No. 34

25 AUGUST 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

Contents

Section I

Chart Corrections I-1.1
Chartlets / Depth Tabulations / Notes I-2.1
Charts Affected by Notice to Mariners I-3.1

Section II

NGA/DLIS Catalog Corrections II-1.1
Navigation Publications Corrections II-2.1
USCG Light List Corrections / Radiobeacon Corrections. II-3.1
NGA List of Lights / Radiobeacon / DGPS Corrections II-4.1
Publications Affected by Notice to Mariners. II-5.1

Section III

Broadcast Warnings / MARAD Advisories / Special Warnings III-1.1
Marine Information III-2.1

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.

Cover Photo: The NOAA Ship Fairweather, is a hydrographic survey ship that was originally commissioned in the National Oceanic and Atmospheric Administration (NOAA) fleet in 1968 and is named for Mt. Fairweather in southeast Alaska, which is the highest peak in the Fairweather Range--the tallest coastal range on earth. The ship was deactivated in 1989, but due to a critical backlog of survey requirements for nautical charts in the Alaska region, it was placed back into active service in 2004. The **Fairweather** is designed and outfitted primarily for conducting hydrographic surveys in support of nautical charting, but is capable of many other missions in support of NOAA programs. The ship is equipped with the latest in hydrographic survey technology--multi-beam survey systems; high-speed, high-resolution side-scan sonar; position and orientation systems, hydrographic survey launches, and an on-board data-processing server. Increased mission space and deck machinery enable **Fairweather** to be tasked with anything from buoy operations to fisheries research cruises. The 241 foot vessel is based in Ketchikan, Alaska and is NOAA's only multi-role Arctic survey platform. The bathymetric data collected by the ship is used to update critical chart areas in Alaska and the Arctic. The **Fairweather** is featured on the cover not only due to her invaluable survey collection capabilities and service to our nation, but also to recognize it as the last at-sea command of Rear Admiral Chris Andreasen, NOAA Corps (Ret) who is retiring after 50 years of service to the U.S. and international maritime community. RADM Andreasen has served in various capacities both afloat and ashore at NOAA, as the President of the Directing Committee for the International Hydrographic Organization (IHO), and most recently as the Chief Hydrographer of the National Geospatial-Intelligence Agency (NGA). His dedication, commitment and contributions to global safety of navigation throughout his career are unequalled and we wish him fair winds and following seas in his retirement!

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 34/12

25 August 2012

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.

NEW EDITION OF LIST OF LIGHTS

PUB. 111, 2012 EDITION, LIST OF LIGHTS, RADIO AIDS AND FOG SIGNALS FOR THE WEST COASTS OF NORTH AND SOUTH AMERICA (EXCLUDING CONTINENTAL U.S.A. AND HAWAII), AUSTRALIA, TASMANIA, NEW ZEALAND, AND THE ISLANDS OF THE NORTH AND SOUTH PACIFIC OCEANS, IS READY FOR ISSUE. SEE SECTIONS II AND III.

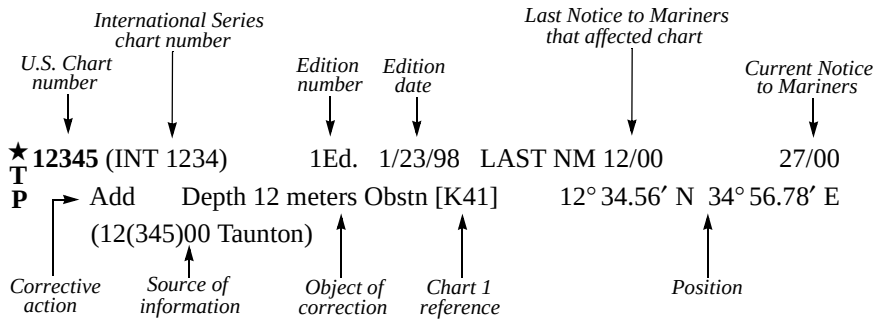
NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY'S IMPLEMENTATION OF A HARDCOPY TO DIGITAL TRANSITION STRATEGY

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.

200 (INT 200) 3Ed. 5/25/96 LAST NM 32/12 34/12
Add Wreck [K29] (PA) 37° 32′ S 56° 08′ W
(11(135)11 Buenos Aires)

530 33Ed. 10/10 LAST NM 27/12 34/12
Add Submarine cable [L30.1] between 45° 12′ N 123° 58′ W
45° 10′ N 124° 27′ W
Submarine cable [L30.1] joining 44° 23′ N 124° 52′ W
44° 32′ N 124° 44′ W
44° 36′ N 124° 38′ W
44° 46′ N 124° 36′ W
44° 41′ N 124° 27′ W
(NOS)

1113A Ed. 12/09 LAST NM 6/12 34/12
Substitute Depth 5 fathoms Wk [K26] for dangerous wreck "Mast" (PA) 24° 39.4′ N 81° 53.9′ W
Depth 4 fathoms Wk [K26] for 3½ fathoms 24° 39.4′ N 81° 53.1′ W
Add Depth 4¼ fathoms Obstn [K41] 24° 39.8′ N 81° 54.6′ W
Depth 4¼ fathoms Obstn [K41] 24° 41.3′ N 81° 53.6′ W
Depth 4 fathoms Wk [K26] 24° 41.0′ N 81° 52.7′ W
(NOS)

1115A Ed. 10/10 LAST NM 30/12 34/12
Delete WHIS from buoy "SW" 28° 52.6′ N 89° 26.2′ W
Add Submarine pipeline [L40.1] between
28° 14.2′ N 88° 46.4′ W
28° 12.1′ N 88° 45.9′ W
(NOS; 31/12 CG8)

1116A Ed. 5/12 LAST NM 32/12 34/12
Delete Platform 28° 58.8′ N 92° 31.0′ W
Platform 28° 36.5′ N 91° 46.7′ W
Platform 28° 22.6′ N 91° 42.5′ W
WHIS from buoy "SW" 28° 52.5′ N 89° 26.2′ W
Add Dashed-line circle "Discol. water" [Ke] (PA)
29° 19.2′ N 93° 29.8′ W
Dashed-line circle "Discol. water" [Ke] (PA)
29° 26.1′ N 92° 59.9′ W
Submarine pipeline [L40.1] between
28° 03.6′ N 92° 16.3′ W
28° 01.9′ N 92° 12.9′ W
Dangerous wreck [K28] (awash) (PA)
28° 52.6′ N 91° 09.6′ W
Depth 2½ fathoms 28° 55.3′ N 91° 06.6′ W
Depth 2¾ fathoms 28° 55.9′ N 91° 05.4′ W
Depth 2 fathoms 28° 55.7′ N 91° 04.2′ W
Submarine pipeline [L40.1] joining 27° 17.5′ N 90° 58.1′ W
27° 13.9′ N 90° 54.9′ W
27° 13.4′ N 90° 50.2′ W
27° 14.9′ N 90° 48.7′ W
27° 16.0′ N 90° 48.5′ W
27° 13.3′ N 90° 50.3′ W
27° 13.1′ N 90° 53.8′ W
27° 13.9′ N 90° 54.9′ W
27° 16.2′ N 90° 56.3′ W
27° 17.5′ N 90° 58.1′ W
(NOS; 30, 31/12 CG8)

1117A Ed. 9/11 LAST NM 27/12 34/12
Add Dangerous wreck [K28] (awash) (PA)
27° 45.0′ N 97° 01.3′ W
(31/12 CG8)

11300 43Ed. 9/11 LAST NM 27/12 34/12
Add Dangerous wreck [K28] (awash) (PA)
27° 45.0′ N 97° 01.3′ W
(31/12 CG8)

11307 38Ed. 11/09 LAST NM 38/11 34/12
Add Dangerous wreck [K28] (awash) (PA)
27° 45′ 00″N 97° 01′ 19″W
(31/12 CG8)

11309 41Ed. 4/12 LAST NM 26/12 34/12
Add Dangerous wreck [K28] (awash) (PA)
27° 45′ 00.0″N 97° 01′ 19.0″W
(31/12 CG8)

★11312 5Ed. 7/09 LAST NM 26/12 34/12
Add Dangerous wreck [K28] (awash) (PA)
27° 45′ 00.0″N 97° 01′ 19.0″W
(31/12 CG8)

11320 1Ed. 9/25/99 LAST NM N32/11 N34/12
Add Dangerous wreck [K28] (awash) (PA)
27° 45′ 00.0″N 97° 01′ 19.0″W
(31/12 CG8)

★11324 37Ed. 8/11 LAST NM 32/12 34/12
Relocate Range light, rear from
29° 21′ 55.1″N 94° 48′ 54.0″W to
29° 21′ 54.8″N 94° 48′ 53.5″W
Note: Range bearing unchanged
(31/12 CG8)

11326 38Ed. 12/11 LAST NM 29/12 34/12
(Page A, Inset 1)
Delete Range light, rear 29° 43′ 57.8″N 95° 03′ 15.4″W
Range light, rear and range line between
29° 43′ 50.5″N 95° 03′ 16.7″W
29° 44′ 01.5″N 95° 03′ 22.8″W
Add Range light, rear Iso R 6s 138ft (Day), Iso 6s 132ft (Night) 29° 43′ 58.9″N 95° 03′ 27.0″W
Range line (dashed) between
29° 43′ 57.8″N 95° 03′ 15.4″W
29° 43′ 58.9″N 95° 03′ 27.0″W
Note: Range bearing unchanged
Range light, rear Iso R 6s 60ft
29° 44′ 01.5″N 95° 03′ 22.8″W
Note: Range bearing unchanged
(31/12 CG8)

★11329 38Ed. 5/08 LAST NM 29/12 34/12
Delete Range light, rear 29° 43′ 57.7″N 95° 03′ 15.7″W
Range light, rear and range line between
29° 43′ 50.3″N 95° 03′ 17.0″W
29° 44′ 01.5″N 95° 03′ 22.8″W
Relocate Range light, front from
29° 43′ 57.0″N 95° 03′ 08.4″W to
29° 43′ 57.0″N 95° 03′ 09.0″W
Note: Range bearing unchanged
Add Range light, rear Iso R 6s 138ft (Day), Iso 6s 132ft (Night) 29° 43′ 58.9″N 95° 03′ 27.0″W
Range line (dashed) between
29° 43′ 57.7″N 95° 03′ 15.7″W
29° 43′ 58.9″N 95° 03′ 27.0″W
Note: Range bearing unchanged
Range light, rear Iso R 6s 60ft
29° 44′ 01.5″N 95° 03′ 22.8″W
Note: Range bearing unchanged
(31/12 CG8)

11330 21Ed. 2/11 LAST NM 30/12 34/12
Add Dashed-line circle "Discol. water" [Ke] (PA)
29° 19.2′ N 93° 29.8′ W
Dashed-line circle "Discol. water" [Ke] (PA)
29° 26.1′ N 92° 59.9′ W
(30/12 CG8)

11331 21Ed. 1/09 LAST NM 49/11 34/12
(Side A)
Relocate Buoy "68" from
29° 58′ 22.3″N 93° 50′ 31.3″W to
29° 58′ 21.0″N 93° 50′ 32.4″W
(31/12 CG8)

★**11339** 3Ed. 2/10 LAST NM 27/12 34/12
(Inset Continuation)
Add Danger circle "Obstn" [K40] (PA)
30° 12′ 51.0″N 93° 15′ 28.0″W
(30/12 CG8)

★**11340** 76Ed. 5/12 LAST NM 32/12 34/12
Delete Platform 28° 58.8′ N 92° 31.0′ W
Platform 28° 36.5′ N 91° 46.7′ W
Platform 28° 22.6′ N 91° 42.5′ W
WHIS from buoy "SW" 28° 52.5′ N 89° 26.2′ W

Add Dashed-line circle "Discol. water" [Ke] (PA)
29° 19.2′ N 93° 29.8′ W
Dashed-line circle "Discol. water" [Ke] (PA)
29° 26.1′ N 92° 59.9′ W

Submarine pipeline [L40.1] between
28° 03.6′ N 92° 16.3′ W
28° 01.9′ N 92° 12.9′ W

Dangerous wreck [K28] (awash) (PA)
28° 52.6′ N 91° 09.6′ W

Depth 2 1/2 fathoms 28° 55.3′ N 91° 06.6′ W
Depth 2 3/4 fathoms 28° 55.9′ N 91° 05.4′ W
Depth 2 fathoms 28° 55.7′ N 91° 04.2′ W

Submarine pipeline [L40.1] joining 27° 17.5′ N 90° 58.1′ W
27° 13.9′ N 90° 54.9′ W
27° 13.4′ N 90° 50.2′ W
27° 14.9′ N 90° 48.7′ W
27° 16.0′ N 90° 48.5′ W
27° 13.3′ N 90° 50.3′ W
27° 13.1′ N 90° 53.8′ W
27° 13.9′ N 90° 54.9′ W
27° 16.2′ N 90° 56.3′ W
27° 17.5′ N 90° 58.1′ W
(NOS; 30, 31/12 CG8)

★**11341** 43Ed. 4/11 LAST NM 26/12 34/12
Add Dashed-line circle "Discol. water" [Ke] (PA)
29° 19′ 14″N 93° 29′ 48″W
(30/12 CG8)

★**11342** 54Ed. 12/10 LAST NM 29/12 34/12
Relocate Buoy "68" from
29° 58′ 22.3″N 93° 50′ 30.5″W to
29° 58′ 21.0″N 93° 50′ 32.4″W
(31/12 CG8)

11343 38Ed. 4/07 LAST NM 32/12 34/12
Relocate Buoy "68" from
29° 58′ 21.6″N 93° 50′ 30.9″W to
29° 58′ 21.0″N 93° 50′ 32.4″W
(31/12 CG8)

★**11344** 39Ed. 2/12 LAST NM 30/12 34/12
Add Dashed-line circle "Discol. water" [Ke] (PA)
29° 26′ 03″N 92° 59′ 52″W
(30/12 CG8)

★**11346** 4Ed. 5/12 LAST NM 30/12 34/12
Delete Platform 28° 56′ 15.7″N 90° 03′ 55.6″W
(30/12 CG8)

11347 39Ed. 7/11 LAST NM 27/12 34/12
(Side B, Inset)
Add Danger circle "Obstn" [K40] (PA)
30° 12′ 51.0″N 93° 15′ 28.0″W
(30/12 CG8)

★**11351** 43Ed. 3/12 LAST NM 21/12 34/12
Delete Platform 28° 58′ 23″N 91° 37′ 33″W
Note: Platform ruins close N remain

Platform 28° 58′ 21″N 91° 38′ 10″W
Platform 28° 58′ 16″N 91° 36′ 58″W
(30/12 CG8)

11352 41Ed. 12/09 LAST NM 31/12 34/12
Add Depth 40 feet Obstn [K41] (PA) 29° 09.8′ N 89° 53.0′ W
(30/12 CG8)

★**11356** 39Ed. 6/12 LAST NM 32/12 34/12
Delete Depth 23 feet 28° 55′ 19″N 91° 06′ 33″W
Depth 28 feet 28° 55′ 51″N 91° 04′ 47″W
Depth 24 feet 28° 55′ 41″N 91° 04′ 07″W

Substitute Depth 17 feet for 28 feet 28° 55′ 52″N 91° 05′ 22″W

Add Dangerous wreck [K28] (awash) (PA)
28° 52′ 35″N 91° 09′ 35″W

Depth 16 feet 28° 55′ 16″N 91° 06′ 33″W
Depth 11 feet 28° 55′ 41″N 91° 05′ 31″W
Depth 13 feet 28° 55′ 46″N 91° 04′ 49″W
Depth 12 feet 28° 55′ 42″N 91° 04′ 12″W
(NOS; 31/12 CG8)

★**11357** 42Ed. 5/12 LAST NM 31/12 34/12
Delete Platform 28° 48′ 50″N 90° 35′ 59″W

Add Submarine pipeline [L40.1] joining
28° 55′ 09″N 90° 46′ 28″W
28° 55′ 20″N 90° 46′ 20″W
28° 57′ 25″N 90° 45′ 46″W

Submarine pipeline [L40.1] joining
28° 56′ 53″N 90° 46′ 30″W
28° 56′ 40″N 90° 46′ 11″W
28° 56′ 38″N 90° 44′ 51″W
28° 56′ 44″N 90° 44′ 40″W
(NOS; 31/12 CG8)

★**11358** 56Ed. 7/10 LAST NM 31/12 34/12
Delete Platform 28° 56′ 16″N 90° 03′ 56″W
Platform 28° 51′ 34″N 89° 50′ 41″W
Platform 28° 52′ 42″N 89° 49′ 17″W
Platform 28° 59′ 47″N 89° 48′ 46″W

Add Depth 40 feet Obstn [K41] (PA) 29° 09′ 46″N 89° 52′ 58″W
(30, 31/12 CG8)

★**11359** 14Ed. 12/09 LAST NM 21/12 34/12
Delete Platform 28° 51′ 35″N 89° 50′ 40″W
Platform 28° 52′ 42″N 89° 49′ 17″W
(31/12 CG8)

11360 44Ed. 10/10 LAST NM 30/12 34/12
Delete WHIS from buoy "SW" 28° 52.6′ N 89° 26.2′ W

Add Submarine pipeline [L40.1] between
28° 14.2′ N 88° 46.4′ W
28° 12.1′ N 88° 45.9′ W
(NOS; 31/12 CG8)

★**11361** 76Ed. 8/11 LAST NM 18/12 34/12
Delete WHIS from buoy "SW" 28° 52′ 39″N 89° 25′ 55″W

(Inset Southwest Pass)
Delete WHIS from buoy "SW" 28° 52′ 39.7″N 89° 25′ 54.9″W
(31/12 CG8)

11362 5Ed. 9/24/05 LAST NM N30/12 N34/12
Delete Whistle from buoy "SW" 28° 52.6′ N 89° 25.9′ W

Add Submarine pipeline [L40.1] between
28° 14.2′ N 88° 46.4′ W
28° 12.1′ N 88° 45.9′ W
(NOS; 31/12 CG8)

★**11366** 14Ed. 5/11 LAST NM 31/12 34/12
Delete WHIS from buoy "SW" 28° 52.7′ N 89° 25.9′ W

Add Depth 6 fathoms 4 feet Obstn [K41] (PA)
29° 09.8′ N 89° 53.0′ W

Submarine pipeline [L40.1] joining 28° 14.2′ N 88° 46.4′ W
28° 13.8′ N 88° 46.5′ W
28° 13.6′ N 88° 46.4′ W
28° 12.1′ N 88° 45.9′ W
(30, 31/12 CG8)

★**11370** 28Ed. 1/12 LAST NM 27/12 34/12
(Side A)
Change Legend to "2 Fl G 2.5s (Priv)"
30° 06′ 03.5″N 90° 56′ 59.9″W
Legend to "2 Fl G 2.5s (Priv)"
30° 05′ 54.6″N 90° 57′ 04.4″W

(Side B)
Change Legend to "2 Fl G 2.5s (Priv)"
30° 06′ 06.8″N 90° 57′ 12.9″W
Legend to "2 Fl G 2.5s (Priv)"
30° 05′ 59.3″N 90° 57′ 29.6″W
(31/12 CG8)

★**11376** 55Ed. 3/11 LAST NM 31/12 34/12
Delete Platform 30° 10′ 27″N 87° 49′ 24″W
(Supersedes 22/12-11376)
(30/12 CG8)

11378 37Ed. 6/10 LAST NM 32/12 34/12
(Side A)
Delete GONG from buoy "1" 30° 16′ 15.8″N 87° 17′ 32.8″W

Change Buoy to "30" R, QR 30° 23′ 16.6″N 87° 12′ 22.5″W
Buoy to "32" R, Fl R 2.5s 30° 23′ 47.2″N 87° 12′ 29.9″W
(31/12 CG8)

11382 41Ed. 5/10 LAST NM 29/12 34/12
Delete GONG from buoy "1" 30° 16′ 15″N 87° 17′ 33″W
(31/12 CG8)

★**11383** 52Ed. 4/11 LAST NM 32/12 34/12
Delete GONG from buoy "1" 30° 16′ 15.8″N 87° 17′ 32.8″W

Change Buoy to "30" R, QR 30° 23′ 17.0″N 87° 12′ 22.8″W
Buoy to "32" R, Fl R 2.5s 30° 23′ 47.5″N 87° 12′ 29.8″W
(31/12 CG8)

★**11384** 36Ed. 12/10 LAST NM 32/12 34/12
Delete GONG from buoy "1" 30° 16′ 15.7″N 87° 17′ 32.8″W
(31/12 CG8)

★**11389** 34Ed. 6/11 LAST NM 23/12 34/12
Delete BELL from buoy "10" 29° 53′ 41″N 85° 24′ 16″W
(31/12 CG8)

11393 21Ed. 11/05 LAST NM 23/12 34/12
(Side B)
Delete BELL from buoy "10" 29° 53′ 40.5″N 85° 24′ 15.8″W
(31/12 CG8)

11420 29Ed. 12/09 LAST NM 6/12 34/12
Substitute Depth 5 fathoms Wk [K26] for
dangerous wreck "Mast" (PA) 24° 39.4′ N 81° 53.9′ W
Depth 4 fathoms Wk [K26] for
3½ fathoms 24° 39.4′ N 81° 53.1′ W

Add Depth 4¼ fathoms Obstn [K41] 24° 39.8′ N 81° 54.6′ W
Depth 4¼ fathoms Obstn [K41] 24° 41.3′ N 81° 53.6′ W
Depth 4 fathoms Wk [K26] 24° 41.0′ N 81° 52.7′ W
(NOS)

11434 28Ed. 6/08 LAST NM 6/12 34/12
Substitute Depth 5 fathoms Wk [K26] for
dangerous wreck "Mast" (PA) 24° 39.4′ N 81° 53.9′ W
Depth 4 fathoms Wk [K26] for
3½ fathoms 24° 39.4′ N 81° 53.1′ W

Add Depth 4¼ fathoms Obstn [K41] 24° 39.8′ N 81° 54.6′ W
Depth 4¼ fathoms Obstn [K41] 24° 41.3′ N 81° 53.6′ W
Depth 4 fathoms Wk [K26] 24° 41.0′ N 81° 52.7′ W
(NOS)

★**11439** 26Ed. 7/04 LAST NM 17/12 34/12
Delete Dangerous wreck "Mast" (PA) 24° 39′ 25″N 81° 54′ 00″W

Substitute Depth 24 feet Wk [K26] for 21 feet
24° 39′ 23″N 81° 53′ 03″W

Add Depth 26 feet Obstn [K41] 24° 39′ 48″N 81° 54′ 37″W
Depth 26 feet Obstn [K41] 24° 41′ 17″N 81° 53′ 39″W
Depth 24 feet Wk [K26] 24° 41′ 00″N 81° 52′ 44″W
Depth 30 feet Wk [K26] 24° 39′ 26″N 81° 53′ 53″W
(NOS)

11442 35Ed. 1/08 LAST NM 7/12 34/12
Substitute Depth 30 feet Wk [K26] for
dangerous wreck "Mast" (PA) 24° 39′ 26″N 81° 53′ 53″W

Depth 24 feet Wk [K26] for 21 feet
24° 39′ 23″N 81° 53′ 03″W

Add Depth 26 feet Obstn [K41] 24° 39′ 48″N 81° 54′ 37″W
Depth 26 feet Obstn [K41] 24° 41′ 17″N 81° 53′ 38″W
Depth 24 feet Wk [K26] 24° 41′ 00″N 81° 52′ 44″W
(NOS)

★**11465** 39Ed. 4/11 LAST NM 33/11 34/12
Change Visibility (range) of light "1" to 5M
25° 42′ 06.5″N 80° 11′ 00.1″W
(31/12 CG7)

11467 43Ed. 1/12 LAST NM 21/12 34/12
(Side B)
Change Visibility (range) of light "1" to 5M
25° 42′ 05″N 80° 11′ 00″W
(31/12 CG7)

11505 4Ed. 10/10 LAST NM 31/12 34/12
Add Tabulation of controlling depths from
Subsection I-2
(Supersedes 29/12-11505)
(NOS)

★**11506** 44Ed. 4/09 LAST NM 28/12 34/12
Add Tabulation of controlling depths from
Subsection I-2
(Supersedes 28/12-11506)
(NOS)

11507 34Ed. 12/10 LAST NM 29/12 34/12
(Side A)
Change Visibility (range) of light "140" to 5M
31° 32′ 53.7″N 81° 12′ 39.0″W

(Side B)
Change Visibility (range) of light "140" to 5M
31° 32′ 53.0″N 81° 12′ 39.0″W
(31/12 CG7)

11509 32Ed. 2/12 LAST NM 20/12 34/12
Change Visibility (range) of light "140" to 5M
31° 32′ 54″N 81° 12′ 39″W
(31/12 CG7)

★**11510** 20Ed. 9/07 LAST NM 13/12 34/12
Change Visibility (range) of light "140" to 5M
31° 32′ 54″N 81° 12′ 39″W
(31/12 CG7)

★**11512** 62Ed. 2/10 LAST NM 31/12 34/12
Add Tabulation of controlling depths from
Subsection I-2
(Supersedes 29/12-11512)
(NOS)

11514 30Ed. 10/08 LAST NM 29/12 34/12
(Side A)
Add Tabulation of controlling depths from
Subsection I-2
(Supersedes 29/12-11514)
(NOS)

★11520 44Ed. 10/10 LAST NM 26/12 34/12
Add Purple dashed line (no-discharge zone limit)
[Ni] joining 33° 51.1′ N 78° 32.5′ W
33° 48.2′ N 78° 30.3′ W
33° 49.1′ N 78° 29.3′ W
33° 50.8′ N 78° 23.3′ W
33° 51.4′ N 78° 20.3′ W
33° 51.8′ N 78° 14.9′ W
33° 51.7′ N 78° 13.6′ W
33° 51.8′ N 78° 09.7′ W
33° 50.9′ N 78° 04.6′ W
33° 48.5′ N 78° 01.1′ W
33° 46.5′ N 77° 59.4′ W
33° 46.2′ N 77° 56.9′ W
33° 47.9′ N 77° 54.3′ W
33° 51.3′ N 77° 53.9′ W
33° 53.2′ N 77° 53.5′ W
33° 57.0′ N 77° 51.6′ W
34° 07.9′ N 77° 46.8′ W
34° 08.9′ N 77° 45.5′ W
34° 10.9′ N 77° 44.5′ W
34° 14.9′ N 77° 40.8′ W
34° 18.6′ N 77° 36.5′ W
34° 24.4′ N 77° 28.2′ W
34° 26.5′ N 77° 31.0′ W

Legend "NO-DISCHARGE ZONE (see note Z)" 33° 52.6′ N 78° 20.0′ W
Legend "NO-DISCHARGE ZONE (see note Z)" 33° 58.2′ N 77° 53.1′ W
Legend "NO-DISCHARGE ZONE (see note Z)" 34° 23.6′ N 77° 31.9′ W

Note
"NOTE Z
NO-DISCHARGE ZONE, 40 CFR 140
Under the Clean Water Act, Section 312, all vessels operating within a No-Discharge Zone (NDZ) are completely prohibited from discharging any sewage, treated or untreated, into the waters. All vessels with an installed marine sanitation device (MSD) that are navigating, moored, anchored, or docked within a NDZ must have the MSD disabled to prevent the overboard discharge of sewage (treated or untreated) or install a holding tank. Regulations for the NDZ are contained in the U.S. Coast Pilot. Additional information concerning the regulations and requirements may be obtained from the Environmental Protection Agency (EPA) web site: http://www.epa.gov/owow/oceans/regulatory/vessel−sewage/." 34° 10.0′ N 79° 45.0′ W
(NOS)

11521 30Ed. 12/10 LAST NM 15/12 34/12
Add Tabulation of controlling depths from Subsection I-2
(Supersedes 44/11-11521)
(NOS)

★11523 25Ed. 10/10 LAST NM 29/12 34/12
Add Tabulation of controlling depths from Subsection I-2
(Supersedes 44/11-11523)
(NOS)

★11524 53Ed. 12/11 LAST NM 29/12 34/12
Add Tabulation of controlling depths from Subsection I-2
(NOS)

11534 37Ed. 2/12 LAST NM 21/12 34/12
(Side A, LL to MM)
Add Legend "NO-DISCHARGE ZONE (see note Z)" 33° 51′ 10″N 78° 02′ 55″W
Legend "NO-DISCHARGE ZONE (see note Z)" 33° 55′ 31″N 77° 58′ 27″W
Legend "NO-DISCHARGE ZONE (see note Z)" 34° 01′ 22″N 77° 55′ 34″W
Legend "NO-DISCHARGE ZONE (see note Z)" 34° 07′ 16″N 77° 50′ 23″W

Note in upper left margin of chart
"NOTE Z
NO-DISCHARGE ZONE, 40 CFR 140
Under the Clean Water Act, Section 312, all vessels operating within a No-Discharge Zone (NDZ) are completely prohibited from discharging any sewage, treated or untreated, into the waters. All vessels with an installed marine sanitation device (MSD) that are navigating, moored, anchored, or docked within a NDZ must have the MSD disabled to prevent the overboard discharge of sewage (treated or untreated) or install a holding tank. Regulations for the NDZ are contained in the U.S. Coast Pilot. Additional information concerning the regulations and requirements may be obtained from the Environmental Protection Agency (EPA) web site: http://www.epa.gov/owow/oceans/regulatory/vessel−sewage/."

