



No. 20

15 MAY 2004



UNITED STATES OF AMERICA

NOTICE TO MARINERS



Published Weekly by the
National Geospatial-Intelligence Agency

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

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Visit the Maritime Safety Information Division website at
<http://pollux.nss.nga.mil/>



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IMPORTANT INFORMATION

The Notice to Mariners is published by the National Geospatial-Intelligence Agency (NGA), under the authority of Department of Defense Directive 5105.40, 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 Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NGA List of Lights, Radio Navigational Aids 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 Information Website, users may contact:

| <u>Name</u> | <u>Telephone</u> | <u>DSN</u> | <u>FAX</u> |
|---|------------------|------------|--------------|
| Maritime Safety Information Division | 301-227-3370 | 287-3370 | 301-227-4211 |
| World Wide Navigational Warning Service | 301-227-3147 | 287-3147 | 301-227-3731 |
| Fleet Liaison Officer | 301-227-3120 | 287-3120 | 301-227-4211 |
| Maritime Safety Information Website | 301-227-3296 | 287-3296 | 301-227-4211 |
| Notice to Mariners: Regions 1 and 2 | 301-227-3122 | 287-3122 | 301-227-3175 |
| Notice to Mariners: Regions 3, 4, 5 | 301-227-3146 | 287-3146 | 301-227-3175 |
| Notice to Mariners: Regions 6 thru 9 | 301-227-3146 | 287-3146 | 301-227-3175 |
| Sailing Directions, Fleet Guides | 301-227-3183 | 287-3183 | 301-227-3174 |
| Navigation Science Publications | 301-227-3120 | 287-3120 | 301-227-3731 |
| Distribution Issues | 301-227-7652 | 287-7652 | 301-227-4211 |

The Maritime Safety Information Website can be accessed directly at (<http://pollux.nss.nga.mil>). For your convenience NGA provides three e-mail addresses. For information affecting Notice to Mariners use NavNotices@nga.mil, for information affecting Sailing Directions and all other navigational publications use SDPUBS@nga.mil, for information concerning the Maritime Safety Information Website, use webmaster_nss@nga.mil.

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

| <u>Observer</u> | <u>Ship/Organization</u> |
|-----------------|--------------------------|
| Navigation Team | USS Kitty Hawk |

Cover Photo: The **USS FORD (FFG-54)** is the forty-eighth ship of the *Oliver Hazard Perry* Class of guided missile frigates. Her mission is to provide in-depth anti-air, anti-surface and anti-subsurface protection for military and merchant shipping and to ensure continuous use of the sea lanes for the Untied states and her allies. The combat systems aboard utilize a computer command and control system to integrate the ships sensors and weapons. Her weapons include surface-to-surface and surface-to-air missiles, a 76mm rapid fire gun, a close-in weapons system, anti-torpedoes and LAMPS MK III helicopter. The propulsion system is a computer controlled gas turbine power plant which utilizes jet engines. **FORD**'s propulsion system can be "brought on line" in less than five minutes as compared to more than four hours for the conventional steam powered ships. Despite the advanced systems aboard, the heart of the ship is the crew. Each member has been highly trained in his particular area of expertise so that he can either operate, monitor or repair all shipboard systems. Skilled technicians and professional leadership make **USS FORD** a vital asset for the fleet in today's multi-threat environment.

INFORMATION
OF
SPECIAL INTEREST
OR
IMPORTANCE
TO
MARINERS

NM 20/04

HYDROGRAM

**National Geospatial-Intelligence Agency
Bethesda, MD 20816-5003**

SPECIAL
ANNOUNCEMENTS

NEW PRODUCTS
OR SERVICES

IMPORTANT
CHANGES

15 May 2004

NOAA CHART NEW EDITIONS AND THEIR AVAILABILITY

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

MERCHANT MARINE PERSONNEL ADVISORY COMMITTEE MEETINGS

THE UNITED STATES COAST GUARD MERCHANT MARINE PERSONNEL ADVISORY COMMITTEE (MERPAC) WILL HOLD MEETINGS IN WASHINGTON, DC TO DISCUSS VARIOUS ISSUES RELATED TO MERCHANT MARINE PERSONNEL. SEE SECTION III.

EXPLANATION OF CONTENTS

The Notice to Mariners contains corrective information affecting nautical charts, the NGA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NGA List of Lights, Radio Navigational Aids 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 Hydrographic Products Catalog, including new charts and publications. It also contains the latest price category information.

Section II-2* contains corrections to navigation publications, including Sailing Directions, Coast Pilots, Fleet Guides, Radio Navigational Aids (Pub. 117), *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.

**SECTION I
CHART CORRECTIONS**

NM 20/04

| | | |
|--|---|--|
| 512 (INT 512) 2Ed. 5/18/96 LAST NM 11/04 Delete RC at light (36(5870)03 St. Petersburg) | 20/04 54°44'N 162°07'E | Note “NOTE C WARNING Mariners should be alert to the possibility of strong cross-currents as they transit the Galveston Bay Entrance Channel.” 29°17'39"N 94°56'57"W |
| 521 11Ed. 7/18/81 LAST NM 11/04 Delete R Bn (36(5870)03 St. Petersburg) | 20/04 54°44'N 162°07'E | (NOS) |
| 523 8Ed. 7/6/96 LAST NM 11/04 Delete R Bn (36(5870)03 St. Petersburg) | 20/04 54°44'N 162°07'E | ★11324 33Ed. 9/03 LAST NM 19/04 Add Legend “(see note C)” Legend “(see note C)” 20/04 29°18'28"N 94°37'12"W 29°20'08"N 94°40'23"W |
| 532 17Ed. 2/3/96 LAST NM 15/04 Delete R Bn (36(5870)03 St. Petersburg) | 20/04 54°44'N 162°07'E | Note “NOTE C WARNING Mariners should be alert to the possibility of strong cross-currents as they transit the Galveston Bay Entrance Channel.” 29°18'26"N 94°46'42"W |
| 800 4Ed. 8/3/96 LAST NM 15/04 Delete R Bn (36(5870)03 St. Petersburg) | 20/04 54°44'N 162°07'E | (NOS) |
| 1115A Ed. 10/02 LAST NM 15/04 Add Position circle “Pipe (awash)” [L23] (PA) (15/04 CG8) | 20/04 30°19.1'N 86°26.3'W | 11326 32Ed. 11/03 LAST NM 19/04 (Page A, Inset 1) Change Range light, front to QG 25ft 29°42'18.9"N 95°01'14.6"W (Page C) Change Light to “WR” Fl 2.5s 17ft 5M 29°25'24"N 94°50'03"W Add Legend “(see note B)” 29°19'52"N 94°39'40"W |
| 1116A Ed. 6/03 LAST NM 19/04 Substitute Platform [L10] for submerged well (cov 15fms) (See 14/04-1116A) | 20/04 28°35.8'N 93°01.6'W | Note “NOTE B WARNING Mariners should be alert to the possibility of strong cross-currents as they transit the Galveston Bay Entrance Channel.” 29°33'15"N 94°38'40"W |
| Add Platform [L10] (15/04 CG8) | 28°43.6'N 92°50.5'W | (NOS) |
| 1117A Ed. 4/03 LAST NM 18/04 Delete Dangerous wreck (PA) Wreck (PD) Wreck (PA) Wreck (PA) | 20/04 28°36.3'N 95°22.8'W 28°33.5'N 95°21.2'W 28°37.0'N 95°14.0'W 28°38.0'N 95°12.1'W | ★11330 15Ed. 10/03 LAST NM 17/04 Delete Dangerous wreck (PA) Wreck (PD) Wreck Wreck 20/04 28°36.3'N 95°22.7'W 28°33.5'N 95°21.2'W 28°37.0'N 95°14.0'W 28°38.0'N 95°12.1'W |
| Add (NOS) Depth 12 fathoms Obstn [K41] | 28°39.5'N 95°14.7'W | Substitute Platform [L10] for submerged well (cov 90ft) 28°35.8'N 93°01.6'W (See 14/04-11330) |
| 11006 31Ed. 9/03 LAST NM 16/04 Add Position circle “Pipe (awash)” [L23] (PA) (15/04 CG8) | 20/04 30°19.1'N 86°26.3'W | Add Depth 75 feet Obstn [K41] 28°39.5'N 95°14.7'W Platform [L10] 28°43.6'N 92°50.5'W Legend “(see note C)” 29°16.1'N 94°35.6'W |
| 11300 39Ed. 4/03 LAST NM 18/04 Delete Dangerous wreck (PA) Wreck (PD) Wreck (PA) Wreck (PA) | 20/04 28°36.3'N 95°22.8'W 28°33.5'N 95°21.0'W 28°37.0'N 95°14.0'W 28°38.0'N 95°12.0'W | Note “NOTE C WARNING Mariners should be alert to the possibility of strong cross-currents as they transit the Galveston Bay Entrance Channel.” 29°47.8'N 94°50.0'W |
| Add (NOS) Depth 12 fathoms Obstn [K41] | 28°39.5'N 95°14.7'W | (NOS; 15/04 CG8) |
| ★11313 22Ed. 3/24/01 LAST NM 14/04 Add Platform [L10] (15/04 CG8) | 20/04 28°00'22"N 96°35'45"W | 11340 68Ed. 6/03 LAST NM 19/04 Substitute Platform [L10] for submerged well (cov 15fms) 28°35.8'N 93°01.6'W (See 14/04-11340) |
| ★11321 29Ed. 12/15/01 LAST NM 18/04 Delete Dangerous wreck (PA) Wreck (PD) Wreck (PA) Wreck (PA) | 20/04 28°36'16"N 95°22'45"W 28°33'31"N 95°21'14"W 28°37'00"N 95°14'00"W 28°38'01"N 95°12'05"W | Add Platform [L10] 28°43.6'N 92°50.5'W (15/04 CG8) |
| Add (NOS) Depth 75 feet Obstn [K41] | 28°39'28"N 95°14'43"W | |
| 11323 60Ed. 9/03 LAST NM 19/04 Add Legend “(see note C)” Legend “(see note C)” | 20/04 29°23'22"N 94°37'03"W 29°20'00"N 94°32'14"W | 11352 37Ed. 12/03 LAST NM 15/04 Delete Legend “Range... (2004)” (See 15/04-11352) 20/04 29°03.1'N 90°13.9'W |
| | | Change Range light, front to Q 25ft, Q 26ft 5M 29°05.9'N 90°13.4'W Range light, rear to Iso 6s 67ft, Fl G 4s 12ft 4M 29°07.4'N 90°13.1'W and delete legend “PA” (See 14/04-11352) |
| | | (15/04 CG8) |

