′ 13.6″N 71° 32′ 19.5″W
Depth 35 feet Rk [K14.1] 41° 21′ 04.9″N 71° 32′ 26.0″W
Depth 48 feet Wk [K26] 41° 20′ 32.9″N 71° 31′ 49.2″W
(NOS)

13229 31Ed. 9/10 LAST NM 34/12 40/12
(Page A)
Delete Light "S" 41° 36′ 29″N 70° 14′ 48″W
Light "C" 41° 36′ 44″N 70° 14′ 48″W
Light "N" 41° 37′ 00″N 70° 14′ 49″W

(Page B, Inset 2)
Delete Light "S" 41° 36′ 28.6″N 70° 14′ 48.1″W
Light "C" 41° 36′ 44.8″N 70° 14′ 48.1″W
Light "N" 41° 37′ 00.7″N 70° 14′ 48.1″W

(Page F)
Add Buoy Y, Fl Y 4s (Priv) 41° 33′ 32″N 70° 49′ 36″W
(37/12 CG1)

13230 50Ed. 8/10 LAST NM 27/12 40/12
Add Buoy Y, Fl Y 4s (Priv) 41° 33′ 32″N 70° 49′ 36″W
(37/12 CG1)

★13232 5Ed. 11/09 LAST NM 41/11 40/12
Add Buoy Y, Fl Y 4s (Priv) 41° 33′ 31.7″N 70° 49′ 35.9″W
(37/12 CG1)

★13237 41Ed. 8/11 LAST NM 33/12 40/12
Delete Light "S" 41° 36′ 28″N 70° 14′ 49″W
Light "C" 41° 36′ 44″N 70° 14′ 50″W
Light "N" 41° 37′ 00″N 70° 14′ 50″W
(37/12 CG1)

16011 38Ed. 8/12 LAST NM 38/12 40/12
Substitute Depth 3¾ fathoms for 25 fathoms 54° 04.3′ N 165° 29.8′ W
(NOS)

16520 23Ed. 8/08 LAST NM 39/12 40/12
Substitute Depth 1¾ fathoms for 8 fathoms 54° 05.8′ N 165° 13.9′ W

Add Depth 3¾ fathoms 54° 04.3′ N 165° 29.8′ W
(NOS)

★16531 7Ed. 2/16/02 LAST NM 29/12 40/12
Substitute Depth 1¾ fathoms for 8 fathoms
54° 05′ 51″N 165° 13′ 53″W
Depth 3¾ fathoms for 12 fathoms
54° 04′ 21″N 165° 29′ 51″W
Depth 6¾ fathoms for 21 fathoms
54° 01′ 34″N 165° 30′ 52″W

Add Depth 4½ fathoms 54° 01′ 17″N 165° 33′ 38″W
(NOS)

★16553 7Ed. 3/11 LAST NM 19/11 40/12
(Inset Popof Strait)
Change Visibility (range) of light "3" to 5M
55° 19′ 56.4″N 160° 30′ 03.9″W
(37/12 CG17)

★17368 7Ed. 8/06 LAST NM 37/08 40/12
Add Legend "Shoal to 3 fms 2 ft rep 2012" between
56° 54′ 31″N 134° 20′ 00″W
56° 54′ 31″N 134° 19′ 21″W

(Inset Security Bay Extension)
Add Legend "Shoal to 3 fms 2 ft rep 2012" between
56° 54′ 31.2″N 134° 20′ 00.0″W
56° 54′ 31.2″N 134° 19′ 21.0″W
(NOS)

18003 20Ed. 11/06 LAST NM 34/12 40/12
Add Danger circle [K1] "Subm buoy (cov 8¼fms)"
47° 57.8′ N 124° 56.9′ W
(37/12 CG13)

★18480 31Ed. 10/06 LAST NM 28/12 40/12
Add Danger circle [K1] "Subm buoy (cov 8¼fms)"
47° 57.8′ N 124° 56.9′ W
(37/12 CG13)

★18502 87Ed. 9/11 LAST NM 24/12 40/12
Relocate Range light, front from
46° 58′ 11″N 123° 55′ 44″W to
46° 58′ 12″N 123° 55′ 54″W
and change height to 24ft
Note: Range line remains unchanged

Change Range light, front to Q 21ft, Q 21ft
46° 57′ 24″N 123° 50′ 17″W
Height of range light, rear to 53ft
46° 58′ 12″N 123° 56′ 10″W
Height of range light, rear to 42ft
46° 57′ 06″N 123° 50′ 50″W
Height of range light, rear to 34ft
46° 57′ 15″N 123° 49′ 53″W
(See 49/11-18502)
(36/12 CG13)

★18525 37Ed. 6/12 LAST NM 35/12 40/12
Change Height of range light, front to 32ft
45° 41′ 01″N 122° 46′ 40″W
Height of range light, rear to 53ft
45° 41′ 08″N 122° 46′ 43″W
Height of range light, rear to 51ft
45° 40′ 51″N 122° 46′ 44″W
(36/12 CG13)

18649 67Ed. 12/09 LAST NM 39/12 40/12
Change Height of range light, front to 26ft
37° 48′ 57.7″N 122° 19′ 34.0″W
(34/12 CG11)

★18650 56Ed. 9/09 LAST NM 39/12 40/12
Delete Depth 42 feet 37° 47′ 28.2″N 122° 17′ 17.0″W
Depth 42 feet 37° 47′ 31.4″N 122° 17′ 12.5″W
Depth 46 feet 37° 47′ 58.6″N 122° 19′ 53.4″W
(See 14/12-18650)

Change Height of range light, front to 26ft
37° 48′ 57.7″N 122° 19′ 34.0″W
(34/12 CG11)

18652 36Ed. 2/11 LAST NM 39/12 40/12
(Page A)
Change Legend to "BAR CHAN 49 FT"
37° 48′ 11″N 122° 21′ 25″W
Legend to "INNER HBR ENT CHAN 48 FT"
37° 48′ 10″N 122° 20′ 41″W
Legend to "46 FT FEB-MAY 2012"
37° 47′ 32″N 122° 18′ 13″W
(See 14/12-18652)

(Page B, Inset 5)
Change Legend to "49 FT JAN 2012 BAR CHANNEL"
37° 48′ 11″N 122° 21′ 25″W

Legend to "INNER HBR ENT CHAN 48 FT
JAN-FEB 2012" 37° 48′ 10″N 122° 20′ 41″W

Legend to "OUTER HARBOR ENTRANCE
CHANNEL 48 FT JAN-MAY 2012"
37° 48′ 31″N 122° 20′ 25″W

Legend to "39 FT FEB 2010-MAY 2012"
37° 49′ 05″N 122° 19′ 05″W
(NOS)

22008 35Ed. 9/6/97 LAST NM 52/11 40/12
Add Wreck [K29] 7° 52.0′ S 79° 55.0′ W
Wreck [K29] 12° 43.7′ S 76° 49.8′ W
(5(41, 47)12 Callao)

22130 2Ed. 6/22/96 LAST NM 23/12 40/12
Add Wreck [K29] 7° 52.0′ S 79° 55.0′ W
(5(41)12 Callao)

22170 3Ed. 8/4/01 LAST NM 9/12 40/12
Add Wreck [K29] 12° 43.7′ S 76° 49.8′ W
(5(47)12 Callao)

24460 4Ed. 11/6/93 LAST NM 21/12 40/12
(Panel A)
Delete Dangerous wreck (PA) 12° 11.6′ N 72° 11.2′ W

Add Dangerous wreck [K28] 12° 11.8′ N 72° 11.0′ W
(98/12 Bogota)

24468 1Ed. 11/18/06 LAST NM 17/12 40/12
Delete Dangerous wreck (PA) 12° 11′ 24″N 72° 11′ 11″W

Add Dangerous wreck [K28] 12° 11′ 48″N 72° 11′ 00″W
(98/12 Bogota)

24469 1Ed. 8/22/87 LAST NM 17/12 40/12
Delete Dangerous wreck (PA) 12° 11′ 33″N 72° 11′ 23″W

Add Dangerous wreck [K28] 12° 11′ 58″N 72° 11′ 13″W
(98/12 Bogota)

24502 6Ed. 3/13/99 LAST NM 33/12 40/12
(Panel B)
Relocate Buoy “16” from
11° 00′ 56.0″N 74° 46′ 32.0″W to
11° 00′ 56.6″N 74° 46′ 33.9″W
Buoy “16A” from
11° 00′ 46.0″N 74° 46′ 24.0″W to
11° 00′ 45.2″N 74° 46′ 20.8″W
(See 19/12-24502)
(109/12 Bogota)

24512 3Ed. 9/20/97 LAST NM 30/12 40/12
Add Anchorage area “J” [N12.1] bound by purple
dashed line joining 9° 31′ 15″N 75° 36′ 10″W
9° 31′ 09″N 75° 35′ 26″W
9° 31′ 20″N 75° 35′ 22″W
9° 31′ 31″N 75° 36′ 04″W
(106/12 Bogota)

24514 1Ed. 10/7/06 LAST NM 20/12 40/12
Add “ANCHORAGE AREA J” [N12.1] bound by
dashed line joining 9° 31′ 15″N 75° 36′ 10″W
9° 31′ 09″N 75° 35′ 26″W
9° 31′ 20″N 75° 35′ 22″W
9° 31′ 31″N 75° 36′ 04″W
(106/12 Bogota)

27040 5Ed. 9/2/95 LAST NM 36/11 40/12
Delete Dangerous wreck (PA) 21° 20.2′ N 76° 37.5′ W

Add Dangerous wreck (Mast) [K25] 21° 19.7′ N 76° 38.2′ W
(9(67)12 Habana)

27041 4Ed. 6/3/95 LAST NM 37/09 40/12
Delete Dangerous wreck (PA) 21° 20′ 12″N 76° 37′ 30″W

Add Tower [E20] 21° 31′ 20″N 77° 00′ 20″W
Radio mast [E28] 21° 35′ 58″N 77° 04′ 37″W
Dangerous wreck (Mast) [K25] 21° 19′ 44″N 76° 38′ 09″W
(9(65, 67)12 Habana)

27085 66Ed. 10/4/08 LAST NM N31/12 N40/12
Substitute Depth 12 meters for 11.4 meters
23° 08′ 05.6″N 82° 20′ 27.5″W

Add Depth 11.6 meters 23° 08′ 07.0″N 82° 20′ 29.0″W
Depth 11.6 meters 23° 08′ 09.3″N 82° 20′ 29.8″W
(8(56)12 Habana)

27146 2Ed. 11/26/94 LAST NM 33/01 40/12
(Plan)
Add Beacon “5” G, can topmark 21° 55′ 02.0″N 82° 47′ 53.5″W
(8(58)12 Habana)

37120 3Ed. 3/3/07 LAST NM 38/12 40/12
Delete Buoy “Nautica Ena” 51° 18.2′ N 2° 52.9′ E
Buoy “Wenduinebank W” 51° 17.2′ N 2° 52.8′ E
(19(277)12 Oostende)

37129 7Ed. 10/2/10 LAST NM N35/12 N40/12
Delete Buoy “Nautica Ena” 51° 18.07′ N 2° 52.80′ E
Buoy “Wenduinebank W” 51° 17.23′ N 2° 52.75′ E
(19(277)12 Oostende)

★**37443** 3Ed. 7/28/12 NEW EDITION N40/12
(NGA)

★**38591** 1Ed. 7/12 NEW EDITION N40/12
(NGA)

38603 2Ed. 6/15/96 LAST NM 27/12 40/12
Add Beacon 64° 08′ 27.8″N 21° 49′ 57.6″W
Beacon 64° 08′ 19.7″N 21° 49′ 52.3″W
Beacon 64° 08′ 12.1″N 21° 49′ 47.3″W
Beacon 64° 08′ 06.2″N 21° 49′ 43.4″W
(See 17/02-38603)
(3(12)12 Reykjavik)

43030 24Ed. 4/5/97 LAST NM 32/12 40/12
Delete Depth 4.5 meters Wk 53° 59.1′ N 14° 28.2′ E
(13(274)12 Gdynia)

43140 4Ed. 10/5/96 LAST NM 36/12 40/12
Change Visibility (range) of light to 10-7M 68° 55.5′ N 17° 07.5′ E
(Nor LL)

43141 5Ed. 2/22/97 LAST NM 36/12 40/12
Change Visibility (range) of light to 5-3M
68° 56′ 45″N 16° 39′ 21″E
Light to Oc(2) WRG 8s 7m 6-4M
68° 58′ 42″N 16° 16′ 03″E
Visibility (range) of light to 7-4M
69° 01′ 26″N 16° 28′ 36″E

Range light, rear to FR 18m 3M 69° 04′ 12″N 16° 48′ 33″E
Light to QR 10m 3M 69° 03′ 54″N 16° 47′ 12″E
(Nor LL)

43142 4Ed. 1/25/97 LAST NM 36/12 40/12
Change Visibility (range) of light to 5-3M
68° 56′ 45″N 16° 39′ 21″E
Visibility (range) of light to 10-7M
68° 55′ 36″N 17° 07′ 10″E
Light to Oc(2) WRG 8s 8m 7-5M
69° 02′ 56″N 17° 00′ 48″E

Range light, rear to FR 18m 3M 69° 04′ 12″N 16° 48′ 33″E

Light to Iso WRG 6s 5m 4-3M with sectors red
243°-267° 54′, white-282° 30′, green-
291° 30′, red-016°, green-059°, white-071°,
red-121° 30,′ green-151° 69° 03′ 57″N 17° 01′ 05″E

Light to QR 10m 3M 69° 03′ 54″N 16° 47′ 12″E
(Nor LL)

43143 4Ed. 2/1/97 LAST NM 36/12 40/12
Change Range light, front to FR 8m 2M 68° 40′ 54″N 17° 07′ 18″E
Range light, rear to FR 14m 2M 68° 40′ 54″N 17° 07′ 24″E
Visibility (range) of light to 1M 68° 40′ 54″N 16° 52′ 21″E
(Nor LL)

43373 8Ed. 6/22/96 LAST NM 28/12 40/12
Change Buoy to G, conical, Fl G 3s 59° 05′ 16″N 11° 13′ 33″E

(continued on next page)

43373 (Continued)
Add Submarine pipeline [L41.1] joining
58° 55′ 46″ N 11° 10′ 20″ E
58° 55′ 42″ N 11° 10′ 06″ E
58° 55′ 21″ N 11° 10′ 10″ E
58° 55′ 13″ N 11° 10′ 18″ E

Submarine pipeline [L41.1] joining
58° 55′ 21″ N 11° 10′ 10″ E
58° 55′ 13″ N 11° 09′ 52″ E
58° 55′ 00″ N 11° 09′ 33″ E
(413(8069), 416(8073)12 Norrkoping)

43379 1Ed. 1/29/83 LAST NM 31/11 40/12
Change Light to Oc(2) WRG 13m 3-2M NAUTO 20s with sectors green 250° 12′ -009° 06′ , white-012° 06′ , red-031° 12′ , white-036° 12′ , green-119° 36′ 59° 25.72′ N 10° 39.38′ E

(Plan)
Change Light to Oc(2) WRG 8s 13m 3-2M NAUTO 20s with sectors green 250° 12′ -009° 06′ , white-012° 06′ , red-031° 12′ , white-036° 12′ , green-119° 36′ 59° 25′ 42.5″ N 10° 39′ 22.0″ E
(Nor LL)

43385 1Ed. 8/22/92 LAST NM 22/12 40/12
Delete Beacon 57° 51′ 15″ N 11° 32′ 44″ E
(413(8065)12 Norrkoping)

44015 9Ed. 10/3/09 LAST NM 38/12 40/12
Delete Racon from light 57° 03.6′ N 24° 01.3′ E
Note: Purple circle remains

Add Legend “AIS” to light 57° 03.6′ N 24° 01.3′ E
(1(5, 20), 7(167)12 Riga)

44041 8Ed. 2/11/12 LAST NM N28/12 N40/12
Delete Beacon 57° 51′ 15″ N 11° 32′ 44″ E

Add Pilot station symbol [T1.1] 57° 40′ 12″ N 11° 47′ 36″ E
(413(8065), 416(8141)12 Norrkoping)

44042 8Ed. 3/17/07 LAST NM N28/12 N40/12
Add Pilot station symbol [T1.1] 57° 40′ 12″ N 11° 47′ 36″ E
(416(8141)12 Norrkoping)

44048 12Ed. 11/1/08 LAST NM N33/12 N40/12
Delete Dangerous wreck 56° 00′ 05″ N 12° 43′ 26″ E

Add Dangerous wreck [K28] 56° 00′ 05″ N 12° 43′ 15″ E
(413(8100)12 Norrkoping)

44054 1Ed. 5/9/09 LAST NM N22/12 N40/12
Delete Dangerous wreck 56° 00′ 04.9″ N 12° 43′ 26.5″ E

Add Dangerous wreck [K28] 56° 00′ 04.8″ N 12° 43′ 14.8″ E
(413(8100)12 Norrkoping)

★**44057** 6Ed. 6/23/12 NEW EDITION N40/12
(NGA)

44082 11Ed. 12/16/95 LAST NM 38/12 40/12
Delete Depth 11.3 meters Wk (PA) 54° 07′ 08″ N 14° 33′ 53″ E
Depth 4.5 meters Wk 53° 59′ 06″ N 14° 28′ 45″ E
Danger circle “Obstn” 53° 57′ 49″ N 14° 21′ 35″ E
Dangerous wreck 54° 00′ 55″ N 14° 19′ 47″ E
Danger circle “Foul” 53° 57′ 06″ N 14° 16′ 13″ E

Substitute Danger circle “Obstn” [K40] for dangerous wreck 54° 05′ 19″ N 14° 33′ 23″ E
(13(272-276)12 Gdynia)

44083 8Ed. 4/6/96 LAST NM 39/12 40/12
Delete Depth 4.5 meters Wk 53° 59′ 07″ N 14° 28′ 12″ E
Danger circle “Obstr” 53° 57′ 49″ N 14° 21′ 35″ E
Dangerous wreck 54° 00′ 55″ N 14° 19′ 47″ E
Danger circle “Foul” 53° 57′ 06″ N 14° 16′ 13″ E
(13(274-276)12 Gdynia)

44084 1Ed. 8/25/90 LAST NM 38/12 40/12
Add Light Fl G 4s 53° 26′ 22″ N 14° 34′ 56″ E
(13(277)12 Gdynia)

44105 2Ed. 1/29/94 LAST NM 9/11 40/12
Delete Beacon 56° 06′ 39″ N 14° 58′ 20″ E
Buoy 56° 07′ 34″ N 14° 51′ 29″ E
Beacon 56° 08′ 22″ N 14° 51′ 20″ E
Beacon 56° 08′ 26″ N 14° 51′ 26″ E
(413(8078)12 Norrkoping)

44120 8Ed. 2/27/10 LAST NM 39/12 40/12
Delete Depth 11.3 meters Wk (PA) 54° 07.1′ N 14° 33.9′ E
Depth 4.5 meters Wk 53° 59.1′ N 14° 28.2′ E
Danger circle “Obstn” 53° 57.8′ N 14° 21.6′ E
Dangerous wreck 54° 00.9′ N 14° 19.8′ E

Substitute Danger circle “Obstn” [K40] for dangerous wreck 54° 05.3′ N 14° 33.4′ E
(13(272-275)12 Gdynia)

44160 8Ed. 9/18/10 LAST NM 27/12 40/12
Add Buoy (mooring) [Q40] Fl Y 3s 56° 56.2′ N 16° 57.3′ E
Buoy (mooring) [Q40] Fl Y 3s 56° 57.4′ N 16° 58.9′ E
(413(8074)12 Norrkoping)

44179 2Ed. 5/25/96 LAST NM 39/12 40/12
Add Depth 6.8 meters 59° 04′ 47″ N 18° 21′ 41″ E
and extend depth contour (10-meter) and blue tint SE to enclose
(413(7948)12 Norrkoping)

44182 5Ed. 7/18/09 LAST NM N27/12 N40/12
Add Buoy (mooring) [Q41] Y, pillar, Fl Y 3s
59° 19′ 17.7″ N 18° 10′ 09.6″ E
Buoy (mooring) [Q41] Y, pillar, Fl Y 3s
59° 19′ 18.6″ N 18° 10′ 18.6″ E
(416(8131)12 Norrkoping)

44184 10Ed. 12/25/10 LAST NM N38/12 N40/12
Add Submarine cable (power) [L31.1] joining
59° 23′ 25.8″ N 18° 38′ 18.0″ E
59° 23′ 01.0″ N 18° 37′ 53.0″ E
59° 22′ 49.8″ N 18° 38′ 01.2″ E
59° 22′ 45.0″ N 18° 37′ 12.6″ E

Submarine cable (power) [L31.1] between
59° 22′ 34.2″ N 18° 37′ 06.0″ E
59° 22′ 10.2″ N 18° 37′ 16.2″ E
(413(8071)12 Norrkoping)

44186 2Ed. 6/15/96 LAST NM 27/12 40/12
Add Dangerous submerged rock [K13]
59° 27′ 15″ N 18° 55′ 44″ E
(413(8102)12 Norrkoping)

44240 8Ed. 7/19/97 LAST NM 39/12 40/12
Change Buoy to G, spar, cone topmark 63° 27.0′ N 20° 38.3′ E

Buoy to G, pillar, cone topmark, Fl G 3s
63° 25.2′ N 20° 35.7′ E
Buoy to G, pillar, cone topmark, Fl G
63° 16.1′ N 20° 48.1′ E

Buoy to BY, spar, double cone topmark points upward, VQ 63° 36.6′ N 21° 49.1′ E
(17(174, 175)12 Helsinki)

44280 10Ed. 12/3/11 LAST NM 35/12 40/12
Add Depth 26 meters 65° 11.2′ N 24° 14.3′ E
(4(39)12 Helsinki)

44340 12Ed. 2/2/08 LAST NM 37/12 40/12
Substitute Depth 46 meters Wk [K26] for wreck
59° 32.4′ N 24° 41.6′ E

Change Range light, rear to Oc(2) 15s 68m 12M
59° 27.8′ N 24° 22.8′ E

(continued on next page)

44340 (Continued)

	Height of light to 38m	59° 36.9′ N 25° 02.4′ E
Add	Height 21m to light	59° 35.7′ N 25° 06.0′ E
	Depth 10.1 meters Rk [K14.2]	59° 36.4′ N 24° 35.2′ E
	Depth 27 meters Wk [K26]	59° 30.1′ N 24° 38.3′ E
	Depth 32 meters Wk [K26]	59° 30.2′ N 24° 37.3′ E
	Depth 41 meters Wk [K26]	59° 31.6′ N 24° 44.0′ E
	Depth 37 meters Wk [K26]	59° 31.7′ N 24° 44.8′ E
	Depth 45 meters Wk [K26]	59° 32.4′ N 24° 43.1′ E
	Depth 60 meters Wk [K26]	59° 33.5′ N 24° 40.8′ E
	Depth 81 meters Wk [K26]	59° 37.1′ N 24° 45.9′ E
	Depth 72 meters Wk [K26]	59° 40.2′ N 24° 37.8′ E
	Depth 87 meters Wk [K26]	59° 40.8′ N 24° 47.1′ E
	Depth 93 meters Wk [K26]	59° 40.8′ N 24° 59.2′ E
	Depth 3.8 meters Obstn [K41]	59° 42.6′ N 24° 44.6′ E
	Depth 82 meters Wk [K26]	59° 42.7′ N 24° 40.1′ E
	Depth 81 meters Wk [K26]	59° 43.0′ N 24° 49.8′ E
	Depth 63 meters Wk [K26]	59° 43.9′ N 25° 08.3′ E
	Depth 79 meters Wk [K26]	59° 44.6′ N 25° 04.4′ E
	Depth 78 meters Wk [K26]	59° 45.3′ N 24° 41.6′ E
	Depth 73 meters Wk [K26]	59° 45.8′ N 24° 49.3′ E
	Depth 74 meters Wk [K26]	59° 46.3′ N 24° 41.6′ E
	Depth 60 meters Wk [K26]	59° 46.5′ N 24° 50.6′ E
	Depth 72 meters Wk [K26]	59° 47.3′ N 25° 02.5′ E
	Depth 70 meters Wk [K26]	59° 47.6′ N 25° 00.5′ E
	Depth 70 meters Wk [K26]	59° 49.5′ N 24° 52.9′ E
	Depth 62 meters Wk [K26]	59° 49.7′ N 25° 06.6′ E
	Depth 59 meters Wk [K26]	59° 52.2′ N 25° 08.9′ E
	Dangerous wreck [K28]	59° 34.3′ N 24° 37.6′ E
	Dangerous wreck [K28]	59° 36.2′ N 24° 43.5′ E

(8(112, 114)12 Tallinn; UKHO LL)

44341 7Ed. 10/17/98 LAST NM 32/12 40/12

Add	Depth 59 meters Wk [K26]	59° 52′ 11″ N 25° 08′ 51″ E
	Depth 62 meters Wk [K26]	59° 49′ 44″ N 25° 06′ 34″ E
	Depth 70 meters Wk [K26]	59° 49′ 30″ N 24° 52′ 52″ E

(8(112)12 Tallinn)