(Side A, MM to NN)
Add Legend "NO-DISCHARGE ZONE (see note Z)" 33° 52′ 49″N 78° 02′ 28″W
Legend "NO-DISCHARGE ZONE (see note Z)" 33° 53′ 11″N 78° 09′ 49″W

(Side A, NN to OO)
Add Purple dashed line (no-discharge zone limit)
[Ni] between 33° 51′ 05″N 78° 32′ 29″W
33° 49′ 50″N 78° 31′ 32″W

Legend "NO-DISCHARGE ZONE (see note Z)" 33° 50′ 30″N 78° 31′ 28″W
Legend "NO-DISCHARGE ZONE (see note Z)" 33° 52′ 28″N 78° 23′ 46″W
(NOS)

11535 13Ed. 2/12 LAST NM 14/12 34/12
Add Purple dashed line (no-discharge zone limit)
[Ni] joining 33° 51′ 06″N 78° 32′ 30″W
33° 48′ 15″N 78° 30′ 20″W
33° 48′ 31″N 78° 30′ 00″W

Legend "NO-DISCHARGE ZONE (see note Z)" 33° 50′ 00″N 78° 30′ 50″W

Note
"NOTE Z
NO-DISCHARGE ZONE, 40 CFR 140
Under the Clean Water Act, Section 312, all vessels operating within a No-Discharge Zone (NDZ) are completely prohibited from discharging any sewage, treated or untreated, into the waters. All vessels with an installed marine sanitation device (MSD) that are navigating, moored, anchored, or docked within a NDZ must have the MSD disabled to prevent the overboard discharge of sewage (treated or untreated) or install a holding tank. Regulations for the NDZ are contained in the U.S. Coast Pilot. Additional information concerning the regulations and requirements may be obtained from the Environmental Protection Agency (EPA) web site: http://www.epa.gov/owow/oceans/regulatory/vessel−sewage/." 33° 42′ 30″N 79° 10′ 00″W
(NOS)

11536 19Ed. 8/10 LAST NM 26/12 34/12
Add Purple dashed line (no-discharge zone limit)
[NI] between 33° 49′ 04″N 78° 30′ 57″W
33° 48′ 15″N 78° 30′ 20″W

Purple dashed line (no-discharge zone limit)
[NI] along existing gray solid line (three nautical mile line) between 33° 48′ 15″N 78° 30′ 20″W
33° 59′ 00″N 77° 50′ 49″W

Legend "NO-DISCHARGE ZONE (see note Z)" 33° 46′ 37″N 77° 57′ 33″W
Legend "NO-DISCHARGE ZONE (see note Z)" 33° 50′ 14″N 78° 27′ 31″W
Legend "NO-DISCHARGE ZONE (see note Z)" 33° 52′ 24″N 78° 11′ 31″W
Legend "NO-DISCHARGE ZONE (see note Z)" 33° 58′ 00″N 77° 51′ 58″W

(continued on next page)

11536 (Continued)

Note in upper left margin of chart

"NOTE Z
NO-DISCHARGE ZONE, 40 CFR 140
Under the Clean Water Act, Section 312, all vessels operating within a No-Discharge Zone (NDZ) are completely prohibited from discharging any sewage, treated or untreated, into the waters. All vessels with an installed marine sanitation device (MSD) that are navigating, moored, anchored, or docked within a NDZ must have the MSD disabled to prevent the overboard discharge of sewage (treated or untreated) or install a holding tank. Regulations for the NDZ are contained in the U.S. Coast Pilot. Additional information concerning the regulations and requirements may be obtained from the Environmental Protection Agency (EPA) web site: http://www.epa.gov/owow/oceans/regulatory/vessel–sewage/."

(NOS)

11537 38Ed. 1/09 LAST NM 33/12 34/12

(Left Panel)

Add Legend "NO-DISCHARGE ZONE (see note Z)" 34° 01′ 31.0″N 77° 55′ 27.0″W
Legend "NO-DISCHARGE ZONE (see note Z)" 34° 09′ 48.0″N 77° 57′ 04.0″W
Legend "NO-DISCHARGE ZONE (see note Z)" 34° 15′ 50.0″N 77° 57′ 01.0″W

Note

"NOTE Z
NO-DISCHARGE ZONE, 40 CFR 140
Under the Clean Water Act, Section 312, all vessels operating within a No-Discharge Zone (NDZ) are completely prohibited from discharging any sewage, treated or untreated, into the waters. All vessels with an installed marine sanitation device (MSD) that are navigating, moored, anchored, or docked within a NDZ must have the MSD disabled to prevent the overboard discharge of sewage (treated or untreated) or install a holding tank. Regulations for the NDZ are contained in the U.S. Coast Pilot. Additional information concerning the regulations and requirements may be obtained from the Environmental Protection Agency (EPA) web site: http://www.epa.gov/owow/oceans/regulatory/vessel–sewage/." 34° 11′ 00.0″N 77° 59′ 30.0″W

(Right Panel)

Add Purple dashed line (no-discharge zone limit) [NI] along existing gray solid line (three nautical mile line) between 33° 51′ 26.9″N 78° 06′ 53.9″W
33° 48′ 27.2″N 77° 53′ 59.5″W

Legend "NO-DISCHARGE ZONE (see note Z)" 33° 46′ 42.0″N 77° 56′ 43.0″W
Legend "NO-DISCHARGE ZONE (see note Z)" 33° 51′ 35.0″N 78° 05′ 49.0″W
Legend "NO-DISCHARGE ZONE (see note Z)" 33° 55′ 39.0″N 77° 58′ 02.0″W
Legend "NO-DISCHARGE ZONE (see note Z)" 33° 56′ 36.0″N 77° 54′ 24.0″W

(NOS)

11539 19Ed. 9/10 LAST NM 44/10 34/12

Add Purple dashed line (no-discharge zone limit) [Ni] between 34° 26′ 32″N 77° 30′ 57″W
34° 24′ 26″N 77° 28′ 13″W

Purple dashed line (no-discharge zone limit) [Ni] along existing gray solid line (three nautical mile line) between 34° 24′ 26″N 77° 28′ 13″W
33° 49′ 00″N 77° 53′ 51″W

Legend "NO-DISCHARGE ZONE (see note Z)" 33° 49′ 31″N 77° 54′ 39″W
Legend "NO-DISCHARGE ZONE (see note Z)" 34° 02′ 49″N 77° 50′ 46″W
Legend "NO-DISCHARGE ZONE (see note Z)" 34° 15′ 56″N 77° 41′ 49″W
Legend "NO-DISCHARGE ZONE (see note Z)" 34° 24′ 18″N 77° 30′ 47″W

Note

"NOTE Z
NO-DISCHARGE ZONE, 40 CFR 140
Under the Clean Water Act, Section 312, all vessels operating within a No-Discharge Zone (NDZ) are completely prohibited from discharging any sewage, treated or untreated, into the waters. All vessels with an installed marine sanitation device (MSD) that are navigating, moored, anchored, or docked within a NDZ must have the MSD disabled to prevent the overboard discharge of sewage (treated or untreated) or install a holding tank. Regulations for the NDZ are contained in the U.S. Coast Pilot. Additional information concerning the regulations and requirements may be obtained from the Environmental Protection Agency (EPA) web site: http://www.epa.gov/owow/oceans/regulatory/vessel–sewage/." 34° 28′ 30″N 77° 37′ 00″W

(NOS)

11541 39Ed. 3/10 LAST NM 38/11 34/12

(Side B, Intercoastal Waterway LL to KK)

Add Purple dashed line (no-discharge zone limit) [Ni] between 34° 26′ 32″N 77° 30′ 57″W
34° 25′ 58″N 77° 30′ 12″W

Legend "NO-DISCHARGE ZONE (see note Z)" 34° 10′ 43″N 77° 47′ 12″W
Legend "NO-DISCHARGE ZONE (see note Z)" 34° 18′ 36″N 77° 41′ 22″W
Legend "NO-DISCHARGE ZONE (see note Z)" 34° 25′ 41″N 77° 31′ 03″W

Note

"NOTE Z
NO-DISCHARGE ZONE, 40 CFR 140
Under the Clean Water Act, Section 312, all vessels operating within a No-Discharge Zone (NDZ) are completely prohibited from discharging any sewage, treated or untreated, into the waters. All vessels with an installed marine sanitation device (MSD) that are navigating, moored, anchored, or docked within a NDZ must have the MSD disabled to prevent the overboard discharge of sewage (treated or untreated) or install a holding tank. Regulations for the NDZ are contained in the U.S. Coast Pilot. Additional information concerning the regulations and requirements may be obtained from the Environmental Protection Agency (EPA) web site: http://www.epa.gov/owow/oceans/regulatory/vessel–sewage/." 34° 27′ 25″N 77° 33′ 23″W

(NOS)

11542 17Ed. 1/08 LAST NM 46/11 34/12

Add Purple dashed line (no-discharge zone limit) [Ni] between 34° 26′ 32.2″N 77° 30′ 57.2″W
34° 25′ 00.7″N 77° 28′ 57.7″W

Legend "NO-DISCHARGE ZONE (see note Z)" 34° 25′ 39.0″N 77° 30′ 39.0″W

Note

"NOTE Z
NO-DISCHARGE ZONE, 40 CFR 140
Under the Clean Water Act, Section 312, all vessels operating within a No-Discharge Zone (NDZ) are completely prohibited from discharging any sewage, treated or untreated, into the waters. All vessels with an installed marine sanitation device (MSD) that are navigating, moored, anchored, or docked within a NDZ must have the MSD disabled to prevent the overboard discharge of sewage (treated or untreated) or install a holding tank. Regulations for the NDZ are contained in the U.S. Coast Pilot. Additional information concerning the regulations and requirements may be obtained from the Environmental Protection Agency (EPA) web site: http://www.epa.gov/owow/oceans/regulatory/vessel–sewage/." 34° 30′ 30.0″N 77° 30′ 00.0″W

(NOS)

★12211 44Ed. 2/11 LAST NM 11/12 34/12
Delete Depth 15½ feet Obstn 37° 58′ 50″N 75° 08′ 03″W
Swept depth 40 feet Wk 37° 58′ 33″N 75° 10′ 02″W
Swept depth 40 feet Wreckage 37° 58′ 47″N 75° 09′ 42″W

Substitute Depth 14 feet Wk [K26] for 5 feet Wk
37° 58′ 13″N 75° 08′ 47″W

Add Depth 26 feet Obstn [K41] 37° 58′ 18″N 75° 09′ 11″W
Depth 42 feet Wk [K26] 37° 58′ 32″N 75° 09′ 54″W
(NOS)

★12216 29Ed. 6/12 NEW EDITION 34/12
(NOS)

★12222 53Ed. 10/11 LAST NM 26/12 34/12
Add Tabulation of controlling depths from
Subsection I-2
(Supersedes 22/12-12222)
(NOS)

12245 67Ed. 8/08 LAST NM 33/12 34/12
Add Tabulation of controlling depths from
Subsection I-2
(Supersedes 11/12-12245)
(NOS)

12253 47Ed. 4/12 LAST NM 22/12 34/12
Add Tabulation of controlling depths from
Subsection I-2
(NOS)

12263 55Ed. 4/07 LAST NM 26/12 34/12
Change Legend to "Oyster reef (auth min 12ft)" at
danger circle 38° 39′ 16″N 76° 16′ 58″W
(See 8/12-12263)

Add Buoy "A" W Or, can (Priv) 38° 55′ 36″N 76° 30′ 30″W
Buoy "B" W Or, can (Priv) 38° 55′ 44″N 76° 30′ 45″W
(NOS; 29/12 CG5)

★12266 30Ed. 12/09 LAST NM 26/12 34/12
Change Legend to "Oyster reef (auth min 12ft)" at
danger circle 38° 39′ 16″N 76° 16′ 58″W
(See 8/12-12266)
(NOS)

★12270 35Ed. 5/11 LAST NM 31/11 34/12
Add Buoy "A" W Or, can (Priv) 38° 55′ 36″N 76° 30′ 30″W
Buoy "B" W Or, can (Priv) 38° 55′ 44″N 76° 30′ 45″W
(29/12 CG5)

★12272 31Ed. 9/06 LAST NM 25/12 34/12
Change Legend to "33 FT FOR A WIDTH OF 600 FT
APR 2012" 39° 05′ 43.3″N 76° 18′ 09.3″W
(NOS)

12280 10Ed. 12/11 LAST NM 33/12 34/12
(Left Panel)
Change Legend to "Oyster reef (auth min 12ft)" at
danger circle 38° 39.3′ N 76° 17.0′ W
(NOS)

12285 40Ed. 4/10 LAST NM 33/12 34/12
(Page C)
Change Designation of light "2" to "2PC"
38° 20′ 38″N 77° 16′ 40″W
(24/12 CG5)

★12288 20Ed. 10/07 LAST NM 38/11 34/12
Change Designation of light "2" to "2PC"
38° 20′ 38.2″N 77° 16′ 40.2″W
(24/12 CG5)

12300 48Ed. 6/10 LAST NM 33/12 34/12
Delete Superbuoy ODAS "44070" 41° 23.5′ N 71° 00.2′ W
(31/12 CG1)

12301 22Ed. 4/29/06 LAST NM N33/12 N34/12
Delete Superbuoy ODAS "44070" 41° 23.5′ N 71° 00.2′ W
(31/12 CG1)

★12312 56Ed. 5/12 LAST NM 27/12 34/12
Add Buoy "B" Y, Fl Y 4s (Priv) 39° 52′ 48.1″N 75° 10′ 15.0″W
Buoy "C" Y, Fl Y 4s (Priv) 39° 47′ 31.9″N 75° 26′ 21.4″W

Tabulation of controlling depths from
Subsection I-2
(NOS; 29/12 CG5)

12313 53Ed. 1/12 LAST NM 33/12 34/12
Add Buoy "B" Y, Fl Y 4s (Priv) 39° 52′ 48.1″N 75° 10′ 15.0″W

Tabulation of controlling depths from
Subsection I-2
(NOS; 29/12 CG5)

★12314 33Ed. 6/12 LAST NM 32/12 34/12
(Lower Panel)
Add Buoy "A" Y, Fl Y 4s (Priv) 40° 04′ 50.9″N 74° 52′ 33.5″W
(29/12 CG5)

★12354 44Ed. 5/12 LAST NM 31/12 34/12
Delete Buoy 41° 08′ 15″N 72° 38′ 34″W
Buoy 41° 08′ 47″N 72° 39′ 17″W
Buoy 41° 07′ 42″N 72° 39′ 18″W
Buoy 41° 08′ 15″N 72° 40′ 01″W
(31/12 CG1)

★12363 41Ed. 2/10 LAST NM 30/12 34/12
Delete Depth 18 feet 40° 58′ 02″N 73° 10′ 07″W
Depth 30 feet 40° 55′ 46″N 73° 11′ 51″W
Depth 41 feet 40° 55′ 42″N 73° 12′ 29″W

Substitute Depth 37 feet Rk [K14.1] for 58 feet
40° 58′ 15″N 73° 10′ 19″W

Add Depth 13 feet Rk [K14.1] 40° 58′ 05″N 73° 10′ 11″W
Depth 22 feet Rk [K14.1] 40° 55′ 49″N 73° 11′ 54″W
Depth 34 feet Rk [K14.1] 40° 55′ 41″N 73° 12′ 25″W
Depth 37 feet Rk [K14.1] 40° 58′ 15″N 73° 10′ 19″W
Depth 16 feet Rk [K14.2] 40° 58′ 20″N 73° 09′ 32″W
Depth 18 feet Rk [K14.2] 40° 55′ 27″N 73° 12′ 33″W
(NOS)

12364 38Ed. 7/08 LAST NM 31/12 34/12
(Page H)
Delete Depth 58 feet 40° 58′ 14″N 73° 10′ 22″W

Substitute Depth 13 feet Rk [K14.1] for 18 feet
40° 58′ 05″N 73° 10′ 11″W
Depth 22 feet Rk [K14.1] for 30 feet
40° 55′ 49″N 73° 11′ 54″W

Add Depth 34 feet Rk [K14.1] 40° 55′ 41″N 73° 12′ 25″W
Depth 37 feet Rk [K14.1] 40° 58′ 15″N 73° 10′ 19″W
Depth 16 feet Rk [K14.2] 40° 58′ 20″N 73° 09′ 32″W
Depth 18 feet Rk [K14.2] 40° 55′ 27″N 73° 12′ 33″W
(NOS)

13009 35Ed. 9/10 LAST NM 23/12 34/12
Delete Superbuoy ODAS "44070" 41° 23.5′ N 71° 00.2′ W
(31/12 CG1)

13200 37Ed. 4/09 LAST NM 18/12 34/12
Delete Superbuoy ODAS "44070" 41° 23.5′ N 71° 00.2′ W
(31/12 CG1)

13201 11Ed. 1/14/06 LAST NM N31/12 N34/12
Delete Superbuoy ODAS "44070" 41° 23.5′ N 71° 00.2′ W
(31/12 CG1)

★13218 41Ed. 10/09 LAST NM 33/12 34/12
Delete Superbuoy ODAS "44070" 41° 23′ 33″N 71° 00′ 13″W
(31/12 CG1)

13229 31Ed. 9/10 LAST NM 33/12 34/12
(Page E)
Delete Superbuoy ODAS "44070" 41° 23′ 33″N 71° 00′ 13″W
(31/12 CG1)

14860 36Ed. 6/05 LAST NM 53/11 34/12
Change Visibility (range) of light to 14 St M
45° 11.6′ N 83° 19.3′ W
(31/12 CG9)

14864 27Ed. 3/11 LAST NM 33/12 34/12
Change Visibility (range) of light to 14 St M
45° 11′ 35″N 83° 19′ 15″W
(31/12 CG9)

★**14869** 26Ed. 12/1/01 LAST NM 33/11 34/12
Change Visibility (range) of light to 14 St M
45° 11′ 35″N 83° 19′ 16″W
(31/12 CG9)

18003 20Ed. 11/06 LAST NM 28/12 34/12
Add Submarine cable [L30.1] joining 44° 20.9′ N 124° 58.0′ W
44° 23.1′ N 124° 52.2′ W
44° 26.3′ N 124° 46.8′ W
44° 32.4′ N 124° 44.5′ W
44° 36.2′ N 124° 38.0′ W
44° 45.6′ N 124° 35.8′ W
44° 46.6′ N 124° 33.4′ W
44° 45.8′ N 124° 30.6′ W
44° 41.4′ N 124° 27.4′ W

Submarine cable [L30.1] joining 45° 12.1′ N 123° 58.0′ W
45° 11.7′ N 124° 13.2′ W
45° 12.8′ N 124° 17.2′ W

Submarine cable [L30.1] between 45° 12.1′ N 123° 58.0′ W
45° 09.5′ N 124° 17.5′ W
(NOS)

18007 33Ed. 2/09 LAST NM 27/12 34/12
Add Submarine cable [L30.1] joining 44° 23.1′ N 124° 52.2′ W
44° 26.3′ N 124° 46.8′ W
44° 32.4′ N 124° 44.5′ W
44° 36.2′ N 124° 38.0′ W
44° 45.6′ N 124° 35.8′ W
44° 45.8′ N 124° 30.6′ W
44° 41.4′ N 124° 27.4′ W

Submarine cable [L30.1] joining 45° 12.1′ N 123° 58.0′ W
45° 11.7′ N 124° 13.2′ W
45° 12.8′ N 124° 17.2′ W

Submarine cable [L30.1] between 45° 12.1′ N 123° 58.0′ W
45° 09.5′ N 124° 17.5′ W
(NOS)

18008 8Ed. 7/28/07 LAST NM N27/12 N34/12
Add Submarine cable [L30.1] joining 44° 23.1′ N 124° 52.2′ W
44° 26.3′ N 124° 46.8′ W
44° 32.4′ N 124° 44.5′ W
44° 36.2′ N 124° 38.0′ W
44° 45.6′ N 124° 35.8′ W
44° 45.8′ N 124° 30.6′ W
44° 41.4′ N 124° 27.4′ W

Submarine cable [L30.1] joining 45° 12.1′ N 123° 58.0′ W
45° 11.7′ N 124° 13.2′ W
45° 12.8′ N 124° 17.2′ W

Submarine cable [L30.1] between 45° 12.1′ N 123° 58.0′ W
45° 09.5′ N 124° 17.5′ W
(NOS)

★**18520** 27Ed. 5/09 LAST NM 38/11 34/12
Add Submarine cable [L30.1] joining 44° 37.0′ N 124° 37.6′ W
44° 45.6′ N 124° 35.8′ W
44° 46.3′ N 124° 34.6′ W
44° 46.6′ N 124° 33.4′ W
44° 46.5′ N 124° 31.9′ W
44° 45.8′ N 124° 30.6′ W
44° 44.7′ N 124° 29.5′ W
44° 41.4′ N 124° 27.4′ W

Submarine cable [L30.1] joining 45° 12.1′ N 123° 58.0′ W
45° 11.3′ N 124° 01.5′ W
45° 10.2′ N 124° 20.0′ W

Submarine cable [L30.1] joining 45° 12.1′ N 123° 58.0′ W
45° 11.6′ N 124° 01.7′ W
45° 11.8′ N 124° 05.1′ W
45° 11.6′ N 124° 11.4′ W
45° 11.7′ N 124° 13.2′ W
45° 12.9′ N 124° 18.3′ W
(NOS)

18526 59Ed. 6/09 LAST NM 31/12 34/12
Add Danger circle [K1] "Subm buoy" (PA) marked
by buoy W Or (Priv) 45° 28′ 15.0″N 122° 40′ 02.0″W
(31/12 CG13)

★**18528** 11Ed. 7/08 LAST NM 31/12 34/12
(Left Section)
Add Danger circle [K1] "Subm buoy" (PA) marked
by buoy W Or (Priv) 45° 28′ 15.0″N 122° 40′ 02.0″W
(31/12 CG13)

★**18561** 13Ed. 12/11 LAST NM 33/12 34/12
Add Submarine cable [L30.1] joining
44° 41′ 27″N 124° 27′ 24″W
44° 44′ 41″N 124° 29′ 28″W
44° 45′ 18″N 124° 30′ 00″W
(NOS)

★**18580** 22Ed. 12/05 LAST NM 20/12 34/12
Add Submarine cable [L30.1] between 44° 38.1′ N 124° 37.3′ W
44° 41.0′ N 124° 36.8′ W
(NOS)

★**18584** 48Ed. 5/07 LAST NM 20/12 34/12
Add Tabulation of controlling depths from
Subsection I-2
(See 20/12-18584)
(NOS)

18649 67Ed. 12/09 LAST NM 28/12 34/12
Add Tabulations (2) of controlling depths from
Subsection I-2
(Supersedes 5, 25/12-18649)
(NOS)

★**18650** 56Ed. 9/09 LAST NM 28/12 34/12
Add Tabulation of controlling depths from
Subsection I-2
(Supersedes 5/12-18650)
(NOS)

★**18651** 44Ed. 4/06 LAST NM 19/12 34/12
Add Tabulation of controlling depths from
Subsection I-2
(Supersedes 19/12-18651)
(NOS)

★**18653** 11Ed. 10/09 LAST NM 25/12 34/12
Add Tabulation of controlling depths from
Subsection I-2
(Supersedes 25/12-18653)
(NOS)

18740 43Ed. 7/11 LAST NM 30/12 34/12
Change Designation of light "6" to "8" 33° 42.6′ N 118° 14.7′ W
(NOS)

★**21525** 21Ed. 12/31/11 NEW EDITION 34/12
(NGA)

23010 4Ed. 12/28/96 LAST NM 33/12 34/12
Add Wreck [K29] (PA) 46° 38.0′ S 67° 04.0′ W
Foul ground symbol [K31] 47° 40.0′ S 65° 35.0′ W
(11(134)11, 7(81)12 Buenos Aires)

23030 6Ed. 11/22/97 LAST NM 33/12 34/12
Add Wreck [K29] (PA) 37° 32.0′ S 56° 08.0′ W
(11(135)11 Buenos Aires)

23121 7Ed. 12/30/95 LAST NM 22/12 34/12
Change Designation of buoy “F4” to “M1”
39° 02′ 12″S 61° 49′ 28″W
Designation of buoy “F5” to “M2”
39° 01′ 18″S 61° 48′ 36″W
Characteristic of superbuoy to Mo(U) 15s
38° 57′ 41″S 62° 00′ 05″W
(9(111)09, 7(80)12 Buenos Aires)

23122 8Ed. 2/25/95 LAST NM 6/12 34/12
Delete Buoy “21.5” 38° 56′ 53.0″S 62° 04′ 52.1″W
Change Superbuoy to Y, Mo(U) 15s HORN
38° 56′ 42.0″S 62° 03′ 09.0″W

(Plan A)
Delete Buoy “21.5” 38° 56′ 53.2″S 62° 04′ 52.8″W
Change Superbuoy to Y, Mo(U) 15s HORN
38° 56′ 43.0″S 62° 03′ 10.3″W
(9(110)09, 7(80)12 Buenos Aires)

23124 4Ed. 1/8/11 LAST NM N32/12 N34/12
Change Superbuoy to Y, Mo(U) 15s HORN
38° 56′ 41″S 62° 03′ 10″W
Superbuoy to Y, Mo(U) 15s HORN
38° 57′ 41″S 62° 00′ 05″W
(7(80)12 Buenos Aires)

23126 6Ed. 1/1/01 LAST NM N8/12 N34/12
Delete Buoy “No 21.5” 38° 56.84′ S 62° 04.86′ W
Change Superbuoy to Y, Mo(U) 15s HORN
38° 56.68′ S 62° 03.16′ W
Superbuoy to Y, Mo(U) 15s HORN
38° 57.68′ S 62° 00.06′ W
(9(110)09, 7(80)12 Buenos Aires)