| | | | | |
|------------|--|--------|---|--|
| ★11357 | 36Ed. 7/03 LAST NM 17/04 Delete Range lights (2) and range line between 29°07'24"N 90°13'00"W 29°04'31"N 90°13'42"W | 20/04 | Change Legend to "FIXED BRIDGE HOR CL 150 FT VERT CL 80 FT OVHD PWR CAB AUTH CL 68 FT" (NOS) | Legend to "FIXED BRIDGE HOR CL 150 FT VERT CL 80 FT OVHD PWR CAB AUTH CL 68 FT" 30°22'16.0"N 88°33'19.0"W |
| | Legend "Range...(2004)" (See 14, 15/04-11357) 29°04'14"N 90°13'48"W | | | |
| Add | Range light, front Q 25ft, Q 26ft 5M 29°05'55"N 90°13'23"W Range light, rear Iso 6s 67ft, Fl G 4s 12ft 4M 29°07'24"N 90°13'03"W | | ★11375 | 35Ed. 8/02 LAST NM 17/04 Delete Legend "Bridge...note" CAUTION note |
| | Range line extending in 191°06' direction from above rear light, dashed for 3,460 yards, thence solid for 2,500 yards (15/04 CG8) | | | 20/04 30°22'17.2"N 88°33'22.0"W 30°21'54.0"N 88°32'50.0"W Double solid line and land tint (bridge) between 30°22'16.9"N 88°33'38.2"W 30°22'20.5"N 88°33'52.2"W Note: Dashed line (power cable) remains |
| 11360 | 40Ed. 10/02 LAST NM 15/04 Add Position circle "Pipe (awash)" [L23] (PA) 30°19.1'N 86°26.3'W (15/04 CG8) | 20/04 | Substitute | Double solid line with land tint (bridge) [D22] for double dashed line and purple screened area between 30°22'17.8"N 88°33'29.1"W 30°22'20.7"N 88°33'49.7"W |
| 11362 | 4Ed. 6/10/00 LAST NM N15/04 Add Position circle "Pipe (awash)" [L23] (PA) 30°19.1'N 86°26.3'W (15/04 CG8) | N20/04 | Change | Legend to "FIXED BRIDGE HOR CL 150 FT VERT CL 80 FT OVHD PWR CAB AUTH CL 68 FT" (NOS) |
| ★11363 | 39Ed. 9/03 LAST NM 17/04 Add Platform [L10] (15/04 CG8) | 20/04 | ★11376 | 49Ed. 9/03 LAST NM 19/04 Change Range light, front to Fl 2.5s 22ft (Day), Fl 2.5s 20ft (Night), Fl 2.5s 24ft 5M |
| 11365 | 17Ed. 10/02 LAST NM 15/04 (Side B) Delete Range lights (2) and range line between 29°07'23.8"N 90°13'02.0"W 29°04'30.0"N 90°13'42.0"W Legend "Range...(2004)" (Supersedes 14, 15/04-11365) 29°03'48.0"N 90°13'52.0"W | 20/04 | | 20/04 30°14'09"N 88°02'30"W |
| Add | Range light, front Q 25ft, Q 26ft 5M 29°05'54.9"N 90°13'23.4"W Range light, rear Iso 6s 67ft, Fl G 4s 12ft 4M 29°07'24.4"N 90°13'03.4"W | | Add | Buoy "WR2A" R, QR Tabulation of controlling depths from Subsection I-2 (NOS; 15/04 CG8) |
| | Range line extending in 191°06' direction from above rear light, dashed for 3,460 yards, thence solid for 2,500 yards (15/04 CG8) | | ★11377 | 5Ed. 6/03 LAST NM 17/04 Change Range light, front to Fl 2.5s 22ft (Day), Fl 2.5s 20ft (Night), Fl 2.5s 24ft 5M |
| 11373 | 43Ed. 9/03 LAST NM 17/04 Delete Legend "(see...constr" CAUTION note 30°22'24"N 88°34'02"W 30°23'34"N 88°30'00"W | 20/04 | | 20/04 30°14'08.8"N 88°02'29.8"W |
| | Double solid line and land tint (bridge) between 30°22'17"N 88°33'38"W 30°22'20"N 88°33'50"W | | Add | Buoy "WR2A" R, QR Beacons (2) W (NOS; 15/04 CG8) |
| Substitute | Double solid line with land tint (bridge) [D22] for double dashed line and purple screened area between 30°22'22"N 88°33'37"W 30°22'25"N 88°33'52"W | | 11378 | 33Ed. 2/04 LAST NM 16/04 (Side B) Change Range light, front to Fl 2.5s 22ft (Day), Fl 2.5s 20ft (Night), Fl 2.5s 24ft 5M |
| Change | Legend to "FIXED BRIDGE HOR CL 150 FT VERT CL 80 FT" (NOS) | 20/04 | | 20/04 30°14'08.8"N 88°02'29.5"W |
| 11374 | 32Ed. 10/03 LAST NM 17/04 (Side B) Delete Legend "Bridge...note" CAUTION note 30°22'28.5"N 88°33'56.0"W 30°22'21.0"N 88°31'18.0"W | 20/04 | Add | Buoy "WR2A" R, QR 30°13'57.5"N 88°01'15.9"W (NOS; 15/04 CG8) |
| | Double solid line and land tint (bridge) between 30°22'16.9"N 88°33'38.2"W 30°22'20.1"N 88°33'50.0"W | | ★11388 | 17Ed. 2/04 LAST NM 18/04 Add Position circle "Pipe (awash)" [L23] (PA) 30°19'06"N 86°26'18"W |
| | Note: Dashed line (power cable) remains | | | Submerged well (cov 155ft) [L20] 30°03'33"N 86°36'30"W (NOS; 15/04 CG8) |
| Substitute | Double solid line with land tint (bridge) [D22] for double dashed line and purple screened area between 30°22'17.2"N 88°33'29.3"W 30°22'24.9"N 88°33'52.0"W | | 11390 | 23Ed. 2/04 LAST NM 19/04 (Side A) Delete Buoy "13A" Legend "Range...(2002)" (NTM0001/2004) |
| | | | | 20/04 30°08'20"N 85°42'33"W 30°08'35"N 85°41'48"W |
| 12230 | 61Ed. 11/03 LAST NM 3/04 Change Visibility (range) of light "B" to 3M (12/04 CG5) | 20/04 | | 38°17'06"N 75°55'18"W |
| ★12243 | 13Ed. 2/24/01 LAST NM 12/04 Change Legend to "16½ FT FOR WIDTH OF 200 FT APR 2003" (NOS) | 20/04 | | 37°30'50"N 76°47'32"W |