44352 3Ed. 3/10/07 LAST NM N37/12 N40/12

Delete	Depth 48 meters Wk	59° 34′ 14″ N 24° 39′ 57″ E
	Depth 36 meters	59° 36′ 48″ N 25° 05′ 39″ E
	Depth 2.5 meters R	59° 42′ 34″ N 24° 44′ 40″ E
Substitute	Depth 10.2 meters R [K14.2] for 10.1 meters Wk	59° 36′ 23″ N 24° 35′ 14″ E
	Depth 82 meters Wk [K26] for 82 meters	59° 42′ 44″ N 24° 40′ 08″ E
	Depth 44.5 meters Wk [K26] for 43 meters Wk	59° 32′ 26″ N 24° 43′ 05″ E
	Depth 37.5 meters Wk [K26] for 40.5 meters Wk	59° 31′ 40″ N 24° 44′ 45″ E
	Depth 41 meters Wk [K26] for 41.5 meters Wk	59° 31′ 33″ N 24° 44′ 02″ E
	Depth 4.1 meters Wk [K26] for 3.8 meters R	59° 28′ 37″ N 24° 40′ 10″ E
Change	Range light, rear to Oc(2) 15s 68m 12M	59° 27′ 48″ N 24° 22′ 50″ E
	Height of light to 20m	59° 32′ 27″ N 24° 33′ 51″ E
	Visible sectors of range light, rear to 154° 30′ - 163° 30′ , 139° -187° 30′	59° 25′ 41″ N 24° 48′ 39″ E
	Height of range light, front to 42m	59° 30′ 54″ N 24° 48′ 56″ E
	Characteristic of light to Q(3) R 4.5s	59° 29′ 45″ N 24° 48′ 02″ E
	Height of range light, front to 4m	59° 38′ 14″ N 25° 00′ 46″ E
	Height of light to 38m	59° 36′ 55″ N 25° 02′ 14″ E
	Height of light to 21m	59° 35′ 43″ N 25° 05′ 54″ E
Add	Legend “Wk” at dotted-line circle with depth 60 meters	59° 33′ 28″ N 24° 40′ 46″ E
	Depth 26.5 meters Wk [K26]	59° 30′ 04″ N 24° 38′ 18″ E
	Depth 21.5 meters Wk [K26]	59° 30′ 23″ N 24° 42′ 11″ E
	Depth 87 meters Wk [K26]	59° 40′ 46″ N 24° 47′ 03″ E
	Depth 93 meters Wk [K26]	59° 40′ 46″ N 24° 59′ 13″ E
	Dangerous wreck [K28]	59° 34′ 20″ N 24° 37′ 35″ E
	Dangerous wreck [K28]	59° 36′ 13″ N 24° 43′ 27″ E
	Depth 3.8 meters Obstn [K41]	59° 42′ 36″ N 24° 44′ 35″ E

(8(112, 114)12 Tallinn; UKHO LL)

44400 5Ed. 1/23/10 LAST NM 37/12 40/12

Delete	Buoy	57° 19.2′ N 24° 21.6′ E
	Buoy	57° 31.5′ N 22° 49.8′ E
	Racon from light	57° 03.6′ N 24° 01.3′ E
	Note: Purple circle remains (See 6/12-44400)	
Substitute	Light 2 Iso R 3s 8M for light and sectors	57° 20.1′ N 23° 08.0′ E
Add	Legend “Sorgu madal”	58° 07.3′ N 24° 14.1′ E

(7(163, 167, 171, 173, 178)12 Riga; 8(121)12 Tallinn)

44401 9Ed. 11/26/11 LAST NM N28/12 N40/12

Delete	Buoy “8”	57° 02′ 34.8″ N 24° 04′ 12.6″ E
	Buoy	57° 01′ 24.1″ N 23° 55′ 38.4″ E
	Dashed line (overhead power cable) and vertical clearance 52 meters in vicinity	57° 01′ 06.4″ N 24° 05′ 18.5″ E
	Racon from light	57° 03′ 34.0″ N 24° 01′ 18.0″ E
	Note: Purple circle remains (See N6/12-44401)	
Add	Buoy R, pillar, Fl(2) R 3s	57° 03′ 10.2″ N 24° 01′ 44.4″ E
	Buoy RW, pillar, L Fl 10s	57° 01′ 30.0″ N 23° 55′ 38.4″ E

(7(167-170)12 Riga; NTM0034/2009)

44430 3Ed. 5/15/10 LAST NM 17/12 40/12

Delete	Purple dashed-line circle centered	55° 47.0′ N 20° 56.0′ E
	Note: Legend “Spoil Ground” remains	
Add	Purple dashed-line area (spoil ground limit) [N62.1] joining	55° 48.0′ N 20° 57.0′ E
		55° 46.0′ N 20° 57.0′ E
		55° 46.0′ N 20° 55.0′ E
		55° 48.0′ N 20° 55.0′ E
	“Explosives Dumping Ground” area [N23.1] bound by purple composite line joining	55° 33.0′ N 21° 03.0′ E
		55° 28.0′ N 21° 03.0′ E
		55° 28.0′ N 20° 57.0′ E
		55° 33.0′ N 20° 57.0′ E

(1(23), 2(44)12 Klaipeda)

44442 1Ed. 6/27/09 LAST NM N44/11 N40/12

Relocate	Buoy “3” from 56° 31′ 55.1″ N 20° 56′ 54.0″ E to	56° 31′ 49.8″ N 20° 56′ 18.6″ E
	Buoy “4” from 56° 32′ 01.2″ N 20° 56′ 46.0″ E to	56° 31′ 54.6″ N 20° 56′ 15.6″ E
Add	Buoy BRB, pillar, double ball topmark [Q130.4]	56° 31′ 53.4″ N 20° 54′ 06.6″ E
	Buoy “No 5” G, pillar, Fl G 3s	56° 31′ 54.0″ N 20° 56′ 48.6″ E
	Buoy “No 6” R, pillar, Fl R 3s	56° 32′ 01.2″ N 20° 56′ 45.0″ E

(7(180-185)12 Riga)

44443 1Ed. 8/1/09 LAST NM N6/12 N40/12

Delete	Buoy “No 3”	56° 31′ 55.7″ N 20° 56′ 52.8″ E
	Buoy “No 11”	56° 31′ 31.2″ N 20° 58′ 40.8″ E
Change	Designation of buoy “No 4” to “No 6”	56° 32′ 01.4″ N 20° 56′ 45.1″ E
	Designation of buoy “No 7” to “No 9”	56° 32′ 06.0″ N 20° 58′ 24.4″ E
	Designation of buoy “No 9” to “No 11”	56° 31′ 52.2″ N 20° 58′ 30.0″ E
Add	Buoy “No 5” G, pillar, Fl G 3s	56° 31′ 54.0″ N 20° 56′ 48.6″ E
	Buoy “No 7” G, pillar, Fl G 3s	56° 32′ 12.0″ N 20° 58′ 14.4″ E
	Buoy “No 10” R, pillar, Fl R 3s	56° 31′ 55.8″ N 20° 58′ 37.2″ E
	Buoy “No 13” G, pillar, Fl G 3s	56° 31′ 34.8″ N 20° 58′ 25.8″ E
	Buoy “No 14” R, pillar, Fl R 3s	56° 31′ 34.2″ N 20° 59′ 02.4″ E

(continued on next page)

44443 (Continued)
Buoy "No 15" G, pillar, Fl G 3s
56° 31′ 25.8″N 20° 58′ 40.2″E
Buoy YBY, pillar, Q(9) 15s [Q130.3]
56° 31′ 31.8″N 20° 58′ 45.6″E
(7(181, 183, 185, 187-195)12 Riga)

44446 1Ed. 6/13/09 LAST NM N5/12 N40/12
Delete Purple dashed-line circle centered
55° 46′ 01.0″N 20° 55′ 45.0″E
Note: Legend "Spoil...NO 2" remains

Purple dashed-line area joining
55° 39′ 21.0″N 20° 48′ 31.8″E
55° 39′ 30.0″N 20° 49′ 12.0″E
55° 38′ 52.8″N 20° 49′ 40.5″E
Note: Legend "Spoil...NO 2" remains

Add Purple dashed-line area (spoil ground limit)
[N62.1] joining 55° 48′ 00.0″N 20° 57′ 00.0″E
55° 46′ 00.0″N 20° 57′ 00.0″E
55° 46′ 00.0″N 20° 55′ 00.0″E
55° 48′ 00.0″N 20° 55′ 00.0″E

Purple dashed-line area (spoil ground limit)
[N62.1] joining 55° 39′ 20.0″N 20° 48′ 31.8″E
55° 39′ 30.0″N 20° 49′ 18.0″E
55° 38′ 52.8″N 20° 49′ 42.5″E

(Plan A)
Delete Buoy 55° 41′ 09.4″N 21° 08′ 11.5″E

Relocate Buoy "No 9" from
55° 43′ 07.2″N 21° 06′ 18.6″E to
55° 43′ 07.4″N 21° 06′ 16.7″E

(Plan B)
Delete Buoy 55° 41′ 09.4″N 21° 08′ 11.5″E
(1(4, 13, 23)12 Klaipeda)

44461 10Ed. 1/11/97 LAST NM 32/12 40/12
Delete Depth 10.6 meters Obstn 54° 29.2′ N 18° 36.3′ E
(11(232)12 Gdynia)

44463 10Ed. 4/16/11 LAST NM N38/12 N40/12
Delete Depth 10.6 meters Obstn 54° 29.18′ N 18° 36.34′ E
(11(232)12 Gdynia)

44465 3Ed. 3/26/11 LAST NM N38/12 N40/12
Delete Depth 10.6 meters Obstn 54° 29.18′ N 18° 36.34′ E
(11(232)12 Gdynia)

51100 7Ed. 10/22/94 LAST NM 37/12 40/12
Delete Wreck 42° 05.6′ N 9° 11.6′ W

Add Wreck [K29] 42° 07.5′ N 9° 29.4′ W
(2(132)12 Lisboa)

51120 6Ed. 10/1/94 LAST NM 8/12 40/12
Add Buoy "ODAS CSA 88/1" [Q58], spherical,
Fl(5) Y 20s 39° 31′ 00″N 9° 38′ 12″W

"Marine Nature Reserve" area [N22] bound by
purple composite line joining 39° 23′ 54″N 9° 34′ 06″W
39° 23′ 54″N 9° 28′ 06″W
39° 29′ 54″N 9° 28′ 06″W
39° 29′ 54″N 9° 34′ 06″W
(2(131, 133)12 Lisboa)

51143 5Ed. 7/17/10 LAST NM N25/12 N40/12
Add Drying height [I15] 0.3 meter, drying tint and
enclosing depth contour (0-meter) centered
38° 39′ 31.8″N 9° 16′ 03.0″W
(2(136)12 Lisboa)

51144 4Ed. 8/7/10 LAST NM N8/12 N40/12
Add Marina symbol [U1.1] 38° 42′ 06.0″N 9° 09′ 55.9″W
(2(141)12 Lisboa)

51153 1Ed. 10/17/09 LAST NM N51/10 N40/12
Change Characteristic of buoy "No 3" to Fl(3) G 9s
37° 07′ 51.6″N 8° 31′ 54.0″W
(2(143)12 Lisboa)

51160 21Ed. 12/3/05 LAST NM 16/12 40/12
Add Submarine cable [L30.1] joining 36° 10.5′ N 6° 21.4′ W
36° 04.3′ N 6° 39.9′ W
36° 00.8′ N 6° 45.8′ W
35° 55.6′ N 6° 50.5′ W
35° 49.3′ N 6° 53.3′ W
35° 42.7′ N 6° 59.6′ W
35° 40.1′ N 7° 02.5′ W
(2(134)12 Lisboa)

51164 18Ed. 2/5/00 LAST NM 16/12 40/12
Delete AERO RC 36° 38′ 33″N 6° 19′ 01″W
(2(131)12 Lisboa)

52085 3Ed. 3/2/96 LAST NM 6/12 40/12
Delete Buoy and legend "ODAS" 39° 28′ 25″N 0° 16′ 47″W
(Spn CH 4811)

62090 7Ed. 1/16/99 LAST NM 30/12 40/12
Add Submarine cable [L30.1] joining 11° 36.9′ N 43° 14.6′ E
11° 37.9′ N 43° 15.9′ E
11° 37.8′ N 43° 17.2′ E
11° 42.2′ N 43° 20.9′ E
(34(4166)10 Taunton)

62092 7Ed. 12/23/95 LAST NM 30/12 40/12
Add Submarine cable [L30.1] joining 11° 36′ 54″N 43° 14′ 36″E
11° 37′ 54″N 43° 15′ 52″E
11° 37′ 49″N 43° 17′ 09″E
11° 42′ 13″N 43° 20′ 53″E
(34(4166)10 Taunton)

63050 3Ed. 2/4/12 LAST NM 39/12 40/12
Add Buoy (mooring) SPM [Q41] Mo(U) 15s Siren
24° 56.9′ N 66° 34.9′ E

Submarine pipeline [L40.1] between 24° 56.9′ N 66° 34.9′ E
24° 55.6′ N 66° 40.9′ E
(23(65), 25(73)12 Karachi)

63053 5Ed. 2/18/06 LAST NM 39/12 40/12
Delete "A Spoil Ground" area in vicinity
24° 44′ 35″N 67° 00′ 39″E

Add "A Spoil Ground" area [N62.1] bound by
dashed line joining 24° 45′ 12″N 66° 53′ 42″E
24° 45′ 12″N 66° 55′ 00″E
24° 44′ 12″N 66° 55′ 00″E
24° 44′ 12″N 66° 53′ 42″E

Depth 3.7 meters enclosed by depth contour
(5-meter) centered 24° 46′ 15″N 66° 59′ 49″E

Depth 7 meters, blue tint and enclosing
depth contour (10-meter) centered
24° 46′ 52″N 66° 57′ 35″E
Depth 8.4 meters, blue tint and enclosing
depth contour (10-meter) centered
24° 46′ 49″N 66° 57′ 59″E
(34(94)10, 23(66)12 Karachi)

63054 3Ed. 11/17/01 LAST NM 37/12 40/12
Delete "Spoil Ground A" area in vicinity
24° 44′ 33.9″N 67° 00′ 38.8″E

Add "Spoil Ground A" area [N62.1] bound by
dashed line joining 24° 45′ 12.0″N 66° 54′ 20.6″E
24° 45′ 12.0″N 66° 55′ 00.0″E
24° 44′ 12.0″N 66° 55′ 00.0″E
24° 44′ 12.0″N 66° 54′ 20.6″E
Note: Area extends beyond chart border

Depth 8.4 meters 24° 46′ 43.2″N 66° 58′ 58.7″E
Depth 5.6 meters 24° 46′ 31.4″N 66° 59′ 22.4″E
Depth 5.5 meters 24° 46′ 05.1″N 66° 59′ 21.5″E

(continued on next page)

63054 (Continued)
Depth 1.7 meters enclosed by depth contour (2-meter) centered 24° 47′ 20.8″N 66° 59′ 58.6″E
Depth 7 meters enclosed by depth contour (10-meter) centered 24° 46′ 51.8″N 66° 57′ 35.5″E
Depth 8.4 meters enclosed by depth contour (10-meter) centered 24° 46′ 48.7″N 66° 57′ 58.9″E
Depth 8.5 meters enclosed by depth contour (10-meter) centered 24° 46′ 48.4″N 66° 57′ 26.0″E

Depth 3.7 meters, blue tint and enclosing depth contour (5-meter) centered 24° 46′ 15.2″N 66° 59′ 49.4″E
(34(94)10, 23(66)12 Karachi)

63060 8Ed. 2/4/12 LAST NM 39/12 40/12
Add Buoy (mooring) SPM [Q41] Mo(U) 15s Siren 24° 56.9′ N 66° 34.9′ E

Submarine pipeline [L40.1] between 24° 56.9′ N 66° 34.9′ E
24° 55.6′ N 66° 40.9′ E
(23(65), 25(73)12 Karachi)

76030 9Ed. 5/15/99 LAST NM 10/12 40/12
Add Danger circle [K1] "Volcanic Activity (2012)" 30° 57′ S 179° 08′ W
(19(157)12 Wellington)

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

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

93610 3Ed. 5/18/96 LAST NM 5/12 40/12
Add Light Fl(2) 6s 23m 5M 20° 14′ 21″N 110° 10′ 44″E
(2(55)12 Tianjin)

93650 2Ed. 11/4/95 LAST NM 30/12 40/12
Add Light Fl(2) 6s 23m 5M 20° 14.4′ N 110° 10.7′ E
(2(55)12 Tianjin)

93690 3Ed. 4/21/07 LAST NM 16/11 40/12
Add Light Fl(2) 6s 23m 5M 20° 14.4′ N 110° 10.7′ E
(2(55)12 Tianjin)

93720 11Ed. 7/7/07 LAST NM 37/12 40/12
Add Dangerous wreck [K28] "Rep (2012)" (PA) 22° 06.6′ N 114° 16.3′ E
(19(54)12 Hong Kong)

93721 6Ed. 4/26/08 LAST NM N37/12 N40/12
Add Buoy "Weather 9" Y, pillar, QY 22° 11′ 47″N 114° 02′ 03″E
(19(55)12 Hong Kong)

93730 4Ed. 2/3/07 LAST NM 39/12 40/12
Add Dangerous wreck [K28] "Rep (2012)" (PA) 22° 06.6′ N 114° 16.3′ E
(19(54)12 Hong Kong)

93733 14Ed. 1/19/08 LAST NM N34/12 N40/12
Add Dangerous wreck [K28] "Rep (2012)" (PA) 22° 06′ 36″N 114° 16′ 18″E
Buoy "Weather 9" Y, pillar, QY 22° 11′ 47″N 114° 02′ 03″E
(19(54, 55)12 Hong Kong)

94280 6Ed. 9/4/10 LAST NM N22/12 N40/12
Add Light FR 12m 8M 35° 35.9′ N 119° 47.7′ E
(2(43)12 Tianjin)

94281 7Ed. 5/12/07 LAST NM N31/12 N40/12
Add Buoy "No 44" R, pillar, can topmark, Fl R 4s 34° 44′ 32.9″N 119° 28′ 22.1″E
(2(44)12 Tianjin)

94282 9Ed. 6/6/98 LAST NM 32/11 40/12
Delete Depth 16 meters 35° 57′ 12″N 120° 22′ 06″E
Depth 16 meters 35° 57′ 24″N 120° 22′ 06″E
(21(681)11 Tianjin)

94290 3Ed. 1/15/11 LAST NM 18/11 40/12
Delete Depth 16 meters and enclosing dotted-line circle centered 35° 57.2′ N 120° 22.2′ E
(21(681)11 Tianjin)

94421 11Ed. 11/18/06 LAST NM 40/11 40/12
Delete Depth 20 meters, danger circle and legend "Obstn (PA)" 38° 47′ 27″N 121° 25′ 32″E

Substitute Depth 17.4 meters for 17.6 meters 38° 48′ 24″N 121° 23′ 16″E

Depth 48 meters Wk [K26] for 44 meters Wk 38° 46′ 52″N 121° 30′ 01″E
(21(677-679)11 Tianjin)

94427 2Ed. 6/23/90 LAST NM N7/11 N40/12
(Panel A)
Add Depth 48 meters Wk [K26] 38° 46′ 52.1″N 121° 30′ 01.2″E
(21(679)11 Tianjin)

Chart 11339 (Inset) NM 40/12

CALCASIEU PASS AND RIVER

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUL 2012

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW GULF (MLG)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLG (FEET)
BAR CHANNEL	37.9	40.5	39.2	31.5	5-12	800	26.3	42
JETTY CHANNEL TO (29°46'00.0"N, 93°20'43.0"W)	46.8	46.5	46.3	44.5	5, 6-12	400	1.3	40
THENCE TO A POINT (29°52'00.0"N, 93°20'43.0"W)	34.0	38.2	39.9	36.7	6-12	400	6.0	40
THENCE TO A POINT (29°58'00.0"N, 93°20'10.0"W)	28.0	35.6	37.0	28.7	6-12	400	6.0	40
THENCE TO A POINT (30°04'00.0"N, 93°19'38.0"W)	32.9	34.7	35.8	31.8	6-12	400	6.0	40
THENCE TO A POINT (30°09'03.0"N, 93°19'57.0"W)	33.1	38.0	36.9	22.5	6-12	400	5.2	40
THENCE TO 210 BRIDGE	34.9	37.4	38.3	31.7	6-12	400	4.4	40
THENCE TO END OF 400 CHANNEL (30°13'08.0"N, 93°15'12.0"W)	33.6	39.5	38.0	33.4	7-12	400	2.1	40

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

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

Chart 11344 NM 40/12

CALCASIEU PASS AND RIVER

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUL 2012

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW GULF (MLG)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLG (FEET)
BAR CHANNEL	37.9	40.5	39.2	31.5	5-12	800	26.3	42
JETTY CHANNEL TO (29°46'00.0"N, 93°20'43.0"W)	46.8	46.5	46.3	44.5	5, 6-12	400	1.3	40
THENCE TO A POINT (29°52'00.0"N, 93°20'43.0"W)	34.0	38.2	39.9	36.7	6-12	400	6.0	40

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

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

Chart 11347 (Side A) NM 40/12

CALCASIEU PASS AND RIVER

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUL 2012

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW GULF (MLG)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLG (FEET)
BAR CHANNEL	37.9	40.5	39.2	31.5	5-12	800	26.3	42
JETTY CHANNEL TO (29°46'00.0"N, 93°20'43.0"W)	46.8	46.5	46.3	44.5	5, 6-12	400	1.3	40
THENCE TO A POINT (29°52'00.0"N, 93°20'43.0"W)	34.0	38.2	39.9	36.7	6-12	400	6.0	40
THENCE TO A POINT (29°58'00.0"N, 93°20'10.0"W)	28.0	35.6	37.0	28.7	6-12	400	6.0	40
THENCE TO A POINT (30°04'00.0"N, 93°19'38.0"W)	32.9	34.7	35.8	31.8	6-12	400	6.0	40
THENCE TO A POINT (30°09'03.0"N, 93°19'57.0"W)	33.1	38.0	36.9	22.5	6-12	400	5.2	40
THENCE TO 210 BRIDGE	34.9	37.4	38.3	31.7	6-12	400	4.4	40
THENCE TO END OF 400 CHANNEL (30°13'08.0"N, 93°15'12.0"W)	33.6	39.5	38.0	33.4	7-12	400	2.1	40

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

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

Chart 11347 (Side B, Inset) NM 40/12

CALCASIEU PASS AND RIVER

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUL 2012

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW GULF (MLG)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLG (FEET)
BAR CHANNEL	37.9	40.5	39.2	31.5	5-12	800	26.3	42
JETTY CHANNEL TO (29°46'00.0"N, 93°20'43.0"W)	46.8	46.5	46.3	44.5	5, 6-12	400	1.3	40
THENCE TO A POINT (29°52'00.0"N, 93°20'43.0"W)	34.0	38.2	39.9	36.7	6-12	400	6.0	40
THENCE TO A POINT (29°58'00.0"N, 93°20'10.0"W)	28.0	35.6	37.0	28.7	6-12	400	6.0	40
THENCE TO A POINT (30°04'00.0"N, 93°19'38.0"W)	32.9	34.7	35.8	31.8	6-12	400	6.0	40
THENCE TO A POINT (30°09'03.0"N, 93°19'57.0"W)	33.1	38.0	36.9	22.5	6-12	400	5.2	40
THENCE TO 210 BRIDGE	34.9	37.4	38.3	31.7	6-12	400	4.4	40
THENCE TO END OF 400 CHANNEL (30°13'08.0"N, 93°15'12.0"W)	33.6	39.5	38.0	33.4	7-12	400	2.1	40