23127 4Ed. 1/1/01 LAST NM N20/12 N34/12
Delete Depth 16.3 meters 38° 59′ 05″S 61° 56′ 09″W
Buoy “No 21.5” 38° 56′ 50″S 62° 04′ 52″W
Change Superbuoy to Y, Mo(U) 15s HORN
38° 56′ 41″S 62° 03′ 10″W
Superbuoy to Y, Mo(U) 15s HORN
38° 57′ 41″S 62° 00′ 05″W
(6(65), 9(110)09, 7(80)12 Buenos Aires)

23145 3Ed. 5/3/97 LAST NM 33/12 34/12
Add Wreck [K29] (PA) 37° 32.0′ S 56° 08.0′ W
(11(135)11 Buenos Aires)

★37115 3Ed. 6/23/12 NEW EDITION N34/12
(NGA)

★37247 1Ed. 5/5/12 NEW CHART N34/12
(NGA)

★44444 8Ed. 5/19/12 NEW EDITION N34/12
(NGA)

★52045 7Ed. 5/19/12 NEW EDITION N34/12
(NGA)

★53082 15Ed. 6/9/12 NEW EDITION N34/12
(NGA)

★53201 7Ed. 5/19/12 NEW EDITION N34/12
(NGA)

54333 3Ed. 4/13/96 LAST NM 21/12 34/12
Add Stranded wreck [K24] 35° 25′ 34″N 27° 10′ 18″E
(6(122)12 Athens)

54351 7Ed. 11/26/94 LAST NM 35/10 34/12
(Plan)
Add Anchorage area [N12.1] bound by purple
dashed line joining 39° 20′ 44.4″N 22° 57′ 46.2″E
39° 20′ 32.4″N 22° 58′ 16.2″E
39° 19′ 56.4″N 22° 57′ 58.2″E
39° 20′ 44.4″N 22° 57′ 28.2″E

Anchorage area [N12.1] bound by purple
dashed line joining 39° 20′ 32.4″N 22° 58′ 16.2″E
39° 20′ 32.4″N 22° 59′ 10.2″E
39° 19′ 26.4″N 22° 59′ 10.2″E
39° 19′ 56.4″N 22° 57′ 58.2″E
(6(121)12 Athens)

54407 4Ed. 1/27/96 LAST NM 26/12 34/12
Add Depth 1 meter Rk [K14.1] “Rep (2012)”
36° 59′ 06″N 27° 15′ 12″E
(31(177)12 Istanbul)

54418 4Ed. 10/5/96 LAST NM 52/11 34/12
Add Depth 1 meter Rk [K14.2] “Rep (2012)”
36° 59′ 06″N 27° 15′ 12″E
(31(177)12 Istanbul)

54419 2Ed. 2/13/93 LAST NM 38/10 34/12
Delete Buoy (mooring) 36° 53′ 41.8″N 27° 17′ 17.1″E
Buoy (mooring) 36° 53′ 42.1″N 27° 17′ 16.0″E
Substitute Danger circle “Obstn” [K40] for buoy
(mooring) 36° 53′ 48.1″N 27° 17′ 41.3″E
Add Buoy (mooring) [Q40] Y 36° 53′ 43.1″N 27° 17′ 15.3″E
(See 47/09-54419)
(6(123)12 Athens; UKHO ARCS 1531-7)

55150 2Ed. 6/15/96 LAST NM 28/12 34/12
Add Dangerous wreck [K28] 41° 31.6′ N 31° 54.7′ E
(31(175)12 Istanbul)

56044 3Ed. 7/20/96 LAST NM 12/12 34/12
Add Platform SPM [L12] 33° 31′ 01″N 35° 19′ 33″E

(Plan B)
Add Platform SPM [L12] 33° 31′ 01.2″N 35° 19′ 33.0″E
(19(80)12 Brest)

56045 1Ed. 4/9/05 LAST NM 8/12 34/12
Delete Depth 36 meters 33° 54′ 30.8″N 35° 28′ 50.0″E

Rock which covers and uncovers with
drying height 0.4 meter 33° 54′ 24.0″N 35° 32′ 22.5″E
Change Characteristic of buoy to Fl(3) G 3s
33° 55′ 01.9″N 35° 32′ 04.5″E
Characteristic of buoy to Fl R 3s
33° 54′ 45.8″N 35° 31′ 58.5″E
Characteristic of light to Fl(3) R 3s
33° 54′ 43.7″N 35° 31′ 58.8″E
Characteristic of light to Fl G 2s
33° 54′ 40.2″N 35° 32′ 19.2″E
Add Submarine pipeline [L41.1] with legend
“Outfall” between 33° 54′ 07.9″N 35° 32′ 48.7″E
33° 54′ 58.8″N 35° 32′ 52.0″E

Buoy Y, conical, Fl(4) Y 10s 33° 55′ 00.0″N 35° 32′ 51.0″E

“Area under reclamation (2010)” [F31] bound
by shore and dashed line joining
33° 54′ 31.8″N 35° 32′ 13.1″E
33° 54′ 31.1″N 35° 32′ 24.7″E
33° 54′ 19.5″N 35° 32′ 22.2″E
and delete all hydrography within above area

Solid line between 33° 54′ 25.5″N 35° 30′ 39.6″E
33° 54′ 27.8″N 35° 30′ 39.1″E
and add land tint to area bound by shore and
above solid line

Buoy (mooring) [Q41] “No 1” Y, Fl Y
33° 54′ 28.8″N 35° 33′ 16.2″E

(continued on next page)

56045 (Continued)
Buoy (mooring) [Q41] "No 2" Y, Fl Y
33° 54′ 23.4″N 35° 33′ 16.2″E
Buoy (mooring) [Q41] "No 3" Y, Fl Y
33° 54′ 21.0″N 35° 33′ 10.2″E
Buoy (mooring) [Q41] "No 4" Y, Fl Y
33° 54′ 23.4″N 35° 33′ 06.6″E

Submarine pipeline [L40.1] between
33° 53′ 54.0″N 35° 33′ 18.6″E
33° 54′ 28.2″N 35° 33′ 09.6″E

(Plan A)
Delete Rock which covers and uncovers with drying height 0.4 meter 33° 54′ 24.0″N 35° 32′ 22.4″E

Legend "Spartacus" 33° 54′ 23.2″N 35° 32′ 18.0″E
Legend "Le Mirmillon" 33° 54′ 26.3″N 35° 32′ 28.9″E
Legend "Le Retiaire" 33° 54′ 24.8″N 35° 32′ 28.1″E

Legend "Area under reclamation (2001)"
33° 54′ 20.0″N 35° 30′ 29.8″E
Legend "Works in progress (1994)"
33° 54′ 04.9″N 35° 33′ 14.5″E

Change Characteristic of buoy to Fl(3) G 3s
33° 55′ 02.0″N 35° 32′ 04.2″E
Characteristic of buoy to Fl R 3s
33° 54′ 45.8″N 35° 31′ 58.2″E
Characteristic of light to Fl(3) R 3s
33° 54′ 43.7″N 35° 31′ 58.8″E
Characteristic of light to Fl G 2s
33° 54′ 40.2″N 35° 32′ 19.2″E

Add Submarine pipeline [L41.1] with legend "Outfall" between 33° 54′ 08.0″N 35° 32′ 48.7″E
33° 54′ 58.8″N 35° 32′ 52.0″E

Submarine pipeline [L41.1] with legend "Outfall' between 33° 54′ 09.1″N 35° 32′ 49.4″E
33° 54′ 21.0″N 35° 32′ 50.0″E

Buoy Y, conical, Fl(4) Y 10s 33° 55′ 00.0″N 35° 32′ 51.0″E

"Area under reclamation (2010)" [F31] bound by shore and dashed line joining
33° 54′ 31.8″N 35° 32′ 13.0″E
33° 54′ 31.1″N 35° 32′ 24.7″E
33° 54′ 19.5″N 35° 32′ 22.2″E

Solid line joining 33° 54′ 23.2″N 35° 30′ 40.1″E
33° 54′ 25.5″N 35° 30′ 39.7″E
33° 54′ 27.6″N 35° 30′ 38.4″E
33° 54′ 28.5″N 35° 30′ 39.1″E
and add land tint to area bound by shore and above solid line

Buoy (mooring) [Q41] "No 1" Y, Fl Y
33° 54′ 28.8″N 35° 33′ 16.2″E
Buoy (mooring) [Q41] "No 2" Y, Fl Y
33° 54′ 23.4″N 35° 33′ 16.2″E
Buoy (mooring) [Q41] "No 3" Y, Fl Y
33° 54′ 21.0″N 35° 33′ 10.2″E
Buoy (mooring) [Q41] "No 4" Y, Fl Y
33° 54′ 23.4″N 35° 33′ 06.6″E

Submarine pipeline [L40.1] between
33° 53′ 54.0″N 35° 33′ 18.6″E
33° 54′ 28.2″N 35° 33′ 09.6″E
(49(33)05, 1(37), 11(38)11, 25(82)12 Brest; 40(4827)10 Taunton)

★**61060** 7Ed. 6/16/12 NEW EDITION N34/12
(NGA)

62028 15Ed. 2/15/97 LAST NM 31/10 34/12
Delete Light 25° 17.5′ N 60° 28.1′ E
(22(2360)12 Taunton)

62377 2Ed. 3/30/96 LAST NM 21/09 34/12
Delete Light 25° 17′ 11″N 60° 28′ 02″E

Depth 16 meters, danger circle and legend "Obstruction" 25° 15′ 21″N 60° 29′ 22″E
(22(2360)12 Taunton)

63062 8Ed. 5/19/07 LAST NM 24/12 34/12
Add Depth 6.5 meters 22° 56′ 57″N 70° 14′ 37″E
Dangerous wreck [K28] (PA) 22° 36′ 18″N 70° 04′ 12″E
(See 37/10-63062)
(13(154, 155)12 Dehra Dun)

63065 6Ed. 2/17/96 LAST NM 30/12 34/12
Add Depth 6.5 meters enclosed by depth contour (5-meter) centered 22° 56′ 57.0″N 70° 14′ 37.2″E
(13(154)12 Dehra Dun)

63091 4Ed. 3/12/83 LAST NM 24/12 34/12
Change Visibility (range) of light to 27M
21° 02′ 18″N 71° 48′ 12″E

Add Foul ground symbol [K31] 21° 40′ 24″N 72° 24′ 35″E
(13(153, 156)12 Dehra Dun)

63100 3Ed. 2/4/12 LAST NM 30/12 34/12
Change Legend to "(66)" 17° 18.4′ N 73° 13.6′ E
Legend to "(46)" 17° 16.4′ N 73° 11.8′ E
Legend to "(270)" 17° 18.0′ N 73° 12.2′ E
(13(157)12 Dehra Dun)

63200 5Ed. 1/29/94 LAST NM 25/12 34/12
Add Dangerous wreck [K28] marked by buoy BRB, pillar, double ball topmark, Fl(2) 5s 10° 08.2′ N 76° 02.9′ E
(NTM0006/2012)

★**63205** 3Ed. 8/4/07 LAST NM N25/12 N34/12
Add Dangerous wreck [K28] marked by buoy BRB, pillar, double ball topmark, Fl(2) 5s
10° 08′ 12″N 76° 02′ 54″E
(NTM0006/2012)

★**91004** 3Ed. 7/21/12 NEW EDITION 34/12
(NGA)

★**91323** 2Ed. 5/19/12 NEW EDITION N34/12
(NGA)

★**92230** 4Ed. 5/19/12 NEW EDITION N34/12
(NGA)

93730 4Ed. 2/3/07 LAST NM 30/12 34/12
Substitute Depth 14.7 meters for 15.5 meters 22° 31.7′ N 114° 27.0′ E

Add Depth 19.1 meters Wk [K26] 22° 13.0′ N 114° 20.0′ E
(16(41, 42)12 Hong Kong)

93733 14Ed. 1/19/08 LAST NM N32/12 N34/12
Add Depth 19.1 meters Wk [K26] 22° 12′ 59″N 114° 20′ 01″E
(16(41)12 Hong Kong)

93734 13Ed. 10/20/07 LAST NM N27/12 N34/12
Add Depth 19.1 meters Wk [K26]
22° 12′ 58.6″N 114° 20′ 01.0″E
(16(41)12 Hong Kong)

★**803438** 1Ed. 2/24/12 NEW CHART N34/12
(NGA)

Chart 11505 NM 34/12

SAVANNAH RIVER CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUN 2012

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
TYBEE RANGE	43.0	44.5	45.5	42.5	6-12	600	3.79	44
BLOODY POINT RANGE	42.0	44.0	44.5	43.0	6-12	600	3.41	44
JONES ISLAND RANGE	43.0	43.5	44.5	44.0	6-12	600	1.33	44
TYBEE KNOLL CUT RANGE	43.0	44.5	43.5	43.5	6-12	500	2.84	42

NOTE: AT MEAN HIGH WATER, DEPTHS ARE ABOUT 7 FEET GREATER AT LOWER END OF THE HARBOR AND 7.7 FEET GREATER AT UPPER END OF HARBOR.

NOTE: FOR THE LEFT OUTSIDE AND RIGHT OUTSIDE QUARTERS, DEPTHS GIVEN REPRESENT CONDITIONS 75 FEET INSIDE THE CHANNEL LIMITS.

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

Chart 11506 NM 34/12

BRUNSWICK HARBOR CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAY 2012

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
ENTRANCE THRU TURTLE RIVER								
ST. SIMONS RANGE (A)	I32.0	I35.0	35.0	32.0	5-12	500	9.7	38
PLANTATION CREEK RANGE (B)	37.0	39.5	42.0	41.5	5-12	400	1.8	36
JEKYLL ISLAND RANGE (C)	39.0	39.0	38.5	37.0	5-12	400	1.9	36
CEDAR HAMMOCK RANGE (D)	37.0	37.0	36.5	34.0	5-12	400	1.4	36
BRUNSWICK POINT CUT RANGE	35.5	37.0	38.0	37.0	5-12	400	2.4	36
TURTLE RIVER LOWER RANGE	36.0	37.5	37.5	37.0	5-12	400	1.8	36
BLYTHE ISLAND RANGE	30.0	29.5	28.0	27.0	5-12	300	1.5	30
TURTLE RIVER UPPER RANGE	30.5	30.5	28.0	27.0	5-12	300	2.7	30
EAST RIVER (E)								
ENTRANCE TO SECOND AVE (F)	36.5	36.0	37.0	36.0	5-12	400	1.2	37- 41
SECOND AVE TO MAYOR'S POINT	J37.0	38.0	37.5	37.0	5-12	400	1.0	36
SOUTH BRUNSWICK RIVER (G & H)	38.0	38.0	37.5	35.5	5-12	400	1.3	36

A. THE ST. SIMONS RANGE WIDENER LEAST DEPTH WAS 26.0 FEET, LOCATED 50 FEET INSIDE THE CHANNEL LIMIT FROM THE RIGHT SIDE.

B. THE WIDENER AT INTERSECTION OF PLANTATION CREEK RANGE AND JEKYLL ISLAND RANGE LEAST DEPTHS WERE 46.0 FEET, LOCATED 100 FEET INSIDE THE CHANNEL LIMIT, AND 52.0 FEET, LOCATED 400 FEET INSIDE THE CHANNEL LIMIT FROM THE LEFT SIDE.

C. THE WIDENER AT INTERSECTION OF JEKYLL ISLAND RANGE AND CEDAR HAMMOCK RANGE LEAST DEPTH WAS 38.0 FEET, LOCATED 75 FEET INSIDE THE CHANNEL LIMIT FROM THE RIGHT SIDE.

D. THE WIDENER AT INTERSECTION OF CEDAR HAMMOCK RANGE AND BRUNSWICK POINT CUT RANGE LEAST DEPTH WAS 36.5 FEET, LOCATED 50 FEET INSIDE THE CHANNEL LIMIT FROM THE RIGHT SIDE.

E. THE EAST RIVER TURNING BASIN LEAST DEPTHS WERE 37.0 FEET 100 FEET FROM BACKSIDE, 36.0 FEET 400 FEET FROM BACKSIDE AND 37.0 FEET 600 FEET FROM BACKSIDE.

F. THE EAST RIVER ENTRANCE TO SECOND AVE WIDENER LEAST DEPTHS WERE 25.0 FEET LOCATED 50 FEET INSIDE THE CHANNEL LIMIT AND 33.0 FEET LOCATED 150 FEET INSIDE THE CHANNEL LIMIT FROM THE LEFT SIDE, AND 41.0 FEET LOCATED 75 FEET INSIDE THE CHANNEL LIMIT FROM THE RIGHT SIDE.

G. THE SOUTH BRUNSWICK RIVER TURNING BASIN LEAST DEPTHS WERE 40.0 FEET,100 FEET AND 40.0 FEET, 400 FEET FROM THE LEFT SIDE AND 40.0 FEET, 100 FEET AND 38.0 FEET, 400 FEET FROM THE RIGHT SIDE.

H. THE SOUTH BRUNSWICK RIVER GPA DOCK LEAST DEPTHS WERE 38.0 FEET ALONG THE DOCK AND 37.0 FEET ON THE RIGHT SIDE.

I. EXCEPT FOR A 35 FEET OBSTRUCTION LOCATED BY A NOS SURVEY OF JUL 2006 AT 31°04'15.5"N, 081°16'57.4"W.

J. EXCEPT FOR A DANGEROUS WRECK LOCATED IN APPROXIMATE POSITION 31°08'49.8"N, 81°29'59.3"W.

NOTE - FOR THE LEFT OUTSIDE AND RIGHT OUTSIDE QUARTERS, DEPTHS GIVEN REPRESENT CONDITIONS 50 FEET INSIDE THE CHANNEL LIMITS. (EXCEPT FOR THE EAST RIVER TURNING BASIN)

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

Chart 11512 NM 34/12

SAVANNAH RIVER CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUN 2012

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
TYBEE RANGE	43.0	44.5	45.5	42.5	6-12	600	3.79	44
BLOODY POINT RANGE	42.0	44.0	44.5	43.0	6-12	600	3.41	44
JONES ISLAND RANGE	43.0	43.5	44.5	44.0	6-12	600	1.33	44
TYBEE KNOLL CUT RANGE	43.0	44.5	43.5	43.5	6-12	500	2.84	42
NEW CHANNEL RANGE (A)	37.0	42.5	44.0	41.5	6-12	500	1.89	42
L. I. CROSSING RANGE	40.5	41.0	43.0	40.0	6-12	500	3.03	42
LOWER FLATS RANGE	40.0	44.0	45.0	41.0	6-12	500	1.52	42
UPPER FLATS RANGE	42.5	45.0	46.0	42.5	6-12	500	1.33	42
THE BIGHT CHANNEL	43.5	45.5	47.5	48.0	6-12	500	1.7	42
FT. JACKSON RANGE	43.0	46.5	45.5	42.5	6-12	500	0.76	42
OGLETHORPE RANGE	35.0	43.5	44.5	42.5	6-12	500	1.33	42
WRECKS CHANNEL (B)	35.0	43.5	46.5	43.5	6-12	500	1.7	42
CITY FRONT CHANNEL	41.0	46.5	46.0G	41.0	6-12	500	1.7	42
MARSH ISLAND CHANNEL (C)	40.0H	44.0	44.0	42.5	6-12	500	1.9	42
KINGS ISLAND CHANNEL (D)	40.5	42.0	42.0	40.0I	6-12	500	2.46	42
WHITEHALL CHANNEL (E)	24.5	27.5	28.0	28.0	6-12	400	0.66	42-36
PORT WENTWORTH CHANNEL (F)	30.0J	27.0	28.0	32.0	12-94; 6-12	200	1.33	30

A. OYSTER BED I. TURNING BASIN-CONTROLLING DEPTH 43.0 FT, 39.0 FT 100 FT FROM BACKSIDE.
B. FIG ISLAND TURNING BASIN-CONTROLLING DEPTH 38.0 FT, 35.0 FT 100 FT FROM BACKSIDE.
C. MARSH ISLAND TURNING BASIN-CONTROLLING DEPTH 35.0 FT, 35.0 FT 100 FT FROM BACKSIDE.
D. KINGS ISLAND TURNING BASIN-CONTROLLING DEPTH 43.5 FT, 49.0 FT 100 FT FROM BACKSIDE.
E. ARGYLE ISLAND TURNING BASIN-CONTROLLING DEPTH 26.0 FT 100 FT FROM BACKSIDE.
F. PORT WENTWORTH TURNING BASIN-CONTROLLING DEPTH 27.0 FT, 16.0 FT 100 FT FROM BACKSIDE.
G. EXCEPT FOR A 41 FOOT OBSTRUCTION LOCATED BY A NOS SURVEY AT 32°05'00.06"N 81°05'27.07"W
H. EXCEPT FOR A 39 FOOT OBSTRUCTION LOCATED BY A NOS SURVEY AT 32°05'18.29"N 81°05'58.99"W
I. EXCEPT FOR A 38 FOOT OBSTRUCTION LOCATED BY A NOS SURVEY AT 32°07'27.45"N 81°08'02.29"W
J. EXCEPT FOR A 31 FOOT OBSTRUCTION LOCATED BY A NOS SURVEY AT 32°09'15.04"N 81°09'11.46"W

NOTE: AT MEAN HIGH WATER, DEPTHS ARE ABOUT 7 FEET GREATER AT LOWER END OF THE HARBOR AND 7.7 FEET GREATER AT UPPER END OF HARBOR.
NOTE: FOR THE LEFT OUTSIDE AND RIGHT OUTSIDE QUARTERS, DEPTHS GIVEN REPRESENT CONDITIONS 75 FEET INSIDE THE CHANNEL LIMITS.
NOTE- CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11514 (Side A) NM 34/12

SAVANNAH RIVER CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUN 2012

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
OGLETHORPE RANGE	35.0	43.5	44.5	42.5	6-12	500	1.33	42
WRECKS CHANNEL (A)	35.0	43.5	46.5	43.5	6-12	500	1.7	42
CITY FRONT CHANNEL	41.0	46.5	46.0F	41.0	6-12	500	1.7	42
MARSH ISLAND CHANNEL (B)	40.0G	44.0	44.0	42.5	6-12	500	1.9	42
KINGS ISLAND CHANNEL (C)	40.5	42.0	42.0	40.0H	6-12	500	2.46	42
WHITEHALL CHANNEL (D)	24.5	27.5	28.0	28.0	6-12	400	0.66	42-36
PORT WENTWORTH CHANNEL (E)	30.0I	27.0	28.0	32.0	12-94; 6-12	200	1.33	30

A. FIG ISLAND TURNING BASIN-CONTROLLING DEPTH 38.0 FT, 35.0 FT 100 FT FROM BACKSIDE.
B. MARSH ISLAND TURNING BASIN-CONTROLLING DEPTH 35.0 FT, 35.0 FT 100 FT FROM BACKSIDE.
C. KINGS ISLAND TURNING BASIN-CONTROLLING DEPTH 43.5 FT, 49.0 FT 100 FT FROM BACKSIDE.
D. ARGYLE ISLAND TURNING BASIN-CONTROLLING DEPTH 26.0 FT 100 FT FROM BACKSIDE.
E. PORT WENTWORTH TURNING BASIN-CONTROLLING DEPTH 27.0 FT, 16.0 FT 100 FT FROM BACKSIDE.
F. EXCEPT FOR A 41 FOOT OBSTRUCTION LOCATED BY A NOS SURVEY AT 32°05'00.06"N 81°05'27.07"W
G. EXCEPT FOR A 39 FOOT OBSTRUCTION LOCATED BY A NOS SURVEY AT 32°05'18.29"N 81°05'58.99"W
H. EXCEPT FOR A 38 FOOT OBSTRUCTION LOCATED BY A NOS SURVEY AT 32°07'27.45"N 81°08'02.29"W
I. EXCEPT FOR A 31 FOOT OBSTRUCTION LOCATED BY A NOS SURVEY AT 32°09'15.04"N 81°09'11.46"W

NOTE: AT MEAN HIGH WATER, DEPTHS ARE ABOUT 7 FEET GREATER AT LOWER END OF THE HARBOR AND 7.7 FEET GREATER AT UPPER END OF HARBOR.
NOTE: FOR THE LEFT OUTSIDE AND RIGHT OUTSIDE QUARTERS, DEPTHS GIVEN REPRESENT CONDITIONS 75 FEET INSIDE THE CHANNEL LIMITS.
NOTE- CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11521 NM 34/12

CHARLESTON HARBOR ENTRANCE

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

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
ENTRANCE CHANNEL	48.6	48.7	49.0	47.4	5-12	A1000	17.5	B47
MOUNT PLEASANT RANGE	45.9	49.2	49.7	48.3	2-12	1000-600	1.8	45

A. MAINTAINED 800 FEET WIDE.
B. FOR WIDTH OF 1000 FEET, THE PROJECT DEPTH IS 42 FEET FOR OUTER 100 FEET.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11523 NM 34/12

CHARLESTON HARBOR ENTRANCE

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

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
ENTRANCE CHANNEL	48.6	48.7	49.0	47.4	5-12	A1000	17.5	B47
MOUNT PLEASANT RANGE	45.9	49.2	49.7	48.3	2-12	1000-600	1.8	45
REBELLION REACH	46.4	48.7	49.9	46.2	2-12	600	1.6	45

A. MAINTAINED 800 FEET WIDE.
B. FOR WIDTH OF 1000 FEET, THE PROJECT DEPTH IS 42 FEET FOR OUTER 100 FEET.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11524 NM 34/12

CHARLESTON HARBOR, COOPER RIVER AND SHIPYARD RIVER
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS- SURVEYS TO MAY 2012