SECTION I

NM 20/04

| | | | | | | | |
|---------------|---------------|--|---|---------------|---------------|---|---|
| 12244 | 13Ed. 2/24/01 | LAST NM 18/01 Change Legend to "16½ FT 2003" (NOS) | 20/04 37°31'14"N 76°47'42"W | ★13218 | 38Ed. 3/10/01 | LAST NM 19/04 Add Green tinted area (recommended route) bound by limit joining | 20/04 41°27'37"N 71°22'47"W 41°22'38"N 71°25'58"W 41°22'38"N 71°24'38"W 41°26'19"N 71°22'55"W 41°22'38"N 71°21'58"W 41°22'38"N 71°20'38"W 41°26'34"N 71°22'20"W 41°27'40"N 71°22'20"W |
| ★12252 | 23Ed. 5/12/01 | LAST NM 16/04 Add Depth 23 feet (NOS) | 20/04 37°20'09.3"N 77°16'23.3"W | | | Green-tint line (recommended route) 1200 yards wide on centerline joining | 41°17'52"N 71°34'58"W 41°17'55"N 71°34'40"W 41°17'55"N 71°26'02"W |
| ★12261 | 28Ed. 7/1/02 | LAST NM 48/03 Change Visibility (range) of light "B" to 3M (12/04 CG5) | 20/04 38°17'06"N 75°55'16"W | | | Legend "(see note G)" Legend "(see note G)" Legend "(see note G)" | 41°17'54"N 71°30'06"W 41°23'30"N 71°25'00"W 41°24'00"N 71°21'42"W |
| 12273 | 54Ed. 9/03 | LAST NM 7/04 Change Range light, rear to Oc 4s 122ft (12/04 CG5) | 20/04 39°31'10"N 75°54'00"W | 12274 | 33Ed. 7/02 | LAST NM 33/03 Change Range light, rear to Oc 4s 122ft (12/04 CG5) | 20/04 39°31'10"N 75°53'59"W |
| ★12277 | 32Ed. 7/03 | LAST NM 51/03 Change Range light, rear to Oc 4s 122ft (12/04 CG5) | 20/04 39°31'09.9"N 75°53'58.3"W | | | Note "NOTE G RECOMMENDED VESSEL ROUTE Recommended vessel routes for deep draft vessels (including tugs and barges) entering and departing Rhode Island Sound, Narragansett Bay and Buzzards Bay. While not mandatory, deep draft commercial vessels (including tugs and barges) are requested to follow the designated routes at the master's discretion. Other vessels, while not excluded from these routes, should exercise caution in and around these areas and monitor VHF channel 16 or 13 for information concerning deep draft vessels (including tugs and barges) transiting these routes. See U.S. Coast Pilot Volume 2, Chapter 5, 6 or 7 as appropriate." | 41°17'54"N 71°30'06"W 41°23'30"N 71°25'00"W 41°24'00"N 71°21'42"W 41°23'18"N 70°38'00"W |
| ★12281 | 49Ed. 5/13/00 | LAST NM 16/04 Delete Light "1" | 20/04 39°14'02.0"N 76°31'28.8"W | | | | |
| | | Add Beacon "1" G (Priv) (12/04 CG5) | 39°14'00.4"N 76°31'28.9"W | ★12300 | 43Ed. 3/03 | LAST NM 17/04 Substitute Depth 16 fathoms for 6 fathoms (NOS) | 20/04 41°14.1'N 70°22.8"W |
| 12301 | 21Ed. 9/15/01 | LAST NM N6/04 Substitute Depth 16 fathoms for 6 fathoms (NOS) | N20/04 41°14.1'N 70°22.8"W | 13221 | 54Ed. 12/03 | LAST NM 19/04 Add Green tinted area (recommended route) bound by limit joining | 20/04 41°27'37"N 71°22'47"W 41°22'38"N 71°25'58"W 41°22'38"N 71°24'38"W 41°26'19"N 71°22'55"W 41°22'38"N 71°21'58"W 41°22'38"N 71°20'38"W 41°26'34"N 71°22'20"W 41°27'40"N 71°22'20"W |
| 12327 | 97Ed. 9/03 | LAST NM 17/04 Add Range light, front Iso 6s (Priv) Range light, rear Iso 6s (Priv) | 20/04 40°41'17"N 74°04'49"W 40°41'29"N 74°05'08"W | | | Green-tint line (recommended route) 350 yards wide on centerline joining | 41°27'39"N 71°22'33"W 41°28'49"N 71°20'43"W 41°30'18"N 71°20'55"W 41°33'59"N 71°21'17"W |
| | | Range line (dashed) between | 40°41'29"N 74°05'08"W 40°41'02"N 74°04'27"W | | | | |
| | | Range line (solid) between | 40°41'02"N 74°04'27"W 40°40'29"N 74°04'36"W | | | Green-tint line (recommended route) 350 yards wide expanding to 440 yards on centerline between | 41°33'59"N 71°21'17"W 41°34'33"N 71°21'45"W |
| | | (11/04 CG1) | | | | | |
| ★12334 | 66Ed. 5/03 | LAST NM 36/03 Add Range light, front Iso Y 6s 5M (Priv) | 20/04 40°41'17.1"N 74°04'49.0"W | | | Green-tint line (recommended route) 350 yards wide on centerline between | 41°30'18"N 71°20'55"W 41°31'43"N 71°20'00"W |
| | | Range light, rear Iso Y 6s 5M (Priv) | 40°41'29.1"N 74°05'07.8"W | | | | |
| | | Range line (dashed) between | 40°41'29.1"N 74°05'07.8"W 40°41'02.8"N 74°04'26.5"W | | | Green-tint line (recommended route) 350 yards wide reducing to 200 yards on centerline between | 41°31'43"N 71°20'00"W 41°35'49"N 71°18'10"W |
| | | Range line (solid) between | 40°41'02.8"N 74°04'26.5"W 40°40'30.0"N 74°04'35.0"W | | | | |
| | | (11/04 CG1) | | | | Green-tint line (recommended route) 1200 yards wide on centerline between | 41°21'30"N 71°11'26"W 41°23'29"N 71°06'22"W |
| 12372 | 32Ed. 10/03 | LAST NM 17/04 (Page B, Inset 1) | 20/04 | | | | |
| | | Add Light Fl G 6s 2M (Priv) Buoy "WR" W Or | 41°21'26.7"N 72°05'20.0"W 41°21'26.2"N 72°05'09.1"W | | | Legend "(see note G)" Legend "(see note G)" | 41°22'35"N 71°08'44"W 41°23'42"N 71°24'27"W 41°23'45"N 71°21'09"W 41°28'11"N 71°21'41"W 41°31'38"N 71°21'06"W 41°32'34"N 71°19'33"W |
| ★13213 | 41Ed. 3/04 | LAST NM 18/04 Add Light Fl G 6s 2M (Priv) Buoy "WR" W Or | 20/04 41°21'26.7"N 72°05'20.0"W 41°21'26.2"N 72°05'09.1"W | | | | |
| | | (10/04 CG1) | | | | | |