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

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

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 52/11 THROUGH NM 40/12

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	8/12
14	4	8/12
20	3	26/12
22	1	26/12
50	7	27/12
52	1	2/12
62	3	39/12
71	4	11/12
72	4	11/12
101	3	26/12
103	5	8/12
120	6	30/12
124	10	30/12
145	16	27,30/12
200	3	8,20,25,26,32,34/12
201	2	4,26/12
211	5	8,25/12
301	1	4,8,13/12
302	1	13/12
310	20	4/12
400	3	30,35/12
401	5	35/12
402	4	8,30/12
411	53	9,10,14,17,35,38/12
501	13	52/11;3,7,10,27,38/12
502	2	38/12
503	4	8/12
505	2	31/12
506	2	12,14/12
507	2	12/12
510	3	12/12
513	7	26/12
514	7	12/12
520	127	27/12
522	87	12/12
523	8	12/12
524	12	2,12/12
525	3	12,14/12
526	10	2,12,29/12
530	33	7,20,27,34,38/12
531	24	3,13,35,37/12
532	17	26/12
600	5	40/12
602	6	29/12
603	6	2,27/12
604	5	2/12
605	4	40/12
608	2	13,27/12
622	9	2,29,40/12
623	9	27,29/12
704	1	11,31/12
705	3	11/12
800	4	12,26/12
805	1	N38/12*
1113A		6,34,38/12
1114A		23,35,37/12
1115A		8,9,11,13,16,18,20,23,26, 27,29,30,34,35,38,39/12
1116A		29*,30,31,32,34,35,37, 38,40/12
1117A		52,53/11;8,9,12,16,22,27, 34/12
11004	8	53/11;7,8,9,11,17,18,20, 21,22,26,30,32,38/12
11006	33	8,18,23,26,27,29,31,35, 38,39/12
11009	39	5,26/12
11013	48	14*,35,38/12
11299	1	N36/12
11300	43	52,53/11;8,9,12,16,22,27, 34/12
11301	25	35,36/12
11302	33	35,36/12
11304	14	22/12*
11305	2	N3,N22,N26,N36/12
11307	38	34/12
11308	24	3,36/12
11309	41	22*,26,34,36/12
11310	2	N22,N26,N36/12
11311	24	22,26,36/12
11312	5	3,22,26,34,36/12
11316	42	16,19,36/12
11317	32	16,36/12
11318	2	N3,N22,N26,N36/12
11319	33	16/12
11320	1	N34/12
11321	30	6,32,37/12
11322	33	27*,37/12
11323	64	23*,26,27,29,37/12
11324	37	7,9,13,16,22,26,27,29,32, 34,37/12
11325	39	7,9,13,16,26,29/12
11326	38	8*,11,16,17,18,27,29,34, 35,37/12
11327	35	9,11,13,16,26,27,29,30, 32,37/12
11328	26	8,9,11,13,16,17,18,26,27, 29,32,37/12
11329	38	7,9,13,16,17,18,26,29,34, 35/12
11330	21	52,53/11;6,9,11,16,20,22, 26,30,34,35/12
11331	21	34/12
11332	32	14*,17,19,20,27,35,37/12
11339	3	2,9,11,14,19,23,27,34,35, 40/12
11340	76	29*,30,31,32,34,35,37, 38,40/12
11341	43	11,12,13,14,17,19,20,26, 34,35,37/12
11342	54	11,12,13,17,22,23,26,29, 34,37/12
11343	38	17,22,26,32,34,37/12
11344	39	14*,19,23,26,27,29,30, 34,35,40/12
11345	35	22*,30/12
11346	4	29*,30,34,35/12
11347	39	2,9,11,14,19,23,27,34,35, 40/12
11348	22	2,19,30,40/12
11349	44	2,11,23,26/12
11350	28	33/12*
11351	43	18*,21,34/12
11352	42	38/12*
11353	6	53/11;11,14,19,21,26,30, 35/12
11356	39	32*,34,37,38,40/12
11357	42	31*,34,35,37,40/12
11358	57	36/12*
11359	14	16,18,21,34/12
11360	44	8,9,11,13,16,18,20,23,26, 27,29,30,34,35,38,39/12
11361	76	52,53/11;1,11,13,14,16, 18,34,38/12
11362	5	N8,N9,N11,N13,N16, N18,N20,N23,N26,N27, N29,N30,N34,N35,N38, N39/12
11363	43	53/11;11,14,19,21,26,30, 35,38/12
11364	44	10*,14,19,20,26,27,30/12
11365	22	30,31/12
11366	14	3,8,9,11,13,14,16,18,20, 23,26,27,29,30,31,34,35, 38/12
11367	36	53/11;18,20,22,23,26/12
11368	25	11*,18,20,22,23/12
11369	48	37/12*
11370	28	10*,12,16,20,23,26,27, 34,35,37/12
11371	40	18/12*
11372	34	17,19/12
11373	49	1,3,6,8,9,11,16,17,19,22, 23,26,28/12
11374	36	14*,16,17,22,26,28/12
11375	38	11*,16,17,22,26,28/12
11376	55	53/11;1,13,16,21,22,27, 31,34,37/12
11377	9	53/11;1,13,16,21,27/12
11378	37	1,3,12,13,16,19,27,28,29, 32,34,35,39/12
11380	2	53/11;13,21,27/12
11382	41	3,19,23,28,29,34,35, 39/12
11383	52	3,12,19,27,28,32,34,35, 39/12
11384	36	3,12,19,28,32,34,35, 39/12
11385	27	8/12
11388	18	33/12*
11389	34	23,34/12
11390	24	17/12
11391	24	17/12
11393	21	23,34/12
11400	36	23,35,37/12
11401	30	23/12
11404	23	35/12
11405	29	35,37/12
11411	18	18*,19,36/12
11412	45	27*,40/12
11415	9	18*,40/12
11416	11	14*,15,19,40/12
11420	29	6,34,38/12
11423	8	N6,N38/12
11424	20	27/12*
11425	38	4,5,11,37/12
11426	38	17,37/12
11427	35	17,37/12
11434	28	5,6,34,38/12
11435	14	N5,N6,N35,N38/12
11439	26	5,6,17,34,38/12
11441	41	9,17,18,36/12
11442	35	7,34/12
11445	31	31/12*
11446	32	9,36/12
11447	37	9,18/12
11450	11	9/12
11451	35	7,9,18,35,36,37/12
11452	22	7/12
11453	17	7/12
11460	43	38/12*
11461	5	9,39/12
11462	26	52/11*;9,36,37/12
11463	18	9,18,27,36/12
11464	17	27,36,37/12
11465	39	34/12
11466	39	10,19,36,39/12
11467	43	10*,11,19,21,34,36/12
11469	9	10/12
11470	39	10,19,21/12
11471	1	N10,N19/12
11472	35	11,22,23,39/12
11473	1	N10/12
11475	19	23,39/12
11477	6	N23,N39/12
11478	22	23,39/12
11480	41	3,10,11,13/12
11481	7	23,39/12
11482	1	N10,N19/12
11485	36	4,9/12
11489	39	52/11;9,12,20,30/12
11490	20	28,30/12
11491	38	37/12*
11492	21	30/12
11493	10	N38/12
11494	9	N52/11;N20,N36,N38/12
11496	10	N3,N6,N10,N11,N12, N13/12
11502	33	4,12,13,35/12
11503	44	18*,20,36,38/12
11504	18	12,35/12
11505	4	4,10,29,31,34,39/12
11506	45	38*,39/12
11507	34	52/11;3,9,17,20,23,29, 34/12
11509	32	14*,17,18,20,34,35/12
11510	20	52/11;13,34/12
11511	18	18,20,29/12
11512	62	3,4,9,10,13,14,17,18,21, 23,29,31,34,35,39/12
11513	26	52/11;3,6,12/12
11514	30	4,10,13,14,21,23,29,34, 39/12
11516	31	52/11;6,9,14/12
11517	18	3,9,12/12
11518	38	31/12*
11520	44	3,5,10,12,15,26,34,38/12
11521	30	3,12,15,34/12
11522	21	3/12
11523	25	52/11;29,34/12
11524	53	6*,12,14,15,20,29,34/12
11525	7	N5,N10,N26,N38/12
11527	18	2*,29/12
11532	21	53/11;9,10,12,17,21, 35/12
11534	37	16*,17,21,34,35/12
11535	13	14*,34/12
11536	19	7,10,15,26,34/12
11537	38	7,11,33,34/12
11539	19	34/12
11541	39	34/12
11542	17	34/12
11544	40	10/12*
11545	64	11,33/12
11547	38	11,33,37/12
11554	17	11/12*
11555	41	18*,26/12
12200	50	1,5,10,11,15,24,26,27, 38/12
12201	26	N1,N5,N10,N11,N15, N27,N38/12
12204	37	15,24/12
12205	33	27/12*
12206	33	14,35,36/12
12207	22	10/12
12208	15	4*,11/12
12210	38	11/12
12211	44	11,34/12
12214	49	1,15,22/12
12216	29	34/12*
12221	81	1,8,10,11,22,24,26,27, 35/12
12222	53	10,11,22,26,34,35,36, 37/12
12224	25	1,8,11,22,27,35/12
12225	60	4*,25,26,27,33,37/12
12226	18	26,33/12
12228	33	4,26,27,33/12
12230	65	4,7,11,25,26,27,33/12
12231	29	4,26,27/12
12233	37	25,33/12
12235	33	25,33,37/12
12237	27	11,33/12
12238	40	1,24/12
12241	22	1,8,24/12
12243	14	11,15/12
12244	14	15/12
12245	67	11,15,33,34,35,37,38/12
12248	42	4,10,15,35,38/12
12251	23	14,24/12
12252	24	10/12
12253	47	22*,34,36/12
12254	49	4,7,11,26/12
12255	17	4,7/12
12256	17	52/11*;11/12
12263	56	36*,38/12
12264	30	7,10,11,25/12
12266	30	8,26,34/12
12270	35	34,38/12
12272	31	10,25,34/12
12273	58	10*,25,26,33,37/12
12277	35	4/12
12278	77	10,22,25,26,33,37/12
12280	10	7*,11,25,26,27,33,34,35, 37,38/12
12281	54	27*,33,35/12
12282	36	31*,33,37,38/12
12283	28	29*,38/12
12284	16	11,25/12
12285	40	7,25,27,33,34/12
12286	31	33/12
12288	20	34/12
12289	50	7/12
12300	49	36/12*
12301	22	N14,N29,N31,N33,N34, N38/12
12304	46	15,22/12
12311	46	27/12*
12312	56	27*,34/12
12313	53	11*,26,33,34/12
12314	33	32*,34/12
12316	34	1,15,24,26/12
12317	32	15,24,26/12
12318	45	1,38/12
12323	25	38/12
12324	35	18*,26,27,30/12
12325	4	31/12
12326	51	1,22,27,29,30,31/12
12327	105	23*,26,30,31,33,36,39/12
12331	32	1,10,15,36/12
12332	23	1,10,15,36/12
12333	36	52/11;1,9,10,15,17,21,26, 29,39/12
12334	71	1,9,21,30,33/12
12335	45	18*,30,36/12
12337	23	15/12
12339	46	12,25/12
12341	28	20,36/12

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

Chart No.	Ed. No.	Notice to Mariners No.
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12350	60	13,30/12
12352	33	22,30/12
12353	19	3/12*
12354	44	29*,30,31,34,39/12
12358	21	8,11,25,27,30,31,39/12
12362	17	25,30/12
12363	41	9,20,25,30,34,37/12
12364	38	8,9,17,20,23,25,30,31,34, 37/12
12365	26	9,25/12
12366	29	25,31/12
12367	24	25/12
12368	27	8,23,25,30/12
12369	26	17,20,25/12
12370	21	31/12*
12372	35	1,3,7,10,25,28,31,39/12
12373	15	39/12
12374	14	25/12
12375	22	25/12
12378	15	14/12*
12401	11	1,26/12
12402	12	32/12*
13000	1	N1,N12/12
13003	50	1,5,7,11,12,14,15,18,26, 29,31,38,39/12
13006	36	38*,39/12
13009	35	1,7,12,18,23,34,36,39/12
13200	37	12,18,34,36/12
13201	11	N12,N18,N31,N34, N36/12
13203	13	12/12
13205	39	8,9,10,19,25,31,40/12
13209	26	8,25/12
13211	16	25/12
13212	39	3,25,31/12
13213	42	3,7,10,25,28/12
13214	29	10,25/12
13215	20	8,9,19,40/12
13218	41	7,8,9,19,24,26,27,33,34, 40/12
13219	13	6*,9,40/12
13221	59	18*,23,24,26,29/12
13223	42	14*,19,24,31,36/12
13224	39	23,26,29,36/12
13225	34	29/12
13226	7	23,26,36/12
13227	15	36/12
13229	31	12,15,19,20,27,31,33,34, 40/12
13230	50	27,40/12
13232	5	40/12
13233	19	20,31/12
13235	7	36/12*
13236	31	23/12*
13237	41	1,12,18,19,20,26,27,31, 33,40/12
13238	16	20,31/12
13241	17	32/12*
13242	18	6*,15/12
13244	41	3*,12,18,26,27/12
13246	39	12,18,26,31,37,39/12
13248	11	26/12
13249	13	26,28,39/12
13250	9	31,37/12
13260	41	38*,39/12
13263	8	N1,N7,N12,N23,N36/12
13267	35	26,36/12
13270	64	26/12
13272	52	23*,26/12
13274	28	7,33/12
13278	27	23,33/12
13279	33	27/12
13281	19	27/12
13282	12	7/12
13283	21	33/12
13286	31	12,33/12
13288	43	7/12
13293	35	5/12
13296	26	10/12*
13301	21	39/12
13302	23	6*,13,36,39/12
13303	13	36,39/12
13305	29	31/12*
13307	11	38/12*
13308	13	6*,13/12
13312	22	14/12
13313	20	14/12
13315	12	27/12*
13316	23	27/12
13322	10	31/12*
13324	14	27/12
13325	15	15,17,27,28/12
13326	13	15,17,28/12
13394	3	15,18,20,27/12
13396	5	15,18,20,27/12
14003	6	1,12/12
14007	1	N35/12*
14020	1	N35/12*
14022	1	N36/12*
14215	1	N38/12*
14217	1	N38/12*
14218	1	N38/12*
14219	1	N35/12*
14252	1	N35/12*
14786	14	22,23/12
14800	10	22,23/12
14802	31	23/12
14803	27	22,23/12
14804	24	23/12
14805	24	23/12
14806	24	23/12
14809	2	N39/12*
14810	5	23/12
14811	17	23/12
14813	21	22,23/12
14814	25	23/12
14815	23	23/12
14816	24	23/12
14820	21	1,7,39/12
14822	32	23/12
14823	30	19/12
14824	26	1/12
14826	28	7,16/12
14828	6	1/12
14829	6	7,16/12
14830	32	39/12
14832	34	19/12
14833	26	19/12
14836	27	22/12
14838	4	19/12
14839	37	7/12
14842	15	30,39/12
14844	32	30/12
14846	14	2,39/12
14848	58	2,20,26,35,36/12
14852	46	30,33,36/12
14853	17	2,20,26,30,33,35,36/12
14854	14	20,35/12
14860	36	53/11;34,39/12
14864	27	1,2,16,33,34,39/12
14865	16	33/12
14867	26	6,20,22,23,27,33/12
14869	26	33,34/12
14880	32	53/11
14881	33	53/11
14882	35	53/11;31,39/12
14883	43	52/11;2,31,33,39/12
14884	39	33/12
14901	15	14,15,19,26,35,39/12
14902	29	7,16,26,33,39/12
14903	24	22/12
14904	26	20,35/12
14905	31	15,19,20,28,39/12
14907	27	11/12
14908	18	28,30/12
14909	20	19/12
14910	23	7/12
14911	21	16/12
14912	17	39/12
14913	19	26,35/12
14915	25	39/12
14916	10	7/12
14917	24	16,19,26/12
14918	27	7/12
14919	28	37,39/12
14922	20	20/12
14924	28	16/12
14926	12	53/11;11,15,19,20,21,28, 39/12
14927	25	15,19/12
14928	23	11/12
14929	25	53/11;15,21/12
14932	23	16/12
14933	24	28/12
14934	29	39/12
14961	12	21,33,39/12
14962	20	33/12
14964	21	21,33/12
14965	22	33/12
14967	23	39/12
14972	26	19,28,39/12
14975	35	28,36/12
15003	1	N9/12
15300	1	N9/12
15560	1	N20/12
15562		N19/12
15564	1	N13/12
15566	1	N14/12
15568	1	N20/12
15570	1	N20/12
15585	1	N35/12*
15611		N15/12
15710		N12/12
15723		N24/12
15744	1	N7/12
15870	1	N7,N19/12
15880		N19/12
15881		N19/12
15887		N11,N19/12
15888		N11/12
15899	1	N13/12
15900	1	N9,N13/12
15926		N12,N19/12
15945		N12/12
15946		N12/12
15948	1	N12/12
15953		N7,N19/12
16003	17	25/12
16005	10	25/12
16006	35	26/12
16011	38	38*,40/12
16013	30	35,37,39/12
16016	21	19/12
16066	7	10/12
16161	1	27/12*
16206	8	31/12
16363	12	35/12
16520	23	26,39,40/12
16528	17	14/12
16530	7	14/12
16531	7	29,40/12
16532	6	29/12
16535	12	28/12
16553	7	40/12
16568	13	31/12
16580	14	2,4/12
16587	2	14/12*
16592	10	15/12
16594	13	2,4/12
16597	9	2/12
16604	11	14/12
16606	11	14/12
16640	25	35/12
16645	20	3*,25,35/12
16646	14	3*,29/12
16647	4	2*,25,35/12
16648	5	35/12
16660	31	27*,39/12
16662	9	27*,39/12
16663	9	18*,26,28,39/12
16665	10	3*,19,26,28/12
16700	32	29*,39/12
16707	13	22/12
16708	28	23/12
16709	25	39/12
16723	15	35/12
16761	16	29,31/12
17003	4	20/12
17005	10	13,28/12
17007	1	N11,N20/12
17300	31	21,39/12
17301	8	39/12
17311	2	14/12*
17315	24	21/12
17316	20	21/12
17317	20	25/12
17326	17	2/12*
17328	8	3/12*
17331	8	14/12
17335	8	3/12*
17337	10	18/12*
17338	15	18/12*
17339	13	22/12*
17341	10	22*,31/12
17360	35	39/12
17368	7	40/12
17372	12	6/12*
17376	8	36,39/12
17385	18	6/12*
17400	17	52/11;8,9/12
17406	7	52/11;8,9,39/12
17407	15	19/12
17417	1	N20/12
17418	1	N11/12
17419	1	N11/12
17420	28	39/12
17422	9	39/12
17423	14	19,39/12
17424	9	2/12
17429	2	N39/12
17431	11	19/12
17439	1	N11/12
17440	1	N11/12
17442	1	N11,N13/12
17443	12	7,8/12
17450	1	N8/12
17454	1	N11/12
17456	1	N7,N11/12
17460		N8,N11/12
17482	1	N9/12
17483		N9/12
17496	1	N9/12
17500	1	N11,N13,N19,N24, N31/12
17510	1	N13/12
17511	1	N36,N39/12
17514	1	N3,N13,N15,N28, N39/12
17523		N13,N20/12
17525	1	N29/12*
18000	8	52/11;10,11,17,38/12
18002	7	N52/11;N10,N17,N38/12
18003	20	3,5,7,13,20,28,34,40/12
18005	5	N2,N10,N17,N37/12
18006	4	N7,N17/12
18007	33	3,7,13,20,27,34,37/12
18008	8	N3,N7,N20,N27,N34, N37/12
18009	3	N2,N10,N16,N37/12
18010	21	2,10,20,27,37/12
18020	39	10*,17,37,38/12
18022	36	52/11;2,10,11,17,20,37, 38/12
18400	49	22*,28,33,37/12
18404	2	N13/12
18419	11	9/12
18421	50	5,6,15,17,18,19,22,23,33, 37/12
18423	38	53/11*;4,5,6,8,10,12,15, 16,17,18,19,22,23,31,33, 37/12
18424	28	18,22,31/12
18427	23	13,17,18/12
18428	10	18,23/12
18429	10	15,17,18,33,37/12
18430	9	17,18,19/12
18431	8	6,18/12
18432	6	6,15,18/12
18433	6	18,19/12
18434	7	5,19,22/12
18435	2	N36/12*
18436	1	N9/12
18437	1	N9/12
18440	30	2,4,8,10,15,16,18,19, 22/12
18441	47	4,8,9,10,12,15,16,18,19, 22,23,24,25,27/12
18443	17	4,10,16,18,19,22,23/12
18444	17	4,15,18,19,22/12
18445	34	25*,26,27,31/12
18446	18	8,16,18,31/12
18447	29	22,28,37/12
18448	35	22/12*

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Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
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Chart No.	Ed. No.	Notice to Mariners No.
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18450	18	2,4,8,18,22,24,25,27/12
18451	1	N13,N19/12
18452	17	10,19,22/12
18453	26	10,19,22/12
18454	5	N15/12
18455	2	N15/12
18456	21	22,28/12
18457	10	22/12
18458	17	9,22/12
18459	5	N15/12
18460	13	2,5,18,20,28/12
18461	1	N9,N15,N19/12
18462	1	N10,N31/12
18464	25	12,18,22/12
18465	39	2,8,13,15,20,22,23,37/12
18466	1	N10,N11,N14/12
18467	2	N13,N19/12
18468	18	23/12
18471	11	8,12,22/12
18473	8	1,8,9,11,16,19,22,27/12
18474	9	2,4,8,10,11,17,18,19,22, 24,25/12
18476	6	9,11,19,22,27/12
18477	5	8,19,27/12
18480	31	2,3,5,13,15,19,22,28, 40/12
18484	12	20,22/12
18485	16	20,22/12
18500	30	15,20/12
18502	87	2,11,15,24,40/12
18520	27	34/12
18521	74	1,9,10,18,22,26,28,30/12
18523	57	9,26,27,28,30/12
18524	37	9,15,26,27,28,30/12
18525	37	35*,40/12
18526	60	36*,37/12
18527	23	37/12*
18528	11	10,30,31,34/12
18531	23	37/12*
18532	21	8,15,28,35/12
18556	26	35/12*
18561	13	7*,33,34/12
18580	22	7,20,34/12
18581	19	3,17,18,33/12
18583	40	9,33/12
18584	48	1,20,34/12
18587	71	2,21,31,37/12
18588	37	1,33/12
18600	15	5/12
18602	13	18*,26/12
18603	17	6/12
18620	24	16*,27/12
18622	55	36/12
18623	12	10/12*
18626	16	10/12*
18640	25	1,9/12
18643	18	25/12
18645	27	23/12*
18649	67	1,4,5,8,9,14,19,24,25,26, 28,34,39,40/12
18650	56	4,5,8,14,24,26,28,34,39, 40/12
18651	44	15,18,19,34/12
18652	36	53/11;1,4,6,8,14,16,18, 19,24,25,26,36,39,40/12
18653	11	4,5,19,24,25,34/12
18654	45	6,11,19,24/12
18656	56	53/11;16,18,25/12
18657	19	25/12
18658	31	16,18,25/12
18659	16	53/11;25/12
18660	3	53/11
18661	30	53/11
18665	11	39/12
18666	1	25/12
18680	31	1,2,9,10,16,37/12
18682	14	37/12
18685	33	2,11,16,39/12
18700	22	7,17/12
18720	33	52/11;7,11,17,20,21,36, 38/12
18721	12	7,17,20,21/12
18723	3	17/12
18724	2	31,38/12
18725	29	20,31,38/12
18728	9	23,36,38/12
18729	13	23/12
18730	2	N38/12
18740	43	52/11;2,11,21,23,30,34, 35,36,38/12
18741	19	N52/11;N30/12
18746	38	21,23/12
18749	43	18,39/12
18751	46	18,31,39/12
18754	19	33/12*
18755	10	52/11;21/12
18758	7	15/12
18760	7	N52/11;N7,N11,N17, N23,N30,N38/12
18762	16	21/12
18763	11	33/12*
18765	17	21,30,33/12
18766	7	30/12
18768	5	N30/12
18772	48	21,33/12
18773	43	29*,33/12
18774	12	15,21,30,35/12
19002	11	N8/12
19004	39	8/12
19010	20	8/12
19013	19	8/12
19320	17	26/12
19324	22	15,20/12
19327	11	11,26/12
19330	11	11/12
19339	2	N5,N8,N11/12
19340	27	5,8,11,26/12
19342	11	26/12
19347	18	5,26/12
19348	8	26/12
19350	11	26/12
19351	11	5,26/12
19357	24	1,11,26,30,37/12
19358	21	26/12
19359	12	11,26/12
19360	1	N1/12
19361	9	26/12
19362	14	1,26/12
19366	37	53/11;26,37/12
19367	39	7,26,30,37/12
19369	6	7,26,30,37/12
19379	2	N8/12
19380	15	8,26/12
19381	9	8,26/12
19382	16	26/12
19385	8	26/12
19386	11	26/12
19387	10	N8/12
21005	5	10,14/12
21014	72	2,17,28/12
21017	50	52/11;17,23/12
21020	42	52/11;39/12
21021	3	32/12
21023	41	14,17/12
21026	47	7/12
21033	46	3,4,5,8,10,11,17,25/12
21036	7	3,4,5,8,10,11,17,19/12
21120	27	2,17,28/12
21125	13	9/12
21126	2	N2/12
21160	1	25/12
21180	1	2,10/12
21182	35	N9,N28/12
21301	14	31,33/12
21338	5	2,31/12
21384	4	39/12
21401	21	2,9/12
21441	28	N21/12*
21489	2	26/12*
21500	1	19/12
21510	1	7/12
21524	4	17/12
21525	21	34/12*
21544	20	26,36/12
21546	3	7,26,35,36/12
21605	7	3/12
22000	16	38,39/12
22004	38	4,20/12
22008	35	52/11;40/12
22040	1	25/12
22050	4	4,5,8,10,17,25/12
22051	19	5,26/12
22052	7	53/11;5,26/12
22055	1	53/11;5,26/12
22080	3	8,21/12
22081	1	12/12
22082	5	12/12
22083	6	12/12
22084	4	11,21/12
22090	2	4,8,20/12
22100	3	8/12
22101	20	8/12
22102	19	4,8,28,30/12
22103	2	4,8,28/12
22109	3	4,8,28,29,30,31/12
22111	4	8,20,31/12
22112	3	8,20,31/12
22113	8	8,31/12
22120	3	9/12
22121	9	9/12
22124	2	9,23/12
22130	2	23,40/12
22142	3	N36/12*
22143	4	9/12
22160	2	52/11;5,9/12
22170	3	52/11;5,9,40/12
22172	8	52/11;9,18,23/12
22173	36	52/11;5,9,18/12
22182	7	9/12
22221	20	53/11;33/12
22225	2	3,35/12
22250	2	28/12
22252	19	N3,N28/12
22259	5	35/12
22262	3	31/12
22263	2	25/12
22264	3	25,35/12
22282	17	7/12
22285	1	7/12
22290	4	4,8/12
22293	15	8,20/12
22294	17	N21*,N36/12
22295	2	8,19/12
22305	2	4,7,8/12
22311	19	53/11
22312	3	N17/12*
22313	2	53/11;4,28/12
22314	1	4/12
22335	4	53/11;3,13,25/12
22341	9	3,36/12
22342	9	36/12
22347	6	N36/12
22351	3	N53/11
22352	7	N53/11*
22353	1	N16/12*
22358	1	N10/12*
22360	3	N22/12*
22365	1	N53/11*
22366	1	N16*,N36/12
22367	1	N39/12*
22371	5	53/11;36/12
22399	1	N16/12*
22401	5	N53/11
22408	2	N3/12
22410	32	3/12
22418	2	3,7,29/12
22425	2	3,7,29/12
22430	6	53/11;37/12
22433	3	28,37/12
22434	2	53/11;37/12
22436	2	28/12
22461	1	N6/12
22481	35	14,19/12
22492	3	53/11;19/12
22523	4	N3/12*
22524	2	38/12
22526	3	39/12
22528	4	N38,N39/12
22529	3	38/12
22531	2	38/12
22544	2	38/12
22545	1	38/12
22547	4	N53/11;N38,N39/12
23000	5	33/12
23010	4	5,6,10,26,33,34,36/12
23020	4	10,25,32,33,36/12
23023	4	10/12
23030	6	25,26,32,33,34,35,36/12
23101	5	10/12
23102	7	N8,N10,N30/12
23115	3	25/12
23121	7	20,22,34,35/12
23122	8	6,34,35/12
23123	3	32/12
23124	4	N20,N22,N32,N34/12
23125	4	32/12
23126	6	N8,N34,N35/12
23127	4	N6,N20,N34,N35/12
23129	2	N6/12
23131	7	32,36/12
23141	7	9,22,32,33,36/12
23142	10	9,20,22,26,33/12
23145	3	9,22,26,32,33,34/12
23150	10	29/12
23151	3	29/12
23152	3	29/12
23153	8	29/12
24000	39	25/12
24008	42	2,10/12
24020	47	38/12
24028	6	23,27/12
24050	11	9,32,35,36,39/12
24051	1	24/12
24052	17	N5,N20,N27,N35, N36/12
24053	17	N25,N27/12
24055	6	20,35,36/12
24057	6	N22*,N24,N25,N26/12
24058	3	N5,N22/12
24060	2	25/12
24080	5	25/12
24132	13	35/12
24133	6	22,38/12
24141	4	22/12
24151	4	39/12
24155	6	13,31/12
24156	3	1,20,31,39/12
24159	1	1,13/12
24161	12	N1,N39/12
24162	10	N39/12
24170	14	2/12
24191	12	9/12
24202	7	3/12
24210	14	39/12
24223	33	18/12
24230	20	31/12
24233	15	24/12
24240	5	31/12
24252	6	N21/12*
24270	3	37,38/12
24271	15	N22*,N37/12
24274	2	37/12
24292	4	39/12
24319	1	1/12
24355	2	25/12
24370	1	23/12
24375	2	1,8/12
24376	1	8/12
24380	2	23,27/12
24385	1	27/12
24388	2	23/12
24404	9	14/12
24405	12	N14/12
24423	2	19/12
24430	5	53/11;14,19,23/12
24434	4	14,19/12
24435	5	14,19/12
24441	3	1,19/12
24444	2	23/12
24450	3	14,15/12
24452	7	14/12
24453	5	14/12
24454	5	53/11;14/12
24460	4	15,21,40/12
24463	6	26,35/12
24464	21	N25/12*
24468	1	17,40/12
24469	1	17,40/12
24470	4	15,25/12
24480	1	5,12,17,20,23,29,30/12
24483	2	25,35/12
24490	3	6,12,17,20,23,29,36/12
24491	3	6,17,23,29,36/12
24500	1	1,6,7,9,13,17,23,33/12
24501	3	17,24,29,33/12
24502	6	1,7,9,10,13,19,33,40/12