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
ENTRANCE CHANNEL	48.6	48.7	49.0	47.4	5-12	A1000	17.5	B47
MOUNT PLEASANT RANGE	45.9	49.2	49.7	48.3	2-12	1000-600	1.8	45
REBELLION REACH	46.4	48.7	49.9	46.2	2-12	600	1.6	45
BENNIS REACH	45.7	48.7	48.6	48.1	2-12	600	1.5	45
HORSE REACH	51.3	50.8	50.4	45.4	2-12	(C) VARIES	0.6	45
CUSTOMHOUSE REACH	35.0	49.0	48.0	47.0	4-10	1385	0.2	45
SOUTH CHANNEL	25.0	25.0	25.0	D25.0	10-96; 11-10	600-1000	3.6	45
HOG ISLAND REACH	47.1	47.2	47.1	43.7	2-12	(E) 800-600	1.6	45
DRUM ISLAND REACH	43.4	49.1	48.6	47.4	2-12	1200-600	0.8	45
TIDEWATER REACH	F35.9	F32.3	F32.2	F31.3	2-12	650	0.7	40
TOWN CREEK LOWER REACH	38.1	42.0	44.3	45.4	2-12	450-400	1.1	45
TOWN CREEK LOWER REACH TB	41.6	38.1	38.1	38.1	2-12	300	0.25	35
TOWN CREEK UPPER REACH	40.7	40.5	40.5	41.7	7-11	250	1.0	16
MYERS BEND	49.8	50.1	48.2	47.2	2-12	VARIES	0.5	45
DANIEL ISLAND REACH	45.0	45.6	44.1	45.0	2-12	880	1.4	45
DANIEL ISLAND BEND	49.2	50.8	51.3	50.0	2-12	800-700	0.5	45
CLOUTER CREEK REACH	46.5	48.5	48.6	44.9	2-12	600	1.3	45
NAVY YARD REACH	44.3	47.2	47.2	41.6	2-12	600-700	1.1	45
NORTH CHARLESTON REACH	46.8	49.5	50.0	47.2	2-12	500-600	1.0	45
FILBIN CREEK REACH	45.5	48.5	50.3	48.5	2-12	500	0.9	45
PORT TERMINAL REACH	44.5	47.8	49.5	47.3	2-12	600	0.7	45
ORDNANCE REACH	40.8	39.9	44.0	44.9	2-12	600	0.4	45
ORDNANCE REACH TURNING BASIN	47.0	36.7	36.7	35.3	2-12	800	0.4	45
WANDO RIVER								
LOWER REACH	45.9	47.6	48.0	42.1	2-12	1500-400	1.4	45
UPPER REACH	42.8	F43.2	F42.0	F44.2	2-12	850-600	0.9	45
TURNING BASIN	44.6	46.5	47.6	50.3	2-12	550	0.4	45
SHIPYARD CREEK								
MAIN CHANNEL	26.8	28.2	28.2	24.6	2-11	1200-200	1.1	45-30
LOWER TURNING BASIN	48.6	47.9	47.9	46.0	2-11	VARIES	0.2	45
UPPER TURNING BASIN	14.0	20.7	20.7	19.6	2-07; 5-10; 2-11	VARIES	0.1	30
COOPER RIVER								
RANGE A	39.0	39.0	39.0	G37.0	6-11; 9-11	400-650	1.2	35
RANGE B	32.6	35.1	35.1	35.0	3-10; 6-11	500-700	0.9	35
RANGE C	22.0	32.8	39.0	35.0	1-99; 12-03; 6-11	550-1000	0.9	35
RANGE D	29.8	30.0	28.0	26.0	3-10; 6-11	400-650	0.7	35
RANGE E	31.0	36.0	38.0	38.0	6-11	350-650	0.4	35
RANGE F	25.0	34.0	36.0	34.0	1-95; 6-11	650-800	0.3	35

A. MAINTAINED 800 FEET WIDE.
B. FOR WIDTH OF 1000 FEET, THE PROJECT DEPTH IS 42 FEET FOR OUTER 100 FEET.
C. ONLY REPORTING 600' WIDTH FROM RIGHT TOE OF CHANNEL.
D. ALONG CHANNEL EDGE.
E. ONLY REPORTING 600' WIDTH FROM LEFT TOE OF CHANNEL.
F. NEAR END OF PIER.
G. 31.0 FT ALONG CHANNEL EDGE.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 12222 NM 34/12

NORFOLK HARBOR AND APPROACHES
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JAN 2012

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
THIMBLE SHOAL CHANNEL (A)	48.3	50.3	50.0	47.1	7-11	1000	13.0	55
NORTH AUXILIARY CHANNEL (B)						450		32
SOUTH AUXILIARY CHANNEL (B)						450		32
NORFOLK HARBOR								
ENTRANCE REACH	50.0	52.4	52.6	51.8	7-10	1000-1440	1.4	50
NORFOLK HARBOR REACH	46.3	49.4	49.7	46.0	9,10,11-11;1-12	1250-800	3.8	55
CRANEY ISLAND REACH	49.3	51.6	50.2	49.8	9,10,11-11;1-12	800	2.1	55
LAMBERT BEND	43.0	43.0	43.0	41.6	1-10	750	0.3	45
LAMBERT BEND TO PINNER POINT	42.6	43.0	43.0	40.4	1-10	750	1.0	45
PINNER POINT TO TOWN PT REACH	37.2	40.0	40.0	39.2	1-10	750	1.0	45
NEWPORT NEWS CHANNEL	47.2	C49.3	49.7	49.4	8-11	800	4.2	55
CAPE HENRY CHANNEL	45.6	50.0	47.9	43.5	10-11	1000	4.0	50
YORK SPIT CHANNEL	39.9	49.5	50.1	44.8	10,11-11	1000D	18.4	50
YORK RIVER ENTRANCE CHANNEL	35.6	37.5	37.7	37.0	8-09;3-10	750	17.0	37

A. CHANNEL IS RESTRICTED TO EXCLUDE VESSELS AND TOWS DRAWING LESS THAN 25 FEET. CHANNEL MAINTAINED TO 50 FEET.
B. PROJECT MAINTENANCE DISCONTINUED
C. 51 FOOT OBSTRUCTION LOCATED AT 36°57'12.4"N, 76°24'45.1"W.
D. CHANNEL WIDTH MAINTAINED TO 800 FEET
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 12245 NM 34/12

NORFOLK HARBOR AND NEWPORT NEWS CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JAN 2012

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
NORFOLK HARBOR ENTRANCE REACH	50.0	52.4	52.6	51.8	7-10	1000-1440	1.4	50
NORFOLK HARBOR REACH	46.3	49.4	49.7	46.0	9,10,11-11;1-12	1250-800	3.8	55
CRANEY ISLAND REACH	49.3	51.6	50.2	49.8	9,10,11-11;1-12	800	2.1	55
NEWPORT NEWS CHANNEL	47.2	A49.3	49.7	49.4	8-11	800	4.2	55

A. 51 FOOT OBSTRUCTION LOCATED AT 36°57'12.4"N, 76°24'45.1"W.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 12253 NM 34/12

ELIZABETH RIVER CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JAN 2012

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
CRANEY ISLAND REACH	49.3	51.6	50.2	49.8	9,10,11-11;1-12	800	2.1	55
LAMBERT BEND	43.0	43.0	43.0	41.6	1-10	750	0.3	45
LAMBERT BEND TO PINNER POINT	42.6	43.0	43.0	40.4	1-10	750	1.0	45
PINNER POINT TO TOWN POINT REACH	37.2	40.0	40.0	39.2	1-10	750	1.0	45
TOWN POINT REACH	37.9	39.0	39.7	37.9	1-10	750	0.6	45
SOUTHERN BRANCH:								
LOWER REACH	37.7	39.2	39.4	35.9	1-10	450-800	1.7	45
MIDDLE REACH	33.5	39.7	40.0	34.4	1-10	375	0.9	45

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

Chart 12312 NM 34/12

DELAWARE RIVER CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF APR 2012

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
CHERRY ISLAND RANGE	38.2	39.4	40.6	38.6	12-10	800	4.33	40
BELLEVUE RANGE	39.3	40.3	40.9	40.9	7-10	800	3.05	40
MARCUS HOOK RANGE	35.7	38.8	40.7	41.5	1-11	800	4.25	40
CHESTER RANGE	35.9	40.9	40.8	40.7	2-11	800	1.82	40
EDDYSTONE RANGE	38.4	40.2	41.1	40.6	2-11	800	1.08	40
TINICUM RANGE	35.8	40.7	40.4	37.9	2-11	800	3.03	40
BILLINGSPORT RANGE	39.8	40.9	41.5	34.5	2-11	800	1.15	40
MIFFLIN RANGE	36.0	37.8	40.9	38.2	2-11	800	2.83	40
EAGLE POINT RANGE	36.4	40.7	40.1	39.4	1-11	800	1.74	40
HORSESHOE BEND	32.4	39.2	43.6	41.6	1-11	800-500	0.80	40
EAST HORSESHOE RANGE AND REACH M	36.4	40.5	42.5	43.8	1-11	500-400	1.19	40
REACH M TO BENJAMIN FRANKLIN BRIDGE	21.5	35.0	37.9	37.2	1-11	400	2.95	40
BENJAMIN FRANKLIN BRIDGE TO CAMBRIA ST	28.7	39.6	40.1	39.6	1-11	400	2.00	40
CAMBRIA ST TO ALLEGHENY AVE	37.6	37.6	37.4	35.0	1-11	400	0.42	40
HARBOR RANGE	36.4	36.9	37.2	36.1	2-12	400	0.70	40
FISHER CHANNEL	39.5	43.3	44.1	42.2	2-12	400	0.31	40
DRAW CHANNEL	37.1	42.4	43.2	40.2	2-12	400	0.74	40

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

Chart 12313 NM 34/12

DELAWARE RIVER CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF APR 2012

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
TINICUM RANGE	35.8	40.7	40.4	37.9	2-11	800	3.03	40
BILLINGSPORT RANGE	39.8	40.9	41.5	34.5	2-11	800	1.15	40
MIFFLIN RANGE	36.0	37.8	40.9	38.2	2-11	800	2.83	40
EAGLE POINT RANGE	36.4	40.7	40.1	39.4	1-11	800	1.74	40
HORSESHOE BEND	32.4	39.2	43.6	41.6	1-11	800-500	0.80	40
EAST HORSESHOE RANGE AND REACH M	36.4	40.5	42.5	43.8	1-11	500-400	1.19	40
REACH M TO BENJAMIN FRANKLIN BRIDGE	21.5	35.0	37.9	37.2	1-11	400	2.95	40
BENJAMIN FRANKLIN BRIDGE TO CAMBRIA ST	28.7	39.6	40.1	39.6	1-11	400	2.00	40
CAMBRIA ST TO ALLEGHENY AVE	37.6	37.6	37.4	35.0	1-11	400	0.42	40
HARBOR RANGE	36.4	36.9	37.2	36.1	2-12	400	0.70	40
FISHER CHANNEL	39.5	43.3	44.1	42.2	2-12	400	0.31	40

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

Chart 18584 NM 34/12

UMPQUA RIVER CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUN 2012 AND SURVEYS TO JUN 2012

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
UMPQUA RIVER ENTRANCE							
ENTRANCE CHANNEL	21	23	24	6-12	---	1.2	26
UMPQUA RIVER TURN	19	23	23	6-12	200	1.3	22
SALMON HARBOR REACH	23	23	21	5-12	200	2.1	22
BARRETTS RANGE	20	20	20	10-11	200	2.0	22
MILE SIX BAR	21	21	21	3-11	200	2.2	22
CANNERY SANDS							
JCT TO LEEDS ISLAND LIGHT	15	15	14	4-11	200	1.8	22
GARDINER CHANNEL	13	12	4	4-11	200	1.2	22
TURNING BASIN	5	3	1	4-11	---	0.2	22
REEDSPORT REACH							
CHANNEL (9.65-10.8)	17	17	17	5-11	200	1.15	22
TURNING BASIN	22	25	23	5-11	600	0.2	22
CHANNEL (11.0-11.8)	13	13	8	5-11	200	0.8	22
WINCHESTER BAY							
WEST CHANNEL	10	12	12	10-11	100	0.8	16
EAST CHANNEL (0.0-0.7)	11	11	11	10-11	100	0.7	16
EAST CHANNEL (0.7-0.9)	9	5	4	10-11	75	0.2	12

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

Chart 18649 NM 34/12

OAKLAND OUTER AND INNER HARBORS

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

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
BAR CHANNEL	49.0	50.0	50.0	50.0	1-12	1000-930	0.57	50
OUTER HARBOR ENTRANCE CHANNEL	48.0	49.0	50.0	50.0	1,5-12	900-600	0.91	50
OUTER HARBOR	39.0	39.0	39.0	39.0	2-10; 3,5-12	1575-600	1.40	50
INNER HARBOR								
ENTRANCE CHANNEL	49.0	50.0	50.0	48.0	1,2-12	2100-480	1.10	50
INNER HARBOR REACH	48.0	50.0	49.0	46.0	2,3,5-12	1325-480	2.27	50
GROVE ST PIER TO BROOKLYN BASIN	A26.0	31.0	32.0	B27.0	2,12-10; 1,5-11	600	1.30	35
BROOKLYN BASIN SOUTH CHANNEL	C12.0	21.0	23.0	D15.0	12-10	600-500	0.90	35
PARK ST BRIDGE REACH	11.0	22.0	23.0	11.3	7-86;12-10	500-275	0.42	35

A. A DEPTH OF 31.0 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER.
B. A DEPTH OF 32.0 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER.
C. A DEPTH OF 18.0 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER.
D. A DEPTH OF 19.0 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 18649 NM 34/12

RICHMOND HARBOR AND SOUTHAMPTON SHOAL CHANNEL DEPTHS

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

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
SOUTHAMPTON SHOAL CHANNEL	42	45	45	44	3-12	600	1.1	45
RICHMOND HARBOR								
ENTRANCE CHANNEL	36	36	36	36	3-12	600-550	1.0	38
POINT POTRERO REACH	35	35	36	34	3-12	500-600	1.4	38
POINT POTRERO TURN	36	38	37	37	3-12	600-1250	0.6	38
HARBOR CHANNEL	37	37	37	37	3-12	850-200	0.5	38
SANTA FE CHANNEL	27	29	29	26	9-09; 3-12	200	0.5	38-30
TURNING BASIN	27	28	27	21	9-09	200-500	0.16	30

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

Chart 18650 NM 34/12

OAKLAND OUTER AND INNER HARBORS

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

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
BAR CHANNEL	49.0	50.0	50.0	50.0	1-12	1000-930	0.57	50
OUTER HARBOR ENTRANCE CHANNEL	48.0	49.0	50.0	50.0	1,5-12	900-600	0.91	50
OUTER HARBOR	39.0	39.0	39.0	39.0	2-10; 3,5-12	1575-600	1.40	50
INNER HARBOR								
ENTRANCE CHANNEL	49.0	50.0	50.0	48.0	1,2-12	2100-480	1.10	50
INNER HARBOR REACH	48.0	50.0	49.0	46.0	2,3,5-12	1325-480	2.27	50
GROVE ST PIER TO BROOKLYN BASIN	A26.0	31.0	32.0	B27.0	2,12-10; 1,5-11	600	1.30	35
BROOKLYN BASIN SOUTH CHANNEL	C12.0	21.0	23.0	D15.0	12-10	600-500	0.90	35
PARK ST BRIDGE REACH	11.0	22.0	23.0	11.3	7-86;12-10	500-275	0.42	35

A. A DEPTH OF 31.0 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER.
B. A DEPTH OF 32.0 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER.
C. A DEPTH OF 18.0 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER.
D. A DEPTH OF 19.0 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 18651 NM 34/12

REDWOOD CITY HARBOR CHANNEL DEPTHS

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

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
CHANNEL ENTRANCE (37°33'10"N., 122°11'43"W.) TO LIGHT 8	28.0	28.0	27.0	12-11; 3-12	700-300	1.07	30
LIGHT 8 TO LIGHT 14	28.0	27.0	28.0	3-12	300-350	.90	30
LIGHT 14 TO LIGHT 15	28.0	28.0	28.0	3-12	300	.28	30

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

Chart 18653 NM 34/12

RICHMOND HARBOR AND SOUTHAMPTON SHOAL CHANNEL DEPTHS

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

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
SOUTHAMPTON SHOAL CHANNEL	42	45	45	44	3-12	600	1.1	45
RICHMOND HARBOR								
ENTRANCE CHANNEL	36	36	36	36	3-12	600-550	1.0	38
POINT POTRERO REACH	35	35	36	34	3-12	500-600	1.4	38
POINT POTRERO TURN	36	38	37	37	3-12	600-1250	0.6	38
HARBOR CHANNEL	37	37	37	37	3-12	850-200	0.5	38
SANTA FE CHANNEL	27	29	29	26	9-09; 3-12	200	0.5	38-30
TURNING BASIN	27	28	27	21	9-09	200-500	0.16	30

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

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 52/11 THROUGH NM 34/12

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
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	30/12
402	4	8,30/12
411	53	9,10,14,17/12
501	13	52/11;3,7,10,27/12
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	7,20,27,34/12
531	24	3,13/12
532	17	26/12
602	6	29/12
603	6	2,27/12
604	5	2/12
608	2	13,27/12
622	9	2,29/12
623	9	27,29/12
704	1	11,31/12
705	3	11/12
800	4	12,26/12
1113A		6,34/12
1114A		23/12
1115A		8,9,11,13,16,18,20,23,26, 27,29,30,34/12
1116A		29*,30,31,32,34/12
1117A		52,53/11;8,9,12,16,22,27, 34/12
11004	8	53/11;7,8,9,11,17,18,20, 21,22,26,30,32/12
11006	33	8,18,23,26,27,29,31/12
11009	39	5,26/12
11013	48	14/12*
11300	43	52,53/11;8,9,12,16,22,27, 34/12
11304	14	22/12*
11305	2	N3,N22,N26/12
11307	38	34/12
11308	24	3/12
11309	41	22*,26,34/12
11310	2	N22,N26/12
11311	24	22,26/12
11312	5	3,22,26,34/12
11316	42	16,19/12
11317	32	16/12
11318	2	N3,N22,N26/12
11319	33	16/12
11320	1	N34/12
11321	30	6,32/12
11322	33	27/12*
11323	64	23*,26,27,29/12
11324	37	7,9,13,16,22,26,27,29,32, 34/12
11325	39	7,9,13,16,26,29/12
11326	38	8*,11,16,17,18,27,29, 34/12
11327	35	9,11,13,16,26,27,29,30, 32/12
11328	26	8,9,11,13,16,17,18,26,27, 29,32/12
11329	38	7,9,13,16,17,18,26,29, 34/12
11330	21	52,53/11;6,9,11,16,20,22, 26,30,34/12
11331	21	34/12
11332	32	14*,17,19,20,27/12
11339	3	2,9,11,14,19,23,27,34/12
11340	76	29*,30,31,32,34/12
11341	43	11,12,13,14,17,19,20,26, 34/12
11342	54	11,12,13,17,22,23,26,29, 34/12
11343	38	17,22,26,32,34/12
11344	39	14*,19,23,26,27,29,30, 34/12
11345	35	22*,30/12
11346	4	29*,30,34/12
11347	39	2,9,11,14,19,23,27,34/12
11348	22	2,19,30/12
11349	44	2,11,23,26/12
11350	28	33/12*
11351	43	18*,21,34/12
11352	41	13,14,17,29,30,31,34/12
11353	6	53/11;11,14,19,21,26, 30/12
11356	39	32*,34/12
11357	42	31*,34/12
11358	56	1,2,3,8,9,11,16,18,21,26, 29,30,31,34/12
11359	14	16,18,21,34/12
11360	44	8,9,11,13,16,18,20,23,26, 27,29,30,34/12
11361	76	52,53/11;1,11,13,14,16, 18,34/12
11362	5	N8,N9,N11,N13,N16, N18,N20,N23,N26,N27, N29,N30,N34/12
11363	43	53/11;11,14,19,21,26, 30/12
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, 23,26,27,29,30,31,34/12
11367	36	53/11;18,20,22,23,26/12
11368	25	11*,18,20,22,23/12
11370	28	10*,12,16,20,23,26,27, 34/12
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, 31,34/12
11377	9	53/11;1,13,16,21,27/12
11378	37	1,3,12,13,16,19,27,28,29, 32,34/12
11380	2	53/11;13,21,27/12
11382	41	3,19,23,28,29,34/12
11383	52	3,12,19,27,28,32,34/12
11384	36	3,12,19,28,32,34/12
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	23/12
11401	30	23/12
11411	18	18*,19/12
11412	45	27/12*
11415	9	18/12*
11416	11	14*,15,19/12
11420	29	6,34/12
11423	8	N6/12
11424	20	27/12*
11425	38	4,5,11/12
11426	38	17/12
11427	35	17/12
11434	28	5,6,34/12
11435	14	N5,N6/12
11439	26	5,6,17,34/12
11441	41	9,17,18/12
11442	35	7,34/12
11445	31	31/12*
11446	32	9/12
11447	37	9,18/12
11450	11	9/12
11451	35	7,9,18/12
11452	22	7/12
11453	17	7/12
11460	42	9/12
11461	5	9/12
11462	26	52/11*;9/12
11463	18	9,18,27/12
11464	17	27/12
11465	39	34/12
11466	39	10,19/12
11467	43	10*,11,19,21,34/12
11469	9	10/12
11470	39	10,19,21/12
11471	1	N10,N19/12
11472	35	11,22,23/12
11473	1	N10/12
11475	19	23/12
11477	6	N23/12
11478	22	23/12
11480	41	3,10,11,13/12
11481	7	23/12
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	37	9,28,30/12
11492	21	30/12
11494	9	N52/11;N20/12
11496	10	N3,N6,N10,N11,N12, N13/12
11502	33	4,12,13/12
11503	44	18*,20/12
11504	18	12/12
11505	4	4,10,29,31,34/12
11506	44	10,14,21,28,34/12
11507	34	52/11;3,9,17,20,23,29, 34/12
11509	32	14*,17,18,20,34/12
11510	20	52/11;13,34/12
11511	18	18,20,29/12
11512	62	3,4,9,10,13,14,17,18,21, 23,29,31,34/12
11513	26	52/11;3,6,12/12
11514	30	4,10,13,14,21,23,29, 34/12
11516	31	52/11;6,9,14/12
11517	18	3,9,12/12
11518	38	31/12*
11520	44	3,5,10,12,15,26,34/12
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,N26/12
11527	18	2*,29/12
11532	21	53/11;9,10,12,17,21/12
11534	37	16*,17,21,34/12
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	11,33/12
11554	17	11/12*
11555	41	18*,26/12
12200	50	1,5,10,11,15,24,26,27/12
12201	26	N1,N5,N10,N11,N15, N27/12
12204	37	15,24/12
12205	33	27/12*
12206	33	14/12
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	1,8,10,11,22,24,26,27/12
12222	53	10,11,22,26,34/12
12224	25	1,8,11,22,27/12
12225	60	4*,25,26,27,33/12
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	25,33/12
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	11,15,33,34/12
12248	42	4,10,15/12
12251	23	14,24/12
12252	24	10/12
12253	47	22*,34/12
12254	49	4,7,11,26/12
12255	17	4,7/12
12256	17	52/11*;11/12
12263	55	8,26,34/12
12264	30	7,10,11,25/12
12266	30	8,26,34/12
12270	35	34/12
12272	31	10,25,34/12
12273	58	10*,25,26,33/12
12277	35	4/12
12278	77	10,22,25,26,33/12
12280	10	7*,11,25,26,27,33,34/12
12281	54	27*,33/12
12282	36	31*,33/12
12283	28	29/12*
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	48	14,29,31,33,34/12
12301	22	N14,N29,N31,N33, N34/12
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	1/12
12324	35	18*,26,27,30/12
12325	4	31/12
12326	51	1,22,27,29,30,31/12
12327	105	23*,26,30,31,33/12
12331	32	1,10,15/12
12332	23	1,10,15/12
12333	36	52/11;1,9,10,15,17,21,26, 29/12
12334	71	1,9,21,30,33/12
12335	45	18*,30/12
12337	23	15/12
12339	46	12,25/12
12341	28	20/12
12342	23	25/12
12346	11	10/12
12347	31	24/12
12350	60	13,30/12
12352	33	22,30/12
12353	19	3/12*
12354	44	29*,30,31,34/12
12358	21	8,11,25,27,30,31/12
12362	17	25,30/12
12363	41	9,20,25,30,34/12
12364	38	8,9,17,20,23,25,30,31, 34/12
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	1,3,7,10,25,28,31/12
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, 29,31/12
13006	35	1,7,12,14,18,23,29,31/12

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 52/11 THROUGH NM 34/12

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.
13009	35	1,7,12,18,23,34/12
13200	37	12,18,34/12
13201	11	N12,N18,N31,N34/12
13203	13	12/12
13205	39	8,9,10,19,25,31/12
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	8,9,19/12
13218	41	7,8,9,19,24,26,27,33, 34/12
13219	13	6*,9/12
13221	59	18*,23,24,26,29/12
13223	42	14*,19,24,31/12
13224	39	23,26,29/12
13225	34	29/12
13226	7	23,26/12
13229	31	12,15,19,20,27,31,33, 34/12
13230	50	27/12
13233	19	20,31/12
13235	6	15/12
13236	31	23/12*
13237	41	1,12,18,19,20,26,27,31, 33/12
13238	16	20,31/12
13241	17	32/12*
13242	18	6*,15/12
13244	41	3*,12,18,26,27/12
13246	39	12,18,26,31/12
13248	11	26/12
13249	13	26,28/12
13250	9	31/12
13260	40	1,7,12,23/12
13263	8	N1,N7,N12,N23/12
13267	35	26/12
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*
13302	23	6*,13/12
13305	29	31/12*
13307	10	2/12
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
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
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	1,7/12
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
14832	34	19/12
14833	26	19/12
14836	27	22/12
14838	4	19/12
14839	37	7/12
14842	15	30/12
14844	32	30/12
14846	14	2/12
14848	58	2,20,26/12
14852	46	30,33/12
14853	17	2,20,26,30,33/12
14854	14	20/12
14860	36	53/11;34/12
14864	27	1,2,16,33,34/12
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;31/12
14883	43	52/11;2,31,33/12
14884	39	33/12
14901	15	14,15,19,26/12
14902	29	7,16,26,33/12
14903	24	22/12
14904	26	20/12
14905	31	15,19,20,28/12
14907	27	11/12
14908	18	28,30/12
14909	20	19/12
14910	23	7/12
14911	21	16/12
14913	19	26/12
14916	10	7/12
14917	24	16,19,26/12
14918	27	7/12
14922	20	20/12
14924	28	16/12
14926	12	53/11;11,15,19,20,21, 28/12
14927	25	15,19/12
14928	23	11/12
14929	25	53/11;15,21/12
14932	23	16/12
14933	24	28/12
14961	12	21,33/12
14962	20	33/12
14964	21	21,33/12
14965	22	33/12
14972	26	19,28/12
14975	35	28/12
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
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
16016	21	19/12
16066	7	10/12
16161	1	27/12*
16206	8	31/12
16520	23	26/12
16528	17	14/12
16530	7	14/12
16531	7	29/12
16532	6	29/12
16535	12	28/12
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
16645	20	3*,25/12
16646	14	3*,29/12
16647	4	2*,25/12
16660	31	27/12*
16662	9	27/12*
16663	9	18*,26,28/12
16665	10	3*,19,26,28/12
16700	32	29/12*
16707	13	22/12
16708	28	23/12
16761	16	29,31/12
17003	4	20/12
17005	10	13,28/12
17007	1	N11,N20/12
17300	31	21/12
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
17372	12	6/12*
17385	18	6/12*
17400	17	52/11;8,9/12
17406	7	52/11;8,9/12
17407	15	19/12
17417	1	N20/12
17418	1	N11/12
17419	1	N11/12
17423	14	19/12
17424	9	2/12
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
17514	1	N3,N13,N15,N28/12
17523		N13,N20/12
17525	1	N29/12*
18000	8	52/11;10,11,17/12
18002	7	N52/11;N10,N17/12
18003	20	3,5,7,13,20,28,34/12
18005	5	N2,N10,N17/12
18006	4	N7,N17/12
18007	33	3,7,13,20,27,34/12
18008	8	N3,N7,N20,N27,N34/12
18009	3	N2,N10,N16/12
18010	21	2,10,20,27/12
18020	39	10*,17/12
18022	36	52/11;2,10,11,17,20/12
18400	49	22*,28,33/12
18404	2	N13/12
18419	11	9/12
18421	50	5,6,15,17,18,19,22,23, 33/12
18423	38	53/11*;4,5,6,8,10,12,15, 16,17,18,19,22,23,31, 33/12
18424	28	18,22,31/12
18427	23	13,17,18/12
18428	10	18,23/12
18429	10	15,17,18,33/12
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	1	N9,N11,N24/12
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	22,28/12
18448	35	22/12*
18449	19	2,4,8,10,16,18,19,22,24, 25,27/12
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	2,8,13,15,20,22,23/12
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	2,3,5,13,15,19,22,28/12
18484	12	20,22/12
18485	16	20,22/12
18500	30	15,20/12
18502	87	2,11,15,24/12
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	36	9,15,19,26,28,30/12
18526	59	9,10,13,15,19,26,28,30, 31,34/12
18528	11	10,30,31,34/12
18531	22	9,15,30/12
18532	21	8,15,28/12
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	2,21,31/12
18588	37	1,33/12
18600	15	5/12
18602	13	18*,26/12
18603	17	6/12
18620	24	16*,27/12
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, 28,34/12
18650	56	4,5,8,14,24,26,28,34/12
18651	44	15,18,19,34/12
18652	36	53/11;1,4,6,8,14,16,18, 19,24,25,26/12
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