SECTION I

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|---------------|---|--|--|--|
| 13221 | (Continued) | | | |
| | Note | | | |
| | "NOTE G RECOMMENDED VESSEL ROUTE Recommended vessel routes for deep draft vessels (including tugs and barges) entering and departing Rhode Island Sound, Narragansett Bay and Buzzards Bay. While not mandatory, deep draft commercial vessels (including tugs and barges) are requested to follow the designated routes at the master's discretion. Other vessels, while not excluded from these routes, should exercise caution in and around these areas and monitor VHF channel 16 or 13 for information concerning deep draft vessels (including tugs and barges) transiting these routes. See U.S. Coast Pilot Volume 2, Chapter 5, 6 or 7 as appropriate." | | | |
| | | 41°33'41"N 70°08'30"W | | |
| | (NOS) | | | |
| ★13223 | 37Ed. 1/04 LAST NM 16/04 | 20/04 | | |
| Add | Green tinted area (recommended route) bound by limit joining | 41°27'36.6"N 71°22'47.1"W 41°25'36.7"N 71°24'03.8"W 41°25'36.7"N 71°23'14.8"W 41°26'18.5"N 71°22'55.3"W 41°25'36.7"N 71°22'44.4"W 41°25'36.7"N 71°21'55.4"W 41°26'33.9"N 71°22'20.2"W 41°27'40.0"N 71°22'20.2"W | | |
| | Green-tint line (recommended route) 350 yards wide on centerline joining | 41°27'38.6"N 71°22'33.2"W 41°28'48.5"N 71°20'42.8"W 41°30'18.4"N 71°20'55.4"W 41°33'59.2"N 71°21'16.6"W | | |
| | Green-tint line (recommended route) 350 yards wide expanding to 440 yards on centerline between | 41°33'59.2"N 71°21'16.6"W 41°34'32.6"N 71°21'44.7"W | | |
| | Green-tint line (recommended route) 350 yards wide on centerline between | 41°30'18.4"N 71°20'55.4"W 41°31'43.4"N 71°19'59.5"W | | |
| | Green-tint line (recommended route) 350 yards wide reducing to 200 yards on centerline between | 41°31'43.4"N 71°19'59.5"W 41°35'49.2"N 71°18'09.6"W | | |
| | Legend "(see note D)" | 41°27'22.5"N 71°22'40.0"W | | |
| | Legend "(see note D)" | 41°29'08.7"N 71°20'45.2"W | | |
| | Legend "(see note D)" | 41°33'05.5"N 71°21'12.2"W | | |
| | Legend "(see note D)" | 41°33'25.3"N 71°19'11.8"W | | |
| | Note | | | |
| | "NOTE D RECOMMENDED VESSEL ROUTE Recommended vessel routes for deep draft vessels (including tugs and barges) entering and departing Rhode Island Sound, Narragansett Bay and Buzzards Bay. While not mandatory, deep draft commercial vessels (including tugs and barges) are requested to follow the designated routes at the master's discretion. Other vessels, while not excluded from these routes, should exercise caution in and around these areas and monitor VHF channel 16 or 13 for information concerning deep draft vessels (including tugs and barges) transiting these routes. See U.S. Coast Pilot Volume 2, Chapter 5, 6 or 7 as appropriate." | | | |
| | | 41°32'53.2"N 71°16'32.1"W | | |
| | (NOS) | | | |
| ★13272 | 48Ed. 2/04 LAST NM 18/04 | 20/04 | | |
| Add | Designation "CG" to buoy (mooring) | 42°21'11"N 71°01'22"W | | |
| | (12/04 CG1) | | | |
| ★13287 | 11Ed. 6/30/90 LAST NM 48/01 | 20/04 | | |
| Add | Designation "SI" to buoy | 43°27'31.5"N 70°20'51.0"W | | |
| | (10/04 CG1) | | | |
| 13288 | 40Ed. 2/2/02 LAST NM 45/03 | 20/04 | | |
| Add | Buoy "P" Y, Fl Y 4s (Priv) Buoy "Q" Y, Fl Y 4s (Priv) Buoy "R" Y, Fl Y 4s (Priv) | 43°37'45"N 70°12'37"W 43°40'16"N 70°10'29"W 43°43'30"N 70°03'39"W | | |
| | (12/04 CG1) | | | |
| ★13290 | 35Ed. 8/03 LAST NM 49/03 | 20/04 | | |
| Add | Buoy "P" Y, Fl Y 4s (Priv) Buoy "Q" Y, Fl Y 4s (Priv) Buoy "R" Y, Fl Y 4s (Priv) | 43°37'45"N 70°12'37"W 43°40'16"N 70°10'29"W 43°43'30"N 70°03'39"W | | |
| | (12/04 CG1) | | | |
| 13292 | 36Ed. 3/16/02 LAST NM 49/03 | 20/04 | | |
| Add | Buoy "P" Y, Fl Y 4s (Priv) Buoy "Q" Y, Fl Y 4s (Priv) | 43°37'45.0"N 70°12'37.0"W 43°40'16.0"N 70°10'29.0"W | | |
| | (12/04 CG1) | | | |
| 14800 | 9Ed. 10/30/99 LAST NM 23/02 | 20/04 | | |
| Change | Light to Fl 2.5s 17m 4NM | 43°56.6'N 76°08.7'W | | |
| Add | Buoy "2" R, Fl R 4s | 43°56.5'N 76°09.2'W | | |
| | (16/04 CG9) | | | |
| 14802 | 30Ed. 6/26/99 LAST NM 47/01 | 20/04 | | |
| Change | Light to Fl 2.5s 57ft 5 St M | 43°56'37"N 76°08'43"W | | |
| Add | Buoy "2" R, Fl R 4s | 43°56'31"N 76°09'12"W | | |
| | (16/04 CG9) | | | |
| ★14811 | 16Ed. 11/29/97 LAST NM 47/01 | 20/04 | | |
| Change | Light to Fl 2.5s 57ft 5 St M | 43°56'37"N 76°08'43"W | | |
| Add | Buoy "2" R, Fl R 4s | 43°56'31"N 76°09'12"W | | |
| | (16/04 CG9) | | | |
| 14826 | 27Ed. 11/02 LAST NM 8/04 | 20/04 | | |
| Change | Light to Fl Y 2.5s 25ft 4 St M | 41°28'47"N 82°11'15"W | | |
| | Visibility (range) of light to 21 St M | 41°28'52"N 82°11'42"W | | |
| | (15/03, 13/04 CG9) | | | |
| 14830 | 30Ed. 6/03 LAST NM 15/04 | 20/04 | | |
| Change | Light to Fl Y 2.5s 25ft 4 St M | 41°28'42"N 82°11'12"W | | |
| | Visibility (range) of light to 21 St M | 41°28'48"N 82°11'42"W | | |
| | (15/03, 13/04 CG9) | | | |
| ★14848 | 56Ed. 11/10/01 LAST NM 15/04 | 20/04 | | |
| | (Right Panel) | | | |
| Relocate | Buoy "16" from 42°00'17.3"N 83°08'10.0"W to 42°00'17.3"N 83°08'14.0"W | | | |
| | (11/04 CG9) | | | |
| ★14913 | 18Ed. 5/03 LAST NM 15/04 | 20/04 | | |
| Relocate | Light "1" from 44°46'06"N 85°37'18"W to 44°46'04"N 85°37'20"W (See 8/04-14913) | | | |
| Add | Light "2" Fl R 2.5s 22ft (Priv) | 44°46'06"N 85°37'19"W | | |
| | (Inset Traverse City) | | | |
| Relocate | Light "1" from 44°46'06.0"N 85°37'18.0"W to 44°46'03.8"N 85°37'19.9"W | | | |
| Add | Light "2" Fl R 2.5s 22ft (Priv) | 44°46'06.0"N 85°37'18.8"W | | |
| | (11/04 CG9) | | | |
| 14926 | 10Ed. 4/03 LAST NM 10/04 | 20/04 | | |
| | (Page 8) | | | |
| Delete | Buoy "ZA" | 41°51'07.2"N 87°36'30.4"W | | |
| | Buoy "ZA" | 41°51'07.2"N 87°36'22.5"W | | |
| | Buoy "ZB" | 41°51'02.2"N 87°36'30.8"W | | |
| | Buoy "ZB" | 41°51'02.5"N 87°36'21.7"W | | |
| | Legend "Priv aids" | 41°51'04.3"N 87°36'26.8"W | | |
| | (13/04 CG9) | | | |