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 52/11 THROUGH NM 40/12

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.
24503	35	17,23/12
24504	7	14,26,31/12
24507	1	14,26,31/12
24508	4	32/12
24509	3	8,14,26,31/12
24510	3	8,14,26,31,32/12
24511	2	20,30/12
24512	3	5,17,20,30,40/12
24513	18	17/12
24514	1	17,20,40/12
25001	7	52/11;21,30/12
25017	6	N20,N23,N24,N30/12
25018	9	20/12
25400	2	14,21,24/12
25480	1	16/12
25483	20	25/12
25484	23	21,24/12
25485	45	23/12
25487	3	N21/12*
25524	43	9,13,25/12
25525	17	13,25/12
25526	2	13/12
25527	31	53/11;5,8,13,21,24/12
25550	2	52/11;17,23,24,25/12
25563	50	23,25/12
25567	16	22/12
25570	3	52/11
25575	4	52/11
25600	47	52/11;23,24/12
25601	34	17/12
25607	4	23,24,31/12
25608	22	30/12
25609	5	7/12
25613	3	52/11;1/12
25640	44	8,20/12
25644	14	36/12*
25645	19	3/12*
25649	20	7/12
25650	36	7*,15/12
25663	28	38/12*
25664	17	4/12*
25670	44	12/12
25671	19	12/12
25673	16	21/12
25677	21	8,12,20/12
25679	10	12/12
25681	18	7*,8/12
25687	12	20/12
25720	3	26/12
25803	17	26/12
25845	10	6/12*
25848	26	13/12
25849	13	13/12
26001	4	20,29,30/12
26060	1	12/12
26066	12	12/12
26068	12	12/12
26070	2	5/12
26080	1	N3/12
26083	14	3,19,28/12
26100	4	20/12
26127	21	33/12
26128	50	33/12
26130	20	5,17/12
26131	1	N17/12*
26218	2	20/12
26219	5	20/12
26224	32	4/12
26229	11	20/12
26230	13	N20/12
26244	3	24/12
26245	16	22/12
26247	19	24/12
26309	27	9/12
26320	5	9/12
27040	5	40/12
27041	4	40/12
27044	27	31/12
27080	4	6,35,38,39/12
27085	66	N31,N40/12
27120	4	10/12
27141	5	22/12
27142	5	22/12
27146	2	40/12
28004	1	9,10,14/12
28006	1	8,19/12
28042	3	19/12
28049	13	5,15,25/12
28050	3	3,13,19/12
28051	2	15,25/12
28110	2	6/12
28120	1	6/12
28130	1	33/12
28135	1	N3*,N33/12
28136	1	N37/12*
28144	5	12/12
28150	3	12/12
28154	2	12/12
28170	1	30/12
28190	2	9,10/12
28196	4	10/12
28197	4	23/12
28201	8	23/12
28202	22	32/12
28210	2	52/11;14,23,38/12
28220	2	23/12
28221	18	14/12
28260	30	52/11;9,14,17,23,38/12
28261	10	52/11
28263	3	52/11
28265	4	N23/12
28281	32	9/12
28282	2	9/12
28300	1	9,14,17,38/12
28303	1	N23/12
28304	1	N23/12
28310	2	9,17,28,38/12
28320	6	9,10,18,23/12
28321	36	10,23/12
28323	2	9/12
28330	2	17,38/12
29101	6	25/12
29105	5	3/12
29106	5	30/12
29107	2	22,28/12
29122	5	27/12
29123	3	8/12*
29124	1	27/12
29128	4	3/12
29742	1	21/12*
35000	26	8,33/12
35002	1	N20/12
35003	2	N1/12*
35004	2	N1/12*
35008	22	N37/12*
35015	3	N31/12*
35017	3	N21/12*
35020	1	N52/11
35024	2	N8,N32/12
35037	2	N2/12*
35052	1	N3*,N33/12
35055	2	N5*,N14,N33/12
35072	2	N30/12*
35138	1	N52/11
35140	1	N14/12
36000	1	N10,N13,N32/12
36001		N8/12
36002		N12,N32/12
36005	3	6/12*
36006	1	N53/11;N10,N13,N25, N32/12
36007	1	N53/11;N13,N25,N32/12
36008	1	N13,N32/12
36011	2	N24/12*
36018	2	N13/12*
36025	3	N2/12*
36030	2	N13/12*
36032		N32/12
36033	1	N29/12*
36035	1	N8,N32/12
36036		N32/12
36041	2	N26/12*
36049	1	N8/12
37000	23	33/12
37005	17	52/11;1,9,10,11,15,17,19, 20,22,33/12
37008	3	N5/12*
37010	24	1,9,10,11,15,17,19,20,21, 22,23,26,32,36/12
37015	2	N1*,N8/12
37025	26	8/12
37027	2	N3/12*
37033	2	8/12
37034	2	8/12
37052	3	N5/12*
37055		N14,N15,N17,N19,N21, N22,N27,N33/12
37057	2	N23/12
37058	2	N10/12
37090	8	39/12**
37095	4	N38/12*
37110	11	39/12**
37115	3	N34/12*
37120	3	32,35,36,38,40/12
37121	12	N36/12
37125	16	N36/12
37127	11	8/12
37129	7	N6,N8,N32,N35,N40/12
37140	34	22,36/12
37162	13	N1,N2,N8,N13,N15, N17,N19,N22,N23,N26, N33,N35,N39/12
37163	21	N38/12*
37164	5	N5,N8,N26,N39/12
37165	3	1,9,11,12,13,15,16,17,19, 20,22,32/12
37166	3	8,11,12,13,14,15,17,19, 21,22,23,26,33,35,39/12
37200	16	52/11;9,15,17,19/12
37202	3	N52/11
37205	3	15,17/12
37221	14	4,12,13,15,16,27,32/12
37222	14	N8,N12,N20,N35,N38, N39/12
37223	15	21/12*
37224	11	53/11;8,12,22,38/12
37226	18	N4,N12,N13,N22/12
37228	14	4,13,15/12
37229	15	5,13/12
37231	19	N4*,N13,N16,N22/12
37232	13	N13/12
37234	14	N2,N4,N16/12
37235	11	13/12
37236	9	12,13/12
37238	7	N2,N13,N20,N23, N32/12
37241	20	N39/12*
37242	12	N53/11*;N2,N13,N32, N38/12
37244	12	N2,N8,N12,N15,N17, N19,N23,N26,N27,N32, N33,N35,N38/12
37246	16	N29*,N32,N35/12
37247	1	N34*,N35/12
37248	20	N29*,N32,N35,N39/12
37259	3	8/12
37264	3	30/12
37281	15	30/12
37362	6	8/12
37380	2	8/12
37403	23	5,8/12
37420	1	8/12
37443	3	N40/12*
37445	1	16,17/12
37446	3	N16,N17/12
37461	9	23,29/12
37463	7	N32/12
37464	2	N32/12
37505	2	8/12
38030	1	27/12
38560	5	4/12
38565		N52/11
38580	8	4/12
38582	4	4/12
38583	2	4/12
38589		N4/12
38591	1	N40/12*
38603	2	15,27,40/12
38607	2	27/12
38610	1	27/12
38670	2	52/11
42036	2	32/12
42046	3	9,15/12
42050	2	32/12
42052	2	9,15,32/12
42141	3	27,28/12
42600	5	17/12
42620	5	17/12
42740	5	13,26/12
42742	3	26/12
42760	5	12,13/12
42765	3	12/12
42768	1	N10,N12,N13,N36/12
43015	12	26/12
43030	24	52,53/11;4,8,12,17,22,32, 40/12
43040	6	12/12
43100	4	8/12
43102	4	26/12
43104	4	8,26/12
43105	4	8/12
43124	5	9,22/12
43126	4	9/12
43127	5	22/12
43140	4	36,40/12
43141	5	36,40/12
43142	4	36,40/12
43143	4	36,40/12
43144	4	7,8,9/12
43145	4	9/12
43148	4	8,9/12
43168	2	39/12
43181	3	7/12
43182	4	53/11
43204	4	15/12
43225	4	53/11
43240	4	9/12
43243	4	9/12
43244	4	9/12
43246	5	9,22/12
43260	4	9/12
43261	5	9/12
43262	5	9/12
43264	2	9/12
43280	5	13/12
43281	6	27/12
43283	6	8,26,27/12
43284	4	2,8,15/12
43285	5	7,8/12
43287	2	27/12
43300	5	7,9/12
43302	4	9,13,26/12
43303	4	6,7,9/12
43304	2	9/12
43320	5	52/11
43321	7	N4*,N6,N7,N13/12
43322	6	N7/12
43323	4	52/11;2,7/12
43324	4	22/12
43341	7	11/12
43342	7	7,11/12
43356	2	11,13/12
43360	21	4,22/12
43363	5	11,15/12
43364	6	N11/12
43366	4	11/12
43368	5	11,13/12
43369	6	11/12
43370	7	13/12
43371	13	26/12
43372	5	N26/12
43373	8	26,28,40/12
43374	1	26/12
43378	2	5,6/12
43379	1	40/12
43382	2	14,26/12
43385	1	22,40/12
44000	16	20/12
44015	9	53/11;12,14,21,32,38, 40/12
44030	8	17,20,37/12
44036	5	4,11,12/12
44037	6	N22/12
44039	1	N11/12
44040	25	4,5,11,12,15,22/12
44041	8	N20*,N22,N28,N40/12
44042	8	N15,N22,N28,N40/12
44043	8	22,28/12
44044	6	11,17,37/12
44045	6	15,28/12
44046	11	N11,N39/12
44047	22	4/12**
44048	12	N15,N22,N33,N40/12
44049	10	N52/11;N15,N22/12
44050	22	N52/11
44054	1	N21,N22,N40/12
44057	6	N40/12*
44062	9	N8/12*

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 52/11 THROUGH NM 40/12

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Chart No.	Ed. No.	Notice to Mariners No.
44063	9	N20/12*
44065	8	N12/12
44066	11	N16/12
44067	23	9,12/12
44070	7	12/12
44071	4	12,15/12
44072	4	12/12
44073	2	13/12
44075	5	N36/12*
44076	4	N20/12*
44082	11	12,17,32,36,38,40/12
44083	8	14,17,32,36,38,39,40/12
44084	1	21,22,36,38,40/12
44087	1	N38/12*
44100	8	8,12,15,22,39/12
44105	2	40/12
44120	8	8,12,17,32,36,38,39, 40/12
44122	1	N21,N33,N38/12
44123	1	N21,N27,N28,N33, N37/12
44140	9	53/11;12,14,17,21,38/12
44160	8	20,22,23,27,40/12
44161	2	33,37/12
44165	1	8,24/12
44178	2	8,13,28/12
44179	2	39,40/12
44180	6	18,24,35/12
44181	6	N38/12
44182	5	N27,N40/12
44183	6	20,22,27,28,38,39/12
44184	10	N17,N21,N28,N38, N40/12
44185	8	N21,N39/12
44186	2	26,27,40/12
44187	2	24/12
44200	9	21,23,24,37/12
44203	1	24/12
44204	1	23/12
44205	2	27/12
44220	6	37/12
44224	1	21/12
44240	8	17,20,24,36,39,40/12
44260	7	20,26/12
44280	10	21*,24,26,33,35,40/12
44281	2	28/12
44282	1	24/12
44284	2	35/12
44285	1	24/12
44320	4	6,9,14,18,20,37/12
44340	12	9,13,14,17,37,40/12
44341	7	32,40/12
44342	9	N17,N35/12
44352	3	N13,N14,N17,N37, N40/12
44353	1	N6,N13,N27,N37/12
44360	10	9,12,18,36,38/12
44361	7	N6,N9,N18,N22,N28, N38,N39/12
44362	1	N14/12
44365	1	6/12
44366	1	13/12
44367	2	32/12
44400	5	53/11;6,9,14,17,37,40/12
44401	9	N5*,N6,N13,N24,N28, N40/12
44410	5	9,17,37/12
44420	7	14,23,25/12
44430	3	53/11;5,14,17,40/12
44442	1	N40/12
44443	1	N6,N40/12
44444	8	N34/12*
44445	1	N25/12
44446	1	N5,N40/12
44461	10	53/11;1,12,14,17,32, 40/12
44462	5	N4,N14,N28,N38/12
44463	10	N2,N4,N5,N12,N14, N17,N32,N38,N40/12
44465	3	N53/11;N2,N4,N5,N12, N14,N17,N32,N38, N40/12
44481	2	12,14,17,38/12
51007	22	8/12
51013	4	16/12
51082	7	3/12
51100	7	8,27,37,40/12
51103	10	32/12
51104	1	32/12
51120	6	8,40/12
51142	2	8,25/12
51143	5	N8,N25,N40/12
51144	4	N8,N40/12
51145	2	8/12
51150	1	8,25/12
51153	1	N40/12
51160	21	16,40/12
51163	4	6/12
51164	18	16,40/12
51165	9	N16/12
51166	4	N8,N12,N16/12
51167	7	N8,N16/12
51168	2	6,16/12
51260	4	52/11
51344	2	11/12
51346	1	N11/12
51473	1	N6/12*
52031	1	8,13/12
52037	1	N16/12*
52039	4	9/12
52043	22	N31/12*
52045	7	N34/12*
52046	21	39/12
52047	11	16/12
52060	16	8,11/12
52061	2	5,11/12
52080	14	8,11,13/12
52082	3	11,13/12
52084	2	11/12
52085	3	6,40/12
52086	2	6,8,37/12
52088	3	8,11/12
52091	1	N37/12*
52120	12	37/12
52140	6	13/12
52143	8	37/12
52144	6	N19/12
52145	1	N19/12
52160	7	26/12
52167	1	N17,N26/12
52180	14	3,4,7,8,13/12
52183	9	4/12
52184	3	3,4,17/12
52186	3	7,8/12
52200	8	4/12
52220	7	16,21/12
52223	4	16,21/12
52243	11	9/12
52282	10	22/12
53011	2	4,13,21,24,25,28,30, 37/12
53031	1	52/11;23,24,28,31/12
53062	14	N53/11*
53082	15	N34/12*
53088	8	16,24/12
53090	1	19,25/12
53100	17	13,23,24,25,28,31/12
53101	8	N13,N16,N24,N25, N31/12
53104	3	N13,N31/12
53105	21	N25/12
53106	7	25/12
53108	3	28/12
53110	1	5,24/12
53120	14	5,9/12
53122	4	N22/12*
53123	4	N21/12*
53130	1	52/11
53133	4	19/12
53135	2	52/11
53141	6	N25,N28,N30/12
53147	4	N24/12*
53160	14	25,28,30,37/12
53161	8	24,25,30,37/12
53162	7	53/11;25,37/12
53164	10	N21*,N25/12
53166	1	24,30/12
53180	10	13,23,24,25,37/12
53183	14	N16/12*
53184	5	13,29,30/12
53200	7	8,9,13/12
53201	7	N34/12*
53203	11	5,15,24,27/12
53205	3	5,15,24/12
53206	7	N5,N15/12
53207	1	N24,N25/12
53220	7	8,9/12
53226	3	8/12
53279	4	52/11;7/12
53284	4	52/11
53285	4	52/11;7/12
53287	6	52/11;7/12
54040	3	12/12
54041	7	12,21,29/12
54043	2	29/12
54060	5	19/12
54061	12	N19/12
54063	3	24/12
54067	1	N21/12*
54082	13	N29/12
54083	4	29/12
54085	2	21/12
54090	3	12,29,30/12
54095	3	30/12
54105	3	17,29/12
54115	3	11,29,30,31/12
54120	5	17,29/12
54125	4	53/11;12,16,30,31/12
54131	2	12,13,25,28,29,30,37/12
54140	8	30,31/12
54151	1	3,6,17,23,31,32/12
54161	13	N53/11;N30/12
54165	3	N37/12*
54166	3	30/12
54168	1	16,31/12
54169	3	16,31/12
54180	7	11/12
54195	3	52/11;11/12
54200	4	11/12
54223	2	19/12
54224	3	19/12
54279	4	12/12
54280	11	3,4,6,12,23,25,38/12
54286	4	4/12
54287	7	3,38/12
54288	5	35/12
54300	12	4/12
54301	4	4/12
54318	3	7,37/12
54320	4	16,23,32/12
54321	3	N23,N37/12
54322	8	16,17,21/12
54324	9	7/12
54327	4	23/12
54333	3	21,34/12
54335	3	20,32/12
54337	4	N35/12
54339	9	N37/12
54340	8	3,20,23,32/12
54341	4	3/12
54343	10	35/12
54344	6	3,32/12
54346	9	6,36/12
54350	4	23/12
54351	7	34/12
54352	3	21/12
54359	2	4,22,36/12
54360	12	7,32/12
54361	10	4,6,22,36/12
54363	3	3,7,32/12
54365	6	3,16,21,37/12
54369	4	7,32,39/12
54380	6	7,8,20,32/12
54382	9	5,8,9,20,25,27,39/12
54386	10	4,9,23,27,39/12
54387	7	25,26/12
54389	8	5,22,23,27,35/12
54400	8	52/11;16,21,26,35/12
54402	4	16,35/12
54403	4	7,35/12
54407	4	52/11;9,26,34,36/12
54409	2	39/12
54418	4	52/11;34/12
54419	2	34/12
54421	6	7,11,24,27,28/12
54422	4	11/12
54423	5	14,26,30/12
54424	1	27,28/12
54430	1	11,17,24,26,27/12
54440	4	9,12,17,26,28,38/12
54441	6	5,9/12
54462	5	6,13,17/12
54463	5	17/12
54464	5	6,17,22,28/12
54480	8	8,9,12,13,31/12
54481	9	8,11,13,17,22,27/12
55001	4	12,13,21,22,26,27/12
55040	4	5,7,22,24,25,26,27,32, 35/12
55041	7	6,7,16,22,30,32/12
55042	1	21,25,27/12
55043	2	2,26/12
55044	5	7,22,25,26,28,35,38/12
55045	2	7,21,25,26,28/12
55046	4	52/11;4,5,7,9,12,21,27, 28/12
55047	8	52/11;8,21,36/12
55048	12	52/11;35/12
55049	6	7,9/12
55064	3	14/12
55082	9	10/12
55084	7	22,26,27,38/12
55085	9	13,14,15,20,21,22,26,27, 38/12
55100	8	9,12,14,21/12
55101	5	6,14/12
55102	4	9,14/12
55103	3	N13,N17/12
55104	2	9,17/12
55105	7	13,22,26,27,28/12
55110	2	5,6,7,12,14/12
55128	3	N10,N12,N17,N25, N26/12
55129	7	12,25,26,27/12
55130	2	15,21,22,38/12
55131	1	6/12
55140	2	9,10,21/12
55150	2	5,28,34/12
55160	2	9/12
55161	2	N9/12
55170	2	17,18,22,24,27,32/12
55175	1	28/12
55180	2	26,27,32/12
55190	2	6,13,18,21,26,27,36/12
55200	2	12,13,17,20,22,26,27,32, 36/12
55205	1	9,12,13,17,20,22,26, 27/12
56011	1	13/12
56031	1	8,11,17,26/12
56041	5	N37/12*
56042	7	N39/12*
56043	6	8,12/12
56044	3	8,12,34/12
56045	1	8,34/12
56047	1	N37/12*
56048	3	N25/12*
56060	9	53/11;8,12/12
56063	1	37/12
56064	6	31,39/12
56065	3	53/11
56100	14	53/11
56101	7	53/11
56103	8	N33/12*
56120	13	53/11;31/12
56160	6	53/11
56190	3	13/12
56200	6	13/12
56222	8	N16/12*
57022	8	14/12
57280	3	14/12
57282	3	14/12
57380	4	17/12
57381	13	N17/12
57420	4	17/12
57440	4	17/12
57460	5	17/12
61000	20	17/12
61040	7	17/12
61051	9	N17/12
61060	7	N34/12*
61061	10	37/12
61062	1	N37/12*
61242	2	21/12*
61601	3	N1/12*
62000	20	4,24/12
62001	5	4,9,11,24,28,31,35/12
62024	13	29/12