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 52/11 THROUGH NM 34/12

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.
18666	1	25/12
18680	31	1,2,9,10,16/12
18685	33	2,11,16/12
18700	22	7,17/12
18720	33	52/11;7,11,17,20,21/12
18721	12	7,17,20,21/12
18723	3	17/12
18724	2	31/12
18725	29	20,31/12
18728	9	23/12
18729	13	23/12
18740	43	52/11;2,11,21,23,30, 34/12
18741	19	N52/11;N30/12
18746	38	21,23/12
18749	43	18/12
18751	46	18,31/12
18754	19	33/12*
18755	10	52/11;21/12
18758	7	15/12
18760	7	N52/11;N7,N11,N17, N23,N30/12
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	15,21,30/12
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	1,11,26,30/12
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;26/12
19367	39	7,26,30/12
19369	6	7,26,30/12
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
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
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	26/12
21546	3	7,26/12
21605	7	3/12
22004	38	4,20/12
22008	35	52/11
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	23/12
22142	2	9,31/12
22143	4	9/12
22160	2	52/11;5,9/12
22170	3	52/11;5,9/12
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	3/12
22250	2	28/12
22252	19	N3,N28/12
22262	3	31/12
22263	2	25/12
22264	3	25/12
22282	17	7/12
22285	1	7/12
22290	4	4,8/12
22293	15	8,20/12
22294	17	N21/12*
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	3/12
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	N16/12*
22371	5	53/11
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
22433	3	28/12
22434	2	53/11
22436	2	28/12
22461	1	N6/12
22481	35	14,19/12
22492	3	53/11;19/12
22523	4	N3/12*
22547	4	N53/11
23000	5	33/12
23010	4	5,6,10,26,33,34/12
23020	4	10,25,32,33/12
23023	4	10/12
23030	6	25,26,32,33,34/12
23101	5	10/12
23102	7	N8,N10,N30/12
23115	3	25/12
23121	7	20,22,34/12
23122	8	6,34/12
23123	3	32/12
23124	4	N20,N22,N32,N34/12
23125	4	32/12
23126	6	N8,N34/12
23127	4	N6,N20,N34/12
23129	2	N6/12
23131	7	32/12
23141	7	9,22,32,33/12
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
24028	6	23,27/12
24050	11	9,32/12
24051	1	24/12
24052	17	N5,N20,N27/12
24053	17	N25,N27/12
24055	6	20/12
24057	6	N22*,N24,N25,N26/12
24058	3	N5,N22/12
24060	2	25/12
24080	5	25/12
24133	6	22/12
24141	4	22/12
24155	6	13,31/12
24156	3	1,20,31/12
24159	1	1,13/12
24161	12	N1/12
24170	14	2/12
24191	12	9/12
24202	7	3/12
24223	33	18/12
24230	20	31/12
24233	15	24/12
24240	5	31/12
24252	6	N21/12*
24271	15	N22/12*
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	15,21/12
24463	6	26/12
24464	21	N25/12*
24468	1	17/12
24469	1	17/12
24470	4	15,25/12
24480	1	5,12,17,20,23,29,30/12
24483	2	25/12
24490	3	6,12,17,20,23,29/12
24491	3	6,17,23,29/12
24500	1	1,6,7,9,13,17,23,33/12
24501	3	17,24,29,33/12
24502	6	1,7,9,10,13,19,33/12
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	5,17,20,30/12
24513	18	17/12
24514	1	17,20/12
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
25645	19	3/12*
25649	20	7/12
25650	36	7*,15/12
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
27044	27	31/12
27080	4	6/12
27085	66	N31/12
27120	4	10/12
27141	5	22/12
27142	5	22/12
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
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;14,23/12
28220	2	23/12
28221	18	14/12

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 52/11 THROUGH NM 34/12

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.
28260	30	52/11;9,14,17,23/12
28261	10	52/11
28263	3	52/11
28265	4	N23/12
28281	32	9/12
28282	2	9/12
28300	1	9,14,17/12
28303	1	N23/12
28304	1	N23/12
28310	2	9,17,28/12
28320	6	9,10,18,23/12
28321	36	10,23/12
28323	2	9/12
28330	2	17/12
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	21	2,14,33/12
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, 22,23,26,32/12
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
37095	3	12/12
37115	3	N34/12*
37120	3	32/12
37127	11	8/12
37129	7	N6,N8,N32/12
37140	34	22/12
37162	13	N1,N2,N8,N13,N15, N17,N19,N22,N23,N26, N33/12
37163	20	N10/12
37164	5	N5,N8,N26/12
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, 21,22,23,26,33/12
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,N20/12
37223	15	21/12*
37224	11	53/11;8,12,22/12
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	19	N2,N8,N12,N13,N15, N17,N20,N23,N33/12
37242	12	N53/11*;N2,N13,N32/12
37244	12	N2,N8,N12,N15,N17, N19,N23,N26,N27,N32, N33/12
37246	16	N29*,N32/12
37247	1	N34/12*
37248	20	N29*,N32/12
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
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		N4/12
38603	2	15,27/12
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,N13/12
43015	12	26/12
43030	24	52,53/11;4,8,12,17,22, 32/12
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
43144	4	7,8,9/12
43145	4	9/12
43148	4	8,9/12
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	26,28/12
43374	1	26/12
43378	2	5,6/12
43382	2	14,26/12
43385	1	22/12
44000	16	20/12
44015	9	53/11;12,14,21,32/12
44030	8	17,20/12
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,N28/12
44042	8	N15,N22,N28/12
44043	8	22,28/12
44044	6	11,17/12
44045	6	15,28/12
44046	11	N11/12
44047	22	4/12**
44048	12	N15,N22,N33/12
44049	10	N52/11;N15,N22/12
44050	22	N52/11
44054	1	N21,N22/12
44057	5	22/12
44062	9	N8/12*
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	4	12/12
44076	4	N20/12*
44082	11	12,17,32/12
44083	8	14,17,32/12
44084	1	21,22/12
44100	8	8,12,15,22/12
44120	8	8,12,17,32/12
44122	1	N21,N33/12
44123	1	N21,N27,N28,N33/12
44140	9	53/11;12,14,17,21/12
44160	8	20,22,23,27/12
44161	2	33/12
44165	1	8,24/12
44178	2	8,13,28/12
44180	6	18,24/12
44182	5	N27/12
44183	6	20,22,27,28/12
44184	10	N17,N21,N28/12
44185	8	N21/12
44186	2	26,27/12
44187	2	24/12
44200	9	21,23,24/12
44203	1	24/12
44204	1	23/12
44205	2	27/12
44224	1	21/12
44240	8	17,20,24/12
44260	7	20,26/12
44280	10	21*,24,26,33/12
44281	2	28/12
44282	1	24/12
44285	1	24/12
44320	4	6,9,14,18,20/12
44340	12	9,13,14,17/12
44341	7	32/12
44342	9	N17/12
44352	3	N13,N14,N17/12
44353	1	N6,N13,N27/12
44360	10	9,12,18/12
44361	7	N6,N9,N18,N22,N28/12
44362	1	N14/12
44365	1	6/12
44366	1	13/12
44367	2	32/12
44400	5	53/11;6,9,14,17/12
44401	9	N5*,N6,N13,N24, N28/12
44410	5	9,17/12
44420	7	14,23,25/12
44430	3	53/11;5,14,17/12
44443	1	N6/12
44444	8	N34/12*
44445	1	N25/12
44446	1	N5/12
44461	10	53/11;1,12,14,17,32/12
44462	5	N4,N14,N28/12
44463	10	N2,N4,N5,N12,N14, N17,N32/12
44465	3	N53/11;N2,N4,N5,N12, N14,N17,N32/12
44481	2	12,14,17/12
51007	22	8/12
51013	4	16/12
51082	7	3/12
51100	7	8,27/12
51103	10	32/12
51104	1	32/12
51120	6	8/12
51142	2	8,25/12
51143	5	N8,N25/12
51144	4	N8/12
51145	2	8/12
51150	1	8,25/12
51160	21	16/12
51163	4	6/12
51164	18	16/12
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*
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	6/12
52086	2	6,8/12
52088	3	8,11/12
52140	6	13/12
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

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 52/11 THROUGH NM 34/12

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.
53011	2	4,13,21,24,25,28,30/12
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	25,28,30/12
53161	8	24,25,30/12
53162	7	53/11;25/12
53164	10	N21*,N25/12
53166	1	24,30/12
53180	10	13,23,24,25/12
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	12,13,25,28,29,30/12
54140	8	30,31/12
54151	1	3,6,17,23,31,32/12
54161	13	N53/11;N30/12
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	3,4,6,12,23,25/12
54286	4	4/12
54287	7	3/12
54300	12	4/12
54301	4	4/12
54318	3	7/12
54320	4	16,23,32/12
54321	3	N23/12
54322	8	16,17,21/12
54324	9	7/12
54327	4	23/12
54333	3	21,34/12
54335	3	20,32/12
54340	8	3,20,23,32/12
54341	4	3/12
54344	6	3,32/12
54346	9	6/12
54350	4	23/12
54351	7	34/12
54352	3	21/12
54359	2	4,22/12
54360	12	7,32/12
54361	10	4,6,22/12
54363	3	3,7,32/12
54365	6	3,16,21/12
54369	4	7,32/12
54380	6	7,8,20,32/12
54382	9	5,8,9,20,25,27/12
54386	10	4,9,23,27/12
54387	7	25,26/12
54389	8	5,22,23,27/12
54400	8	52/11;16,21,26/12
54402	4	16/12
54403	4	7/12
54407	4	52/11;9,26,34/12
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	9,12,17,26,28/12
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	5,7,22,24,25,26,27,32/12
55041	7	6,7,16,22,30,32/12
55042	1	21,25,27/12
55043	2	2,26/12
55044	5	7,22,25,26,28/12
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;8,21/12
55048	12	52/11
55049	6	7,9/12
55064	3	14/12
55082	9	10/12
55084	7	22,26,27/12
55085	9	13,14,15,20,21,22,26, 27/12
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	15,21,22/12
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	6,13,18,21,26,27/12
55200	2	12,13,17,20,22,26,27, 32/12
55205	1	9,12,13,17,20,22,26, 27/12
56011	1	13/12
56031	1	8,11,17,26/12
56042	6	12/12
56043	6	8,12/12
56044	3	8,12,34/12
56045	1	8,34/12
56048	3	N25/12*
56060	9	53/11;8,12/12
56064	6	31/12
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*
61242	2	21/12*
61601	3	N1/12*
62000	20	4,24/12
62001	5	4,9,11,24,28,31/12
62024	13	29/12
62028	15	34/12
62032	16	8,11,12,14,15,18,19,21, 22,26,30/12
62033	3	N8,N11,N12,N14,N15, N18,N19,N21,N22,N26, N30/12
62090	7	4,24,30/12
62092	7	30/12
62093	9	N33/12*
62095	5	N29/12*
62100	7	4,24/12
62110	10	24,28/12
62140	1	25,30/12
62162	2	31/12
62170	2	20/12
62171	4	20/12
62172	3	20/12
62188	4	53/11
62191	15	32/12
62194	8	20/12
62230	3	9,31/12
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
62330	2	29/12
62340	3	29/12
62360	5	30/12
62361	2	N30/12
62366	4	30/12
62377	2	34/12
62388	3	N27/12
62389	1	N27/12
62392	8	21*,28/12
62393	7	8,18,25,27/12
62394	10	8,25,27/12
62395	3	18,27/12
62400	17	10,24,33/12
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	8/12
62417	4	N32/12*
62418	8	11/12
62420	5	19/12
62428	9	18/12
62434	11	11,15,22,25/12
62437	12	26/12
62440	8	5,10,14,26,30,33/12
62441	10	25/12
62442	6	25/12
62449	4	10/12
62452	4	22/12
62453	6	N8/12
62455	7	19/12
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, 29,30,33/12
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, 33/12
62512	3	N8,N15,N18,N24,N25, N27,N29,N30,N33/12
62520	6	5,10,14,15,18,21,29, 33/12
62521	4	N5,N10,N14,N15,N18, N21,N29,N33/12
62530	6	11,14,19,21,22,26,33/12
62531	4	N11,N14,N19,N21,N22, N26,N33/12
62540	6	3,11,12,18,22,26,30/12
62541	3	N3,N11,N12,N18,N22, N26,N30/12
62550	3	14,33/12
62560	4	21,22/12
62570	4	3,11,15,22,25/12
62590	3	11,14,15,22/12
62591	4	N11,N14,N15,N22/12
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*,26/12
63053	5	26,28,29/12
63054	3	26/12
63055	3	26/12
63060	8	22*,24,26/12
63062	8	9,14,24,34/12
63063	9	9/12
63065	6	14,30,34/12
63070	4	9,24,26/12
63080	6	53/11;24/12
63090	9	53/11;14,23/12
63091	4	53/11;24,34/12
63092	4	24/12
63100	3	21*,24,30,34/12
63101	17	N14,N23/12
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	3	53/11
63290	7	53/11;15/12
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
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

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 52/11 THROUGH NM 34/12

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.
71220	3	4/12
71241	11	N7,N19/12
71243	6	9/12
71247	19	52/11;4,5,7,8/12
71248	3	N52/11;N5,N7,N17/12
71251	13	N52/11;N5,N7/12
71252	3	N52/11*;N4,N5,N7, N19/12
71253	11	52/11;4,5,7,17,19,30/12
71254	2	N52/11;N7,N8,N19/12
71255	7	N4,N7/12
71256	2	N52/11;N5,N17/12
71261	9	6,22/12
71262	7	22/12
71265	4	52/11;5,7,9,17,19/12
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*
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	10/12
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
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	4,5,9,11,18,22,26,31/12
91010	6	4,5,9,11,22,26,31/12
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	16/12*
91160	4	5*,9,10/12
91175	3	14/12
91240	5	8/12
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	2	10/12
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	11/12
92302	2	22/12
92310	4	12/12
92320	4	53/11;5,7/12
92330	3	22/12
92370	2	14/12
92380	3	53/11;7,10/12
92383	8	N8/12*
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
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
93180	8	N5/12
93220	7	4/12*
93240	12	13/12*
93244	8	3,26/12
93245	7	N29/12*
93247	5	5/12
93260	9	6*,8/12
93440	4	15/12
93446	7	15/12
93520	13	31/12
93610	3	5/12
93620	4	15/12
93626	9	15/12
93650	2	30/12
93680	3	5/12
93720	11	12,23,27,30/12
93721	6	N53/11;N10,N12,N17, N20,N22,N27,N28, N32/12
93725	6	14/12
93726	5	3/12
93730	4	12,20,23,30,34/12
93733	14	N12,N20,N22,N23,N27, N32,N34/12
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, 26/12
94016	3	21,30/12
94040	14	5,14,22,23,31/12
94042	9	14,23,30/12
94060	12	5,18,23,31/12
94061	6	13,22/12
94063	5	5/12
94067	11	23,31/12
94080	8	9,22,26/12
94083	12	13/12
94084	1	13/12
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	7/12
94180	10	3,18/12
94188	2	18/12
94203	10	4,8,22/12
94206	3	8,22/12
94207	5	N22/12
94260	6	22/12
94280	6	N22/12
94281	7	N16,N31/12
94360	6	30/12
94361	14	N33/12*
94363	4	3,8/12
94364	1	N8/12*
94420	4	21/12*
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	20,22/12
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
95141	9	N1*,N19/12
95142	10	N26/12*
95143	12	N17,N20/12
95144	10	13,20/12
95146	16	13,20/12
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
95174	2	N27/12*
95177	2	N2/12
95180	13	N1/12
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	7	1,17,20,26,28/12
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	20/12
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
97046	2	N12*,N21/12
97082	6	N9/12**
97083	4	N9/12**
97084	1	N9/12*
97085	1	N9/12*
97090	1	N21/12*
97093	1	N26/12*
97108	4	53/11
97135	1	N33/12
97154	2	52/11**
97157	2	53/11
97171	1	N52/11*
97181	20	22/12
97182	14	N21/12**
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,N30/12
801217	1	N6/12
801953	1	N20/12
802202	8	N25/12

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 52/11 THROUGH NM 34/12

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.
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*
803479	1	N5/12*
803485	1	N3/12*
803496	1	N20,N22/12
803658	1	N5*,N13,N19,N27, N29/12
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

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

NGA Ref. No. (National Stk. No.)	Title	Scale = 1:	Edition No.	Edition Date	Price Category	NTM
	REGION 1					
12XHA12216 (7642014010363)	Cape Henlopen to Indian River Inlet	40,000	29	6/12	NOS	34/12
	Inset: Breakwater Harbor	10,000				
	REGION 2					
21AHA21525 (7642014011733)	Corinto and Approaches 12 17 06N 87 29 00W 12 39 00N 86 58 00W	75,000	21	12/11	A	34/12
	Plan: Corinto Harbor 12 27 06N 87 14 00W 12 30 45N 87 08 50W	12,500				
	REGION 3					
37ACO37115 (7642014014908)	Dover to Cap d'Antifer 49 37 00N 0 12 00W 51 10 24N 1 36 00E	155,000	3	6/12	DS	34/12
37BHA37247 (7642016001199)	Baalhoek to Antwerp and Gent-Terneuzen Canal		1	5/12	DS	34/12
	Panels 1: Baalhoek to Antwerp 51 12 30N 4 05 42E 51 12 30N 4 26 29E 51 17 27N 4 26 29E 51 17 27N 4 20 42E 51 25 36N 4 20 42E 51 25 36N 4 05 42E	30,000				
	2: Gent-Terneuzen Canal 51 03 08N 3 43 07E 51 03 08N 3 51 13E 51 20 38N 3 51 13E 51 20 38N 3 46 14E 51 10 08N 3 46 14E 51 10 08N 3 43 07E	40,000				
	Plans A: Terneuzen 51 17 51N 3 48 30E 51 21 03N 3 50 40E	25,000				
	B: Gent 51 04 21N 3 43 18E 51 07 09N 3 45 44E	25,000				
	REGION 4					
44BHA44444 (7642014012636)	Approach to Ventspils	25,000	8	5/12	DS	34/12
	REGION 5					
52XHA52045 (7642014013017)	Gibraltar Harbor 36 07 15N 5 22 30W 36 09 10N 5 20 55W	3,600	7	5/12	DS	34/12
53AHA53082 (7642014013042)	Rade de Toulon 43 03 35N 5 52 32E 43 07 39N 6 00 38E	10,000	15	6/12	DS	34/12
53AHA53201 (7642014013053)	Rada Di Augusta 37 08 59N 15 10 49E 37 14 46N 15 15 57E	10,000	7	5/12	DS	34/12
	REGION 6					
61ACO61060 (7642014013259)	East London to Cape St. Francis	250,000	7	6/12	DS	34/12

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 9					
91AHA91004 (7642014013934)	Scarborough Reef	100,000	3	7/12	A	34/12
91XCO91323 (7642014013051)	Western Entrance to Coron Bay 11 52 00N 119 40 00E 11 52 00N 120 07 00E 12 12 00N 120 07 00E 12 12 00N 119 53 58E 12 24 00N 119 53 58E 12 24 00N 119 52 28E 12 12 00N 119 52 28E 12 12 00N 119 40 00E	50,000	2	5/12	DS	34/12
92AHA92230 (7642014013971)	Jolo Island to Pilas Island	100,000	4	5/12	DS	34/12
	MISCELLANEOUS CHARTS AND PUBLICATIONS					
DNCDXVDU (7644014946812)	Digital Nautical Chart (DNC)-VPF Database Update (VDU)		134	6/12	DS	34/12
DNCDX020 (7644014615837)	United Kingdom		13	6/12	DS	34/12
LLPUB111 (7642014007532)	The West Coasts of North and South America (Excluding Continental U.S.A. and Hawaii), Australia, Tasmania, New Zealand, and the Islands of the North and South Pacific Oceans			2012		34/12
LPCXX803438 (7642015724107)	LPCXX803438	50,000	1	2012	DS	34/12
NAUTALMANAC13 (7642016025646)	Nautical Almanac 2013				GPO	34/12
NOSPBCATALOGK (7642015086752)	Alaska Including Aleutian Islands, 2012				Free	34/12

Price Categories effective 1 October 2011

A	21.75	E	11.25	G	6.75
D	13.50	F	11.25	H	11.25

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

To locate the nearest FAA Sales Agents in your area, go to: **http://aeronav.faa.gov/agents.asp**

Note: New editions cancel former editions. They include corrections published in the Notice to Mariners prior to the effective date of the new editions and/or important corrections from other sources. Mariners are warned against the use of obsolete charts and publications as new editions contain information essential to safe navigation; however, such new editions are not valid until their availability is announced in the weekly Notice to Mariners.

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

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

NGA LIST OF LIGHTS CORRECTIONS

PUB 111 Ed 2012 NEW EDITION
(NGA) 34/12

NOS CHART CATALOG CORRECTIONS

CATALOG K Ed 2012 NEW EDITION
(NOS) 34/12

NAUTICAL ALMANAC Ed 2013 NEW EDITION
(NGA) 34/12

COAST PILOT CORRECTIONS

COAST PILOT 4 43 Ed 2011 Change No. 12
LAST NM 33/12

Chapter 2—Paragraph 3141; insert after:

§334.605 Meloy Channel, U.S. Coast Guard Base Miami Beach, FL; restricted area.

(a) The area. The restricted area shall encompass all navigable waters of the United States as defined at 33 CFR part 329, within the area bounded by a line connecting the following coordinates: Commencing from the shoreline at

25°46'20.07"N, 80°08'50.94"W; thence to
25°46'22.69"N, 80°08'44.01"W; thence to
25°46'22.02"N, 80°08'42.14"W; thence to
25°46'12.23"N, 80°08'35.33"W; thence to
25°46'09.13"N, 80°08'40.74"W; thence to
25°46'11.63"N, 80°08'43.36"W; thence to
25°46'17.22"N, 80°08'47.17"W; thence to
25°46'17.15"N, 80°08'47.62"W; thence to
25°46'17.63"N, 80°08'49.33"W; thence to
25°46'18.91"N, 80°08'50.24"W; thence proceed directly to a point on the shoreline at
25°46'18.76"N, 80°08'50.71"W thence following the mean high water line to the point of beginning.

(b) The regulations. (1) The restricted area described in paragraph (a) of this section is only open to U.S. Government vessels. U.S. Government vessels include, but are not limited to, U.S. Coast Guard and Coast Guard Auxiliary vessels, Department of Defense vessels, state and local law enforcement and emergency services vessels, and vessels under contract with the U.S. Government. Warning signs notifying individuals of the restricted area boundary and prohibiting all unauthorized entry into the area will be posted along the property boundary and, as appropriate, on the piers of the MacArthur Causeway Bridge adjacent to the restricted area.

(2) All persons, vessels, and other craft are prohibited from entering, transiting, drifting, dredging, or anchoring within the restricted area described in paragraph (a) of this section without prior approval from the Base Commander, U.S. Coast Guard Base Miami Beach or his/her designated representative.

(3) Fishing, trawling, net-fishing, and other aquatic activities are prohibited in the restricted area without prior approval from the Base Commander, U.S. Coast Guard Base Miami Beach or his/her designated representative.

(4) The restrictions described in paragraph (b) of this section are in effect 24 hours a day, 7 days a week.

(c) Enforcement. The regulations in this section shall be enforced by the Base Commander, U.S. Coast Guard Base Miami Beach and/or such persons or agencies as he/she may designate.

(FR 7/20/12) 34/12

Chapter 7—Paragraph 88; read:

Whale Branch, which connects Broad River with Coosaw River to the eastward, had a reported midchannel controlling depth of 4.1 feet to U.S. Route 21 highway bridge in 2001; thence in 2003, 5.4 feet was reported to Coosaw River. Overhead power cables crossing the branch have a minimum clearance of 40 feet; the cable with this least clearance crosses the branch immediately eastward of U.S. Route 21 highway bridge about 5.5 miles above the mouth. The railroad swing bridge over the branch, 4 miles from Broad River, was being removed in 2012; caution advised. The U.S. Route 21 highway bridge, 1.5 miles above the railroad bridge, has a fixed span with a clearance of 20 feet.

(L 917-2012; LNM 11/12 CG7) 34/12

Chapter 10—Paragraph 314; read:

Miami Beach occupies the barrier beach that separates the ocean from the upper part of Biscayne Bay and is also an important yachting center. A number of causeways, with bridges over the channels, form good highway connections with Miami and the mainland communities. The city is principally residential, except for some shops and amusement places. The numerous large hotels take up most of the beach and along Biscayne Bay. Marinas, yacht basins, and numerous small private landings are on the west side of the city along the canals and other waterways off Biscayne Bay. A fishing pier extends out into the sea about 0.3 mile north of the jetties. **Miami Beach Coast Guard Base** and a commercial terminal are northward of the main ship channel near the east end of the MacArthur Causeway. A restricted area is around the Coast Guard Base. (See **33 CFR 334.605,** chapter 2, for limits and regulations.) Miami Beach City Yacht Harbor is on Meloy Channel at the southwestern end of Miami Beach.

(FR 7/20/12) 34/12

COAST PILOT 6 42 Ed 2012 Change No. 6
LAST NM 30/12

Chapter 2—Paragraph 1923; read:

(1923) (b) Special regulations. No vessel may fish, anchor, or moor within the RNA without obtaining the approval of the Captain of the Port (COTP) Detroit. Vessels need not request permission from COTP Detroit if only transiting through the RNA. COTP Detroit can be reached by telephone at 313–568–9560, or by writing to: Sector Detroit, 110 Mt. Elliot Ave., Detroit, MI 48207-4380.

(FR 6/21/12) 34/12

COAST PILOT 6 42 Ed 2012 Change No. 7

Chapter 6—Paragraph 195; read:

(195) **Dunkirk Light** (42°29'38"N., 79°21'15"W.), 82 feet above the water, is on Point Gratiot.

(LL 2012) 34/12

Chapter 10—Paragraph 180; read:

(180) **Tawas Light** (44°15'13"N., 83°26'58"W.), 70 feet above the water is shown from a white conical tower with attached dwelling on Tawas Point. A mariner radio activated sound signal is 0.6 mile southwest of the light is initiated by keying the microphone five times on VHF-FM channel 83A. The light has a **045°–135°** red sector which covers the sand flat on the west side of the point.

(LNM 26/12 CG9) 34/12

Chapter 10—Paragraph 216; read:

(216) **Alpena Light** (45°03'37"N., 83°25'23"W.), 44 feet above the water, is shown from a red skeleton tower with upper part enclosed on the north side of the river mouth. A mariner radio activated sound signal at the light is initiated by keying the microphone five times on VHF-FM channel 83A. Because of protective riprap, the light should not be passed close aboard even by vessels of shallow draft.