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|-----------------|--|---|--------|--|
| ★14928 | 21Ed. 11/02 LAST NM 10/04 Delete Buoy "ZA" Buoy "ZA" Buoy "ZB" Buoy "ZB" Legend "Priv buoys" | 41°51'07.2"N 87°36'31.0"W 41°51'07.2"N 87°36'23.2"W 41°51'02.2"N 87°36'31.5"W 41°51'02.2"N 87°36'22.0"W 41°51'05.5"N 87°36'23.0"W | 20/04 | Buoy (mooring) [Q41] "M" Fl 2s (Priv) 37°50'00.9"N 122°21'08.3"W Buoy (mooring) [Q41] "N" Fl 2s (Priv) 37°50'09.4"N 122°21'14.1"W |
| (13/04 CG9) | | | | (2, 13/04 CG11) |
| ★15563 | Ed. 6/97 NEW EDITION (NGA) | | N20/04 | |
| ★16487 | 6Ed. 3/04 NEW EDITION (NOS) | | 20/04 | |
| ★18521 | 70Ed. 10/03 LAST NM 19/04 Add Tabulation of controlling depths from Subsection I-2 (NOS) | | 20/04 | |
| ★18523 | 54Ed. 10/03 LAST NM 19/04 Add Tabulation of controlling depths from Subsection I-2 (NOS) | | 20/04 | |
| ★18524 | 33Ed. 2/23/02 LAST NM 19/04 (Left Panel) Add Tabulation of controlling depths from Subsection I-2 (NOS) | | 20/04 | |
| ★18525 | 33Ed. 6/30/01 LAST NM 19/04 Add Tabulation of controlling depths from Subsection I-2 (NOS) | | 20/04 | |
| 18526 | 56Ed. 12/03 LAST NM 19/04 Add Tabulation of controlling depths from Subsection I-2 (NOS) | | 20/04 | |
| ★18531 | 21Ed. 12/03 LAST NM 19/04 (Lower Panel) Add Tabulation of controlling depths from Subsection I-2 (NOS) | | 20/04 | |
| ★18587 | 68Ed. 8/25/01 LAST NM 19/04 Change Legend to "34 FT FEB 2004" 43°24'05"N 124°17'04"W Legend to "27 FT FEB 2004" 43°24'04"N 124°16'37"W (See 8, 19/04-18587) | | 20/04 | |
| ★18649 | 63Ed. 9/03 LAST NM 19/04 Delete Light "3" 37°55'45"N 122°28'22"W | | 20/04 | |
| Relocate | Buoy (mooring) "A" from 37°49'41.7"N 122°21'05.8"W to 37°49'43.4"N 122°21'11.4"W | | | |
| | Buoy (mooring) "B" from 37°49'58.0"N 122°21'12.6"W to 37°49'55.3"N 122°21'16.5"W | | | |
| | Buoy (mooring) "C" from 37°50'10.8"N 122°21'27.1"W to 37°50'11.0"N 122°21'19.4"W | | | |
| Add | Buoy (mooring) [Q41] "E" Fl 2s (Priv) 37°50'32.5"N 122°21'48.3"W | | | |
| | Buoy (mooring) [Q41] "F" Fl 2s (Priv) 37°49'44.1"N 122°21'21.9"W | | | |
| | Buoy (mooring) [Q41] "G" Fl 2s (Priv) 37°49'52.2"N 122°21'27.7"W | | | |
| | Buoy (mooring) [Q41] "H" Fl 2s (Priv) 37°50'01.5"N 122°21'32.5"W | | | |
| | Buoy (mooring) [Q41] "I" Fl 2s (Priv) 37°50'07.5"N 122°21'41.6"W | | | |
| | Buoy (mooring) [Q41] "J" Fl 2s (Priv) 37°49'36.8"N 122°20'51.9"W | | | |
| | Buoy (mooring) [Q41] "K" Fl 2s (Priv) 37°49'43.4"N 122°20'57.2"W | | | |
| | Buoy (mooring) [Q41] "L" Fl 2s (Priv) 37°49'52.0"N 122°21'02.3"W | | | |
| | Buoy (mooring) [Q41] "M" Fl 2s (Priv) 37°50'00.9"N 122°21'08.3"W | | | |
| | Buoy (mooring) [Q41] "N" Fl 2s (Priv) 37°50'09.4"N 122°21'14.1"W | | | |
| | (NOS; 2/04 CG11) | | | |
| 18652 | 32Ed. 7/03 LAST NM 19/04 (Page B, Inset 5) | | 20/04 | |
| Relocate | Buoy (mooring) "A" from 37°49'42"N 122°21'06"W to 37°49'58"N 122°21'13"W to 37°50'11"N 122°21'27"W to 37°49'43"N 122°21'11"W | | | |
| | Buoy (mooring) "B" from 37°49'58"N 122°21'13"W to 37°49'55"N 122°21'17"W | | | |
| | Buoy (mooring) "C" from 37°50'11"N 122°21'27"W to 37°50'11"N 122°21'19"W | | | |
| Add | Buoy (mooring) [Q41] "E" Fl 2s (Priv) 37°50'33"N 122°21'48"W | | | |
| | Buoy (mooring) [Q41] "F" Fl 2s (Priv) 37°49'44"N 122°21'22"W | | | |
| | Buoy (mooring) [Q41] "G" Fl 2s (Priv) 37°49'52"N 122°21'28"W | | | |
| | Buoy (mooring) [Q41] "H" Fl 2s (Priv) 37°50'02"N 122°21'32"W | | | |
| | Buoy (mooring) [Q41] "I" Fl 2s (Priv) 37°50'07"N 122°21'42"W | | | |
| | Buoy (mooring) [Q41] "J" Fl 2s (Priv) 37°49'37"N 122°20'52"W | | | |
| | Buoy (mooring) [Q41] "K" Fl 2s (Priv) 37°49'43"N 122°20'57"W | | | |
| | Buoy (mooring) [Q41] "L" Fl 2s (Priv) 37°49'52"N 122°21'02"W | | | |
| | Buoy (mooring) [Q41] "M" Fl 2s (Priv) 37°50'01"N 122°21'08"W | | | |
| | Buoy (mooring) [Q41] "N" Fl 2s (Priv) 37°50'09"N 122°21'14"W | | | |
| | (Page C) | | | |
| Delete | Light "3" 37°55'45"N 122°28'17"W | | | |
| (2, 13/04 CG11) | | | | |
| ★18653 | 9Ed. 9/30/00 LAST NM 16/04 Delete Light "3" (13/04 CG11) | | 20/04 | |
| ★18765 | 15Ed. 2/16/02 LAST NM 19/04 (Inset) Delete Depth 0 fathom 1 foot Depth 0 fathom 5 feet | | 20/04 | |
| | 32°46'05"N 117°14'39"W | | | |
| | 32°46'02"N 117°14'40"W | | | |