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 52/11 THROUGH NM 40/12

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.
62028	15	34/12
62032	16	8,11,12,14,15,18,19,21, 22,26,30,37/12
62033	3	N8,N11,N12,N14,N15, N18,N19,N21,N22,N26, N30,N37/12
62090	7	4,24,30,40/12
62092	7	30,40/12
62093	9	N33/12*
62095	5	N29/12*
62098	8	N36/12*
62100	7	4,24/12
62110	10	24,28/12
62140	1	25,30,39/12
62162	2	31/12
62170	2	20/12
62171	4	20/12
62172	3	20/12
62188	4	53/11;35/12
62191	15	32,35/12
62194	8	20/12
62195	7	35/12
62220	9	36/12
62225	4	N37/12
62230	3	9,31,36/12
62241	10	4/12
62242	11	30/12
62250	6	17*,20,24,25/12
62271	5	31/12
62285	3	24/12
62290	4	4,11,24,28,31/12
62295	4	24,28/12
62302	3	24/12
62314	3	37/12
62330	2	29/12
62340	3	29/12
62343	4	37/12
62360	5	30,39/12
62361	2	N30,N39/12
62366	4	30,39/12
62377	2	34/12
62388	3	N27,N39/12
62389	1	N27,N39/12
62392	8	21*,28/12
62393	7	8,18,25,27,39/12
62394	10	8,25,27/12
62395	3	18,27/12
62400	17	10,24,33,37/12
62401	9	10/12
62403	5	33/12
62404	3	30/12
62407	5	10/12
62408	7	10,33/12
62409	6	33/12
62411	1	33/12
62412	13	8,39/12
62417	4	N32/12*
62418	8	11/12
62420	5	19/12
62428	9	18/12
62429	10	N37/12*
62434	11	11,15,22,25/12
62437	12	26/12
62440	8	5,10,14,26,30,33/12
62441	10	25,35/12
62442	6	25/12
62449	4	10/12
62452	4	22/12
62453	6	N8,N39/12
62455	7	19/12
62456	2	N37/12*
62458	1	28/12
62459	2	5,10,14,26,30/12
62460	5	11*,29/12
62480	2	8,10,11,14,15,18,25,26, 29,30,33,37,39/12
62481	4	18/12
62490	2	11,12,14,21,22,26,30, 33/12
62510	3	8,15,18,24,25,27,29,30, 33,39/12
62512	3	N8,N15,N18,N24,N25, N27,N29,N30,N33, N39/12
62520	6	5,10,14,15,18,21,29,33, 37/12
62521	4	N5,N10,N14,N15,N18, N21,N29,N33,N37/12
62530	6	11,14,19,21,22,26,33/12
62531	4	N11,N14,N19,N21,N22, N26,N33/12
62540	6	3,11,12,18,22,26,30, 35/12
62541	3	N3,N11,N12,N18,N22, N26,N30,N35/12
62550	3	14,33/12
62560	4	21,22,39/12
62570	4	3,11,15,22,25/12
62590	3	11,14,15,22,35/12
62591	4	N11,N14,N15,N22, N35/12
62592	1	11,18/12
62594	1	15/12
62595	1	15/12
63000	13	5,23,24,26/12
63005	18	5,23,25/12
63010	14	25/12
63020	15	6/12
63050	3	22*,26,39,40/12
63053	5	26,28,29,39,40/12
63054	3	26,37,40/12
63055	3	26/12
63060	8	22*,24,26,39,40/12
63062	8	9,14,24,34,38/12
63063	9	9/12
63065	6	14,30,34/12
63070	4	9,24,26/12
63080	6	53/11;24,38/12
63090	9	53/11;14,23,38/12
63091	4	53/11;24,34,38/12
63092	4	24/12
63100	3	21*,24,30,34/12
63101	17	N14,N23,N38/12
63102	21	N16,N23/12
63103	19	N16,N23/12
63112	1	N53/11
63113	1	N53/11
63120	2	25/12
63121	6	25/12
63160	2	N26/12*
63170	4	N22/12*
63180	4	N20/12*
63190	3	N20/12*
63200	5	25,34/12
63205	3	N25,N34/12
63210	4	25/12
63220	5	25/12
63271	9	N53/11;N30/12
63280	4	N36/12*
63281	2	37/12
63290	8	N37/12*
63291	9	2,7/12
63310	5	2/12
63320	8	2/12
63321	6	53/11
63324	2	2,25/12
63330	9	8/12
63337	16	8/12
63340	1	6/12
63351	4	6/12
63410	6	15/12
63417	3	N15/12
63420	2	15/12
71005	1	17/12
71018	10	52/11;9,33/12
71027	9	4,6,30/12
71033	31	52/11;33/12
71036	8	33/12
71043	3	21/12
71044	2	37/12
71066	2	9/12
71180	29	52/11;9,33/12
71182	2	52/11;9/12
71185	24	6/12
71186	2	6/12
71220	3	4/12
71241	11	N7,N19,N36/12
71243	6	9,36/12
71244	4	36/12
71247	19	52/11;4,5,7,8,37/12
71248	3	N52/11;N5,N7,N17/12
71251	13	N52/11;N5,N7/12
71252	3	N52/11*;N4,N5,N7,N19, N36,N39/12
71253	11	52/11;4,5,7,17,19,30/12
71254	2	N52/11;N7,N8,N19, N36/12
71255	7	N4,N7,N39/12
71256	2	N52/11;N5,N17,N36/12
71261	9	6,22/12
71262	7	22/12
71265	4	52/11;5,7,9,17,19,36, 39/12
71271	12	N6*,N17,N22/12
71272	12	N4/12*
71273	5	N17/12
71275	4	17,22/12
71285	4	9,17,22/12
71315	2	5/12
71325	8	22/12
71326	1	N22/12*
71401	2	N36/12*
71410	1	33/12
71420	1	33/12
71440	2	6,17/12
71450	1	6/12
71460	1	6/12
72007	10	52/11
72028	7	52/11
72035	8	52/11
72045	2	52/11
72060	8	6/12
72070	4	9/12
72173	2	52/11
72211	6	52/11
73000	9	52/11
73002	4	4/12
73004	4	4,27/12
73006	2	6/12
73010	3	4/12
73012	6	52/11;4/12
73014	10	52/11
73016	4	52/11
73020	9	52/11;6/12
73072	4	4/12
73082	1	27/12
73291		4/12
73341	8	52/11
73570	7	2/12
73580	4	2/12
73631	4	2/12
73640	5	2/12
73650	5	2/12
74002	2	29/12
74003	5	29/12
74005	2	2/12
74007	1	2/12
74012	10	27/12
74015	10	27/12
74031	1	N27/12
74143	1	N10/12
74189	1	N27/12
74237	3	N10/12
74245	1	N10/12
74262	1	N27/12
74263	1	N10/12
74265	2	10/12
74345	1	N10/12
74460	4	27/12
75111	1	N27/12
75147	1	N27/12
75193	6	53/11
76030	9	10,40/12
76050	8	8/12
76052	8	8/12
76056	3	10/12
76071	9	8/12
76083	3	8/12
76150	6	10/12
81004	5	12,30/12
81012	3	22/12
81025	3	N12/12
81048	10	30/12
81059	1	N12/12
81060	2	12,30/12
81063	6	21,30/12
81067	9	30/12
81664	6	40/12
81715	5	17/12
82005	5	2/12
91004	3	34/12*
91005	6	53/11;5,10,11,13,22,26, 30,31/12
91008	1	4,5,9,11,18,22,26,31,37, 39/12
91010	6	4,5,9,11,22,26,31,37/12
91020	5	3,8,10,11/12
91030	3	10,11,13/12
91040	1	22/12
91060	1	10,13/12
91080	4	10,11/12
91081	1	11/12
91100	3	4/12
91120	3	14/12
91140	5	16*,39/12
91151	3	39/12
91160	4	5*,9,10/12
91175	3	14/12
91240	5	8/12
91273	4	N37/12*
91280	8	N29/12*
91286	11	N17*,N22/12
91289	19	8/12
91294	9	N27/12*
91297	10	N2,N4,N8/12
91300	3	3,8/12
91309	4	3/12
91323	2	N34/12*
91331	3	3,10/12
91340	3	3,10/12
91360	2	10/12
91380	3	N37/12*
91400	3	N17*,N22/12
92006	5	52/11;31/12
92025	3	53/11;10,11,12,26/12
92030	4	53/11;3,5,10,11,12,26/12
92033	5	14,31/12
92090	2	10/12
92150	3	14/12
92153	3	14/12
92170	3	11/12
92214	5	N20/12*
92230	4	N34/12*
92240	4	N33/12*
92242	2	6/12
92280	3	N33/12*
92290	2	11,37/12
92302	2	22,37/12
92310	4	12/12
92320	4	53/11;5,7/12
92330	3	22,37/12
92370	2	14/12
92380	3	53/11;7,10/12
92383	8	N8*,N39/12
92385	5	N21/12*
92390	3	10,26/12
92410	4	10,26/12
92430	1	3,11/12
92470	3	3,11/12
92476	3	N33/12*
93006	3	5,11,22,23,30,31/12
93010	6	37/12
93018	8	37/12
93020	2	31/12
93030	7	9,30,31/12
93032	4	30/12
93036	11	31/12
93042	2	53/11
93044	2	53/11;31/12
93045	2	6,13,30,31/12
93046	1	31/12
93047	2	53/11;30/12
93049	1	53/11;30/12
93160	4	37/12
93180	8	N5,N37/12
93220	7	4/12*
93240	12	13*,37/12
93244	8	3,26,37/12
93245	7	N29/12*
93247	5	5/12
93249	1	37/12
93260	9	6*,8/12
93440	4	15/12
93446	7	15/12
93520	13	31/12
93580	4	N37/12*

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 52/11 THROUGH NM 40/12

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.
93600	4	N37/12*
93610	3	5,40/12
93620	4	15/12
93626	9	15/12
93650	2	30,40/12
93680	3	5/12
93690	3	40/12
93720	11	12,23,27,30,37,40/12
93721	6	N53/11;N10,N12,N17, N20,N22,N27,N28,N32, N36,N37,N40/12
93725	6	14/12
93726	5	3/12
93730	4	12,20,23,30,34,37,39, 40/12
93733	14	N12,N20,N22,N23,N27, N32,N34,N40/12
93734	13	N12,N22,N24,N27, N34/12
93736	25	N17/12
93778	8	3/12
94004	7	52/11*;5,9,18,21,22,26, 37,39/12
94016	3	21,30,39/12
94040	14	5,14,22,23,31/12
94042	9	14,23,30/12
94060	12	5,18,23,31,39/12
94061	6	13,22/12
94063	5	5/12
94067	11	23,31/12
94080	8	9,22,26,37/12
94083	12	13,37/12
94084	1	13,37/12
94120	7	21/12
94122	8	N9,N21/12
94123	10	N6*,N21/12
94124	15	N21,N30/12
94127	3	N53/11*
94160	9	3/12
94165	4	7,39/12
94180	10	3,18/12
94187	4	N36/12*
94188	2	18/12
94203	10	4,8,22/12
94206	3	8,22/12
94207	5	N22/12
94216	8	N39/12
94260	6	22/12
94280	6	N22,N40/12
94281	7	N16,N31,N40/12
94282	9	40/12
94290	3	40/12
94360	7	N37/12*
94361	14	N33/12*
94363	5	N36/12*
94364	1	N8/12*
94420	4	21/12*
94421	11	40/12
94427	2	N40/12
95040	9	20/12
95060	14	20/12
95065	7	N19/12
95066	13	N20,N22/12
95067	16	N19/12
95080	14	53/11;22/12
95083	9	N13/12*
95084	8	N21/12*
95086	6	N17/12*
95100	13	20,22,37/12
95101	9	N17*,N20/12
95103	9	N6*,N20/12
95120	9	6/12
95136	1	N21/12*
95138	9	N17/12
95140	16	53/11;37/12
95141	9	N1*,N19/12
95142	10	N26/12*
95143	12	N17,N20/12
95144	10	13,20/12
95146	16	13,20/12
95147	14	39/12
95149	10	20/12
95151	18	20,22/12
95152	6	20/12
95153	3	20/12
95160	14	53/11;1,20/12
95161	18	N13/12
95162	3	N1/12*
95163	3	N22/12*
95164	5	N22/12*
95167	12	N20/12*
95169	3	N19,N22/12
95171	2	N37/12
95174	2	N27/12*
95177	2	N2/12
95180	13	N1,N37/12
95261	7	9/12**
95263	1	N9/12*
95264	9	N5/12**
95266	1	N5/12*
95273	2	5/12**
95279	1	N5/12*
95284	1	N53/11
95285	3	29/12**
95289	1	N29/12*
95320	15	22/12
96000	5	25/12
96016	7	20/12
96020	4	22/12
96028	5	25/12
96039	8	N38/12*
96041	11	1,16,17,20,22/12
96042	11	1,22,27/12
96043	8	1,16,17,21/12
96044	10	9/12
96060	7	18/12
96200	5	17/12
96320	4	20,38/12
96340	4	38/12
96480	3	25/12
96621	5	52/11
96763	7	21/12
96764	3	22/12
96900	4	17,22/12
96901	3	22/12
96906	2	22/12
96937	2	17/12
96938	4	17/12
96941	8	21/12
96960	3	17/12
97022	1	N5*,N30/12
97033	2	N38/12*
97044	3	N38/12*
97046	2	N12*,N21/12
97055	2	N39/12*
97064	2	39/12**
97082	6	N9/12**
97083	4	N9/12**
97084	1	N9/12*
97085	1	N9/12*
97090	1	N21/12*
97093	1	N26/12*
97095	2	N38/12*
97108	4	38/12**
97135	1	N33/12
97154	2	52/11**
97157	2	53/11
97171	1	N52/11*
97181	20	22/12
97182	14	N21/12**
97188	3	38/12**
97197	1	N29/12*
97211	1	N3/12*
97214	1	N29/12*
97215	1	N20/12*
97220	4	29/12**
97226	7	3/12**
97229	12	29/12**
97230	18	20/12**
97237	6	6/12**
97239	10	8/12
97243	9	N22/12
97256	1	N6/12*
97266	6	N22/12
97270	7	N53/11
97277	12	22/12
97281	3	22/12
97303	3	6/12**
97319	2	N14/12*
97321	2	N13/12*
97324	1	N6/12*
97337	1	N3/12*
97358	1	N6/12*
97370	1	N6/12
97371	1	N13/12*
97380	7	53/11;6/12
97383	16	3/12**
97390	6	N6/12
97392	5	6/12
97396	14	53/11;6/12
97398	4	6/12
97410	9	6/12**
97412	7	53/11
97420	17	53/11;6/12
97425	7	N53/11
97461	9	6/12
97466	3	N13/12**
97472	8	6/12
97480	9	52/11*;21/12
97521	6	4/12
97563	2	4/12**
97568	1	N4/12*
97965	1	N53/11
800273	2	N27/12
800744	1	N53/11;N11,N30,N37/12
801217	1	N6/12
801953	1	N20/12
802202	8	N25/12
803222	1	N20,N22/12
803333	1	N10/12
803427	1	N5*,N17,N20,N22/12
803438	1	N34/12*
803451	1	N20,N22/12
803455	1	N20/12*
803461	1	N13,N22/12
803464	1	N20/12
803468	1	N31/12*
803470	1	N37/12
803479	1	N5/12*
803485	1	N3/12*
803496	1	N20,N22/12
803658	1	N5*,N13,N19,N27,N29, N35/12
803738	1	N20/12
804059	2	N8/12
804567	4	N20/12
805647	2	N27/12
806902	1	N2,N20/12
806921	1	N20/12
806939	1	N22/12
806943	1	N20/12
806946	1	N53/11
806967	1	N1,N2,N20/12
807448	2	N27/12
808528	1	N8,N27/12
808568	1	N31/12**
809055	7	N20/12**
809121	1	N20,N22/12

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 3					
37BHA37443 (7642014014995)	Vieux-Boucau to Bayonne 43 22 12N 1 47 54W 43 51 48N 1 20 06W	50,000	3	7/12	DS	40/12
38XHA38591 (7642014012615)	Arsuk Fjord	40,000	1	7/12	DS	40/12
	REGION 4					
44BHA44057 (7642014012869)	Flensburger Forde (Flensborg Fjord) 54 47 12N 9 24 00E 54 56 12N 9 45 00E Plan: Harbor of Flensburg 54 47 12N 9 25 12E 54 49 30N 9 27 54E	25,000 10,000	6	6/12	DS	40/12
	MISCELLANEOUS CHARTS AND PUBLICATIONS					
DNCDXVDU (7644014946812)	Digital Nautical Chart (DNC)-VPF Database Update (VDU)		136	8/12	DS	40/12

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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SECTION II
NGA/DLIS CATALOG CORRECTIONS

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EFFECTIVE 1 OCTOBER 2012

CHARTS*	CATEGORY	PRICE
Coastal Charts - Harbor and Approach Charts	A	$ 22.25
World General Nautical Charts - World International Charts Series - Display Plotting Charts (Border Strips) Geophysical Data Charts	D	$ 13.75
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Maneuvering Boards (pad of 50) - Great Circle Tracking Charts Display Plotting Charts	F	$ 11.50
Reference Charts (Symbols and Abbreviations - Time Zone) Chart Correction Template - LORAN-C Coverage Diagram Plotting Diagrams - Antarctica Plotting Charts North Atlantic Ocean Training Chart Special Bathymetric Charts of the Mediterranean Sea	G	$ 7.00
Universal Plotting Sheet (pad of 50)	H	$ 11.50

PUBLICATIONS*

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

UNDERSEA FEATURES

Gazetteer of Undersea Features **

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COAST PILOT CORRECTIONS

COAST PILOT 3 45 Ed 2012 Change No. 8
LAST NM 39/12

Chapter 5—Paragraph 121; read:

(121) At **Mile 80.4**, a 2-mile combination of highway bridges and causeways extends southeastward over the Intracoastal Waterway, channels and islands in **Great Egg Harbor Bay** from Somers Point to Ocean City. In 2011, the bridges were under construction. (See **117.1 through 117.59, 117.733, and 117.753,** chapter 2, for drawbridge regulations for the bridges over Ship Channel and the Intracoastal Waterway, respectively.)
(L 323-2012) 40/12

Chapter 12—Paragraph 202; read:

(202) The Eleventh Street Bridge, 2.2 miles above the mouth, was under construction in 2011. Twelfth Street Bridge has a fixed channel span with a clearance of 28 feet. The remaining fixed bridges have a minimum width of 40 feet and clearance of 12 feet. The CSX Railroad Bridge, 3.3 miles above the mouth, has a vertical-lift span with a width of 33 feet and clearance of 5 feet down and 29 feet up. (See **117.1 through 117.59 and 117.253,** chapter 2, for drawbridge regulations.)
(L 287-2012) 40/12

COAST PILOT 6 42 Ed 2012 Change No. 13
LAST NM 39/12

Chapter 12—Paragraph 50; read:

(50) **Course 10,** marked by a **322.1°** lighted range on the south end of Neebish Island, leads northwest for 2.1 miles from the junction with the downbound channel at the upper end of Lower Course 8. The channel has a depth of 27 feet for a least width of 500 feet.
(30/12 CG9) 40/12

Chapter 12—Paragraphs 53 to 54; read:

(53) **Course 8** leads northwest for 1 mile from Johnson Point to **Mirre Point.** The northeast side of the channel has a depth of 21 feet for a width of 400 feet, and the southwest side has a depth of 28 feet for a least width of 600 feet. The deep side of the channel is marked by a **134.9°** lighted range at the lower end and a **314.7°** lighted range at the upper end.

(54) **Course 7, Munuscong Channel,** leads north for 3.2 miles from Mirre Point to **Stribling Point** (46°18'48"N., 84°06'54"W.), the northwest point of St. Joseph Island. The east side of the channel has a depth of 21 feet for a width of 200 feet, and the west side has a depth of 27 feet for a least width of 300 feet. Both east and west sides of the channel are marked by a **176.6°** range at the lower end and by a **356.6°** range at the upper end.
(30/12 CG9; LL 2012) 40/12

Chapter 12—Paragraphs 57 to 58; read:

(57) **Course 6, Middle Neebish Channel,** leads westnorthwest for 3.2 miles from Stribling Point between the north side of Neebish Island and the south side of Sugar Island to the lower end of **Lake Nicolet.** The north side of the channel has a depth of 21 feet for a least width of 200 feet and the south side of the channel has a depth of 28 feet for a least width of 300 feet. The lower end of the channel is marked by a **111.9°** lighted range and at the upper end by a **292°** lighted range. A dike, marked at the center and ends by lights, borders the north side of the channel for 1.2 miles near midlength of the course. The range structures at the upper end of the course are in the open water of Lake Nicolet. They are well protected with riprap and should not be passed close aboard.

(58) **Course 5** leads northwest from the lower end of Lake Nicolet for about 4.5 miles to the junction with the downbound channel near midlake. The east side of the channel has a depth of 21 feet for a width of 200 feet and the west side of the channel has a depth of 27 feet for a least width of 300 feet. The east and west sides of the channel are marked at the lower end by a **150.5°** lighted range.
(30/12 CG9; LL 2012) 40/12

Chapter 12—Paragraph 73; read:

(73) At the upper end of Course 2, Course 1, **Bayfield Channel,** turns west-northwest in the approach to St. Marys Falls Canal. The channel has a depth of 28 feet west to the outer end of East Center Pier of the canal and is marked at the lower end by a **109.2°** lighted range. **Bayfield Dike,** marked by a light, parallels the north channel limit about 1 mile northwest of Mission Point. west of the dike, the north channel limit is marked by lighted buoys.
(30/12 CG9) 40/12

Chapter 12—Paragraph 132; read:

(132) **Vidal Shoals Channel,** the approach to St. Marys Falls Canal, with a depth of 28 feet, leads eastnortheast from **Big Point** for 2.2 miles to the canal entrance. The channel is marked by **076.2°** Vidal Shoals Channel Range.
(30/12 CG9) 40/12

COAST PILOT 9 30 Ed 2012 Change No. 3
LAST NM 38/12

Chapter 5—Paragraph 13; read:

(13) **Latax Rocks**, the northernmost feature of the Kodiak-Afognak-Shuyak group, are three rocky islets lying in line of the trend of the W coast of Shuyak Island. They are 32, 27, and 20 feet high, respectively, the outer one being the lowest and the most ragged. A rock, which uncovers 7 feet, is about 0.5 mile N of the outermost rock, and a reef, which uncovers 6 feet, is about 0.4 mile W of the outermost rock. Several detached shoals are in the vicinity of Latax Rocks. Ships using Stevenson Entrance should pass N of Latax Rocks. **Latax Rocks Light** (58°41'29"N., 152°29'01"W.), 40 feet above the water, is shown from a tower with a red and white diamondshaped daymark on the N end of the northernmost rock.

(10/12 CG17) 40/12

CORRECTIONS TO C. G. LIGHT LIST, VOLUME I ATLANTIC COAST, 2012

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
19111	- Buoy 1	41-29-51.30N 71-23-27.96W					Private aid.
		*					40/12
19112	- Buoy 2	41-29-50.28N 71-23-28.50W					Private aid.
		*					40/12
*19113	- Buoy 3	41-29-49.98N 71-23-18.36W				Green can.	Private aid.
							40/12
*19114	- Buoy 4	41-29-48.96N 71-23-18.60W				Red nun.	Private aid.
							40/12
19830	**Little Gull Island Light**	41-12-22.90N 72-06-24.70W	Fl (2) W 15s	91	18	Gray granite tower, attached to red dwelling on pier.	Emergency light of reduced intensity when main light is extinguished. HORN: 1 blast ev 15s (2s bl).
							* 40/12
20655	- Daybeacon 13						*Remove from list.*
							* 40/12
20660	- Daybeacon 14						*Remove from list.*
							* 40/12
20665	- Daybeacon 15						*Remove from list.*
							* 40/12
20666	- Daybeacon 16						*Remove from list.*
							* 40/12
20667	- Daybeacon 18						*Remove from list.*
							* 40/12
21785	*New London Dumping Ground Lighted Buoy NL*						*Remove from list.*
							* 40/12
26575	*- Channel Lighted Buoy 11*	40-53-51.10N 73-25-31.50W	Fl G 2.5s			Green.	Private aid.
			*				40/12
26630	- Inner Buoy 4	40-54-29.50N 73-25-11.70W				Red nun.	Private aid.
		*					40/12
35025	HIGHLANDS LIGHT	40-23-47.64N 73-59-09.00W	Iso W 10s	246		Brown octagonal-shaped tower.	Obscured from 334° to 140°. Private aid.
			*				40/12
37181	PORT JERSEY CHANNEL RANGE FRONT LIGHT	40-40-28.45N 74-05-26.64W	Q R			KRW on skeleton tower.	Private aid.
		*					40/12
37182	PORT JERSEY CHANNEL RANGE REAR LIGHT 429 yards, 229° from front light.	40-40-34.60N 74-05-41.12W	Iso G 6s			KRW on skeleton tower.	Private aid.
	*	*					40/12
37345	*Kill Van Kull Channel Lighted Buoy 19*	40-38-38.75N 74-09-21.86W	Fl G 4s		3	Green.	
		*					40/12
37400	*- Channel Lighted Buoy 5*	40-39-07.62N 74-08-58.60W	Fl G 2.5s		3	Green.	
		*					40/12

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 II ATLANTIC COAST, 2012

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
1275	*- Lighted Buoy 2*	39-17-12.45N 74-31-36.27W	Fl R 2.5s		5	Red.		
		*						40/12
1590	*- Lighted Buoy 25*	39-07-10.89N 75-13-10.87W	Fl G 4s		6	Green.	Replaced by smaller LIB of reduced intensity when endangered by ice.	
					*			40/12
17090	- LIGHT 7	38-15-25.30N 76-39-52.15W	Fl G 2.5s	15	4	SG on pile.		
					*			40/12
17115	- LIGHT 2SP	38-13-53.50N 76-44-16.76W	Fl R 4s	16	4	TR on pile.	Light equipment removed from Dec. 1 to Mar. 15.	
	*				*			40/12
26435	- LIGHT 6	38-58-49.73N 76-14-29.27W	Q R	15	4	TR on multi-pile.		
		*						40/12
27340	- WRECK LIGHT WR7 Marks sunken barge.	39-23-47.67N 76-15-37.93W	Q G	15	3	SG on multi-pile structure.		
		*						40/12
29670	- Buoy 4	34-31-31.68N 77-20-14.26W				Red nun.		
		*						40/12
29721	- Buoy 10A	34-32-23.08N 77-20-25.43W				Red nun.		
		*						40/12
29725	- Buoy 11	34-32-33.35N 77-20-31.64W				Green can.		
		*						40/12
34805	*- Lighted Buoy 2*	34-42-16.04N 76-40-41.68W	Q R		3	Red.		
		*						40/12
39830	SNOWS CUT RANGE FRONT LIGHT A						*Remove from list.*	
							*	40/12
39835	SNOWS CUT RANGE REAR LIGHT A 200 yards, 245° from front light.						*Remove from list.*	
							*	40/12
*39836	- Daybeacon 164	34-03-04.65N 77-15-15.69W				TR-TY on pile.		
								40/12
39840	SNOWS CUT RANGE FRONT LIGHT B						*Remove from list.*	
							*	40/12
39845	SNOWS CUT RANGE REAR LIGHT B 700 yards, 026° from front light.						*Remove from list.*	
							*	40/12
*39857	- LIGHT 168	34-02-57.31N 77-55-33.23W	Q R	15	4	TR-TY on pile.		
								40/12

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 III ATLANTIC AND GULF COAST, 2012

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
3490	- Daybeacon 37	32-55-08.93N 79-50-19.69W				SG on pile.		
						*		40/12
3495	- Daybeacon 36	32-55-04.91N 79-50-15.16W				TR on pile.		
						*		40/12
21920	- LIGHT 12	27-31-31.98N 82-38-26.23W	Fl R 2.5s		5	TR on pile.		
					*			40/12
22365	*- Lighted Buoy 21*	27-36-28.31N 82-43-00.00W	Fl G 2.5s		4	Green.		
					*			40/12
24715 60525	- LIGHT 4	27-41-40.50N 82-36-31.66W	Q R	16	4	TR-TY on pile.		
					*			40/12
24735.1	- LIGHT 9	27-43-53.11N 82-36-39.82W	Fl G 4s	16	5	SG on pile.		
					*			40/12
32090	*- Lighted Buoy 3*	17-58-02.68N 66-45-53.53W	Fl G 4s		5	Green.		
					*			40/12
34990	- LIGHT 121	32-37-50.01N 80-18-27.45W	Fl G 4s	16	5	SG-SY on pile.		
					*			40/12
37345	- LIGHT 20	31-03-26.70N 81-25-29.46W	Fl R 4s	12	5	TR-TY on pile.		
					*			40/12
37460	DOVER CUT LIGHT A14	31-00-19.02N 81-29-22.20W	Q R	12	4	TR-TY on pile.		
					*			40/12
38885	TOLOMATO RIVER LIGHT 57A	29-54-52.62N 81-17-57.65W	Fl G 4s	16	5	SG-SY on pile.		
					*			40/12
60315	- LIGHT 1	27-37-55.97N 82-40-22.68W	Fl G 4s	16	5	SG on pile.		
					*			40/12
60525 24715	- LIGHT 4	27-41-40.50N 82-36-31.66W	Q R	16	4	TR-TY on pile.		
					*			40/12

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV GULF OF MEXICO, 2012

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
*16542	The Pen Southshore Danger Daybeacons (8)	29-38-34.40N 90-05-41.80W				NW on pile. Marks shoreline restoration structure.	Private aids.	
								40/12
*16542.01	The Pen Southshore Danger Daybeacons (8)	29-38-34.20N 90-05-09.50W				NW on pile. Marks shoreline restoration structure.	Private aids.	
								40/12
*16542.02	The Pen Southshore Danger Daybeacons (6)	29-38-16.50N 90-04-33.80W				NW on pile. Marks shoreline restoration structure.	Private aids.	
								40/12