(LNM 26/12 CG9) 34/12

Chapter 10—Paragraph 362; read:

(362) **Point De Tour** (45°57.4'N., 83°54.8'W.) is on the west side of the entrance to De Tour Passage, the entrance to St. Marys River. (The passage is described in chapter 12, St. Marys River.) **De Tour Reef**, with a least depth of 12 feet, extends about 0.7 mile southeast from the point. **De Tour Reef Light** (45°56'57"N., 83°54'11"W.), 74 feet above the water is on the southeast end of the reef and marks the west side of the entrance to De Tour Passage. A mariner radio activated sound signal at the light is initiated by keying the microphone five times on VHF-FM channel 83A.

(LNM 26/12 CG9) 34/12

Chapter 11—Paragraph 136; read:

(136) **South Fox Island Shoals** is an extensive bank reaching 9 miles south from South Fox Island. A buoy marks the south end of the bank. The bank has general depths of 15 to 30 feet with some shoaler spots. Two 9-foot spots are 4.2 and 7 miles south of South Fox Island, and an 11-foot spot is 6.4 miles south of the island. Buoys 4.2 and 6.2 miles south of the island mark a deepwater passage through the shoals. The bottom in the vicinity of the shoals is rocky, and deep-draft vessels should exercise caution in thick weather.

(LL 2012) 34/12

COAST PILOT 6 42 Ed 2012 Change No. 8

Chapter 2—Paragraphs 869 to 874; read:

(869) (a) The Bayview (State Route 42/57) Bridge, mile 3.0 at Sturgeon Bay, shall open on signal, except from December 1 through March 14, the draw shall open on signal if notice is given at least 12 hours in advance of intended passage.

(869.01)(b) The draw of the Maple-Oregon Bridge, mile 4.17 at Sturgeon Bay, shall open on signal, except as follows:

(870) (1) From March 15 through December 31, need open on signal for recreational vessels only on the quarter hour and three-quarter hour, 24 hours a day, if needed. However, if more than 10 vessels have accumulated at the bridge, or vessels are seeking shelter from severe weather, the bridge shall open on signal. This drawbridge, along with the Michigan Street drawbridge, shall open simultaneously for larger commercial vessels, as needed.

(871) (2) From January 1 through March 14, the draw shall open on signal if notice is given at least 12 hours in advance of intended passage.

(872) (c) The draw of the Michigan Street Bridge, mile 4.3 at Sturgeon Bay, shall open on signal, except as follows:

(873) (1) From March 15 through December 31, need open on signal for recreational vessels only on the hour and half-hour, 24 hours a day, if needed. However if more than 10 vessels have accumulated at the bridge, or vessels are seeking shelter from severe weather, the bridge shall open on signal. This drawbridge, along with the Maple-Oregon Street drawbridge, shall open simultaneously for larger commercial vessels, as needed.

(874) (2) From January 1 through March 14, the draw shall open on signal if notice is given at least 12 hours in advance of intended passage.

(FR 7/27/12) 34/12

COAST PILOT 8 34 Ed 2012 Change No. 1
LAST NM 30/12

Chapter 15—Paragraph 21; insert after:

Graves Harbor, the first main inlet N of Cape Spencer, affords protected anchorage in the SE arm.

(L 1300-2012) 34/12

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
371	*Northeast Gateway Deepwater Port Lighted Buoy A1*	42-23-38.38N 70-35-30.96W	Fl Y 2s			Yellow.	Marks floating messenger line. KEEP CLEAR. Private aid.
			*				34/12
373	*Northeast Gateway Deepwater Port Lighted Buoy B1*	42-23-56.35N 70-37-00.39W	Fl Y 2s			Yellow.	Marks floating messenger line. KEEP CLEAR. Private aid.
			*				34/12
8180	- Buoy 8	43-20-50.15N 70-28-31.26W				Red nun.	
		*					34/12
10655	*- Lighted Buoy 5*	42-26-16.77N 70-57-24.86W	Fl G 4s		4	Green.	Replaced by can from Oct. 15 to Apr. 15.
						*	* 34/12
10657	- Buoy 5A	42-26-26.12N 70-57-28.39W				Green can.	
						*	34/12
33106	- Daybeacon T14A						*Remove from list.*
							* 34/12

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
793.3	NC Artificial Fishing Reef Buoy AR305						*Remove from list.*
							* 34/12
5160	- Buoy A						*Remove from list.*
							* 34/12
5170	- Buoy C						*Remove from list.*
							* 34/12
5187	- Buoy F1						*Remove from list.*
							* 34/12
8225	- RANGE REAR LIGHT 1824 yards, 320.3° from front light.	39-16-31.90N 76-35-23.92W	F R (Night) F W (Day)	155 153		On skeleton tower.	Lighted throughout 24 hours. Visible 0.9° either side of rangeline.
	*	*					34/12
18995	St. John Creek Buoy 2	38-20-11.78N 76-26-49.11W		10		Red nun.	Private aid.
	*					*	34/12
25950	- EAST CHANNEL LIGHT 6	38-42-58.46N 76-19-40.96W	Fl R 4s	15	4	TR on pile.	
					*		34/12
27230	- Buoy 2	39-23-06.60N 76-20-32.80W				Red nun.	Maintained from Apr. 15 to Oct. 15. Private aid.
							* 34/12
27240	- Buoy 4	39-23-15.60N 76-20-41.40W				Red nun.	Maintained from Apr. 15 to Oct. 15. Private aid.
							* 34/12
27250	- Buoy 6	39-23-20.20N 76-20-47.30W				Red nun.	Maintained from Apr. 15 to Oct. 15. Private aid.
							* 34/12

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	
27255	- Buoy 7	39-23-21.40N 76-20-50.60W				Green can.	Maintained from Apr. 15 to Oct. 15. Private aid.	
							*	34/12
27265	- Buoy 9	39-23-22.70N 76-20-51.40W		10		Green can.	Maintained from Apr. 15 to Oct. 15. Private aid.	
							*	34/12
27270	- Buoy 10	39-23-30.39N 76-20-50.85W		10		Red nun.	Maintained from Apr. 15 to Oct. 15. Private aid.	
							*	34/12

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	
4800	- UPPER RANGE FRONT LIGHT	32-04-23.52N 80-57-29.18W	Q R	25		KRW on skeleton tower on piles.	Visible 1.5° each side of rangeline.	
		*		*			*	34/12
4805	- UPPER RANGE REAR LIGHT 387 yards, 318° from front light.	32-04-32.19N 80-57-38.05W	Iso R 6s	53		KRW on skeleton tower on piles.	Visible 1.5° each side of rangeline.	
	*	*					*	34/12
5670	CABBAGE ISLAND SPIT LIGHT 16	31-55-08.86N 80-56-44.32W	Fl R 4s	16	5	TR on pile.		
					*			34/12
9615	*- Approach Channel Lighted Buoy 9*	28-24-23.75N 80-34-18.44W	Q G		4	Green.		
		*						34/12
10940	- LIGHT 16	25-26-48.19N 80-10-12.77W	Fl R 6s	16	5	TR on pile.		
	*		*	*	*			34/12
11485	KEY LARGO LIGHT 25	25-17-12.05N 80-14-40.75W	Fl G 6s	16	5	SG on pile.		
	*	*	*	*	*			34/12
22245	*- Lighted Buoy 4*	27-35-37.11N 82-57-10.92W	Fl R 4s		5	Red.		
					*			34/12
23330	*- Lighted Buoy 21*	27-50-47.03N 82-26-43.45W	Fl G 4s		5	Green.		
					*			34/12
31960	- RANGE FRONT LIGHT	17-58-26.10N 66-37-18.76W	Fl G 2.5s	18		On pile.	Visible 1.5° each side of rangeline. Lighted throughout 24 hours.	
			*	*			*	34/12
31965	- RANGE REAR LIGHT 702 yards, 015° from front light.	17-58-46.27N 66-37-13.11W	Iso G 6s	50		On skeleton tower.	Visible 1.5° each side of rangeline. Lighted throughout 24 hours.	
			*	*			*	34/12
50365	- LIGHT 38	25-10-35.56N 80-23-34.79W	Fl R 4s	16	5	TR-TY on pile.		
					*			34/12
51905	- Daybeacon 4	27-11-55.17N 80-47-41.03W				TR on pile.		
		*						34/12

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	
51930	- LIGHT 1	27-08-19.14N 80-50-46.21W	Fl G 4s	16	5	SG on pile.		
					*			34/12

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	
55 2520	*Carrabelle Channel Lighted Buoy 2*	29-44-32.77N 84-39-12.15W	Fl R 4s		4	Red.		
	*							34/12
2520 55	*- Lighted Buoy 2*	29-44-32.77N 84-39-12.15W	Fl R 4s		4	Red.		
	*							34/12
4730	*Massachusetts Wreck Lighted Buoy WR2*	30-17-43.40N 87-18-44.22W	Q R		3	Red.		
	*							34/12
5940	- Daybeacon 1						*Remove from list.*	
							*	34/12
11110	- LIGHT 1	30-02-47.00N 90-00-53.00W	Fl G 2.5s			SG on pile.	Private aid.	
	*		*					34/12
11115	- LIGHT 2	30-02-44.00N 90-00-56.00W	Fl R 2.5s			TR on pile.	Private aid.	
	*		*					34/12
11120	- LIGHT 3	30-02-43.00N 90-00-49.00W	Fl G 2.5s			SG on pile.	Private aid.	
	*		*					34/12
11125	- LIGHT 4	30-02-39.00N 90-00-50.00W	Fl R 2.5s			TR on pile.	Private aid.	
	*		*					34/12
11130	- LIGHT 5	30-02-39.00N 90-00-44.00W	Fl G 2.5s			SG on pile.	Private aid.	
	*		*					34/12
11135	- LIGHT 6	30-02-36.00N 90-00-47.00W	Fl R 2.5s			TR on pile.	Private aid.	
	*		*					34/12
11140	- LIGHT 7	30-02-35.00N 90-00-39.00W	Fl G 2.5s			SG on pile.	Private aid.	
	*		*					34/12
11145	- LIGHT 8	30-02-33.00N 90-00-43.00W	Fl R 2.5s			TR on pile.	Private aid.	
	*		*					34/12
11150	- LIGHT 9	30-02-28.00N 90-00-35.00W	Fl G 2.5s			SG on pile.	Private aid.	
	*		*					34/12
11155	- LIGHT 10	30-02-32.00N 90-00-44.00W	Fl R 2.5s			TR on pile.	Private aid.	
	*		*					34/12
11160	- LIGHT 11	30-02-23.00N 90-00-43.00W	Fl G 2.5s			SG on pile.	Private aid.	
	*		*					34/12
11165	- LIGHT 13	30-02-30.00N 90-00-46.00W	Fl G 2.5s			SG on pile.	Private aid.	
	*		*					34/12

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
14100	GUY MALLORY LIGHT 114 LDB mile 112.9.	29-58-20.08N 90-14-43.99W	Iso R 6s		4	TR on skeleton tower on piles.	
					*		34/12
14205	DAVIS CREVASSE LIGHT 121 RDB mile 118.7.	29-55-51.45N 90-19-46.31W	Iso G 6s		4	SG on skeleton tower on concrete block.	Higher intensity beam down river.
					*		34/12
14260	FASHION LIGHT 123 RDB mile 123.0.	29-57-03.19N 90-23-48.16W	Iso G 6s		4	SG on skeleton tower on piles.	Higher intensity beam up river.
					*		34/12
14370	GYPSY LIGHT 132 LDB mile 132.0.	30-01-57.94N 90-28-09.14W	Iso R 6s		4	TR on skeleton tower on piles.	
					*		34/12
14410	LUCY LIGHT 135 RDB mile 134.9.	30-02-55.43N 90-30-20.13W	Iso G 6s		4	SG on skeleton tower.	
					*		34/12
14520	BELLE POINT LIGHT 142 LDB mile 142.4.	30-02-10.97N 90-37-19.64W	Iso R 6s		4	TR on skeleton tower on piles.	
					*		34/12
14530	ANGELINA LIGHT 146 LDB mile 144.3.	30-03-07.41N 90-38-32.45W	Iso R 6s		4	TR on skeleton tower on piles.	
					*		34/12
14635	HESTER LIGHT 152 LDB mile 151.7.	30-01-05.52N 90-45-24.65W	Iso R 6s		4	TR on skeleton tower on piles.	
					*		34/12
14775	BRILLIANT POINT LIGHT 163 RDB mile 163.5.	30-03-37.22N 90-52-22.43W	Iso G 6s		4	SG on skeleton tower.	
	*				*		34/12
15060	EUREKA LIGHT 195 RDB Mile 194.8.	30-11-23.54N 91-09-58.54W	Iso G 6s		4	SG on pile.	
					*		34/12
15110	ST. GABRIEL LIGHT 202 LDB mile 200.7.	30-15-25.25N 91-06-22.56W	Q R		4	TR on skeleton tower on piles.	
					*		34/12
15120	BAYOU PAUL LIGHT 204 LDB mile 202.1.	30-16-29.29N 91-07-34.03W	Iso R 6s		4	TR on skeleton tower on piles.	
					*		34/12
15180	PLAQUEMINE LIGHT 209 RDB mile 209.0.	30-17-42.27N 91-14-01.11W	Iso G 6s		4	SG on skeleton tower on pile.	Higher intensity beam up and down river.
					*		34/12
15195	PLAQUEMINE BEND LIGHT 213 RDB mile 210.4.	30-19-04.14N 91-13-06.30W	Iso G 6s		4	SG on pile.	
					*		34/12
15220	WADLINGTON LIGHT 214 LDB Mile 214.0.	30-18-37.65N 91-09-23.81W	Iso R 6s		4	TR on skeleton tower.	
					*		34/12
15270	ST. DELPHINE LIGHT 223 RDB mile 222.3.	30-20-53.57N 91-14-47.19W	Iso G 6s		4	SG on skeleton tower on concrete block.	
					*		34/12
15490	- LIGHT 13	29-08-41.31N 89-25-05.30W	Fl G 4s	17	3	SG on pile.	
					*		34/12

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	
15505	- LIGHT 17	29-09-05.11N 89-24-24.85W	Fl G 6s	17	3	SG on pile.	Ra ref.	
					*			34/12
15510	- LIGHT 18						*Remove from list.*	
							*	34/12
15515	- LIGHT 19						*Remove from list.*	
							*	34/12
15535	- LIGHT 23	29-09-14.70N 89-23-43.29W	Fl G 4s	17	3	SG on pile.	Ra ref.	
					*			34/12
15590	- LIGHT 34	29-10-26.41N 89-21-57.92W	Fl R 6s	17	3	TR on pile.	Ra ref.	
					*			34/12
15625	- LIGHT 41	29-11-28.16N 89-21-40.33W	Fl G 4s	17	3	SG on pile.		
					*			34/12
15640	- LIGHT 44	29-11-41.62N 89-21-30.12W	Fl R 6s	17	3	TR on pile.	Ra ref.	
					*			34/12
20650	- LIGHT 20A						*Remove from list.*	
							*	34/12
20655	- LIGHT 22 60 feet outside channel limit.						*Remove from list.*	
							*	34/12
24355	- North Boater Cut Daybeacon 6 50 feet outside channel limit.	29-34-45.59N 94-56-26.62W				TR on pile.	Ra ref.	
		*						34/12
24590	MORGANS POINT APPROACH INNER RANGE REAR LIGHT 3,106 yards, 341.7° from front light.	29-42-50.01N 94-59-36.31W	Iso W 6s (Night) Iso G 6s (Night)	96 99		KRW on skeleton tower.	Visible only on the rangeline.	
	*	*		*				34/12
25320	LOWER PEGGY'S LAKE INBOUND RANGE FRONT LIGHT	29-43-57.00N 95-03-08.95W	Q R (Night) QR (Day)	70 73		KRW on skeleton tower on piles.	Visible 2° each side of rangeline.	
			*	*				34/12
26105	TEXAS CITY CUT B OUTER RANGE REAR LIGHT 679 yards, 105.1° from front light.	29-21-54.78N 94-48-53.49W	Oc R 4s	67		KRW on skeleton tower on piles.	Visible 2° each side of rangeline.	
	*							34/12
26115	TEXAS CITY CUT B INNER RANGE REAR LIGHT 429 yards, 285.2° from front light.	29-22-57.95N 94-53-18.37W	Iso R 6s	56		KRW on skeleton tower on piles.	Visible 2° each side of rangeline.	
	*							34/12
29805	- LIGHT 1	26-02-48.81N 97-12-19.11W	Fl G 4s	17	3	SG on pile.		
	*		*	*	*			34/12
*41480.01	- Daybeacon 23	26-48-25.36N 97-28-14.01W				SG-SY on pile.	Ra ref.	
								34/12

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
*41500.01	- Daybeacon 27	26-47-37.65N 97-28-09.18W				SG-SY on pile.	Ra ref. 34/12
*41530.01	- Daybeacon 31	26-46-39.05N 97-27-55.58W				SG-SY on pile.	Ra ref. 34/12
*41555.01	- Daybeacon 33	26-45-44.02N 97-27-42.92W				SG-SY on pile.	Ra ref. 34/12
*41575.01	- Daybeacon 35	26-44-55.44N 97-27-32.09W				SG-SY on pile.	Ra ref. 34/12
*41600.01	- Daybeacon 39	26-44-03.63N 97-27-19.85W				SG-SY on pile.	Ra ref. 34/12
*41615.01	- Daybeacon 41	26-43-09.66N 97-27-07.27W				SG-SY on pile.	Ra ref. 34/12
*41655.01	- Daybeaacon 47	26-41-39.89N 97-26-38.82W				SG-SY on pile.	Ra ref. 34/12
*41680.01	- Daybeacon 51	26-40-51.17N 97-26-21.79W				SG-SY on pile.	Ra ref. 34/12
*41725.01	- Daybeacon 55	26-39-31.35N 97-25-53.62W				SG-SY on pile.	Ra ref. 34/12
*41740.01	- Daybeacon 57	26-38-52.07N 97-25-39.99W				SG-SY on pile.	Ra ref. 34/12
*41775.01	- Daybeacon 61	26-37-25.27N 97-25-09.07W				SG-SY on pile.	Ra ref. 34/12
*41795.01	- Daybeacon 63	26-36-44.70N 97-24-54.83W				SG-SY on pile.	Ra ref. 34/12
*41810.01	- Daybeacon 65	26-36-03.64N 97-24-40.09W				SG-SY on pile.	Ra ref. 34/12
*41830.01	- Daybeacon 69	26-35-15.14N 97-24-28.95W				SG-SY on pile.	Ra ref. 34/12
*41850.01	- Daybeacon 71	26-34-25.48N 97-24-25.81W				SG-SY on pile.	Ra ref. 34/12
*41875.01	- Daybeacon 73	26-33-51.17N 97-24-23.82W				SG-SY on pile.	Ra ref. 34/12
*41895.01	- Daybeacon 77	26-32-48.04N 97-24-20.15W				SG-SY on pile.	Ra ref. 34/12
*41915.01	- Daybeacon 81	26-32-01.84N 97-24-08.24W				SG-SY on pile.	Ra ref. 34/12
*41935.01	- Daybeacon 85	26-31-08.87N 97-23-44.54W				SG-SY on pile.	Ra ref. 34/12
*41955.01	- Daybeacon 89	26-30-20.32N 97-23-22.85W				SG-SY on pile.	Ra ref. 34/12

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	
*41980.01	- Daybeacon 93	26-29-35.96N 97-23-02.98W				SG-SY on pile.	Ra ref.	34/12
*42000.01	- Daybeacon 97	26-28-57.84N 97-22-45.75W				SG-SY on pile.	Ra ref.	34/12
*42020.01	- Daybeacon 101	26-27-58.73N 97-22-19.42W				SG-SY on pile.	Ra ref.	34/12
*42060.01	- Daybeacon 109	26-26-45.51N 97-21-45.97W				SG-SY on pile.	Ra ref.	34/12
*42075.01	- Daybeacon 113	26-26-04.34N 97-21-27.55W				SG-SY on pile.	Ra ref.	34/12
*42095.01	- Daybeacon 117	26-25-16.30N 97-21-06.16W				SG-SY on pile.	Ra ref.	34/12
*42115.01	- Daybeacon 121	26-24-29.05N 97-20-45.02W				SG-SY on pile.	Ra ref.	34/12
*42135.01	- Daybeacon 125	26-23-38.46N 97-20-22.58W				SG-SY on pile.	Ra ref.	34/12
*42155.01	- Daybeacon 129	26-23-11.84N 97-20-10.45W				SG-SY on pile.	Ra ref.	34/12

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	
2289.5	*Scripps Waverider Lighted Research Buoy 161*						*Remove from list.* *	34/12
2350	*- Lighted Buoy 2* *	33-12-35.53N 117-24-13.14W	Fl R 2.5s		3	Red nun.		34/12
2365	*- Lighted Buoy 5* *	33-12-46.98N 117-24-17.85W	Fl G 2.5s		4	Green can.		34/12
11956	- Boat Basin Daybeacon 1						*Remove from list.* *	34/12
28710	ENTRANCE AND KUALOA POINT RANGE FRONT LIGHT *	21-29-44.41N 157-49-58.20W	Q R	22		KRW on multi-pile structure.	Visible all around with higher intensity beam on rangeline.	34/12
28715	ENTRANCE RANGE REAR LIGHT 550 yards, 227° from front light. *	21-29-33.13N 157-50-11.23W	Iso R 6s	55		KRW on multi-pile structure. 55.	Visible 4° each side of rangeline.	34/12
28720	KUALOA POINT RANGE REAR LIGHT 235 yards, 349.5° from front light. *	21-29-51.29N 157-50-00.00W	Iso R 6s	38	12	KRW on multi-pile structure.	Visible 4° each side of rangeline.	34/12

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	
29950	- Range Front Daybeacon	28-13-51.50N 177-21-17.18W		25		KRW on multi-pile structure.		
	*							34/12
29955	- Range Rear Daybeacon 600 yards, 359.5° from front beacon.	28-14-09.50N 177-21-17.28W		51		KRW on pile structure.		
	*							34/12

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	
	***Delete Heading:** **Sandy Pond Entrance**							
	***Delete Note:** *Buoys maintained from Apr. 30 to Sep. 30.*							
2024	*- Lighted Buoy 1*						*Remove from list.*	
							*	34/12
2024.1	*- Lighted Buoy 2*						*Remove from list.*	
							*	34/12
2024.2	*- Lighted Buoy 3*						*Remove from list.*	
							*	34/12
2024.3	*- Lighted Buoy 4*						*Remove from list.*	
							*	34/12
2024.4	- Buoy 5						*Remove from list.*	
							*	34/12
2024.5	- Buoy 6						*Remove from list.*	
							*	34/12
2024.6	- Buoy 7						*Remove from list.*	
							*	34/12
2024.7	- Buoy 8						*Remove from list.*	
							*	34/12
2024.8	- Buoy 9						*Remove from list.*	
							*	34/12
2024.9	- Buoy 10						*Remove from list.*	
							*	34/12
*14535	CRISP POINT LIGHT	46-45-06.90N 85-15-27.18W	Fl W 6s				Maintained from May 1 to Nov. 1. Private aid.	
								34/12
18275	- WEST BREAKWATER LIGHT 1	44-47-18.98N 85-38-03.06W	Fl G 4s	24 **7**	4	SG on white pile.		
	*							34/12
18811	Great Lakes Marina Buoy 7						*Remove from list.*	
							*	34/12
18812	Great Lakes Marina Buoy 9						*Remove from list.*	
							*	34/12
18813	Great Lakes Marina Buoy 11						*Remove from list.*	
							*	34/12

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 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	
20415	**- Light**	42-35-19.70N 87-48-30.83W	Iso R 6s	50 **15**	11	Red conical tower. 50	HORN: 1 blast ev 30s (3s bl). Operates by keying the microphone five times on VHF channel 83A.	
					*		*	34/12
20762	*Water Institute Lighted Research Buoy*						*Remove from list.*	
							*	34/12

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.*

SUMMARY OF CORRECTIONS TO PUB 111, LIST OF LIGHTS, 2012 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
*1165 *G 1915*	Punta Rancagua.	29° 04.7′ S 71° 30.0′ W	**Fl.W.** period 5s fl. 1s, ec. 4s	66 **20**	8	White fiberglass tower, red band; 11.	Visible 022° -290° .	
								28/12
14360.5 *G 3626.05*	-Entrance range, front.	31° 51.2′ N 116° 37.3′ W	**Fl.W.** period 3s fl. 1s, ec. 2s	49 **15**	10	White round tower, red bands; 43.		
		*	*	*	*	*		32/12
14360.6 *G 3626.06*	- -Rear, 372 meters, 005° 47′ from front.	31° 51.4′ N 116° 37.3′ W	**Iso.W.** period 2s	75 **23**	10	White round tower, red bands; 43.		
*		*	*	*	*	*		32/12
*14373.5 *G 3626.15*	- -Extension.	31° 50.5′ N 116° 37.3′ W	**Fl.R.** period 5s fl. 0.5s, ec. 4.5s	33 **10**	10			
								32/12
14964 *G 3504*	**-Isla Creston.**	23° 10.7′ N 106° 25.6′ W	**Fl.W.** period 7s	515 **157**	**33**	White square concrete tower, dwelling; 23.	Visible 310° -140° . F.R. on radio mast at Mazatlan appears to vessels to S. to be of same height as this light.	
	-RACON		**C(– • – •)**		**20**			
		*			*			31/12
14968 *G 3504.6*	-Piedra Negra.	23° 10.0′ N 106° 25.1′ W	**Fl.(2)W.** period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	26 **8**	14	White square concrete column, concrete base; 20.		
					*			31/12
14972 *G 3506*	-Isla Chivos, E. breakwater.	23° 10.7′ N 106° 25.1′ W	**Fl.R.** period 5s fl. 0.5s, ec. 4.5s	69 **21**	13	Red concrete column; 52.		
				*	*	*		31/12
14976 *G 3507*	-W. breakwater.	23° 10.8′ N 106° 25.2′ W	**Fl.G.** period 5s fl. 0.5s, ec. 4.5s	69 **21**	13	Green concrete column; 52.		
				*	*	*		31/12
14977 *G 3507.5*	-UNAM.	23° 10.9′ N 106° 25.4′ W	**Iso. Y.** period 2s	23 **7**	5	Yellow metal column; 7.		
		*		*				31/12
14978 *G 3507.6*	-Ferry pier.	23° 11.1′ N 106° 25.1′ W	**Fl.G.** period 5s fl. 0.5s, ec. 4.5s	30 **9**	9	Green tower; 23.		
*	*		*	*	*	*		31/12
14978.5 *G 3507.6*	-Ferry pier.						*Remove from list.*	
							*	31/12