(continued on next page)

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| 18765 | (Continued) | | | |
| Change | Legend to "LEFT QUARTER 11 FT MIDDLE HALF 14 FT DEC 2003 RIGHT QUARTER 9 FT" | 32°45'30"N 117°15'00"W | Add | "Dumping Ground" area [N62.1] bound by dashed-line circle, radius 1.5 kilometers, centered 51°27'19.2"N 3°02'00.0"E (23(170), 24(175)03 Oostende) |
| | Legend to "14 FT DEC 2003" | 32°45'41"N 117°14'20"W | | |
| Add | Depth 0 fathom 5 feet (NOS) | 32°46'03.5"N 117°14'38.4"W 32°46'06.0"N 117°14'36.8"W | | |
| ★22053 | 4Ed. 7/1/98 CHART CANCELED (NGA) | N20/04 | 37481 | 7Ed. 5/27/00 LAST NM 17/04 (Plan B) Add "RESTRICTED AREA" [N2.1] bound by purple composite-line circle, radius 100 meters, centered on dangerous wreck 43°33'17.0"N 5°39'27.0"W (2(24)03 Cadiz) |
| ★22054 | 1Ed. 2/7/04 NEW CHART (NGA) | 20/04 | 42762 | 3Ed. 10/16/93 LAST NM N13/04 Delete Buoy (mooring) (See N13/04-42762) (5(391)04 St. Petersburg) |
| 22082 | 4Ed. 4/13/96 LAST NM 38/03 Delete Buoy "16" (See 17/02, 38/03-22082) | 20/04 | 43030 | 24Ed. 4/5/97 LAST NM 19/04 Add Wreck [K29] (31(1304)03 Norrkoping) |
| | Add Buoy "16" R, pillar, Fl R 5s (26/04 Bogota) | 1°49'28.0"N 78°43'20.0"W | 43080 | 4Ed. 12/28/96 LAST NM 16/04 Substitute Depth 2 meters for 18.3 meters |
| ★25400 | 2Ed. 2/7/04 NEW EDITION Add Light FR (occas) (Previously published 8/04) | 20/04 | | 20/04 |
| | Delete Submarine cable between | 11°59.3'N 61°45.6'W | | 55°32.4'N 14°46.0'E |
| | | 10°44.5'N 61°37.6'W 11°24.8'N 61°05.7'W | | |
| | | 11°00.3'N 61°44.8'W 11°45.8'N 62°18.5'W | | |
| | | (Previously published 11/04) | | |
| ★25613 | 3Ed. 2/7/04 NEW EDITION (Plan) | 20/04 | | |
| Add | Chartlet, depicting changes in hydrography, topography and aids to navigation, from Subsection I-2 | 18°01'00.0"N 63°03'00.0"W | | |
| | (Previously published 8/04) | | | |
| Add | Visible sector 300°-096° to light | 18°00'53.0"N 63°03'34.0"W | | |
| | (Previously published 13/04) | | | |
| | (NGA) | | | |
| ★28165 | 20Ed. 3/20/04 NEW EDITION (NGA) | 20/04 | 43082 | 5Ed. 7/26/97 LAST NM 47/03 Add Submarine cable [L30.1] between |
| 37120 | 2Ed. 3/22/97 LAST NM 12/04 Delete Dashed-line area and legend "Spoil Area" in vicinity | 20/04 | | 70°41'03"N 23°10'45"E 70°40'31"N 23°09'47"E |
| | | 51°26.1'N 3°02.0'E | | |
| Add | "Spoil Area" [N62.1] bound by dashed-line circle, radius 0.8 mile, centered | 51°27.3'N 3°02.0'E | | |
| | (23(170)03 Oostende) | | | |
| 37129 | 6Ed. 5/31/97 LAST NM 7/04 Delete Dashed-line area "Dumping Ground" in vicinity | 20/04 | | |
| | | 51°26'08.0"N 3°01'00.0"E | | |
| | (23(170)03 Oostende) | | | |
| 37244 | 11Ed. 2/1/97 LAST NM 7/04 Delete Dashed-line area "Spoil Ground" in vicinity | 20/04 | 43126 | 4Ed. 3/16/96 LAST NM 7/04 Substitute Depth 11.5 meters for 13 meters Depth 5.5 meters for 6.6 meters |
| | | 51°26.1'N 3°02.0'E | | 69°25'35"N 17°04'42"E 69°25'33"N 17°04'12"E |
| Add | "Spoil Ground" area [N62.1] bound by dashed-line circle, radius 0.8 mile, centered | 51°27.3'N 3°02.0'E | | |
| | (23(170)03 Oostende) | | | |
| 37248 | 18Ed. 2/14/98 LAST NM 12/04 Delete Dashed-line area "Dumping Ground" in vicinity | 20/04 | 43144 | 4Ed. 4/19/97 LAST NM 43/03 Substitute Depth 7 meters for 9 meters Depth 10 meters for 15 meters Depth 13 meters for 24 meters |
| | | 51°26'06.0"N 3°02'00.0"E | | 68°11.9'N 15°44.2'E 68°11.2'N 15°50.2'E 68°10.8'N 15°46.8'E |
| Change | Characteristic of buoy "MOW 4" to Fl(4) Y 20s | 51°25'06.0"N 3°17'54.6"E | Add | Depth 6.4 meters |
| | | | | (4(164), 5(219, 220)04 Stavanger) |
| 43145 | 4Ed. 5/17/97 LAST NM 12/03 Substitute Depth 7 meters for 9 meters | 20/04 | | |
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(continued on next page)