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 IV GULF OF MEXICO, 2012

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
*16542.03	The Pen Southshore Danger Daybeacons (2)	29-38-02.00N 90-04-03.20W				NW on pile. Marks shoreline restoration structure.	Private aids.	
								40/12
17945	- *Shoal Lighted Buoy 3*	29-03-57.81N 90-48-06.54W	Fl G 2.5s		3	Green.		
		*						40/12
23235	- LIGHT 27	30-03-56.63N 93-43-01.44W	Fl G 4s	17	4	SG on pile.		
		*						40/12
33100	- Buoy 3	30-20-03.82N 87-18-45.92W				Green can with yellow square.		
		*						40/12
35340	- Daybeacon 4	29-56-08.49N 93-06-04.44W				TR-TY on pile.		
		*						40/12

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI PACIFIC COAST AND PACIFIC ISLANDS, 2012

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
8815	- RANGE A FRONT LIGHT	43-21-40.06N 124-19-13.95W	Q W	15		KRB on multi-pile structure.	Visible 4° each side of rangeline.	
				*		*		40/12
8820	- RANGE A REAR LIGHT 327 yards, 223.8° from front light.	43-21-33.07N 124-19-23.13W	Iso W 6s	37		KRB on skeleton tower on multi-pile structure.	Visible 5.5° each side of rangeline.	
	*	*				*		40/12
8845	- RANGE B FRONT LIGHT	43-23-16.66N 124-17-07.14W	Q R	21		KRB on multi-pile structure.	Visible 1.5° each side of rangeline.	
		*				*		40/12
8850	- RANGE B REAR LIGHT 478 yards, 043.8° from front light.	43-23-26.89N 124-16-53.70W	Iso R 6s	39		KRB on skeleton tower on multi-pile structure. On same structure as Jarvis Lower Range A Rear Light.	Visible 1.5° each side of rangeline.	
	*	*				*		40/12
8855	- A FRONT LIGHT	43-22-30.16N 124-17-48.95W	Q R	22		KRB on multi-pile structure.	Visible 1.5° each side of rangeline.	
		*		*		*		40/12
8860	- A REAR LIGHT 276 yards, 204.8° from front light.	43-22-22.75N 124-17-53.65W	Iso R 6s	35		KRB on skeleton tower on multi-pile structure.	Visible 1.5° each side of rangeline.	
	*	*				*		40/12
8910	JARVIS LOWER RANGE A FRONT LIGHT	43-23-35.01N 124-16-51.98W	Q R	23		KRB on multi-pile structure.	Visible 4° each side of rangeline.	
		*				*		40/12
8915	JARVIS LOWER RANGE A REAR LIGHT 275 yards, 188.6° from front light.	43-23-26.94N 124-16-53.66W	Iso R 6s	40		KRB on skeleton tower on multi-pile structure. On same structure as Coos Bay Range B Rear Light.	Visible 4° each side of rangeline.	
	*	*		*		*		40/12
8925	JARVIS LOWER RANGE B FRONT LIGHT	43-25-07.70N 124-16-32.70W	Q R	16		KRB on multi-pile structure.	Visible 4° each side of rangeline.	
		*		*		*		40/12

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

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI PACIFIC COAST AND PACIFIC ISLANDS, 2012

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
8930	JARVIS LOWER RANGE B REAR LIGHT 293 yards, 008.7° from front light.	43-25-16.27N 124-16-30.90W	Iso R 6s	31		KRB on skeleton tower. On same structure as Jarvis Upper Range A Rear Light.	Visible 4° each side of rangeline.	
	*	*		*		*		40/12
8945	JARVIS UPPER RANGE A FRONT LIGHT	43-25-17.99N 124-16-18.43W	Q R	14		KRB on multi-pile structure.	Visible 1.5° each side of rangeline.	
		*		*		*		40/12
8950	JARVIS UPPER RANGE A REAR LIGHT 312 yards, 259.4° from front light.	43-25-16.30N 124-16-30.90W	Iso R 6s	31		KRB on skeleton tower. On same structure as Jarvis Lower Range B Rear Light.	Visible 1.5° each side of rangeline.	
	*	*		*		*		40/12
28007.31	*FAD Site ZZ -Mahukona*	20-09-50.00N 155-57-50.00W	Fl Y 4s			Yellow spherical buoy.	Swing circle radius of up to 3.5 NM from charted position. Private aid.	
		*						40/12
30913	*- Lighted Buoy 1*	15-13-28.85N 145-43-22.18E	Fl G 2.5s			Green nun.	Private aid.	
	*		*					40/12
30914	*- Lighted Buoy 2*	15-13-21.97N 145-43-23.54E	Fl R 2.5s			Red can.	Private aid.	
	*		*					40/12

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VII GREAT LAKES AND THE ST. LAWRENCE RIVER ABOVE THE ST. REGIS RIVER, 2012

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
5250	**Marblehead Light**	41-32-10.75N 82-42-42.55W	Fl G 6s	67 **20**	12	White structure with red trim.		
					*	*		40/12

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

CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2011 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
*18751.3 *F 3808.65*	Dongjiakou Gangqu, Huaneng pier.	35° 35.9′ N 119° 47.7′ E	**F.R.**	39 **12**	8	White fiberglass tower, red bands; 26.		40/12
*19607 *F 3521.13*	Datouzhou, S.	22° 05.7′ N 113° 42.3′ E	**Fl.W.** period 5s fl. 1s, ec. 4s	72 **22**	5	Metal framework tower; 13.		40/12
*19609 *F 3521.15*	Chitan Dao.	22° 07.3′ N 113° 45.7′ E	**Fl.W.** period 3s fl. 1s, ec. 2s	66 **20**	5	Metal framework tower; 13.		40/12
*19612 *F 3523.58*	Guishan Dao.	22° 07.3′ N 113° 49.4′ E	**Fl.W.** period 4s fl. 1s, ec. 3s	66 **20**	5	Metal framework tower; 20.		40/12
*20107 *F 3333*	Santang.	20° 14.4′ N 110° 10.7′ E	**Fl.(2)W.** period 6s	75 **23**	5	White brick tower; 66.		40/12
*20386 *F 3139*	-Range, common front.	11° 55.4′ N 109° 11.4′ E	**Oc.W.**					40/12

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	
356 *B 2336*	-Verlebutka, mole, head.	59° 25.7′ N 10° 39.3′ E *	**Oc.(2)W.R.G.** period 8s	43 **13**	W. 3 R. 2 G. 2	Iron hut on substructure.	G.250° 12′ -009° 06′ ,W.-012° 06′ , R.-031° 12′ , W.-036° 12′ , G.-119° 36′ . **Nautophone:** 1 bl. ev. 20s. *	40/12
12672 *L 3341*	-Sandsoy.	68° 56.8′ N 16° 39.3′ E *	**Oc.(2)W.R.G.** period 8s	66 **20**	W. 5 R. 4 G. 3 *	Iron hut on structure; 20. *	G.000° 06′ -002° 06′ ,R.-143° 18′ , W.-145° 36′ , G.-151° 36′ . *	40/12
12728 *L 3360*	Grotavaer, on point E. of Sandfallet.	68° 58.7′ N 16° 16.4′ E *	**Oc.(2)W.R.G.** period 8s *	23 **7**	W. 6 R. 4 G. 4 *	White lantern; 10. *	G. 037° -068° , R.-078° , G.-148° , R.-165° , W.-176° , G.-191° .	40/12
12730 *L 3469*	-Nergardsvika mole.	69° 00.0′ N 16° 32.2′ E *	**Oc.G.** period 6s lt. 5s, ec. 1s	16 **5** *	1 *	Post; 10. *		40/12
12736 *L 3365*	Grovfjorden Range, front.	68° 40.8′ N 17° 07.1′ E *	**F.R.**	26 **8** *	2 *			40/12

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

CORRECTIONS TO PUB 115, LIST OF LIGHTS, 2012 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
12740 *L 3365.1*	-Rear, 061° 48′ from front.	68° 40.9′ N 17° 07.3′ E	**F.R.**	46 **14**	2			
	*	*		*	*			40/12
12748 *L 3368*	Tovik, pier, head.	68° 40.9′ N 16° 52.2′ E	**Iso.G.** period 2s	26 **8**	1	Iron post; 17.		
		*			*	*		40/12
12764 *L 3382*	Engenes, Vagsfjorden.	68° 55.6′ N 17° 07.2′ E	**Oc.W.R.G.** period 6s	85 **26**	W. 10 R. 8 G. 7	Tripod; 21.	R. 019° -037° 12′ , W.-129° 30′ , G.-157° 42′ , R.-208° 12′ , W.-262° 06′ , G.-290° .	
		*			*	*	*	40/12
12953 *L 3465*	-Broran.	69° 05.2′ N 16° 27.4′ E	**Fl.W.** period 3s fl. 0.3s, ec. 2.7s	36 **11**	4	Lantern on pedestal; 11.		
		*		*	*	*		40/12
12964 *L 3466*	-Barnoyklubben, Sundsvollsund.	69° 01.4′ N 16° 28.9′ E	**Iso.W.R.G.** period 6s	121 **37**	W. 7 R. 5 G. 4	Iron hut; 10.	R. 070° -094° , W.-107° , G.-147° , W.-152° , R.-225° , W.-228° , G.-278° , W.-281° , R.-286° .	
		*			*	*		40/12
12976 *L 3474*	-Halsvaer, Stonglandet.	69° 02.9′ N 17° 00.8′ E	**Oc.(2)W.R.G.** period 8s	26 **8**	W. 7 R. 5 G. 5	Tripod; 28.	G. 309° -352° , W.-024° , R.-076° , W.-090° , G.-164° .	
			*		*	*		40/12
12992 *L 3484.1*	- - -Rear, 96 meters 044° from front.	69° 04.2′ N 16° 48.9′ E	**F.R.**	59 **18**	3	Post; 8.		
		*		*	*	*		40/12
13000 *L 3476*	-Dragoyskjaer, Eidepollen.	69° 03.9′ N 17° 01.0′ E	**Iso.W.R.G.** period 6s	16 **5**	W. 3 R. 3 G. 2	Iron hut on structure; 22.	R. 243° -267° 54′ , W.-282° 30′ , G.-291° 30′ , R.-016° , G.-059° , W.-071° , R.-121° 30′ , G.-151° .	
		*			*	*	*	40/12
13001 *L 3481.5*	-Brodrene.	69° 03.7′ N 16° 46.9′ E	**Iso.R.** period 4s	26 **8**	3	Post; 37. Floodlit.		
		*		*	*	*	*	40/12
13002 *L 3481.8*	-Taegen.	69° 03.1′ N 16° 46.2′ E	**Fl.G.** period 3s	23 **7**	5	Tripod; 33.		
		*	*	*	*	*	*	40/12
13008 *L 3487*	-Skrolsvik.	69° 03.9′ N 16° 47.2′ E	**Q.R.**	33 **10**	3	Metal column; 30.		
		*		*	*	*		40/12

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

CORRECTIONS TO PUB 116, LIST OF LIGHTS, 2012 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
*6465.2 *C 2791.8*	-Zatoka Pomorska.	53° 26.4′ N 14° 34.9′ E	**Fl.G.** period 4s fl. 1s, ec. 3s	23 **7**	1	Green mast on support.	Marks obstruction.	40/12
12229 *C 3495*	-Mersrags Inner Range, front.						*Remove from list.*	40/12
12229.1 *C 3495.1*	- -Rear.						*Remove from list.*	40/12
12230 *C 3495.2*	-266.5° .						*Remove from list.*	40/12
12272 *C 3526*	**-Daugavgrivas.**	57° 03.6′ N 24° 01.3′ E	**Fl.W.** period 2.5s fl. 0.1s, ec. 2.4s	121 **37**	**18**	Round concrete tower with balcony, black and white bands; 115.	Visible 035° -245° . **AIS** (MMSI No 992751075). Pilot station.	
	- -Reserve light.		**Fl.(2)W.** period 7.5s fl. 0.2s, ec. 1.7s fl. 0.2s, ec. 5.4s		**18**	Same structure.		
	*		*			*	*	40/12
12766.1 *C 3783.1*	-Rear, 1297.1 meters 233° 18′ from front.	59° 24.1′ N 24° 12.3′ E	**Iso.R.** period 4s	26 **8**	6	White metal pole, white rectangular daymark, red stripe; 16.	Visible on range line only. Shown from May 1 to Nov. 1.	
				*		*	*	40/12

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

PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 40/12

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;2,3,4,6,7,8,10,11,14,16,18,22,23,25,27,29,31,32,33,34,35,36,37,38,39/12
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;3,4,6,7,8,10,16,17,21,22,25,26,34,36,37,38,39/12
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;1,2,3,4,5,6,13,21,24,26,29,30,31,34,37,38,39,40/12
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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;6,16,21,22,24,25,29,31,33,34,37,39/12
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;1,11,17,20,21,22,26,29,32,33,34,36,37/12
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;4,6,22,36/12
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
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;1,3,4,5,6,8,9,10,12,13,14,16,17,20,21,22,26,27,29,33,34,36,37,38,39/12
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NGA LIST OF LIGHTS		
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PUB 111	2012	34*,36,38,39/12
PUB 112	2011	48*,50,51,52,53/11;1,2,3,4,5,6,7,8,9,10,11,12,13,14,17,18,19,20,21,22,24,25,26,27,30,34,35,36,37,39,40/12
PUB 113	2011	44*,46,47,48,49,50,51,52,53/11;2,3,4,6,7,8,9,11,12,13,14,16,17,19,20,21,23,24,25,26,27,28,29,31,32,34,37,38,39/12
PUB 114	2012	26*,32,33,36/12
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PUB 140	2012	5/12*
PUB 141	2010	28/10*

PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 40/12

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

Publication	Ed.	Notice to Mariners No.
PUB 142	2011	46/11*
PUB 143	2011	33/11*
PUB 145	2012	17/12*
PUB 146	2011	21/11*
PUB 147	2011	30/11*
PUB 148	2011	12/11*
PUB 153	2012	39/12*
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PUB 194	2010	50/10*
PUB 195	2011	20/11*
PUB 200	2011	13/11*
USCG LIGHT LIST VOLUMES I - VII		
VOLUME I	2012	16*,17,18,19,20,21, 22,23,24,25,26,27, 28,29,30,31,32,33, 34,35,36,37,38,39, 40/12
VOLUME II	2012	16*,17,18,19,20,21, 22,23,24,25,26,27, 28,29,30,31,32,33, 34,35,36,37,38,39, 40/12
VOLUME III	2012	14*,15,16,17,18,19, 20,21,22,23,24,25, 26,27,28,29,30,31, 32,33,34,35,36,37, 38,39,40/12
VOLUME IV	2012	16*,17,19,21,22,23, 24,25,26,27,28,29, 31,32,33,34,35,36, 39,40/12
VOLUME V	2012	14/12*
VOLUME VI	2012	14*,15,16,17,18,19, 20,21,22,23,24,25, 26,27,28,29,30,31, 32,33,34,35,36,37, 38,39,40/12
VOLUME VII	2012	14*,15,16,17,18,19, 20,21,22,24,25,26, 27,28,29,30,31,32, 33,34,35,38,39, 40/12
DIGITAL PUBS - QUARTERLY		
DIGITAL PUBS - QUARTERLY	2012	N30/12*
FLEET GUIDES		
PUB 940	2011	N51/11*
PUB 941	2011	N51/11*
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	2013	33/12*
NAUTICAL ALMANAC	2013	34/12*

Publication	Ed.	Notice to Mariners No.
COAST PILOT		
COAST PILOT 1	42	17*,28,33,35,38/12
COAST PILOT 2	41	50/11*;5,11,23,25, 26,27,31,33,35,36, 38,39/12
COAST PILOT 3	45	6*,7,12,16,24,31,33, 39,40/12
COAST PILOT 4	43	44*,47/11;1,5,11,20, 24,27,28,31,33,34, 35,36,38/12
COAST PILOT 5	40	27*,33,36/12
COAST PILOT 6	42	10*,18,20,25,30,34, 35,36,38,39,40/12
COAST PILOT 7	44	53/11*;1,7,8,11,13, 16,18,19,20,24,26, 36,38/12
COAST PILOT 8	34	30*,34,35,36,38/12
COAST PILOT 9	30	35*,36,38,40/12
RADIO NAVIGATIONAL AIDS		
PUB 117	2005	4/05*;9,25/12
AMERICAN PRACTICAL NAVIGATOR		
PUB 9	2002	36/02*;14,38/03; 40/05
INTERNATIONAL CODE OF SIGNALS		
PUB 102	2003	20/03*
WORLD PORT INDEX		
PUB 150	2011	12/11*
DISTANCES BETWEEN PORTS		
PUB 151	2001	4/02*
RADAR NAVIGATION AND MANEUVERING BOARD MANUAL		
PUB 1310	2001	51/01*
SIGHT REDUCTION TABLES (MARINE)		
PUB 229 VOL. 1	1970	11/71*
PUB 229 VOL. 2	1970	11/71*
PUB 229 VOL. 3	1970	7/71*
PUB 229 VOL. 4	1970	3/71*
PUB 229 VOL. 5	1970	3/71*
PUB 229 VOL. 6	1970	23/70*
SIGHT REDUCTION TABLES (AIR)		
PUB 249 VOL. 1	2007	38/07*
PUB 249 VOL. 2	1952	46/52*
PUB 249 VOL. 3	1952	46/52*
CHART NO. 1		
CHART NO. 1	2011	N51/11*
CHART NO. 4		
CHART NO. 4	1988	N23/91*
ATLAS OF PILOT CHARTS		
PUB 106	2002	42/03*
PUB 107	1998	30/99*
PUB 109	2001	49/02*
USCG NAVIGATION RULES		
COMDTINSTM166722 D	1999	44/99*;52/00;16/04
NOS TIDE TABLES		
W PACIFIC/INDIAN OCEAN	2012	N47/11*;N4/12
WEST ATLANTIC	2012	N47/11*
EUROPE/WEST AFRICA	2012	N47/11*
EAST PACIFIC	2012	N47/11*
TIDAL CURRENT TABLES		
ATLANTIC	2012	N47/11*
PACIFIC	2012	N47/11*

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 271500Z September 2012:

2011 series	40(28)	427(24)	511(24)	545(GEN)
385(28)	272(28)	452(14,15)	516(GEN)	547(24)
404(GEN)	286(GEN)	460(24,25)	524(51)	554(GEN)
2012 series	416(24)	470(28)	532(11)	

The summary of all NAVAREA IV messages in force as of 22 December 2011 is given in Section III of NM 53/11. Warnings issued during the subsequent quarters are issued in NM 13/12, 26/12 and 39/12.

NAVAREA IV WARNINGS issued from 201300Z to 271500Z September 2012.

542/12 thru 544/12. CANCELED.

545/12(GEN).
1. NAVAREA IV WARNINGS IN FORCE 220900Z SEP 12. ONLY THOSE WARNINGS ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN. 2012 SERIES: 452(14,15), 460(24,25), 470(28), 511(24), 516(GEN), 524(51), 532(11), 536(14), 544(GEN).
2. THE SUMMARY OF ALL NAVAREA IV WARNINGS IN FORCE AS OF 22 DEC 2011 IS GIVEN IN SEC III OF NM 53/11. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/12, 26/12 AND 39/12.
3. CANCEL NAVAREA IV 531/12.

(220932Z SEP 2012)

546/12. CANCELED.

547/12(24).
NORTH ATLANTIC.
FRENCH GUIANA.
ROCKETS.
1. HAZARDOUS OPERATIONS 1530Z TO 2330Z DAILY 28 SEP THRU 28 OCT IN AREA BOUND BY 05-22N 052-52W, 05-35N 052-46W, 05-27N 052-28W, 05-18N 052-19W, 05-05N 052-30W, 05-10N 052-38W.
2. CANCEL THIS MSG 290030Z OCT 12.

(230803Z SEP 2012)

548/12 thru 553/12. CANCELED.

554/12(GEN).
NORTH AMERICAN ICE SERVICE (NAIS) ICEBERG BULLETIN.
1. 270001Z SEP ICEBERG LIMIT: 52-30N 055-45W, 53-40N 050-30W, 55-00N 050-45W, 60-00N 059-00W.
2. 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.
3. CANCEL THIS MSG 280001Z SEP 12.

(262127Z SEP 2012)

HYDROLANTS

Messages in force 271500Z September 2012:

2008 series	2300(54)	1564(24)	1996(51)	2155(37,43)	2214(57)
1354(24)	2012 series	1597(24)	2004(24)	2158(54)	2216(24)
1463(24)	117(53)	1598(24)	2009(24)	2160(24)	2217(57)
1852(37)	168(51)	1607(37)	2010(24)	2163(24)	2218(43)
2010 series	326(36)	1670(57,61)	2024(37)	2168(36)	2220(55)
845(24)	336(24)	1699(57)	2034(54)	2169(53,56)	2221(54)
2011 series	344(35)	1752(37)	2035(35)	2172(54)	2223(35)
483(24)	441(24)	1801(37)	2038(54)	2173(57)	2224(55)
881(56)	536(51)	1835(57)	2040(25)	2174(52,53)	2225(52)
1291(37)	567(37)	1848(37)	2057(24)	2175(36)	2226(55)
1314(52)	641(35,43)	1850(43)	2068(53)	2177(55)	2230(55)
1318(35)	645(52)	1853(36,37)	2070(GEN)	2178(55)	2232(24)
1331(37,43)	751(37)	1875(GEN)	2083(37)	2189(54,56)	2235(54)
1401(24)	847(24)	1876(52,53)	2100(57)	2191(51)	2237(55)
1617(43)	976(24)	1879(43)	2102(57)	2192(24)	2238(36,37)
1652(35)	1027(51)	1881(GEN)	2103(57)	2193(24)	2241(23,29)
1681(24)	1116(44)	1883(55)	2105(GEN)	2195(43)	2242(24)
1879(24)	1162(57)	1912(37)	2118(35)	2196(GEN)	2243(24)
1880(GEN)	1174(56)	1914(57)	2121(11)	2201(24)	2249(55)
1966(37)	1322(24)	1956(24)	2123(55)	2202(24)	2251(24)
2296(54)	1348(24)	1986(35,43)	2127(57)	2207(24)	2252(24)
2297(54)	1352(36)	1992(52)	2129(11)	2208(51,57)	2254(57)
2298(54)	1491(35)	1993(52)	2143(55)	2209(37)	
2299(54)	1551(37,43)	1995(51)	2152(55)	2212(57)	

The summary of all HYDROLANTS in force as of 22 December 2011 is given in Section III of NM 53/11. Warnings issued during the subsequent quarters are issued in NM 13/12, 26/12 and 39/12.

HYDROLANT WARNINGS issued from 201300Z to 271500Z September 2012.

2173/12(57).
EASTERN SOUTH ATLANTIC.
ANGOLA.
SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE
BY M/V OCEANIC ENDEAVOUR TOWING 12 CABLES
IN AREA BOUND BY
05-31S 011-14E, 05-31S 011-38E,
05-51S 011-38E, 05-51S 011-15E.
FIVE MILE BERTH REQUESTED.

(201151Z SEP 2012)

2174/12(52,53).
WESTERN MEDITERRANEAN SEA.
1. EXERCISE NOBLE MARINER 12 IS A MULTINATIONAL NATO EXERCISE
24 SEP THRU 07 OCT IN AREA BETWEEN
40-00N NORTHWARD AND 003-00E 011-00E.
2. A NUMBER OF AIR, SURFACE AND SUB-SURFACE UNITS FROM
VARIOUS NATIONS ARE PARTICIPATING.
3. NAVAL COOPERATION AND GUIDANCE TO SHIPPING (NCAGS)
ORGANIZATION WILL BE ESTABLISHED TO INTERACT WITH MERCHANT
SHIPPING AND SUPPORT NAVAL OPERATIONS. NAVAL VESSELS AND
AIRCRAFT REGULARLY EXERCISE PREVENTATIVE MEASURES IN
ORDER TO SECURE THE CONTINUOUS AND INNOCENT PASSAGE OF
MERCHANT SHIPPING DURING LIVE OPERATIONS INCLUDING COUNTER
PIRACY. FOR THIS REASON, ALL MERCHANT VESSELS WITHIN OR
ON PASSAGE THROUGH THESE AREAS ARE INVITED TO PARTICIPATE
IN THE EXERCISE ON A NO-COST/NO-DELAY BASIS.
4. FOR VOLUNTARY PARTICIPATION BY MERCHANT VESSELS,
EAST BOUND VESSELS ARE REQUESTED TO REPORT 12 HOURS
BEFORE PASSING 003-00E. WEST BOUND VESSELS 12 HOURS
BEFORE PASSING 011-00E AND VESSELS LEAVING PORTS
WITHIN THE EXERCISE AREA SHOULD REPORT SIX HOURS
BEFORE SAILING TO THE NATO SHIPPING CENTRE:
E-MAIL: INFO@SHIPPING.NATO.INT,
PHONE: 44 19 2395 6574, FAX: 44 192 3956 5754.
5. THE FOLLOWING INFORMATION WILL BE REQUIRED:
A. VESSEL NAME.
B. IMO NUMBER.
C. INMARSAT AND E-MAIL CONTACT DETAILS.
D. CURRENT POSITION.
E. TRANSIT SPEED THROUGH AREA.
F. INTENDED MOVEMENTS.

6. ALL MERCHANT VESSELS WITHIN OR APPROACHING THE EXERCISE
AREA MAY BE CONTACTED BY PARTICIPATING NAVAL VESSELS.
7. CANCEL THIS MSG 08 OCT 12.

(201251Z SEP 2012)

2175/12(36).
ENGLAND-WEST COAST.
CHART 36025
1. METEOROLOGICAL MASTS UNLIT:
A. 53-51.6N 003-17.6W.
B. 53-52.4N 003-12.1W.
2. CANCEL HYDROLANT 1828/12.

(201344Z SEP 2012)

2176/12. CANCELED.

2177/12(55).
BLACK SEA.
UKRAINE.
GUNNERY.
1. GUNNERY EXERCISES 0430Z TO 1730Z DAILY
24 THRU 29 SEP IN AREA BOUND BY
44-52.8N 032-54.9E, 44-44.8N 033-05.9E,
44-44.8N 033-10.7E, 44-51.6N 033-10.9E.
2. CANCEL THIS MSG 291830Z SEP 12.