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.*

SUMMARY OF CORRECTIONS TO PUB 111, LIST OF LIGHTS, 2012 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
14979 *G 3507.4*	-Tourist mole.	23° 11.3′ N 106° 25.0′ W	**Fl.G.** period 3s fl. 0.5s, ec. 2.5s	30 **9**	9	Green round metal column; 20.		
*		*			*			31/12
*14988.5 *G 3508.6*	-Isla De Soto.	23° 12.5′ N 106° 24.3′ W	**Fl.G.** period 3s fl. 0.5s, ec. 2.5s	23 **7**	6	Green tower; 23.		
								31/12
14992 *G 3504.4*	-Harbor entrance channel Range, front.	23° 12.8′ N 106° 24.2′ W	**Fl.W.** period 3s fl. 1s, ec. 2s	62 **19**	**17**	Orange truncated pyramidal metal tower; 52.		
		*		*	*	*		31/12
14996 *G 3504.41*	- -Rear, 485 meters 024° 12′ from front.	23° 13.0′ N 106° 24.1′ W	**Iso.W.** period 2s	85 **26**	**17**	Orange truncated pyramidal metal tower; 79.		
*		*		*	*	*		31/12
14997 *G 3505*	-Harbor channel Range, front.	23° 12.6′ N 106° 24.5′ W	**Fl.W.** period 3s fl. 1s, ec. 2s	69 **21**	**17**	Orange truncated pyramidal metal tower; 66.		
		*		*	*	*		31/12
14997.5 *G 3505.1*	- -Rear, 1485 meters 018° 31′ from front.	23° 13.4′ N 106° 24.2′ W	**Iso.W.** period 2s	180 **55**	**17**	Orange truncated pyramidal metal tower; 52.		
*				*	*	*		31/12
*15000 *G 3505.5*	-Fishing wharf Range, front.	23° 12.8′ N 106° 23.8′ W	**Fl.W.** period 3s fl. 1s, ec. 2s	56 **17**	**17**	Orange truncated pyramidal metal tower; 46.		
								31/12
*15000.1 *G 3505.51*	- -Rear, 192 meters, 052° 44′ from front.	23° 12.8′ N 106° 23.7′ W	**Iso.W.** period 2s	62 **19**	**17**	Orange truncated pyramidal metal tower; 59.		
								31/12

SUMMARY OF CORRECTIONS TO PUB 111, RADIOBEACONS, 2012 EDITION

(1) No.	(2) Name	(3) Position	(4) Characteristic	(5) Range	(6) Sequence	(7) Frequency	(8) Remarks	
2120	Ceduna						*Remove from list.*	
							*	27/12

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	
28536 *D 7719*	-Ra's Kuhlab.						*Remove from list.*	
							*	34/12

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 113, LIST OF LIGHTS, 2011 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
21122 *E 5935.8*	-Breakwater, W. head.	33° 54.7′ N 35° 32.0′ E	**Fl.(3)R.** period 3s			Red metal tower.	
			*				34/12
21122.4 *E 5935.95*	- -E. head.	33° 54.7′ N 35° 32.3′ E	**Fl.G.** period 2s			Green metal tower.	
			*				34/12

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 34/12

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;2,3,4,6,7,8,10,11,14,16,18,22,23,25,27,29,31,32,33,34/12
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;3,4,6,7,8,10,16,17,21,22,25,26,34/12
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;1,2,3,4,5,6,13,21,24,26,29,30,31,34/12
Region 4	2005	11/05*;20,43/07;17,20,25,43,45/08;5,26,29,35,39,42,43,44,45,49/09;5,11,12,18,19,27,30,32,44,49/10;7,8,9,11,15,16,17,18,21,23,27,34,42,44,45,48/11;4,5,8,20,21,34/12
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;6,16,21,22,24,25,29,31,33,34/12
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;1,11,17,20,21,22,26,29,32,33,34/12
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;4,6,22/12
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;1,3,4,5,6,8,9,10,12,13,14,16,17,20,21,22,26,27,29,33,34/12
Miscellaneous Charts and Publications	2005	11*,12,13,14,15,16,18,19,20,21,22,24,25,27,28,29,31,32,33,35,36,37,38,39,41,42,43,44,46,47,48,50,52,53/05;1,3,4,5,6,7,9,10,11,13,14,15,16,17,18,19,20,22,23,24,25,26,27,28,29,30,31,32,35,36,39,40,41,42,44,45,46,49,50,51,52/06;1,3,4,6,7,10,13,17,18,19,21,22,24,26,27,29,30,31,32,33,34,35,36,37,38,39,40,43,44,45,46,47,48,49,50,51,52/07;1,2,3,4,6,7,8,9,10,11,12,13,14,16,17,18,19,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,44,45,46,47,48,52/08;1,2,3,4,6,7,8,9,10,11,12,13,17,18,19,20,22,24,25,26,27,28,29,30,31,32,34,35,36,37,38,39,40,41,42,43,45,46,47,48,49,50,51,52/09;2,3,4,5,6,7,8,9,10,11,12,13,14,15,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,35,36,37,38,39,40,41,42,43,44,45,46,47,48,50/10;3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,29,30,31,32,33,34,35,36,38,39,40,41,42,43,44,45,46,47,48,50,51,52,53/11;2,3,4,5,6,7,10,12,13,14,16,17,18,19,20,21,22,23,24,25,26,27,29,30,31,32,33,34/12
NGA LIST OF LIGHTS		
PUB 110	2012	20*,22,23,24,25,26,28,29,30,33/12
PUB 111	2012	34/12*
PUB 112	2011	48*,50,51,52,53/11;1,2,3,4,5,6,7,8,9,10,11,12,13,14,17,18,19,20,21,22,24,25,26,27,30,34/12
PUB 113	2011	44*,46,47,48,49,50,51,52,53/11;2,3,4,6,7,8,9,11,12,13,14,16,17,19,20,21,23,24,25,26,27,28,29,31,32,34/12
PUB 114	2012	26*,32,33/12
PUB 115	2011	39*,45,47,48,50,51,52,53/11;2,3,6,7,8,9,11,12,13,14,15,22,26,27,32/12
PUB 116	2012	31*,33/12
SAILING DIRECTIONS		
PUB 120	2012	19/12*
PUB 123	2011	15/11*
PUB 124	2010	25/10*
PUB 125	2012	25/12*
PUB 126	2010	42/10*
PUB 127	2010	46/10*
PUB 131	2011	26/11*
PUB 132	2011	9/11*
PUB 140	2012	5/12*
PUB 141	2010	28/10*
PUB 142	2011	46/11*
PUB 143	2011	33/11*

PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 34/12

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

Publication	Ed.	Notice to Mariners No.
PUB 145	2012	17/12*
PUB 146	2011	21/11*
PUB 147	2011	30/11*
PUB 148	2011	12/11*
PUB 153	2011	36/11*
PUB 154	2012	53/11*
PUB 155	2011	32/11*
PUB 157	2012	12/12*
PUB 158	2012	21/12*
PUB 159	2011	22/11*
PUB 160	2012	17/12*
PUB 161	2011	10/11*
PUB 162	2011	33/11*
PUB 163	2011	35/11*
PUB 164	2011	43/11*
PUB 171	2010	17/10*
PUB 172	2012	24/12*
PUB 173	2011	21/11*
PUB 174	2010	40/10*
PUB 175	2010	32/10*
PUB 180	2011	20/11*
PUB 181	2010	46/10*
PUB 182	2011	42/11*
PUB 183	2011	22/11*
PUB 191	2010	43/10*
PUB 192	2010	19/10*
PUB 193	2010	37/10*
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, 34/12
VOLUME II	2012	16*,17,18,19,20,21, 22,23,24,25,26,27, 28,29,30,31,32,33, 34/12
VOLUME III	2012	14*,15,16,17,18,19, 20,21,22,23,24,25, 26,27,28,29,30,31, 32,33,34/12
VOLUME IV	2012	16*,17,19,21,22,23, 24,25,26,27,28,29, 31,32,33,34/12
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, 32,33,34/12
VOLUME VII	2012	14*,15,16,17,18,19, 20,21,22,24,25,26, 27,28,29,30,31,32, 33,34/12
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*
COAST PILOT		
COAST PILOT 1	42	17*,28,33/12
COAST PILOT 2	41	50/11*;5,11,23,25, 26,27,31,33/12
COAST PILOT 3	45	6*,7,12,16,24,31, 33/12
COAST PILOT 4	43	44*,47/11;1,5,11,20, 24,27,28,31,33, 34/12
COAST PILOT 5	40	27*,33/12
COAST PILOT 6	42	10*,18,20,25,30, 34/12
COAST PILOT 7	44	53/11*;1,7,8,11,13, 16,18,19,20,24, 26/12
COAST PILOT 8	34	30*,34/12
COAST PILOT 9	29	36*,42/11;7,25, 28/12
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 161400Z August 2012:

2011 series	2012 series	283(24)	427(24)	442(25)
385(28)	40(28)	286(GEN)	437(GEN)	445(24)
404(GEN)	272(28)	416(24)	441(24)	451(GEN)

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 and 26/12.

NAVAREA IV WARNINGS issued from 091230Z to 161400Z August 2012.

432/12 thru 436/12. CANCELED.

437/12(GEN).
1. NAVAREA IV WARNINGS IN FORCE 110900Z AUG 12. ONLY THOSE WARNINGS ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN. 2012 SERIES: 416(24), 427(24), 432(GEN), 436(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 AND 26/12.
3. CANCEL NAVAREA IV 423/12.

(111013Z AUG 2012)

438/12 thru 440/12. CANCELED.

441/12(24).
NORTH ATLANTIC.
BRAZIL-NORTH COAST.
1. CABLE OPERATIONS 18 THRU 31 AUG BY CABLESHIP ILE DE BATZ ALONG TRACKLINE BETWEEN 03-01N 042-43W AND 12-43N 043-49W.
2. CANCEL THIS MSG 01 SEP 12.

(130722Z AUG 2012)

442/12(25).
EASTERN CARIBBEAN SEA.
LESSER ANTILLES.
GUADELOUPE.
1. DERELICT 67 METER BARGE, BLACK HULL, ADRIFT IN 16-03.59N 062-16.54W AT 131300Z AUG. REPORTS TO MRCC FORT DE FRANCE, INMARSAT-C: 422799024, TELEX: 42912008, PHONE: 59 659 670 9292, FAX: 59 659 663 2450, E-MAIL: ANTILLES@MRCCFR.EU.
2. CANCEL NAVAREA IV 440/12.
3. CANCEL THIS MSG 161700Z AUG 12.

(131658Z AUG 2012)

443/12 and 444/12. CANCELED.

445/12(24).
WESTERN NORTH ATLANTIC.
FRENCH GUIANA.
GUNNERY.
1. GUNNERY EXERCISES 191100Z TO 191700Z AUG WITHIN 15 MILES OF 06-00N 052-30W.
2. CANCEL THIS MSG 191800Z AUG 12.

(141413Z AUG 2012)

446/12 thru 450/12. CANCELED.

451/12(GEN).
NORTH AMERICAN ICE SERVICE (NAIS) ICEBERG BULLETIN
1. 160001Z AUG ICEBERG LIMIT: 48-05N 053-35W, 49-45N 048-45W, 51-00N 048-45W, 60-00N 059-00W.
2. WESTERN ICEBERG LIMIT: 50-30N 059-30W, 49-45N 058-00W.
3. SEA ICE LIMIT:

61-50N 066-15W, 61-45N 066-15W, 61-30N 065-35W,
61-15N 064-45W, 62-00N 064-00W, 63-00N 062-30W,
63-15N 064-00W.

4. REPORT POSITION AND TIME OF ANY ICEBERGS OR STATIONARY RADAR TARGETS THAT MAY LIKELY BE ICEBERGS TO THE NEAREST CANADIAN COAST GUARD MARINE COMMUNICATIONS AND TRAFFIC SERVICE STATION OR USING INMARSAT CODE 42.
5. CANCEL THIS MSG 170001Z AUG 12.

(152200Z AUG 2012)

HYDROLANTS

Messages in force 161400Z August 2012:

2008 series	2299(54)	1116(44)	1588(57)	1772(54)	1852(27)
1354(24)	2300(54)	1160(43)	1589(57)	1794(24,57)	1853(36,37)
1463(24)	2012 series	1162(57)	1597(24)	1800(43)	1855(57)
1852(37)	101(24)	1174(56)	1598(24)	1801(37)	1856(GEN)
2010 series	117(53)	1217(35,43)	1607(37)	1802(38)	1857(52)
845(24)	160(38)	1281(24)	1622(55)	1804(43)	1859(37)
2011 series	168(51)	1322(24)	1633(43)	1812(37)	1860(24)
483(24)	208(24)	1332(24)	1646(43)	1813(27)	1861(24)
881(56)	326(36)	1348(24)	1656(37)	1814(24)	1862(23,29)
1291(37)	336(24)	1352(36)	1661(37)	1815(24)	1866(53)
1314(52)	344(35)	1365(24)	1670(57,61)	1828(36)	1867(24)
1318(35)	356(37)	1367(24)	1672(54)	1829(25)	1869(54,56)
1331(37,43)	441(24)	1378(24)	1683(52,53)	1833(56)	1870(35)
1401(24)	536(51)	1467(11,26,27)	1699(57)	1835(57)	1873(24)
1617(43)	567(37)	1491(35)	1704(56)	1838(24)	1875(GEN)
1652(35)	572(37)	1502(35)	1711(37)	1839(24)	1876(52,53)
1681(24)	641(35,43)	1527(51)	1721(53)	1840(24)	1879(43)
1879(24)	645(52)	1528(36)	1731(11,26)	1841(24)	1880(36)
1880(GEN)	751(37)	1550(53,54)	1733(35,43)	1842(24)	1881(GEN)
1966(37)	847(24)	1551(37,43)	1735(24)	1843(24)	
2296(54)	897(35)	1564(24)	1752(37)	1844(GEN)	
2297(54)	976(24)	1569(43)	1759(26)	1848(37)	
2298(54)	1027(51)	1583(GEN)	1768(43)	1850(43)	

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 and 26/12.

HYDROLANT WARNINGS issued from 091230Z to 161400Z August 2012.

1830/12 thru 1832/12. CANCELED.

1833/12(56).
EASTERN MEDITERRANEAN SEA.
EGYPT.
1. SEISMIC SURVEY IN PROGRESS UNTIL 062359Z SEP
BY M/V PACIFIC EXPLORER IN AREA BOUND BY
31-49.1N 031-42.4E, 31-48.6N 032-06.0E,
31-45.3N 032-09.2E, 31-37.5N 032-09.1E,
31-36.0N 032-07.3E, 31-37.4N 032-02.4E,
31-37.5N 031-51.6E, 31-40.1N 031-46.3E,
31-42.2N 031-44.4E, 31-47.0N 031-44.5E.
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 070059Z SEP 12.

(101328Z AUG 2012)

1834/12. CANCELED.

1835/12(57).
EASTERN SOUTH ATLANTIC.
ANGOLA.
CHART 57280
SHOAL REPORTED LESS THAN 7.2 METERS IN 10-43.5S 013-44.6E.

(101951Z AUG 2012)

1836/12 and 1837/12. CANCELED.

1838/12(24).
BRAZIL-SOUTH COAST.
1. SEISMIC SURVEY 110300Z TO 180259Z AUG BY
M/V NPS DISCOVERER TOWING 5.5 MILE
LONG CABLES IN AREA BOUND BY
25-43S 044-09W, 25-51S 044-00W,
27-00S 044-52W, 27-00S 045-14W.
SIX MILE BERTH REQUESTED.
2. CANCEL THIS MSG 180359Z AUG 12.

(110111Z AUG 2012)

1839/12(24).
BRAZIL-SOUTHEAST COAST.
1. SEISMIC SURVEY 110300Z TO 1810259Z AUG BY
M/V NPS VERITAS VIKING TOWING EIGHT
3.5 MILE LONG CABLES IN AREA BOUND BY
23-44.82S 041-22.82W, 23-39.73S 041-09.20W,
24-30.38S 040-38.38W, 24-37.58S 040-52.43W.
SIX MILE BERTH REQUESTED.
2. CANCEL THIS MSG 180359Z AUG 12.

(110123Z AUG 2012)

1840/12(24).
BRAZIL-SOUTH COAST.
1. SEISMIC SURVEY 110300Z TO 180259Z AUG BY
M/V NPS WG COOK TOWING 12 FIVE MILE
LONG CABLES IN AREA BOUND BY
25-42S 044-02W, 25-06S 043-37W,
26-03S 041-57W, 26-39S 042-22W.
SIX MILE BERTH REQUESTED.
2. CANCEL THIS MSG 180359Z AUG 12.

(110130Z AUG 2012)

1841/12(24).
BRAZIL-SOUTHEAST COAST.
1. SEISMIC SURVEY 110300Z TO 180259Z AUG BY
M/V NPS SANCO STAR AND M/V OCEAN EUROPE
TOWING 300 METER LONG CABLES IN AREA BOUND BY
22-24.00S 040-06.25W, 22-28.20S 039-58.88W,
22-31.75S 040-01.50W, 22-27.33S 040-08.63W.
SIX MILE BERTH REQUESTED.
2. CANCEL THIS MSG 180359Z AUG 12.

(110133Z AUG 2012)

1842/12(24).
BRAZIL-SOUTH COAST.
1. SEISMIC SURVEY IN PROGRESS UNTIL 16 AUG
BY M/V DISCOVERER IN AREA BOUND BY
29-24S 047-49W, 29-17S 047-56W,
29-14S 047-44W, 31-23S 048-18W,
31-26S 048-11W, 31-23S 048-18W,
31-26S 048-11W, 31-29S 048-19W,
35-00S 051-29W, 31-29S 048-19W,
35-00S 051-29W, 31-23S 048-18W,
31-26S 048-11W, 31-29S 048-19W,
35-00S 051-29W.
FIVE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 17 AUG 12.

(110615Z AUG 2012)

1843/12(24).
URUGUAY-SOUTH COAST.
HAZARDOUS OPERATIONS.
1. GUNNERY AND PYROTECHNICS EXERCISES 1800Z TO 2300Z
DAILY 15 AND 16 AUG IN AREA BETWEEN
35-30S 35-20S AND 054-50W 055-10W.
2. CANCEL HYDROLANT 1837/12(35,36), AID RESTORED.
3. CANCEL THIS MSG 162359Z AUG 12.

(110628Z AUG 2012)

1844/12(GEN).
1. HYDROLANT WARNINGS IN FORCE 110900Z AUG 12. ONLY THOSE
WARNINGS ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2012 SERIES: 1446(37), 1467(11.26.27), 1491(35), 1502(35),
1527(51), 1528(36), 1550(53,54), 1551(37,43), 1557(54,56),
1564(24), 1569(43), 1583(GEN), 1588(57), 1589(57), 1597(24),
1598(24), 1607(37), 1619(37), 1622(55), 1627(35), 1633(43),
1646(43), 1653(24), 1656(37), 1661(37), 1670(57,61),
1672(54), 1683(52,53), 1699(57), 1703(54), 1704(56),
1711(37), 1721(53), 1731(11,26), 1733(35,43), 1735(24),
1752(37), 1759(26), 1768(43), 1772(54), 1794(24,57),
1800(43), 1801(37), 1802(38), 1804(43), 1812(37), 1813(27),
1814(24), 1815(24), 1821(55), 1822(43), 1823(54,56),
1824(37,51), 1825(36), 1826(GEN), 1828(36), 1829(25),
1831(24), 1832(52), 1833(56), 1835(57), 1838(24), 1839(24),
1840(24), 1841(124), 1842(24), 1843(24).
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 AND 26/12.
3. CANCEL HYDROLANT 404/12, 1342/12, 1355/12,
1414/12, 1615/12, 1674/12, 1740/12,
1743/12, 1769/12, 1786/12.

(111015Z AUG 2012)

1845/12 thru 1847/12. CANCELED.

1848/12(37).
SOUTHERN NORTH SEA.
CHART 37166
1. ALL NAVIGATIONAL AIDS AT PLATFORM 49/17-DD
53-26.4N 002-23.6E INOPERATIVE.
2. CANCEL HYDROLANT 1446/12.

(120924Z AUG 2012)

1849/12. CANCELED.

1850/12(43).
NORTH SEA.
1. SEISMIC SURVEY IN PROGRESS UNTIL FURTHER
NOTICE BY M/V RAMFORM VIKING TOWING 12
7500 METER LONG CABLES IN AREA BETWEEN
59-14N 59-44N AND 000-44E 002-14E.
WIDE BERTH REQUESTED.
2. CANCEL HYDROLANT 1822/12.

(121916Z AUG 2012)

1851/12. CANCELED.

1852/12(27).
CARIBBEAN SEA.
CAYMAN ISLANDS.
DISTRESS SIGNAL RECEIVED ON 406 MHZ IN
18-48.3N 080-43.0W. VESSELS IN VICINITY
REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST
IF POSSIBLE. REPORTS TO U.S. COAST GUARD
RCC MIAMI, PHONE: 305 415 6800,
E-MAIL: RCCMIAMI@USCG.MIL.

(130332Z AUG 2012)

1853/12(36,37).
WESTERN ENGLISH CHANNEL.
CHART 36050
1. SUBMERGED OBSTRUCTION VICINITY 49-40.8N 003-43.8W.
WIDE BERTH REQUESTED.
2. CANCEL HYDROLANT 1619/12.

(130804Z AUG 2012)

1854/12. CANCELED.

1855/12(57).
EASTERN SOUTH ATLANTIC.
ANGOLA.
1. SURVEY OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE
BY M/V RAMFORM VALIANT TOWING TEN CABLES
IN AREA BETWEEN
11-43.6S 12-54.2S AND 012-28.3E 012-08.2E.
SIX MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 1195/12.

(131212Z AUG 2012)

1856/12(GEN).
EUROPE-NORTHWEST COAST.
1. LORAN-C STATION JAN MAYEN, RATE 7001-X,
OFF AIR 170700Z TO 171600Z AUG.
2. CANCEL THIS MSG 171700Z AUG 12.

(131334Z AUG 2012)

1857/12(52).
TUNISIA-NORTHEAST COAST.
1. DERELICT F/V ADRIFT VICINITY 36-33.0N 011-24.8E
ON 13 AUG.
2. CANCEL THIS MSG 161445Z AUG 12.

(131444Z AUG 2012)

1858/12. CANCELED.

1859/12(37).
SOUTHERN NORTH SEA.
CHART 37057
ALL NAVIGATIONAL AIDS AT PLATFORM 49/16
53-23.2N 002-08.9E INOPERATIVE.

(131733Z AUG 2012)

1860/12(24).
BRAZIL-NORTHEAST COAST.
1. DERELICT 25 METER VESSEL, BLUE HULL, ADRIFT
IN 06-25S 034-02W ON 12 AUG.
2. CANCEL THIS MSG 170045Z AUG 12.

(140040Z AUG 2012)

1861/12(24).
BRAZIL-EAST COAST.
1. SEISMIC SURVEY IN PROGRESS UNTIL 17 AUG 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 18 AUG 12.

(140114Z AUG 2012)

1862/12(23,29).
SOUTH ATLANTIC.
SCOTIA SEA.
ICE.
1. ICEBERGS REPORTED ON 13 AUG:
A. C19C, 52-45S 036-59W.
B. B15F, 58-01S 040-03W.
2. CANCEL THIS MSG 170453Z AUG 12.

(140454Z AUG 2012)

1863/12 thru 1865/12. CANCELED.

1866/12(53).
LIGURIAN SEA.
ITALY TO SARDINIA.
MAN OVERBOARD GENOA (44-24N 008-56E) TO
PORTO TORRES (40-50N 008-24E). VESSELS IN VICINITY
REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO MRCC ROME, INMARSAT-C: 424744220,
PHONE: 3906 5908 4527, 3906 5908 4409,
FAX: 390 6592 2737, 3906 5908 4793,
E-MAIL: CGCP3REP4@MIT.GOV.IT, ITMRCC@MIT.GOV.IT.

(141347Z AUG 2012)

1867/12(24).
WESTERN NORTH ATLANTIC.
FRENCH GUIANA.
GUNNERY.
1. GUNNERY EXERCISES 191100Z TO 191700Z AUG
WITHIN 15 MILES OF 06-00N 052-30W.
2. CANCEL THIS MSG 191800Z AUG 12.

(141412Z AUG 2012)

1868/12. CANCELED.

1869/12(54,56).
EASTERN MEDITERRANEAN SEA.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 151330Z TO 151630Z,
180730Z TO 181030Z, 190130Z TO 190430Z
AND 201100Z TO 201400Z AUG
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 201500Z AUG 12.

(141516Z AUG 2012)

1870/12(35).
SCOTLAND-NORTH COAST.
CHART 35210
1. DGPS STATION AT BUTT OF LEWIS LIGHT
58-30.9N 006-15.7W OFF AIR 151300Z TO
151700Z AND 160800Z TO 161600Z AUG.
2. CANCEL THIS MSG 161700Z AUG 12.

(142227Z AUG 2012)

1871/12 and 1872/12. CANCELED.

1873/12(24).
BRAZIL-NORTH COAST.
1. SEISMIC SURVEY BY M/V HAWK EXPLORER TOWING
5.4 MILE LONG CABLES:
A. IN PROGRESS ALONG TRACKLINE BETWEEN
05-48.78N 048-09.85W AND 04-44.22N 046-56.68W.
B. 16 AUG ALONG TRACKLINE BETWEEN
05-45.70N 047-58.13W AND 04-48.27N 046-53.10W.
C. 17 AUG ALONG TRACKLINE BETWEEN
05-45.70N 047-46.13W AND 04-48.27N 046-53.10W.
D. 18 AUG ALONG TRACKLINE BETWEEN
05-42.62N 047-46.43W AND 04-52.35N 046-49.53W.
E. 19 AUG ALONG TRACKLINE BETWEEN
05-42.62N 047-46.43W AND 04-52.35N 046-49.53W.
SEVEN MILE BERTH REQUESTED.
2. CANCEL THIS MSG 20 AUG 12.

(150746Z AUG 2012)

1874/12. CANCELED.

1875/12(GEN).
NORTH ATLANTIC.
HAITI TO FRANCE.
11 METER S/V QOVOP A COEUR D EAU, RED HULL
WITH YELLOW STRIPE, FOUR PERSONS ON BOARD,
OVERDUE HAITI TO FRANCE VIA AZORES. LAST KNOWN
POSITION 36-07.40N 044-20.43W ON 08 AUG.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP
LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO
MRCC GRIZ NEZ, TELEX: 42130680,
PHONE: 333 2187 2187, FAX: 333 2187 7855.

(150815Z AUG 2012)

1876/12(52,53).
STRAIT OF SICILY.
TUNISIA TO ITALY.
12 METER F/V JAMEL EDIN, 12 PERSONS ON BOARD, UNREPORTED
RAS KABOUDIA (35-14.2N 011-06.9E) TO ITALY. VESSELS IN
VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST
IF POSSIBLE. REPORTS TO MRCC ROME, INMARSAT-C: 424744220,
PHONE: 3906 5908 4527, 3906 5908 4409,
FAX: 390 6592 2737, 3906 5908 4793,
E-MAIL: ITMRCC@MIT.GOV.IT, UFFICIO3.REPARTO3@MIT.GOV.IT.

(151623Z AUG 2012)

1877/12 and 1878/12. CANCELED.

1879/12(43).
NORTH SEA.
SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE
BY M/V SRV VANTAGE TOWING EIGHT 2.5 MILE LONG
CABLES IN AREA BOUND BY
57-31.8N 001-28.1E, 57-20.2N 001-08.2E,
56-53.4N 002-03.1E, 57-02.6N 002-24.2E,
57-36.0N 001-34.8E.
WIDE BERTH REQUESTED.

(152335Z AUG 2012)

1880/12(36).
CELTIC SEA.
1. DERELICT 6.5 METER VESSEL ADRIFT IN
50-58.9N 006-24.9W AT 152312Z AUG.
2. CANCEL THIS MSG 190045Z AUG 12.

(160042Z AUG 2012)

1881/12(GEN).
EASTERN NORTH ATLANTIC.
AZORES TO FRANCE.
12 METER S/V BASTET, BLUE HULL, FOUR PERSONS
ON BOARD, OVERDUE HORTA (38-34-47N 028-42-59W)
TO BREST (48-23-27N 004-29-08W). LAST KNOWN
POSITION 48-48-10N 008-11-50W. VESSELS IN
VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO MRCC CORSEN.