SECTION I

NM 20/04

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| 43145 | (Continued) | | | | |
| | Depth 4 meters for 6 meters | 68°10'30"N 15°35'51"E | | | 20/04 |
| | Depth 4 meters for 7 meters | 68°11'13"N 15°50'43"E | | | |
| | Depth 5.6 meters for 15 meters | 68°11'12"N 15°50'20"E | | | |
| | Depth 11 meters for 19 meters | 68°11'04"N 15°50'39"E | | | |
| | Depth 13 meters for 24 meters | 68°10'48"N 15°46'51"E | | | |
| | Depth 8 meters for 24 meters | 68°11'48"N 15°44'57"E | | | |
| Add | Depth 12 meters enclosed by depth contour (20-meter) | 68°11'06"N 15°40'36"E | | | |
| | Depth 8 meters enclosed by depth contour (10-meter) | 68°10'22"N 15°35'53"E | | | |
| | Depth 8 meters enclosed by depth contour 10-meter) | 68°10'35"N 15°36'23"E | | | |
| | Depth 9.6 meters enclosed by depth contour (10-meter) | 68°10'55"N 15°50'27"E | | | |
| | Depth 6.5 meters enclosed by depth contour (10-meter) | 68°10'59"N 15°49'53"E | | | |
| | Depth 10 meters | 68°10'50"N 15°47'25"E | | | |
| | Depth 14 meters | 68°11'06"N 15°47'10"E | | | |
| | Depth 6.4 meters | 68°10'41"N 15°47'48"E | | | |
| | Depth 8 meters | 68°11'40"N 15°46'14"E | | | |
| | Depth 8 meters | 68°11'51"N 15°45'53"E | | | |
| (4(164), 5(217, 219, 220)04 Stavanger) | | | | | |
| 43150 | 2Ed. 9/29/90 LAST NM N41/03 | N20/04 | | | |
| Substitute | Depth 3½ fathoms for 4¾ fathoms | 68°11.9'N 15°44.4"E | | | |
| | Depth 4 fathoms for 4¾ fathoms | 68°07.8'N 15°46.7"E | | | |
| | Depth 7 fathoms for 13 fathoms | 68°10.8'N 15°47.1"E | | | |
| Add | Depth 3 fathoms | 67°39.3'N 15°01.1'E | | | |
| | Depth 3½ fathoms | 67°38.2'N 14°59.6'E | | | |
| | Depth 4½ fathoms | 68°06.1'N 15°41.7'E | | | |
| | Depth 10 fathoms | 67°08.8'N 13°43.9'E | | | |
| | Depth 9 fathoms | 67°08.1'N 13°44.4"E | | | |
| (4(162), 164), 5(216, 218, 219)04 Stavanger) | | | | | |
| 43160 | 6Ed. 3/15/97 LAST NM 41/03 | 20/04 | | | |
| Substitute | Depth 13 meters for 24 meters | 68°10.8'N 15°47.1"E | | | |
| Add | Depth 5.9 meters enclosed by depth contour (10-meter) | 67°39.3'N 15°00.6"E | | | |
| | Depth 7 meters enclosed by depth contour (10-meter) | 67°38.2'N 14°59.6"E | | | |
| | Depth 6.4 meters | 68°10.6'N 15°47.8"E | | | |
| (4(164), 5(216)04 Stavanger) | | | | | |
| 43164 | 3Ed. 11/23/96 LAST NM 34/03 | 20/04 | | | |
| Substitute | Depth 7 meters Rk for 9 meters Rk | 68°11'55"N 15°44'13"E | | | |
| | Depth 7 meters Rk for 8 meters Rk | 68°07'45"N 15°46'36"E | | | |
| | Depth 4 meters for 6 meters | 68°10'30"N 15°35'51"E | | | |
| | Depth 10 meters for 15 meters | 68°11'09"N 15°50'24"E | | | |
| | Depth 11 meters for 19 meters | 68°11'01"N 15°50'37"E | | | |
| | Depth 8.9 meters for 15 meters | 68°09'50"N 15°51'42"E | | | |
| | Depth 13 meters for 24 meters | 68°10'48"N 15°46'51"E | | | |
| | Depth 8 meters for 24 meters | 68°11'48"N 15°44'57"E | | | |
| Add | Depth 12 meters enclosed by depth contour (20-meter) | 68°11'06"N 15°40'36"E | | | |
| | Depth 9 meters enclosed by depth contour (10-meter) | 68°06'05"N 15°41'33"E | | | |
| | Depth 6 meters enclosed by depth contour 10-meter) | 68°07'46"N 15°46'47"E | | | |
| | Depth 8 meters enclosed by depth contour (10-meter) | 68°10'22"N 15°35'53"E | | | |
| | Depth 8 meters enclosed by depth contour (10-meter) | 68°10'35"N 15°36'23"E | | | |
| | Depth 5.6 meters enclosed by depth contour (10-meter) | 68°11'01"N 15°50'11"E | | | |
| | Depth 9.6 meters enclosed by depth contour (10-meter) | 68°10'55"N 15°50'27"E | | | |
| | Depth 6.5 meters enclosed by depth contour (10-meter) | 68°10'59"N 15°49'53"E | | | |
| | Depth 7 meters | 68°07'13"N 15°47'43"E | | | |
| | Depth 2.6 meters | 67°57'18"N 15°24'35"E | | | |
| | Depth 10 meters | 68°10'50"N 15°47'25"E | | | |
| | Depth 14 meters | 68°11'06"N 15°47'10"E | | | |
| | Depth 6.4 meters | 68°10'41"N 15°47'48"E | | | |
| | Depth 8 meters | 68°11'40"N 15°46'14"E | | | |
| | Depth 8 meters | 68°11'51"N 15°45'53"E | | | |
| (4(163, 164), 5(217-220)04 Stavanger) | | | | | |
| 43167 | 5Ed. 11/2/96 LAST NM 44/03 | 20/04 | | | |
| Delete | Depth 17 meters | 67°09'46"N 13°45'49"E | | | |
| Substitute | Depth 3 meters for 19 meters | 67°10'11"N 13°45'16"E | | | |
| | Depth 9 meters Rk for 10 meters Rk | 67°09'38"N 13°42'09"E | | | |
| Add | Depth 2.4 meters | 67°09'20"N 13°46'33"E | | | |
| | Depth 15 meters | 67°09'05"N 13°47'36"E | | | |
| | Depth 18 meters | 67°10'37"N 13°49'05"E | | | |
| | Depth 5 meters | 67°10'09"N 13°47'01"E | | | |
| | Depth 10 meters | 67°10'04"N 13°48'45"E | | | |
| | Depth 9 meters | 67°09'58"N 13°47'17"E | | | |
| | Depth 9 meters | 67°09'36"N 13°47'20"E | | | |
| | Depth 4.8 meters | 67°09'45"N 13°45'55"E | | | |
| | Depth 9 meters | 67°09'37"N 13°45'38"E | | | |
| | Depth 11 meters | 67°10'19"N 13°46'17"E | | | |
| | Depth 2 meters | 67°09'37"N 13°44'45"E | | | |
| | Depth 2 meters | 67°10'03"N 13°44'31"E | | | |
| (4(162)04 Stavanger) | | | | | |
| 43283 | 6Ed. 8/17/96 LAST NM 1/04 | 20/04 | | | |
| Add | Depth 4.5 meters | 62°06'29"N 5°06'28"E | | | |
| | Depth 6 meters | 62°19'35"N 5°16'41"E | | | |
| (5(215)04 Stavanger) | | | | | |
| 43284 | 4Ed. 12/18/93 LAST NM 1/04 (Plan A) | 20/04 | | | |
| Substitute | Depth 10 meters for 7.5 meters | 61°52'28"N 5°12'59"E | | | |
| (6(252)04 Stavanger) | | | | | |
| 43320 | 5Ed. 3/22/97 LAST NM 17/04 | 20/04 | | | |
| Add | Depth 8.7 meters enclosed by depth contour (10-meter) | 59°44.0'N 5°42.5'E | | | |
| | Depth 11 meters | 59°46.9'N 5°40.7'E | | | |
| (5(213)04 Stavanger) | | | | | |
| 43360 | 21Ed. 1/4/97 LAST NM 17/04 | 20/04 | | | |
| Change | Light to F Fl 10s 10M | 58°59.8'N 10°46.9"E | | | |
| Add | Rock awash [K12] | 58°29.9'N 11°14.9"E | | | |
| (5(1705)04 Norrkoping; 10(73)04 Kobenhavn) | | | | | |
| 43375 | 7Ed. 8/22/92 LAST NM 11/04 | 20/04 | | | |
| Add | Rock awash [K12] | 58°29'56"N 11°14'55"E | | | |
| (5(1705)04 Norrkoping) | | | | | |
| 44015 | 8Ed. 7/22/95 LAST NM 19/04 | 20/04 | | | |
| Add | Depth 42 meters Wk | 55°51.1'N 16°42.2'E | | | |
| (7(1715)04 Norrkoping) | | | | | |
| 44030 | 7Ed. 6/14/97 LAST NM 13/04 | 20/04 | | | |
| Change | Light to Fl(4) WR 14M | 60°43.7'N 17°33.5'E | | | |
| (50(1595)03 Norrkoping) | | | | | |
| 44041 | 7Ed. 4/3/93 LAST NM 13/04 | 20/04 | | | |
| Change | Sectors of light between 237° and 003° to red 237°-310°, green-003° | 57°30'29"N 11°44'40"E | | | |
| (50(1583)03 Norrkoping) | | | | | |
| 44042 | 7Ed. 8/22/92 LAST NM 15/04 | 20/04 | | | |
| Relocate | Buoy from 57°41'04.5"N 11°50'30.0"E to 57°41'04.3"N 11°50'31.4"E | | | | |
| | Buoy from 57°40'58.0"N 11°50'36.1"E to 57°40'58.5"N 11°50'35.0"E | | | | |
| (50(1586)03 Norrkoping) | | | | | |
| 44105 | 2Ed. 1/29/94 LAST NM 3/04 | 20/04 | | | |
| Change | Period of light to 12s Visibility (range) of light to 9-5M | 56°00'49"N 14°50'46"E | | | |
| (50(1589, 1590)03 Norrkoping) | | 56°01'06"N 14°50'04"E | | | |
| 44120 | 7Ed. 2/22/97 LAST NM 17/04 | 20/04 | | | |
| Change | Period of light "Hano" to 12s | 56°00.8'N 14°50.8'E | | | |
| (4(163, 164), 5(217-220)04 Stavanger) | | | | | |