(201459Z SEP 2012)

2178/12(55).
BLACK SEA.
GUNNERY. MISSILES.
1. HAZARDOUS OPERATIONS 0430Z TO 1730Z DAILY
24 THRU 29 SEP IN AREA BOUND BY
44-42.0N 032-49.0E, 44-36.5N 032-39.9E,
44-41.0N 032-11.9E, 44-48.0N 032-07.9E,
44-59.5N 032-16.4E, 44-54.0N 032-33.0E.
2. CANCEL THIS MSG 291830Z SEP 12.

(201524Z SEP 2012)

2179/12 thru 2188/12. CANCELED.

2189/12(54,56).
EASTERN MEDITERRANEAN SEA.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 230130Z TO 230430Z,
231330Z TO 231630Z, 241330Z TO 241630Z,
260130Z TO 260430Z, 280130Z TO 280430Z,
281930Z TO 282230Z AND 301330Z TO 301630Z SEP
IN AREAS BOUND BY:
A. 34-25N 034-00E, 34-31N 034-10E,
34-25N 034-20E, 34-00N 034-08E,
34-10N 034-00E.
B. 34-23N 034-24E, 34-15N 034-36E,
34-00N 034-33E, 34-00N 034-14E.
2. CANCEL THIS MSG 301730Z SEP 12.

(211714Z SEP 2012)

2190/12. CANCELED.

2191/12(51).
EASTERN NORTH ATLANTIC.
MAURITANIA.
SEISMIC SURVEY 24 SEP UNTIL FURTHER NOTICE
BY M/V WESTERN REGENT TOWING 12 FOUR MILE
LONG CABLES IN AREA BOUND BY
16-55.6N 017-21.4W, 16-40.5N 016-35.5W,
16-13.2N 016-45.4W, 16-26.2N 017-45.4W.
WIDE BERTH REQUESTED.

(212227Z SEP 2012)

2192/12(24).
BRAZIL-SOUTH COAST.
1. SEISMIC SURVEY 220300Z TO 290259Z SEP BY
M/V NPS WG COOK TOWING 12 FIVE MILE
LONG CABLES IN AREA BOUND BY
25-16S 042-35W, 25-33S 042-07W,
25-41S 042-12W, 25-24S 042-41W.
SIX MILE BERTH REQUESTED.
2. CANCEL THIS MSG 290359Z SEP 12.

(220026Z SEP 2012)

2193/12(24).
BRAZIL-SOUTHEAST COAST.
1. SEISMIC SURVEY 220300Z TO 290259Z SEP BY
M/V NPS SANCO STAR AND M/V OCEAN EUROPE
TOWING 300 METER LONG CABLES
IN AREA BOUND BY
22-14.85S 040-03.82W, 22-25.82S 039-58.92W,
22-28.93S 040-01.18W, 22-19.67S 040-07.45W.
SIX MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 2132/12.
3. CANCEL THIS MSG 290359Z SEP 12.

(220035Z SEP 2012)

2194/12. CANCELED.

2195/12(43).
NORTH SEA.
SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE
BY M/V WESTERN PRIDE TOWING EIGHT 2.5 MILE LONG
CABLES IN AREA BETWEEN
59-36N 59-47N AND 001-20E 001-57E.
WIDE BERTH REQUESTED.

(220631Z SEP 2012)

2196/12(GEN).
1. HYDROLANT WARNINGS IN FORCE 220900Z SEP 12. ONLY THOSE
WARNINGS ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2012 SERIES: 1848(37), 1850(43), 1853(36,37), 1855(57),
1875(GEN), 1876(52,53), 1879(43), 1881(GEN), 1883(55),
1912(37), 1914(57), 1956(24), 1973(24), 1983(37), 1986(35,43),
1992(52), 1993(52), 1995(51), 1996(51), 2004(24), 2009(24),
2010(24), 2016(43), 2024(37), 2034(54), 2035(35), 2038(54),
2040(25), 2057(24), 2061(57), 2068(53), 2070(GEN), 2083(37),
2098(55), 2100(57), 2102(57), 2103(57), 2105(GEN), 2118(35),
2121(11), 2123(55), 2127(57), 2129(11), 2134(24), 2143(55),
2152(55), 2155(37,43), 2156(35), 2157(55), 2158(54), 2160(24),
2161(24), 2163(24), 2166(55), 2168(36), 2169(53,56), 2172(54),
2173(57), 2174(52,53), 2175(36), 2176(55), 2177(55), 2178(55),
2179(55), 2180(54), 2183(24), 2184(24), 2185(24), 2189(54,56),
2190(36,37), 2191(51), 2192(24), 2193(24), 2194(24), 2195(43).
2. THE SUMMARY OF ALL HYDROLANT WARNINGS IN FORCE AS OF
22 DEC 2011 IS GIVEN IN SEC III OF NM 53/11. WARNINGS
ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED
IN NM 13/12, 26/12 AND 39/12.
3. CANCEL HYDROLANT 1502/12, 2052/12, 2064/12,
2066/12, 2084/12, 2126/12, 2135/12, 2167/12.

(220934Z SEP 2012)

2197/12 thru 2200/12. CANCELED.

2201/12(24).
BRAZIL-NORTH COAST.
GUNNERY.
1. GUNNERY EXERCISES 281100Z TO 281500Z SEP
IN AREA BOUND BY
03-56.6N 050-26.9W, 03-49.0N 050-36.2W,
03-11.0N 050-04.4W, 03-18.9N 049-55.5W.
2. CANCEL THIS MSG 281600Z SEP 12.

(230133Z SEP 2012)

2202/12(24).
SOUTH ATLANTIC.
PENEDOS DE SAO PEDRO E SAO PAULO.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 281500Z TO 290001Z SEP
WITHIN TEN MILES OF
01-22S 031-30W.
2. CANCEL THIS MSG 290101Z SEP 12.

(230136Z SEP 2012)

2203/12 thru 2206/12. CANCELED.

2207/12(24).
NORTH ATLANTIC.
FRENCH GUIANA.
ROCKETS.
1. HAZARDOUS OPERATIONS 1530Z TO 2359Z DAILY
28 SEP THRU 28 OCT IN AREAS BOUND BY:
A. 05-10N 047-28W, 04-39N 047-30W,
04-43N 048-29W, 05-14N 048-27W.
B. 04-55N 045-44W, 04-39N 045-45W,

04-46N 047-28W, 05-03N 047-27W.
2. CANCEL HYDROLANT 2203/12.
3. CANCEL THIS MSG 290059Z OCT 12.

(230805Z SEP 2012)

2208/12(51,57).
EASTERN ATLANTIC.
GULF OF GUINEA.
ROCKETS.
1. HAZARDOUS OPERATIONS 1959Z TO 0046Z COMMENCING
DAILY 28 SEP THRU 28 OCT IN AREA BOUND BY
01-16N 000-45W, 01-32S 000-57W,
01-09N 016-03W, 02-57N 015-52W.
2. CANCEL THIS MSG 290146Z OCT 12.

(230808Z SEP 2012)

2209/12(37).
SOUTHERN NORTH SEA.
CHART 37166
1. ALL NAVIGATIONAL AIDS AT PLATFORM 49/17-HD
53-29.8N 002-19.4E INOPERATIVE.
2. CANCEL HYDROLANT 1983/12.

(230941Z SEP 2012)

2210/12 and 2211/12. CANCELED.

2212/12(57).
GULF OF GUINEA.
TOGO.
1. SEISMIC SURVEY IN PROGRESS UNTIL 22 NOV
WITHIN THREE MILES OF 06-00.38N 001-21.58E.
WIDE BERTH REQUESTED.
2. CANCEL HYDROLANT 2200/12.
3. CANCEL THIS MSG 23 NOV 12.

(231656Z SEP 2012)

2213/12. CANCELED.

2214/12(57).
EASTERN SOUTH ATLANTIC.
ANGOLA.
1. SURVEY OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE
BY M/V RAMFORM VALIANT TOWING TEN CABLES
IN AREA BETWEEN
10-42.4S 11-49.7S AND 012-34.2E 012-52.5E.
SIX MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 1855/12.

(232236Z SEP 2012)

2215/12. CANCELED.

2216/12(24).
BRAZIL-SOUTH COAST.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 291500Z TO 291700Z SEP,
ALTERNATE 301500Z TO 301700Z SEP
IN AREA BOUND BY
23-02.03S 043-36.03W, 23-03.03S 043-35.03W,
23-21.54S 043-50.49W, 23-13.05S 043-56.99W.
2. CANCEL THIS MSG 301800Z SEP 12.

(240122Z SEP 2012)

2217/12(57).
EASTERN SOUTH ATLANTIC.
DISTRESS SIGNAL RECEIVED VICINITY 47-48S 005-58E
AT 240250Z SEP. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO MRCC CAPE TOWN OR CAPE TOWN RADIO.

(240407Z SEP 2012)

2218/12(43).
ARCTIC.
BARENTS SEA.
1. SEISMIC SURVEY 25 SEP UNTIL FURTHER NOTICE
BY M/V OSPREY EXPLORER TOWING 12000 METER
LONG CABLE IN AREA BOUND BY
71-20.0N 028-50.9E, 73-05.4N 032-15.7E,
71-26.6N 032-16.9E, 70-50.0N 031-08.9E.
EIGHT MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 2016/12.

(240726Z SEP 2012)

2219/12. CANCELED.

2220/12(55).
BLACK SEA.
GEORGIA.
MISSILES. GUNNERY.
1. HAZARDOUS OPERATIONS 240200Z TO 301800Z SEP
IN AREA BOUND BY
42-45N 040-11E, 43-00N 040-30E,
42-37N 041-00E, 42-23N 040-41E.
2. CANCEL THIS MSG 301900Z SEP 12.

(240933Z SEP 2012)

2221/12(54).
AEGEAN SEA.
1. SALVAGE OPERATIONS IN PROGRESS UNTIL 301700Z SEP
BY M/V TCG SAPANCA AND M/V TCG ISIN IN AREA BETWEEN
39-15.45N 39-20.45N AND 025-10.50E 025-04.00E.
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 301800Z SEP 12.

(240939Z SEP 2012)

2222/12. CANCELED.

2223/12(35).
SCOTLAND-NORTH COAST.
FAIR ISLE CHANNEL.
UNDERWATER OPERATIONS IN PROGRESS UNTIL FURTHER
NOTICE BY CABLESHIP RENE DESCARTES
VICINITY OF TRACKLINE BETWEEN
59-41.2N 001-21.9W AND 59-43.4N 001-34.8W.
WIDE BERTH REQUESTED.

(241107Z SEP 2012)

2224/12(55).
BLACK SEA.
RUSSIA.
GUNNERY. MISSILES.
1. HAZARDOUS OPERATIONS 0100Z TO 1200Z DAILY
25 THRU 27 SEP IN AREA BOUND BY
44-39.0N 036-42.0E, 44-58.0N 036-38.0E,
45-03.0N 036-42.0E, 45-03.0N 037-00.0E,
44-39.0N 037-16.0E, 44-38.0N 037-09.0E.
2. CANCEL THIS MSG 271300Z SEP 12.

(241214Z SEP 2012)

2225/12(52).
TUNISIA-EAST COAST.
1. SEISMIC SURVEY IN PROGRESS UNTIL 252359Z OCT
BY M/V TASMAN TOWING EIGHT 5000 METER
LONG CABLES IN AREA BOUND BY
35-17N 011-37E, 35-40N 011-37E,
35-40N 011-11E, 35-17N 011-10E.
FIVE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 260059Z OCT 12.

(241244Z SEP 2012)

2226/12(55).
BLACK SEA.
1. SURVEY OPERATIONS 25 SEP THRU 04 OCT
BY M/V AKADEMIK GOLITSIN ALONG TRACKLINE JOINING
42-48.35N 030-34.62E, 43-07.52N 034-14.13E,
43-25.15N 036-13.33E.
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 05 OCT 12.

(241309Z SEP 2012)

2227/12 thru 2229/12. CANCELED.

2230/12(55).
BLACK SEA.
UKRAINE.
MISSILES.
1. HAZARDOUS OPERATIONS 250330Z TO 281830Z SEP
IN AREA BOUND BY
45-03.5N 036-06.9E, 44-48.7N 036-17.5E,
44-17.5N 036-23.4E, 44-10.3N 036-20.5E,
44-04.7N 036-06.2E, 44-04.0N 035-40.8E,
44-20.0N 035-21.8E, 44-56.0N 035-26.0E,
45-06.5N 035-29.5E.
2. CANCEL HYDROLANT 2179/12.
3. CANCEL THIS MSG 281930Z SEP 12.

(242253Z SEP 2012)

2231/12. CANCELED.

2232/12(24).
BRAZIL-NORTH COAST.
1. SEISMIC SURVEY BY M/V HAWK EXPLORER TOWING
5.4 MILE LONG CABLES:
A. IN PROGRESS ALONG TRACKLINE BETWEEN
04-54.77N 048-42.68W AND 04-58.83N 048-39.13W.
B. 26 SEP ALONG TRACKLINE BETWEEN
06-15.80N 050-06.98W AND 06-19.92N 050-03.48W.
C. 27 SEP ALONG TRACKLINE BETWEEN
05-32.12N 047-30.35W AND 03-54.40N 048-56.03W.
D. 28 SEP ALONG TRACKLINE BETWEEN
05-39.28N 047-38.48W AND 04-01.02N 049-04.60W.
E. 29 SEP ALONG TRACKLINE BETWEEN
05-37.27N 047-39.55W AND 04-58.83N 048-39.13W.
F. 30 SEP ALONG TRACKLINE BETWEEN
05-02.90N 048-35.55W AND 05-39.28N 047-38.48W.
SEVEN MILE BERTH REQUESTED.
2. CANCEL THIS MSG 01 OCT 12.

(250048Z SEP 2012)

2233/12 and 2234/12. CANCELED.

2235/12(54).
AEGEAN SEA.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 1600Z TO 2000Z DAILY
25 THRU 27 SEP IN AREA BOUND BY
36-56N 023-29E, 36-42N 023-32E,
36-41N 023-48E, 36-47N 023-55E.
2. CANCEL THIS MSG 272100Z SEP 12.

(250626Z SEP 2012)

2236/12. CANCELED.

2237/12(55).
BLACK SEA.
UKRAINE.
1. PIPELAYING OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE
BY BARGE GMC PRIDE ALONG TRACKLINES BETWEEN:
A. 45-42.3N 031-52.4E AND 45-41.0N 031-49.0E.
B. 45-39.6N 031-44.1E AND 45-22.2N 030-55.5E.
ONE MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 2098/12.

(251224Z SEP 2012)

2238/12(36,37).
CELTIC SEA.
ENGLAND-SOUTHWEST COAST.
1. CONTAINER ADRIFT VICINITY 49-26.1N 006-54.3W
AT 251205Z SEP.
2. CANCEL THIS MSG 281415Z SEP 12.

(251415Z SEP 2012)

2239/12 and 2240/12. CANCELED.

2241/12(23,29).
SOUTH ATLANTIC.
SCOTIA SEA.
ICE.
1. ICEBERGS REPORTED ON 25 SEP:
A. C19C, 52-28S 037-12W.
B. B15F, 55-32S 034-32W.
2. CANCEL THIS MSG 282235Z SEP 12.

(252237Z SEP 2012)

2242/12(24).
BRAZIL-EAST COAST.
1. SEISMIC SURVEY IN PROGRESS UNTIL 28 SEP
BY M/V HARRIER EXPLORER TOWING
6.5 MILE LONG CABLES IN AREA BOUND BY
13-34.6S 038-35.5W, 13-00.8S 038-02.8W,
13-00.9S 036-16.6W, 13-31.8S 036-22.6W,
16-00.0S 036-19.5W, 16-00.4S 037-43.9W,
15-27.5S 038-15.3W, 14-44.9S 038-35.5W.
EIGHT MILE BERTH REQUESTED.
2. CANCEL THIS MSG 29 SEP 12.

(260643Z SEP 2012)

2243/12(24).
BRAZIL-SOUTHEAST COAST.
CHART 24008
RADIOBEACON AND DGPS STATION AT CABO SAO TOME LIGHT
22-02.5S 041-03.2W OFF AIR.

(260647Z SEP 2012)

2244/12 thru 2248/12. CANCELED.

2249/12(55).
BLACK SEA.
UKRAINE.
1. SEISMIC SURVEY IN PROGRESS UNTIL 30 SEP
BY M/V ISKATEL TOWING 0.5 MILE LONG CABLE
IN AREA BOUND BY
45-44N 031-28E, 45-49N 032-03E,
45-11N 032-04E, 45-11N 031-31E.
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 01 OCT 12.

(262234Z SEP 2012)

2250/12. CANCELED.

2251/12(24).
BRAZIL-NORTH COAST.
CHART 24290
SALINOPOLIS LIGHT 00-36.9S 047-21.4W UNLIT.

(270114Z SEP 2012)

2252/12(24).
BRAZIL-NORTH COAST.
1. HYDROGRAPHIC SURVEY IN PROGRESS UNTIL 30 SEP
IN AREA BETWEEN
02-20.27S 02-20.65S AND 044-04.22W 044-14.77W.
2. CANCEL THIS MSG 01 OCT 12.

(270204Z SEP 2012)

2253/12. CANCELED.

2254/12(57).
EASTERN SOUTH ATLANTIC.
ANGOLA.
1. SURVEY OPERATIONS IN PROGRESS UNTIL 25 NOV
BY M/V RAMFORM VANGUARD TOWING 12 CABLES
IN AREA BOUND BY
07-22.1S 012-02.0E, 07-20.4S 012-08.0E,
07-27.8S 012-15.5E, 07-49.7S 012-06.0E,
07-52.1S 011-57.7E, 07-50.2S 011-53.3E,
07-47.4S 011-51.1E.
SIX MILE BERTH REQUESTED.
2. CANCEL THIS MSG 26 NOV 12..

(270811Z SEP 2012)

2255/12. CANCELED.

NAVAREA XII

Messages in force 271500Z September 2012:

2011 series	2012 series	181(21)	237(18)	248(18)	263(19)
198(21)	110(97)	200(17)	245(GEN)	261(GEN)	

The summary of all NAVAREA XII messages in force as of 22 December 2011 is given in Section III of NM 53/11. Warnings issued during the subsequent quarters are issued in NM 13/12, 26/12 and 39/12.

NAVAREA XII WARNINGS issued from 201300Z to 271500Z September 2012.

260/12. CANCELED.

261/12(GEN).
1. NAVAREA XII WARNINGS IN FORCE 220900Z SEP 12. ONLY THOSE WARNINGS ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN. 2012 SERIES: 237(18), 245(GEN), 248(18), 260(19).
2. THE SUMMARY OF ALL NAVAREA XII WARNINGS IN FORCE AS OF 22 DEC 2011 IS GIVEN IN SEC III OF NM 53/11. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/12, 26/12 AND 39/12.
3. CANCEL NAVAREA XII 253/12.

(220937Z SEP 2012)

262/12. CANCELED.

263/12(19).
EASTERN NORTH PACIFIC.
1. DERELICT 40 FOOT VESSEL, WHITE AND RED HULL, DISABLED AND ADRIFT VICINITY 27-18.4N 144-16.8W. REPORTS TO JRCC HONOLULU, TELEX: 392401, PHONE: 808 535 3333, FAX: 808 535 3338, E-MAIL: JRCCHONOLULU@USCG.MIL.
2. CANCEL THIS MSG 281100Z SEP 12.

(251106Z SEP 2012)

HYDROPACS

Messages in force 271500Z September 2012:

2010 series	1079(97)	2118(63)	2514(63)	2668(74)	2702(97)
1594(63)	1158(61)	2133(94)	2518(74)	2671(95)	2703(63)
2653(62)	1222(97)	2348(94)	2533(62)	2672(95)	2704(74)
2011 series	1357(91)	2365(GEN)	2546(94)	2673(95)	2705(94)
1561(56)	1377(94,95)	2366(76,83)	2562(GEN)	2675(76)	2706(94)
1701(63)	1456(62)	2375(74)	2588(71)	2681(71)	2707(63)
2286(71)	1554(96)	2389(94,97)	2589(74)	2682(93)	2708(63)
2555(62)	1555(96)	2414(62)	2593(63)	2683(22)	2709(21)
2812(71)	1578(93)	2442(96)	2599(93)	2684(22)	2710(63)
2877(96)	1626(96)	2454(21)	2604(93)	2685(94)	2714(96)
3480(96)	1734(GEN)	2455(97)	2605(93)	2690(83)	2715(96)
3539(95)	1818(96)	2471(63)	2608(22)	2691(95)	2716(61)
3552(96)	1824(76)	2478(94)	2621(93)	2692(94)	2717(97)
2012 series	1847(63)	2479(94)	2622(74)	2694(22)	2718(94)
7(62)	1906(76)	2480(94)	2624(71)	2695(GEN)	2719(94)
166(62)	1972(91,94)	2486(63)	2627(63)	2697(22)	2720(94)
354(93)	2002(91)	2500(93)	2631(18,19)	2698(81)	2723(22)
408(94)	2084(93)	2506(63)	2639(93)	2700(81,91)	2725(81)
1042(93)	2103(57,61)	2511(95)	2659(63)	2701(76)	2726(61)

The summary of all HYDROPACS in force as of 22 December 2011 is given in Section III of NM 53/11. Warnings issued during the subsequent quarters are issued in NM 13/12, 26/12 and 39/12.

HYDROPAC WARNINGS issued from 201300Z to 271500Z September 2012.

2680/12. CANCELED.

2681/12(71).
SOUTH CHINA SEA.
1. SEISMIC SURVEY 21 SEP THRU 15 DEC BY
M/V RAMFORM EXPLORER TOWING TEN FIVE MILE
LONG CABLES IN AREA BOUND BY
06-50N 115-00E, 06-58N 115-06E,
06-49N 115-29E, 06-18N 115-23E.
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 16 DEC 12.

(202149Z SEP 2012)

2682/12(93).
SOUTH CHINA SEA.
F/V QNG 95499-TS REPORTS CREWMAN REQUIRING MEDICAL
ASSISTANCE IN 12-51N 113-00E AT 210100Z SEP.
VESSELS IN VICINITY ABLE TO PROVIDE MEDICAL
ASSISTANCE REQUESTED TO ASSIST IF POSSIBLE.
REPORTS TO MRCC VIETNAM.

(210318Z SEP 2012)

2683/12(22).
EASTERN SOUTH PACIFIC.
CHILE.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 1230Z TO 1630Z DAILY
26 AND 27 SEP AND 1030Z TO 1500Z DAILY
30 SEP AND 03 OCT IN AREA BETWEEN
19-45.0S 20-00.0S AND 070-35.0W 070-24.4W.
2. CANCEL THIS MSG 031600Z OCT 12.

(210456Z SEP 2012)

2684/12(22).
EASTERN SOUTH PACIFIC.
CHILE.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 1230Z TO 1630Z DAILY
26 AND 27 SEP AND 1030Z TO 1500Z DAILY
30 SEP AND 03 OCT IN AREA BETWEEN
20-33.0S 20-48.0S AND 070-35.0W 070-24.1W.
2. CANCEL THIS MSG 031600Z OCT 12.

(210505Z SEP 2012)

2685/12(94).
PHILIPPINE SEA.
TAIWAN-EAST COAST.
GUNNERY.
1. GUNNERY EXERCISES 2300Z TO 0430Z COMMENCING
DAILY 21 SEP THRU 04 OCT, 0530Z TO 0930Z
DAILY 21 SEP THRU 05 OCT:
A. IN AREA BOUND BY
23-43.0N 122-05.0E, 23-43.0N 122-38.0E,
23-20.0N 122-38.0E, 23-00.0N 122-05.0E.
B. WITHIN 31 MILES OF 23-26.5N 122-21.5E.
2. CANCEL THIS MSG 051030Z OCT 12.

(210517Z SEP 2012)

2686/12 thru 2689/12. CANCELED.

2690/12(83).
SOUTH PACIFIC.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS:
A. 270215Z TO 270520Z SEP IN AREA BOUND BY
50-19S 157-24W, 47-51S 143-48W,
43-57S 131-46W, 45-31S 130-30W,
47-56S 136-23W, 51-16S 149-37W,
52-06S 156-55W.
B. 272035Z TO 272340Z SEP IN AREA BOUND BY
34-35S 143-54W, 40-53S 133-39W,
46-07S 121-28W, 47-43S 122-38W,
45-30S 129-09W, 39-33S 140-24W,
35-55S 145-22W.
C. 280225Z TO 280530Z SEP IN AREA BOUND BY
48-56S 156-43W, 45-29S 144-14W,
40-51S 133-25W, 42-20S 132-02W,
45-05S 137-18W, 49-17S 149-11W,
50-39S 155-53W.
2. CANCEL THIS MSG 280630Z SEP 12.

(211300Z SEP 2012)

2691/12(95).
YELLOW SEA.
GUNNERY.
1. GUNNERY EXERCISES 0400Z TO 0800Z DAILY
24 THRU 28 SEP IN AREA BOUND BY
37-35N 124-41E, 37-35N 124-44E,
37-30N 124-44E, 37-30N 124-46E,
37-25N 124-46E, 37-25N 124-42E.
2. CANCEL HYDROPAC 2642/12(61,63,71).
3. CANCEL THIS MSG 280900Z SEP 12.

(211441Z SEP 2012)

2692/12(94).
WESTERN NORTH PACIFIC.
TAIWAN-EAST COAST.
GUNNERY.
1. GUNNERY EXERCISES 1300Z TO 1600Z DAILY
26 AND 27 SEP IN AREA BOUND BY
24-24N 122-20E, 24-24N 122-38E,
23-52N 122-50E, 22-30N 122-50E,
22-06N 122-30E, 22-06N 120-52E,
22-25N 120-56E, 22-36N 121-38E.
2. CANCEL THIS MSG 271700Z SEP 12.

(211504Z SEP 2012)

2693/12. CANCELED.

2694/12(22).
EASTERN SOUTH PACIFIC.
CHILE.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 1300Z TO 2100Z DAILY
28 SEP THRU 05 OCT IN AREA BOUND BY
32-20.0S 071-58.0W, 32-37.0S 071-46.5W,
32-46.5S 072-07.0W, 32-29.5S 072-18.0W.
2. CANCEL THIS MSG 052200Z OCT 12.