(160942Z AUG 2012)

1882/12. CANCELED.

NAVAREA XII

Messages in force 161400Z August 2012:

2011 series	110(97)	200(17)	218(19)	222(22,83)
198(21)	181(21)	205(GEN)	219(19)	
2012 series	198(18)	216(GEN)	221(21)	

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 and 26/12.

NAVAREA XII WARNINGS issued from 091230Z to 161400Z August 2012.

213/12 thru 215/12. CANCELED.

216/12(GEN).
1. NAVAREA XII WARNINGS IN FORCE 110900Z AUG 12. ONLY THOSE WARNINGS ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN. 2012 SERIES: 181(21), 198(18), 200(17), 205(GEN), 212(21), 213(GEN).
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 AND 26/12.
3. CANCEL NAVAREA XII 182/12, 203/12.

(111018Z AUG 2012)

217/12. CANCELED.

218/12(19).
EASTERN NORTH PACIFIC.
1. DERELICT 50 FOOT VESSEL, BLUE AND WHITE HULL, ADRIFT VICINITY 41-00N 145-03W.
2. CANCEL THIS MSG 170925Z AUG 12.

(140926Z AUG 2012)

219/12(19).
EASTERN NORTH PACIFIC.
1. FLOATING CONCRETE DOCK ADRIFT VICINITY 39-16.158N 148-04.626W.
2. CANCEL THIS MSG 170934Z AUG 12.

(140935Z AUG 2012)

220/12. CANCELED.

221/12(21).
EASTERN NORTH PACIFIC.
1. DERELICT 30 FOOT VESSEL, ORANGE HULL, CAPSIZED AND ADRIFT IN 10-14N 092-23W. REPORTS TO U.S. COAST GUARD ALAMEDA, TELEX: 230172343, PHONE: 510 437 3701, E-MAIL: RCCALAMEDA@USCG.MIL.
2. CANCEL THIS MSG 182200Z AUG 12.

(152156Z AUG 2012)

222/12(22,83).
EASTERN PACIFIC.
ROCKETS.
1. HAZARDOUS OPERATIONS 190618Z TO 190823Z AUG IN AREAS BETWEEN:
A. 00-15N 00-15S AND 153-15W 154-20W.
B. 00-12N 00-12S AND 146-10W 148-10W.
C. 00-18N 00-18S AND 143-40W 146-20W.
D. 00-25N 00-25S AND 107-50W 113-40W.
2. CANCEL NAVAREA XII 217/12.
3. CANCEL THIS MSG 190923Z AUG 12.

(160629Z AUG 2012)

HYDROPACS

Messages in force 161400Z August 2012:

2010 series	1222(97)	1975(GEN)	2162(93)	2249(95)	2308(61)
1594(63)	1357(91)	2002(91)	2167(71)	2250(95)	2310(71)
2653(62)	1377(94,95)	2017(71)	2168(63)	2251(95)	2311(22)
2011 series	1456(62)	2020(61)	2172(96,97)	2253(93)	2312(63)
1561(56)	1518(93)	2029(71)	2174(63)	2265(93)	2315(76)
1701(63)	1554(96)	2039(62)	2175(63)	2267(61)	2316(63)
2286(71)	1555(96)	2053(93)	2176(93)	2270(76,83)	2317(96)
2555(62)	1578(93)	2084(93)	2184(74)	2276(22)	2318(95)
2812(71)	1593(96)	2095(73,74)	2198(GEN)	2277(GEN)	2319(95)
2877(96)	1611(63)	2103(57,61)	2207(63)	2280(22)	2320(95)
3480(96)	1626(96)	2118(63)	2219(62)	2281(61)	2321(97)
3539(95)	1734(GEN)	2120(94)	2220(61)	2285(93)	2324(22)
3552(96)	1780(91,94)	2130(63)	2222(71)	2295(22)	2326(83)
2012 series	1818(96)	2133(94)	2223(93)	2296(61)	2327(22,83)
7(62)	1824(76)	2135(97)	2224(22)	2300(23,29)	2328(75)
166(62)	1847(63)	2139(63)	2231(GEN)	2302(96)	2329(74)
354(93)	1893(93)	2140(63)	2233(74)	2303(95,96)	2330(93)
408(94)	1906(76)	2144(94)	2234(71)	2304(93)	2331(75)
1042(93)	1907(63)	2145(94)	2239(61)	2305(63)	2332(61)
1079(97)	1915(22)	2146(94)	2242(76,83)	2306(63)	2333(61)
1158(61)	1972(91,94)	2147(94)	2246(94)	2307(18)	

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 and 26/12.

HYDROPAC WARNINGS issued from 091230Z to 161400Z August 2012.

2261/12 thru 2264/12. CANCELED.

2265/12(93).
SOUTH CHINA SEA.
VIETNAM.
MAN OVERBOARD FROM M/V MSC LAUREN VICINITY
10-46.1N 110-27.6E AT 091400Z AUG. VESSELS
IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO SINGAPORE PORT
OPERATION CONTROL CENTER, TELEX: 872 0021,
PHONE: 656 226 5539, FAX: 656 227 9971,
E-MAIL: POCC@MPA.GOV.SG.

(100156Z AUG 2012)

2266/12. CANCELED.

2267/12(61).
NORTHERN INDIAN OCEAN.
PIRACY.
M/V ATTACKED IN 03-22S 083-12E AT 100600Z AUG.
VESSELS ARE ADVISED TO KEEP CLEAR OF THIS
POSITION AND TO EXERCISE EXTREME CAUTION.
REPORTS TO IMB PIRACY REPORTING CENTER,
PHONE: 603 2031 0014, FAX: 603 2078 5769,
E-MAIL: PIRACY@ICC-CCS.ORG.

(100424Z AUG 2012)

2268/12 and 2269/12. CANCELED.

2270/12(76,83).
WESTERN SOUTH PACIFIC.
CHART 76030
105 BY 35 MILE FIELD OF FLOATING PUMICE REPORTED
70 MILES WEST OF RAOUL ISLAND (29-15S 177-55W).

(101009Z AUG 2012)

2271/12 thru 2275/12. CANCELED.

2276/12(22).
EASTERN SOUTH PACIFIC.
CHILE.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 140401Z TO 190359Z AUG

IN AREA BETWEEN
36-34S 36-45S AND 073-40W 073-28W.
2. CANCEL HYDROPAC 2273/12(74), SEARCH SUSPENDED.
3. CANCEL HYDROPAC 2274/12(76), FALSE ALERT.
4. CANCEL THIS MSG 190459Z AUG 12.

(110553Z AUG 2012)

2277/12(GEN).
1. HYDROPAC WARNINGS IN FORCE 110900Z AUG 12. ONLY THOSE WARNINGS ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2012 SERIES: 1893(93), 1906(76), 1907(63), 1915(22), 1972(91,94), 1975(GEN), 2002(91), 2017(71), 2020(61), 2029(71), 2039(62), 2053(93), 2084(93), 2095(73,74), 2103(57,61), 2118(63), 2120(94), 2130(63), 2133(94), 2135(97), 2139(63), 2140(63), 2144(94), 2145(94), 2146(94), 2147(94), 2157(74), 2162(93), 2167(71), 2168(63), 2172(96,97), 2174(63), 2175(63), 2176(93), 2184(74), 2189(93), 2190(81,97), 2198(GEN), 2204(96), 2207(63), 2208(63), 2219(62), 2220(61), 2222(71), 2223(93), 2224(22), 2228(93), 2231(GEN), 2233(74), 2234(71), 2239(61), 2242(76,83), 2246(94), 2249(95), 2250(95), 2251(95), 2253(93), 2255(63), 2261(81), 2264(22), 2265(93), 2267(61), 2268(22), 2270(76,83), 2271(62), 2272(91), 2276(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 AND 26/12.
3. CANCEL HYDROPAC 2089/12, 2143/12, 2217/12, 2221/12, 2225/12, 2226/12, 2245/12, 2257/12, 2275/12.

(111020Z AUG 2012)

2278/12 and 2279/12. CANCELED.

2280/12(22).
EASTERN SOUTH PACIFIC.
CHILE.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 1300Z TO 2200Z DAILY
13, 14, 16, 17, 20 AND 24 AUG
IN AREA BETWEEN
19-27S 20-12S AND 071-00W 071-26W.
2. CANCEL THIS MSG 242300Z AUG 12.

(111856Z AUG 2012)

2281/12(61).
NORTHERN MOZAMBIQUE CHANNEL.
COMOROS ISLANDS.
MAYOTTE.
DERELICT VESSEL ADRIFT IN 13-00.76S 045-14.89E.
FOUR PERSONS MISSING. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO MRCC REUNION, INMARSAT-C: 4227 99193, TELEX: 916 140F, PHONE: 26 226 243 4343, FAX: 26 226 271 1595, E-MAIL: REUNION@MRCCFR.EU.

(120350Z AUG 2012)

2282/12 thru 2284/12. CANCELED.

2285/12(93).
GULF OF TONKIN.
MAN OVERBOARD FROM F/V DNA 40748TS VICINITY 20-05N 107-39E AT 110800Z AUG. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO MRCC HAI PHONG.

(121831Z AUG 2012)

2286/12 thru 2294/12. CANCELED.

2295/12(22).
EASTERN SOUTH PACIFIC.
CHILE.
RADIO SERVICES.
VALPARAISO PLAYA ANCHA RADIO MF AND HF DSC OFF AIR.
SAN ANTONIO RADIO ASSUMES CONTROL.

(131535Z AUG 2012)

2296/12(61).
NORTHERN MOZAMBIQUE CHANNEL.
COMOROS ISLANDS.
SIX METER F/V, WHITE HULL, TWO PERSONS ON BOARD,
OVERDUE FROM GRANDE COMORE (11-35S 043-20E).
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO MRCC REUNION,
INMARSAT-C: 4227 99193, TELEX: 916 140F,
PHONE: 26 226 243 4343, FAX: 26 226 271 1595,
E-MAIL: REUNION@MRCCFR.EU.

(131645Z AUG 2012)

2297/12 thru 2299/12. CANCELED.

2300/12(23,29).
SOUTH ATLANTIC.
SCOTIA SEA.
ICE.
1. ICEBERGS REPORTED ON 13 AUG:
A. C19C, 52-45S 036-59W.
B. B15F, 58-01S 040-03W.
2. CANCEL THIS MSG 170455Z AUG 12.

(140456Z AUG 2012)

2301/12. CANCELED.

2302/12(96).
KAMCHATKA-SOUTHEAST COAST.
GUNNERY.
1. GUNNERY EXERCISES 190200Z TO 191000Z AUG
IN AREA BETWEEN
52-23.0N 52-41.0N AND 159-42.0E 160-08.4E.
2. CANCEL THIS MSG 191100Z AUG 12.

(141059Z AUG 2012)

2303/12(95,96).
SEA OF JAPAN.
GUNNERY. MISSILES.
1. HAZARDOUS OPERATIONS 2300Z TO 0900Z COMMENCING
DAILY 19 AND 20 AUG IN AREA BOUND BY
40-57.2N 133-04.7E, 41-30.3N 132-27.2E,
41-36.3N 132-03.1E, 42-00.3N 133-12.3E,
42-35.2N 133-40.7E, 42-26.9N 134-15.2E,
43-21.7N 136-04.9E, 42-13.7N 136-33.6E,
41-17.7N 136-33.6E, 40-13.0N 135-58.5E,
41-07.7N 134-17.7E.
2. CANCEL THIS MSG 211000Z AUG 12.

(141108Z AUG 2012)

2304/12(93).
SOUTH CHINA SEA.
DISTRESS SIGNAL RECEIVED IN 05-34.90N 104-34.73E
AT 140940Z AUG. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO SINGAPORE PORT OPERATION CONTROL CENTER,
TELEX: 8720021, PHONE: 656 226 5539,
FAX: 656 227 9971, E-MAIL: POCC@MPA.GOV.SG.

(141229Z AUG 2012)

2305/12(63).
ANDAMAN SEA.
DISTRESS SIGNAL RECEIVED FROM F/V, WHITE AND BLUE HULL,
IN 12-36N 094-18E AT 140550Z AUG. VESSELS IN VICINITY
REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO MRCC PORT BLAIR, INMARSAT-C: 441922666,
PHONE: 319 224 5530, FAX: 319 224 2948,
E-MAIL: PBLMRCCPB@SANCHARNET.IN,
MRCC-PTB@INDIANCOASTGUARD.NIC.IN OR COMCS@DATAONE.IN.

(141323Z AUG 2012)

2306/12(63).
INDIA-EAST COAST.
BAY OF BENGAL.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 190830Z TO 191030Z AUG
IN AREA BOUND BY
13-30N 081-18E, 14-30N 081-55E,
14-30N 082-42E, 13-30N 082-05E.
2. CANCEL THIS MSG 191130Z AUG 12.

(141623Z AUG 2012)

2307/12(18).
EASTERN NORTH PACIFIC.
DISTRESS SIGNAL RECEIVED ON 406 MHZ IN 40-29.8N 133-24.9W.
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.

(141632Z AUG 2012)

2308/12(61).
WESTERN INDIAN OCEAN.
REUNION ISLAND.
GUNNERY.
1. GUNNERY EXERCISES 160700Z TO 161200Z AUG
IN AREA BOUND BY
21-12.0S 054-57.0E, 21-26.0S 055-02.5E,
21-31.2S 054-47.4E, 21-17.2S 054-42.0E.
2. CANCEL THIS MSG 161300Z AUG 12.

(142032Z AUG 2012)

2309/12. CANCELED.

2310/12(71).
EASTERN INDIAN OCEAN.
INDONESIA.
F/V, WHITE AND GREEN HULL, 86 PERSONS ON BOARD,
IN NEED OF ASSISTANCE CHRISTMAS ISLAND
(10-29S 105-38E) TO INDONESIA.
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.

(150327Z AUG 2012)

2311/12(22).
EASTERN SOUTH PACIFIC.
CHILE.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 190359Z TO 230359Z AUG
IN AREA BETWEEN
36-34S 36-45S AND 073-40W 073-28W.
2. CANCEL THIS MSG 230459Z AUG 12.

(150331Z AUG 2012)

2312/12(63).
ANDAMAN SEA.
ANDAMAN ISLANDS.
HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 200230Z TO 201030Z AUG
IN AREA BETWEEN
11-05N 11-17N AND 092-34E 092-48E.
2. CANCEL THIS MSG 201130Z AUG 12.

(150349Z AUG 2012)

2313/12 and 2314/12. CANCELED.

2315/12(76).
NEW ZEALAND.
TASMAN BAY.
UNDERWATER OPERATIONS IN PROGRESS UNTIL FURTHER
NOTICE BY M/V SEAWATCH IN AREA BOUND BY
39-33.0S 173-12.7E, 39-31.7S 173-13.6E,
39-39.4S 173-28.4E, 39-40.6S 173-27.4E.
TWO MILE BERTH REQUESTED.

(150527Z AUG 2012)

2316/12(63).
EASTERN ARABIAN SEA.
42 METER F/V SANDALEE VALONTINA, DARK BLUE
AND WHITE HULL, SIX PERSONS ON BOARD, UNREPORTED.
LAST KNOWN POSITION 08-00N 073-25E ON 08 AUG.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP
LOOKOUT, ASSIST IF POSSIBLE. REPORTS MRCC MUMBAI,
PHONE: 91 22 2438 8065, FAX: 91 22 2431 6558,
E-MAIL: INDSAR@VSNL.NET.

(150903Z AUG 2012)

2317/12(96).
KAMCHATKA-SOUTHEAST COAST.
GUNNERY. MISSILES.

1. HAZARDOUS OPERATIONS 0001Z TO 0800Z DAILY
20 AND 21 AUG IN AREA BETWEEN
52-23.0N 52-41.0N AND 159-42.0E 160-08.4E.
2. CANCEL THIS MSG 210900Z AUG 12.

(150939Z AUG 2012)

2318/12(95).
YELLOW SEA.
GUNNERY.
1. GUNNERY EXERCISES 0001Z TO 0800Z DAILY
20 THRU 24 AUG IN AREA BETWEEN
36-05N 36-35N AND 124-50E 125-42E.
2. CANCEL THIS MSG 240900Z AUG 12.

(151226Z AUG 2012)

2319/12(95).
YELLOW SEA.
GUNNERY.
1. GUNNERY EXERCISES 0001Z TO 0800Z DAILY
20 THRU 24 AUG IN AREA BETWEEN
34-50N 35-15N AND 124-50E 125-42E.
2. CANCEL THIS MSG 240900Z AUG 12.

(151229Z AUG 2012)

2320/12(95).
YELLOW SEA.
GUNNERY.
1. GUNNERY EXERCISES 0001Z TO 0800Z DAILY
20 THRU 24 AUG IN AREA BOUND BY
36-35-00N 125-36-00E, 36-35-00N 124-50-00E,
37-04-21N 124-50-00E, 37-05-08N 125-36-00E.
2. CANCEL THIS MSG 240900Z AUG 12.

(151232Z AUG 2012)

2321/12(97).
WESTERN NORTH PACIFIC.
1. UNDERWATER OPERATIONS 20 AUG THRU 02 SEP BY M/V KAIREI
WITH SUBMERSIBLE IN AREAS BETWEEN:
A. 37-57N 41-29N AND 153-06E 159-56E.
B. 28-51N 33-36N AND 161-02E 165-45E.
2. CANCEL THIS MSG 03 SEP 12.

(151249Z AUG 2012)

2322/12 and 2323/12. CANCELED.

2324/12(22).
EASTERN SOUTH PACIFIC.
PERU.
1. DERELICT F/V SANTA LUCIA PATRONA DE LOS TRABAJADORES II
ADRIFT VICINITY 04-46-30S 082-49-41W.
2. CANCEL THIS MSG 190344Z AUG 12.

(160345Z AUG 2012)

2325/12. CANCELED.

2326/12(83).
SOUTH PACIFIC.
FRENCH POLYNESIA.
1. 21 METER F/V VINI VINI 7, FOUR PERSONS ON BOARD,
DISABLED AND ADRIFT DUE TO ENGINE DAMAGE IN
18-32S 145-22W. VESSELS IN VICINITY REQUESTED TO
KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO MRCC PAPEETE, INMARSAT-C: 422799192,
PHONE: 68 954 1616, FAX: 68 942 3915,
E-MAIL: MRCCPAPEETE@MAIL.PF.
2. CANCEL HYDROPAC 2313/12.

(160505Z AUG 2012)

2327/12(22,83).
EASTERN PACIFIC.
ROCKETS.
1. HAZARDOUS OPERATIONS 190618Z TO 190823Z AUG
IN AREAS BETWEEN:
A. 00-15N 00-15S AND 153-15W 154-20W.
B. 00-12N 00-12S AND 146-10W 148-10W.
C. 00-18N 00-18S AND 143-40W 146-20W.
D. 00-25N 00-25S AND 107-50W 113-40W.
2. CANCEL HYDROPAC 2291/12.
3. CANCEL THIS MSG 190923Z AUG 12.

(160631Z AUG 2012)

2328/12(75).
AUSTRALIA-EAST COAST.
JERVIS BAY.
CHART 75251
PERPENDICULAR POINT LIGHT 35-05.6S 150-48.2E
TEMPORARILY CHANGED TO: FL (3) W 20 SEC.

(160841Z AUG 2012)

2329/12(74).
TIMOR SEA.
1. DERELICT SIX METER VESSEL ADRIFT IN
11-35.1S 125-08.6E AT 160423Z AUG.
2. CANCEL THIS MSG 190846Z AUG 12.

(160848Z AUG 2012)

2330/12(93).
SOUTH CHINA SEA.
1. F/V BD 96286, SEVEN PERSONS ON BOARD, DISABLED
AND ADRIFT DUE TO ENGINE DAMAGE IN
11-04N 111-58E AT 150001Z AUG. VESSELS IN
VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO MRCC VUNGTAU,
PHONE: 64 385 0950, FAX: 64 381 0353.
2. CANCEL HYDROPAC 2325/12.

(160852Z AUG 2012)

2331/12(75).
AUSTRALIA-EAST COAST.
CHART 75274
1. WOLLONGONG HEAD LIGHT 34-25.5S 150-54.5E
TEMPORARILY CHANGED TO: FL (3) WR 20 SEC,
RED SECTOR 217-180 DEGREES UNTIL 20 AUG.
2. CANCEL THIS MSG 210001Z AUG 12.

(161049Z AUG 2012)

2332/12(61).
SOUTHWESTERN INDIAN OCEAN.
1. DERELICT 60-75 METER VESSEL CAPSIZED
AND ADRIFT IN 33-09S 047-46E.
2. CANCEL THIS MSG 191120Z AUG 12.

(161125Z AUG 2012)

2333/12(61).
WESTERN INDIAN OCEAN.
REUNION-WEST COAST.
1. OCEANOGRAPHIC OPERATIONS UNTIL 15 SEP
BY M/V ALONG TRACKLINE BETWEEN
20-54.4S 055-05.0E AND 21-21.0S 055-05.0E.
200 METER BERTH REQUESTED.
2. CANCEL THIS 16 SEP 12.

(161202Z AUG 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 16 August 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 16 August 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

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.

44050	23rd Ed. August 18, 2012 NEW EDITION		WGS-84	(NGA Springfield, VA)
	KOBENHAVN (COPENHAGEN)			1:12,500
	(Correct through NM 33/12).			Limited Distribution
55046	5th Ed. August 4, 2012 NEW EDITION		WGS-84	(NGA Springfield, VA)
	BUYUKCEKMECE TO DARICA INCLUDING BOZBURUN YARIMADASI			1:75,000
	(Correct through NM 31/12).			Limited Distribution
71052	1st Ed. August 18, 2012 NEW CHART		WGS-84	(NGA Springfield, VA)
	APPROACHES TO PELABUHAN LANGKAWI			1:40,000
	(Correct through NM 33/12).			Limited Distribution

NEW EDITION OF LIST OF LIGHTS

Pub. 111, 2012 Edition, List of Lights, Radio Aids and Fog Signals for the West Coasts of North and South America (excluding Continental U.S.A. and Hawaii), Australia, Tasmania, New Zealand, and the Islands of the North and South Pacific Oceans, is ready for issue.

This edition contains information available to the National Geospatial-Intelligence Agency (NGA) up to 23 June 2012, including Notice to Mariners No. 25 of 2012.

Corrections subsequent to the above effective date, up to and including Notice to Mariners No. 34 of 2012, are contained in Section II of this Notice.

In the interval between new editions, corrective information affecting this publication will be published in the Notice to Mariners and must be applied in order to keep this publication current.

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	
14043	14AHA14021	Can. 4116	8/05	42/08
14044	14AHA14022	Can. 4117	14/05	
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
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	
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	
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	
97042	97XHA97045	Jpn. W71	46/11	

97043	97XHA97046	Jpn. W1091	45/11	12/12
97060	97ACO97050	Jpn. W54	46/11	
97082	97BHA97084	W64A	9/12	
97083	97BHA97085	W64B	9/12	
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	
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) _____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

User Feedback (continue on additional sheets as necessary)

_____

_____

_____

_____

_____

FIRST-CLASS MAIL
POSTAGE & FEES PAID

NGA
PERMIT NO. G-2

MARITIME SAFETY OFFICE
MAIL STOP N64-SH
NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY
7500 GEOINT DRIVE
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): _____

_____

_____

_____

_____

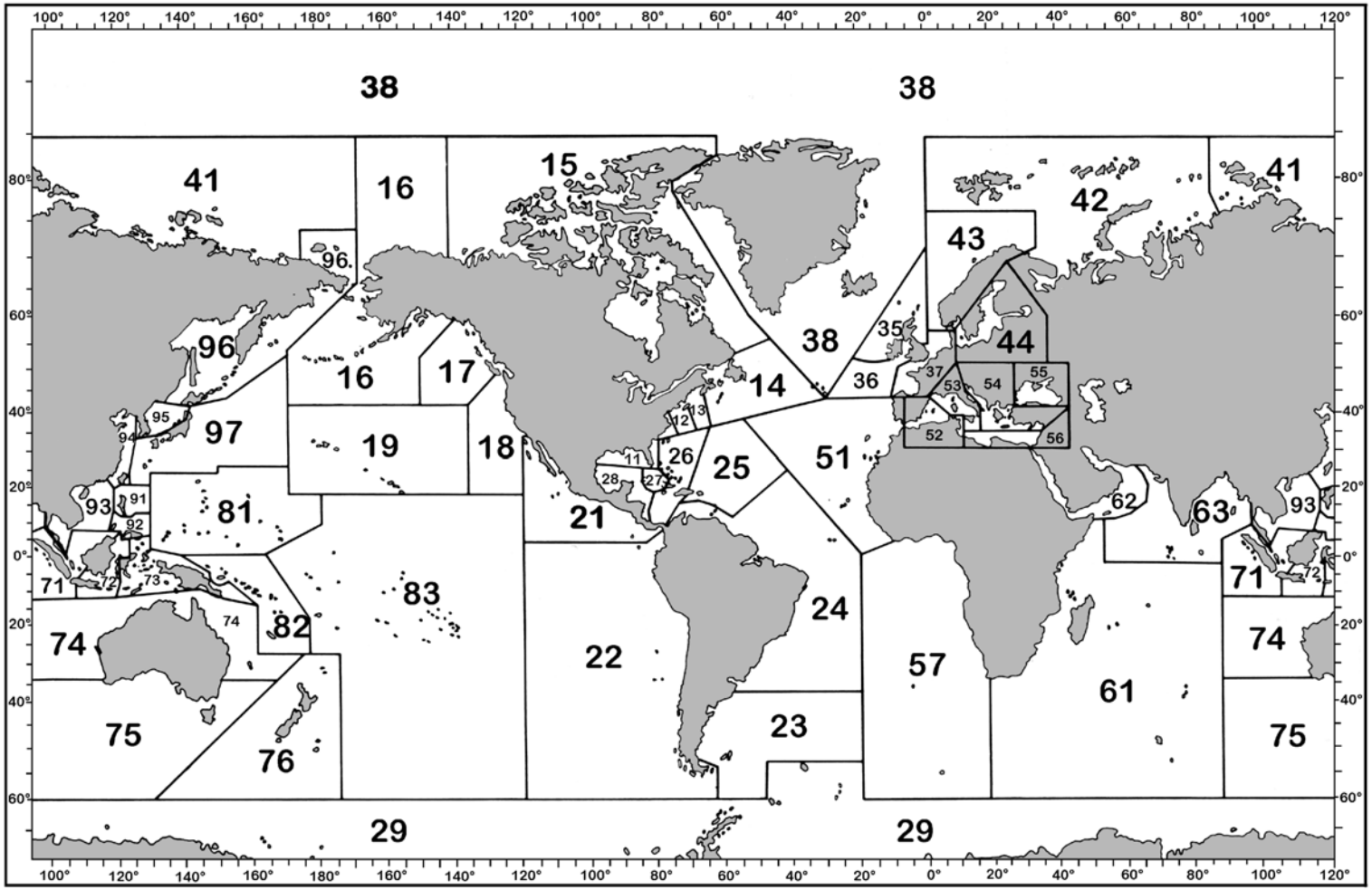
_____

_____

FIRST-CLASS MAIL
POSTAGE & FEES PAID

NGA
PERMIT NO. G-2

MARITIME SAFETY OFFICE
MAIL STOP N64-SH
NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY
7500 GEOINT DRIVE
SPRINGFIELD, VA 22150-7500



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