(220101Z SEP 2012)

2695/12(GEN).
1. HYDROPAC WARNINGS IN FORCE 220900Z SEP 12. ONLY THOSE
WARNINGS ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2012 SERIES: 2348(94), 2365(GEN), 2366(76,83), 2375(74),
2389(94,97), 2414(62), 2442(96), 2454(21), 2455(97), 2471(63),

2478(94), 2479(94), 2480(94), 2486(63), 2500(93), 2506(63),
2511(95), 2514(63), 2518(74), 2533(62), 2539(83), 2546(94),
2562(GEN), 2588(71), 2589(74), 2593(63), 2599(93), 2604(93),
2605(93), 2608(22), 2621(93), 2622(74), 2624(71), 2627(63),
2631(18,19), 2639(93), 2650(63), 2659(63), 2668(74), 2671(95),
2672(95), 2673(95), 2674(95), 2675(76), 2678(63), 2680(63),
2681(71), 2682(93), 2683(22), 2684(22), 2685(94), 2687(63),
2689(81), 2690(83), 2691(95), 2692(94), 2694(22).
2. THE SUMMARY OF ALL HYDROPAC WARNINGS IN FORCE AS OF
22 DEC 2011 IS GIVEN IN SEC III OF NM 53/11. WARNINGS
ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED
IN NM 13/12, 26/12 AND 39/12.
3. CANCEL HYDROPAC 2316/12, 2595/12, 2637/12,
2641/12, 2656/12, 2658/12, 2676/12,
2679/12, 2693/12.

(220939Z SEP 2012)

2696/12. CANCELED.

2697/12(22).
EASTERN SOUTH PACIFIC.
CHILE.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 271300Z TO 271500Z SEP
IN AREA BETWEEN
28-20S 28-25S AND 071-25W 071-20W.
2. CANCEL THIS MSG 271600Z SEP 12.

(221638Z SEP 2012)

2698/12(81).
NORTH PACIFIC.
MARIANA ISLANDS.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 0001Z TO 1300Z
DAILY 24 THRU 30 SEP
WITHIN TEN MILES OF 16-01N 146-04E.
2. CANCEL THIS MSG 301400Z SEP 12.

(222149Z SEP 2012)

2699/12. CANCELED.

2700/12(81,91).
SOUTH CHINA SEA.
PHILIPPINE SEA.
DISTRESS SIGNALS RECEIVED ON 406 MHZ AT 221148Z SEP IN:
A. 15-13-40N 118-43-44E.
B. 19-37-30N 137-42-28E.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO JAPAN COAST GUARD.

(222343Z SEP 2012)

2701/12(76).
NEW ZEALAND-NORTH COAST.
BAY OF ISLANDS.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 272300Z TO 280200Z SEP
IN AREA BETWEEN
34-30S 35-00S AND 174-50E 174-15E.
2. CANCEL THIS MSG 280300Z SEP 12.

(230050Z SEP 2012)

2702/12(97).
WESTERN NORTH PACIFIC.
JAPAN.
DISTRESS SIGNAL RECEIVED ON 406 MHZ IN
26-46-51N 134-51-25E AT 221311Z SEP.
VESSELS IN VICINITY REQUESTED TO KEEP
A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO JAPAN COAST GUARD.

(230506Z SEP 2012)

2703/12(63).
INDIA-EAST COAST.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 280530Z TO 280730Z SEP
WITHIN 11 MILES OF 13-07.02N 080-18.01E
BETWEEN 045 DEGREES AND 075 DEGREES.
2. CANCEL THIS MSG 280830Z SEP 12.

(232144Z SEP 2012)

2704/12(74).
AUSTRALIA-EAST COAST.
CHART 74003
BRISBANE DGPS STATION 27-04S 153-03E INOPERATIVE.

(240023Z SEP 2012)

2705/12(94).
TAIWAN STRAIT.
GUNNERY.
1. GUNNERY EXERCISES 2300Z TO 0430Z COMMENCING DAILY
23 THRU 27 SEP AND 0530Z TO 0930Z DAILY 24 THRU 28 SEP:
A. IN AREA BOUND BY
23-51N 118-54E, 23-34N 119-15E,
23-04N 118-23E, 23-08N 118-13E.
B. WITHIN 15 MILES OF 23-27N 118-50E.
2. CANCEL THIS MSG 281030Z SEP 12.

(240514Z SEP 2012)

2706/12(94).
TAIWAN STRAIT.
GUNNERY.
1. GUNNERY EXERCISES 2300Z TO 0430Z COMMENCING DAILY
23 THRU 27 SEP AND 0530Z TO 0930Z DAILY 24 THRU 28 SEP:
A. IN AREA BOUND BY
22-34N 118-55E, 22-59N 119-39E,
22-16N 119-37E, 22-21N 118-55E.
B. WITHIN 29 MILES OF 22-34N 119-16E.
2. CANCEL THIS MSG 281030Z SEP 12.

(240517Z SEP 2012)

2707/12(63).
INDIA-EAST COAST.
BAY OF BENGAL.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 0230Z TO 1130Z DAILY
29 AND 30 SEP IN AREA BETWEEN
13-30N 14-30N AND 081-50E 082-40E.
2. CANCEL THIS MSG 301230Z SEP 12.

(240652Z SEP 2012)

2708/12(63).
INDIA-EAST COAST.
BAY OF BENGAL.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 0230Z TO 1130Z DAILY
01 THRU 07 AND 15 THRU 21 OCT
WITHIN FIVE MILES OF 13-50N 081-40E.
2. CANCEL THIS MSG 211230Z OCT 12.

(241420Z SEP 2012)

2709/12(21).
EASTERN NORTH PACIFIC.
MEXICO.
DISTRESS SIGNAL RECEIVED FROM M/V SUSANNE IN
11-56N 097-33W. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO U.S. COAST GUARD ALAMEDA,
TELEX: 2301 72343, PHONE: 510 437 3701,
E-MAIL: RCCALAMEDA@USCG.MIL.

(250128Z SEP 2012)

2710/12(63).
INDIA-EAST COAST.
BAY OF BENGAL.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 0330Z TO 0830Z DAILY
30 SEP AND 01 OCT IN AREA BOUND BY
16-09.0N 083-59.0E, 15-26.5N 084-44.0E,
14-38.0N 084-07.5E, 15-20.0N 083-24.0E.
2. CANCEL THIS MSG 010930Z OCT 12.

(250549Z SEP 2012)

2711/12 thru 2713/12. CANCELED.

2714/12(96).
RUSSIA-EAST COAST.
PROLIV NEVEL'SKOGO.
1. CABLE LAYING OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE
ALONG TRACKLINE JOINING
52-12.67N 141-31.39E, 52-12.73N 141-31.62E,

52-12.72N 141-31.84E, 52-12.79N 141-32.97E,
52-12.79N 141-33.30E, 52-12.79N 141-33.37E,
52-12.80N 141-33.46E, 52-12.83N 141-33.80E,
52-12.86N 141-34.25E, 52-12.88N 141-34.50E,
52-12.91N 141-34.97E, 52-12.91N 141-35.16E,
52-12.92N 141-35.40E, 52-12.96N 141-35.90E,
52-12.97N 141-36.11E, 52-12.99N 141-36.52E,
52-13.01N 141-36.89E, 52-13.02N 141-37.07E,
52-13.05N 141-37.41E, 52-13.07N 141-37.75E,
52-13.07N 141-37.93E, 52-13.09N 141-38.09E,
52-13.10N 141-38.16E, 52-13.11N 141-38.29E,
52-13.12N 141-38.48E, 52-13.13N 141-38.64E,
52-13.13N 141-38.68E.
2. CANCEL HYDROPAC 1593/12.

(260950Z SEP 2012)

2715/12(96).
RUSSIA-EAST COAST.
PROLIV NEVEL'SKOGO.
CABLE LAYING OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE
ALONG TRACKLINE JOINING
52-12.66N 141-31.38E, 52-12.65N 141-31.52E,
52-12.67N 141-31.64E, 52-12.67N 141-31.76E,
52-12.68N 141-31.96E, 52-12.69N 141-32.19E,
52-12.70N 141-32.38E, 52-12.73N 141-32.83E,
52-12.73N 141-33.08E, 52-12.76N 141-33.50E,
52-12.79N 141-33.87E, 52-12.80N 141-34.07E,
52-12.81N 141-34.30E, 52-12.84N 141-34.77E,
52-12.91N 141-35.81E, 52-12.97N 141-37.09E,
52-12.97N 141-37.20E, 52-12.99N 141-37.42E,
52-13.01N 141-37.56E, 52-13.03N 141-37.73E,
52-13.04N 141-37.95E, 52-13.06N 141-38.14E,
52-13.11N 141-38.65E, 52-13.13N 141-38.66E.

(261024Z SEP 2012)

2716/12(61).
MOZAMBIQUE CHANNEL.
DISTRESS SIGNAL RECEIVED FROM M/V EVERTON,
16 PERSONS ON BOARD, IN 20-20S 037-58E AT
261014Z SEP. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO JRCC STAVANGER, PHONE: 475 151 7000,
FAX: 475 165 2334.

(261201Z SEP 2012)

2717/12(97).
WESTERN NORTH PACIFIC.
JAPAN.
NAMPO SHOTO.
GUNNERY.
1. GUNNERY EXERCISES 2300Z TO 0900Z COMMENCING
DAILY 30 SEP THRU 30 OCT IN AREA BOUND BY
27-55-15N 144-57-48E, 28-15-15N 146-29-47E,
25-25-16N 147-37-47E, 25-00-16N 145-35-48E.
2. CANCEL THIS MSG 311000Z OCT 12.

(261218Z SEP 2012)

2718/12(94).
TAIWAN STRAIT.
GUNNERY.
1. GUNNERY EXERCISES 0001Z TO 0900Z DAILY
01 THRU 05, 08 THRU 12, 15 THRU 19,
22 THRU 26 AND 29 THRU 31 OCT:
A. IN AREA BETWEEN
23-29.9N 23-39.9N AND 119-05.5E 119-15.5E.
B. WITHIN TEN MILES OF 23-34.9N 119-10.5E.
2. CANCEL THIS MSG 311000Z OCT 12.

(261230Z SEP 2012)

2719/12(94).
TAIWAN STRAIT.
GUNNERY.
1. GUNNERY EXERCISES 0001Z TO 0900Z DAILY
01 THRU 05, 08 THRU 12, 15 THRU 19,
22 THRU 26 AND 29 THRU 31 OCT:
A. IN AREA BETWEEN
22-34.9N 22-54.9N AND 119-25.5E 119-45.5E.
B. WITHIN 15 MILES OF 22-44.9N 119-35.5E.
2. CANCEL THIS MSG 311000Z OCT 12.

(261237Z SEP 2012)

2720/12(94).
WESTERN NORTH PACIFIC.
TAIWAN-SOUTHEAST COAST.
GUNNERY.
1. GUNNERY EXERCISES 2300Z TO 0400Z COMMENCING
DAILY 30 SEP THRU 04, 07 THRU 11, 14 THRU 18,
21 THRU 25 AND 28 THRU 30 OCT, 0600Z TO 0900Z
DAILY 01 THRU 05, 08 THRU 12, 15 THRU 19,
22 THRU 26 AND 29 THRU 31 OCT IN AREA BOUND BY
22-26.9N 122-00.5E, 21-32.9N 122-00.5E,
21-41.9N 121-40.5E, 22-14.9N 121-40.5E.
2. CANCEL THIS MSG 311000Z OCT 12.

(261310Z SEP 2012)

2721/12 and 2722/12. CANCELED.

2723/12(22).
EASTERN SOUTH PACIFIC.
CHILE.
RADIO SERVICES.
MAGALLANES RADIO MF AND HF DSC OFF AIR.
PUERTO MONTT RADIO ASSUMES CONTROL.

(270041Z SEP 2012)

2724/12. CANCELED.

2725/12(81).
NORTH PACIFIC.
MARIANA ISLANDS.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 1401Z TO 1359Z
COMMENCING DAILY 27 SEP THRU 04 OCT
WITHIN TEN MILES OF 16-01N 146-04E.
2. CANCEL THIS MSG 051459Z OCT 12.

(270522Z SEP 2012)

2726/12(61).
INDIAN OCEAN.
M/V ROSHAN 1, 30 PERSONS ON BOARD, DISABLED AND
ADRIFT IN 02-12S 083-06E. VESSELS IN VICINITY
REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST
IF POSSIBLE. REPORTS TO RCC AUSTRALIA,
PHONE: 612 6230 6811, FAX: 612 6230 6868,
E-MAIL: RCCAUS@AMSA.GOV.AU.

(271119Z SEP 2012)

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://www.nga.mil/NGAPortal/MSI.portal), by referring to Section I (paragraph 49) of US Notice to Mariners 1/12 for those in-force as of 29 December 2011, 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 27 September 2012: 00-7, 05-1, 06-1, 07-1, 10-3, 10-6, 10-7, 11-3, 11-5, 11-7, 12-1 and 12-2.

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://www.nga.mil/NGAPortal/MSI.portal) or by referring to Section I (paragraph 5) of US Notice to Mariners 1/12 for those in-force as of 29 December 2011.

SPECIAL WARNINGS in force 27 September 2012: 1, 29, 77, 81, 82, 89, 92, 107, 108, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124 and 125.

MARINE INFORMATION

NOAA CHART NEW EDITIONS AND THEIR AVAILABILITY

NOAA recognizes two paper nautical chart products:
- the Print-on-Demand (POD) chart distributed by OceanGrafix (www.OceanGrafix.com), and
- the Print-on-Demand (POD) chart distributed by East View Geospatial, Inc (www.geospatial.com/Default.aspx?tabid=120), and
- the traditional NOAA/NOS paper chart distributed by the Federal Aviation Administration and the National Geospatial-Intelligence Agency (NGA).

The Print-on-Demand chart is available the day 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 x105. Dates of Latest Edition for charts are listed at http://nauticalcharts.noaa.gov.

This week's new editions released by NOAA are listed below (These NOAA charts are now available in both the Print-on Demand and digital raster formats. See http://www.nauticalcharts.noaa.gov/mcd/dole.htm for details.):

14917 25th Ed. Sep 2012 NEW EDITION NAD 83 (NOS Silver Spring, MD)
GREAT LAKES - MICHIGAN - WISCONSIN - MENOMINEE AND MARINETTE HARBORS 1:15,000
(New edition due to numerous Notice to Mariner changes.)

16528 18th Ed. Sep 2012 NEW EDITION NAD 83 (NOS Silver Spring, MD)
ALASKA - ALEUTIAN ISLANDS - UNALASKA ISLAND - UNALASKA BAY AND AKUTAN PASS 1:40,000
(New edition due to numerous Notice to Mariner, hydrographic and topographic changes.)

18010 22nd Ed. Sep 2012 NEW EDITION NAD 83 (NOS Silver Spring, MD)
WEST COAST - CALIFORNIA - OREGON - MONTEREY BAY TO COOS BAY 1:811,980
(New edition due to numerous Notice to Mariner changes.)

18468 19th Ed. Sep 2012 NEW EDITION NAD 83 (NOS Silver Spring, MD)
WEST COAST - WASHINGTON - PORT ANGELES 1:10,000
(New edition due to numerous Notice to Mariner changes.)

18558 39th Ed. Sep 2012 NEW EDITION NAD 83 (NOS Silver Spring, MD)
WEST COAST - OREGON - TILLAMOOK BAY 1:20,000
(New edition due to numerous Notice to Mariner and hydrographic changes.)

18685 34th Ed. Sep 2012 NEW EDITION NAD 83 (NOS Silver Spring, MD)
WEST COAST - CALIFORNIA - MONTEREY BAY 1:50,000
(New edition due to numerous Notice to Mariner changes.)

NOAA PRINT-ON-DEMAND CHARTS

Recent changes have been made by NGA regarding the availability of National Oceanic and Atmospheric Administration (NOAA) charts for Department of Defense (DoD) customers and other authorized U.S. Government users. The Remote Replication Service locations and contact numbers listed below may be useful.

NOAA Print-on-Demand charts are now available on NGA's NIPRNet at https://www.geointel.nga.mil/products/dnc/epods/noaa.php for download and printing. NOAA Print-on-Demand charts are updated on a weekly basis and include all of the latest critical chart corrections. Each chart is official and should be updated

from the corrected through dates shown in the lower left corner of the chart. The charts are .pdf files and can be printed by using a large-format printer, or at the following global Remote Replication Service centers:

CONUS:
RRS St. Louis (Arnold MO): Phone (314) 260-5092
RRS Springfield, VA: Phone (571) 557-4400
RRS Pentagon: Phone (703) 614-4667
RRS Norfolk (Office Atlantic): Phone (757) 444-0660
RRS Fort Bragg Phone (910) 396-6260
RRS San Antonio (SOUTHCOM/USARSO) Phone (210) 295-6177
RRS MacDill AFB (Tampa) (CENTCOM/SOCOM) Phone (813) 828-8691
RRS Miami (HQ SOUTHCOM) Phone (305) 437-2232
RRS Offutt AFB (Omaha) (STRATCOM) Phone (402) 232-5400

OCONUS:
RRS Bahrain (CENTCOM) Phone 011-973-17-85-3570
RRS Okinawa (PACOM) Phone 011-81-611-723-4455
RRS Hawaii (PACOM) Phone (808) 449-2092
RRS Stuttgart (USEUCOM) Phone 011-49-711-680-6200

NGA Electronic Product on Demand - Maritime (ePODS-M) is also available for download on NGA's NIPRNet at https://www.geointel.nga.mil/products/dnc/epods/index.htm.

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:

- 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.

57081 4th Ed. September 22, 2012 NEW EDITION WGS-84 (NGA Springfield, VA)
APPROACHES TO ACCRA AND TEMA HARBORS 1:60,000
(Correct through NM 38/12). 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	8/06
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	52/08
35082	35BHA35037	UK 735	31/04	2/12
35084	35BHA35045	UK 1481	32/04	12/06
35086	35BHA35048	UK 736	32/04	4/09
35088	35BHA35050	UK 190	28/04	12/06
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	
35155	35ACO35064	UK 1234	27/07	
35159	35ACO35065	UK 3271	30/07	39/10
35160	35ACO35066	UK 1233	27/07	
35163	35ACO35067	UK 3272	27/07	
35166	35ACO35068	UK 3283	27/07	39/10
35169	35ACO35071	UK 3281	29/07	39/10
35170	35ACO35072	UK 3282	30/07	30/12
35200	35ACO35001	UK 1954	28/04	33/09
35205	35ACO35073	UK 2720	27/07	6/08
35210	35ACO35074	UK 1785	27/07	6/08
35220	35ACO35075	UK 2721	37/07	6/08

35230	35ACO35078	UK 1794	24/07	10/08
35236	**35AHA35079**	UK 2207	28/07	39/10
35237	**35AHA35089**	UK 2208	30/07	12/10
35239	**35AHA35090**	UK 2210	28/07	
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	7/08
35255	**35AHA35096**	UK 2171	30/07	
35256	35AHA35097	UK 2390	24/07	
35260	35ACO35104	UK 2722	27/07	7/08
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	
35279	35BHA35115	UK 2397	29/06	
35295	35BHA35116	UK 2481	22/06	
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	
35308	35ACO35127	UK 2198	25/06	
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	
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	33/09
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	
36063	36BHA36009	UK 1447	12/07	
36081	36BHA36011	UK 1753	7/07	24/12
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	2/12
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	33/09
36140	36ACO36035	UK 1178	39/04	33/09
36141	36BHA36036	UK 2878	41/04	9/05
36161	36BHA36039	UK 1152	52/04	
36162	36BHA36041	UK 1182	1/05	26/12
36163	36BHA36042	UK 1176	1/05	
36165	36BHA36044	UK 1165	17/05	52/06
36180	36ACO36049	UK 2565	27/05	33/09
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	18/06
37047	37XHA37008	UK 1902	25/05	5/12
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	4/06
37083	37AHA37019	UK 2037	25/05	39/10
37084	37AHA37020	UK 2036	5/06	38/08
37086	37AHA37021	UK 2631	31/05	18/11
37119	37AHA37027	UK 1698	8/06	3/12
37122	37AHA37028	UK 1828	19/05	29/11
37141	37AHA37040	UK 1607	9/05	22/09
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	26/10
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	

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	
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	
75173	75AHA75174	Aus. 158	18/06	
75175	75AHA75178	Aus. 154	18/06	25/08
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	
95273	95BHA95279	Jpn. W1197	5/12	
95276	95BHA95284	Jpn. W1193	46/10	
95282	95BHA95288	Jpn. W1167	10/11	
95285	95BHA95289	Jpn. W1166	29/12	
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	
97064	97BHA97055	Jpn. W1100	39/12	
97082	97BHA97084	W64A	9/12	
97083	97BHA97085	W64B	9/12	
97108	97BHA97095	Jpn. W1049	38/12	
97143	97AHA97133	Jpn. W1062	11/11	
97144	97AHA97134	Jpn. W1081	9/11	
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	
97182	97BHA97090	Jpn. W1053	21/12	
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	
97229	97AHA97214	Jpn. W101A	29/12	
97230	97AHA97215	Jpn. W101B	20/12	
97233	97BHA97252	Jpn. W153	12/11	
97234	97BHA97253	Jpn. W137A	45/11	
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	14/12
97286	97AHA97321	Jpn. W1263	11/11	13/12
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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MAIL STOP N64-SH
NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY
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SPRINGFIELD, VA 22150-7500

HYDROARC REPORT SHEET

Observer _____

Ship/Organization _____

Phone _____ Email Address_____

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

_____

_____

_____

_____

_____

Is hazard remotely monitored? Yes_____ No_____

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

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

Date of Insertion_____ Latitude _____ Longitude_____

Date of Expected Removal _____

Most Recent Observation: Date _____ Time (Local) _____

Latitude _____ Longitude _____ Datum _____

Navigation System _____ Verified by Navigator: Yes _____ No_____

Sounding sensor or method used _____

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

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

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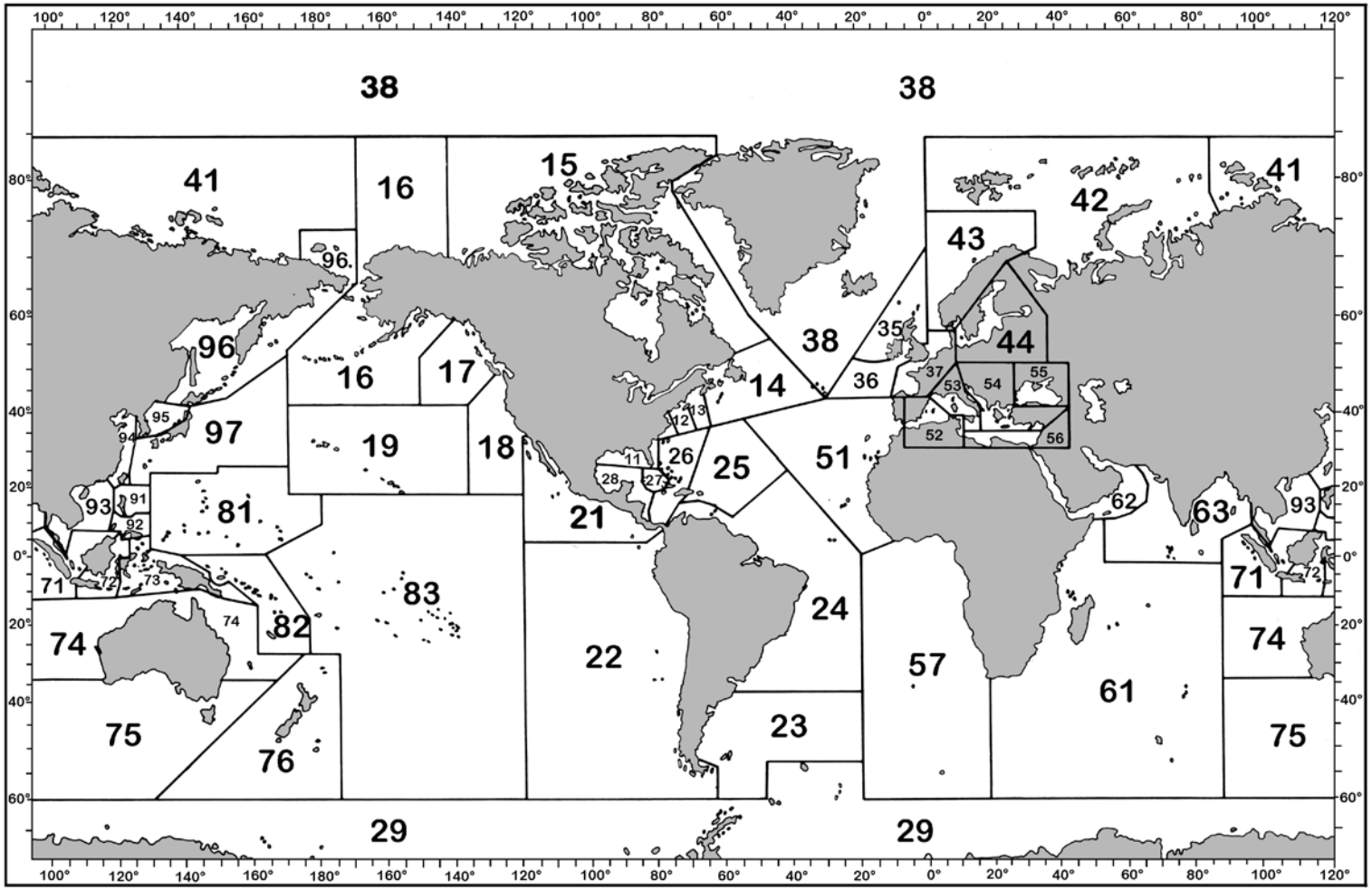

GEOGRAPHIC LOCATOR

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

IMPORTANT

NAVIGATIONAL INFORMATION

TIME—DATED

NOTICE TO MARINERS

PLEASE EXPEDITE DELIVERY