(continued on next page)

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| 44120 | (Continued) Visibility (range) of light "Bonsacken" to 9-5M 56°01.1'N 14°50.1'E | Solid line and legend "5.5m" between 59°48'20"N 23°01'55"E 59°48'12"N 23°07'30"E |
| Add | Wreck [K29] (31(1304), 50(1589, 1590)03 Norrkoping) | 55°32.4'N 14°46.0'E |
| 44140 | 8Ed. 7/20/96 LAST NM 9/04 Add Depth 42 meters Wk (7(1715)04 Norrkoping) | 20/04 55°51.1'N 16°42.2'E |
| 44161 | 2Ed. 6/8/96 LAST NM 16/04 (Panel B) Delete Anchorage symbol | 20/04 56°39'44"N 16°23'08"E |
| | Solid line (recommended track) between 56°39'25"N 16°22'43"E 56°39'40"N 16°22'50"E | |
| Delete | (Plan Kalmar) Anchorage symbol | 56°39'43.8"N 16°23'07.8"E |
| | Solid line (recommended track) between 56°39'24.6"N 16°22'43.4"E 56°39'40.0"N 16°22'50.4"E (50(1571)03 Norrkoping) | |
| 44200 | 9Ed. 7/20/96 LAST NM 12/04 Change Light to Fl(4) WR 12s 29m 14M with sectors red 150°-204°, white-150° (50(1595)03 Norrkoping) | 20/04 60°43.7'N 17°33.5'E |
| 44204 | 1Ed. 12/27/86 LAST NM 9/04 Change Light to Fl(4) WR 29m 14M with sectors red 150°-204°, white-150° (50(1595)03 Norrkoping) | 20/04 60°43'43"N 17°33'28"E |
| 44205 | 2Ed. 4/9/94 LAST NM 11/04 Change Light to Fl(4) WR 29m 14M with sectors red 150°-204°, white-150° (50(1595)03 Norrkoping) | 20/04 60°43'43.2"N 17°33'27.6"E |
| 44220 | 5Ed. 8/23/97 LAST NM 11/04 Add Position circle "Mast (R Lt)" (50(1585)03 Norrkoping) | 20/04 61°52.9'N 17°20.9'E |
| 44240 | 8Ed. 7/19/97 LAST NM 3/04 Add Depth 4.1 meters (37(1388)03 Norrkoping) | 20/04 63°36.0'N 20°03.2'E |
| 44282 | 1Ed. 2/22/92 LAST NM 14/04 (Panel A) Add Depth 4.1 meters enclosed by depth contour (6-meter) (37(1388)03 Norrkoping) | 20/04 63°36'01"N 20°03'11"E |
| 44313 | 1Ed. 4/11/87 LAST NM 19/04 Add Rock awash [K12] | 20/04 61°08.2'N 21°26.1'E |
| | (Plan) Add Rock awash [K12] (8(154)03 Helsinki) | 61°08'10"N 21°26'08"E |
| 44320 | 4Ed. 9/21/96 LAST NM 19/04 Add Depth 1.2 meters (13-14(270)03 Helsinki) | 20/04 60°16.9'N 21°57.9'E |
| 44321 | 6Ed. 9/3/94 LAST NM 19/04 Delete Range lights (2) and range line between Light and sector limits Light and sector limits Range line between | 20/04 59°48'21"N 23°03'48"E 59°48'18"N 23°04'48"E 59°48'24"N 23°03'54"E 59°48'48"N 23°01'57"E 59°49'24"N 22°58'24"E 59°48'30"N 23°03'30"E |
| | Solid line and legend "3m" between 59°48'19"N 23°02'51"E 59°48'38"N 23°04'10"E | |
| | Buoy | 59°48'26"N 23°04'18"E |
| | Buoy | 59°48'10"N 23°06'46"E |
| | Buoy | 59°48'12"N 23°06'50"E |
| | Range beacons (2) and range line between 59°48'50"N 23°04'55"E 59°48'38"N 23°04'00"E | |
| | Add | Solid line (recommended track) with maximum authorized draft 5.5 meters [M6] joining 59°48'31"N 23°01'15"E 59°48'31"N 23°01'23"E 59°48'29"N 23°01'29"E 59°47'55"N 23°03'10"E 59°47'52"N 23°03'19"E 59°47'52"N 23°03'27"E |
| | | Solid line (recommended track) with maximum authorized draft 3 meters [M6] joining 59°48'31"N 23°01'23"E 59°48'34"N 23°02'43"E 59°48'38"N 23°04'10"E |
| | Buoy BY, spar, double cone topmark points upward | 59°48'29"N 23°01'14"E |
| | Buoy YBY, spar, double cone topmark points together | 59°48'29"N 23°01'31"E |
| | Buoy BYB, spar, double cone topmark bases together | 59°48'09"N 23°02'16"E |
| | (Plan) Delete | Range line between (See 32/02-44321) (30(737)01 Helsinki) |
| 44341 | 7Ed. 10/17/98 LAST NM 19/04 Substitute Depth 4.9 meters enclosed by depth contour (6-meter) for 17 meters (17(337)02 Helsinki) | 20/04 59°59'23"N 24°53'14"E |
| 44361 | 6Ed. 7/13/96 LAST NM 17/04 Delete Danger circle "Obstn" | 20/04 60°01'58"N 29°23'40"E |
| | Add Depth 3 meters | 59°58'08"N 30°01'58"E |
| | Add Depth 3.1 meters | 59°58'05"N 30°00'55"E |
| | (Plan) Delete | Buoy "24" 59°52'55.5"N 30°11'17.0"E Buoy (mooring) 59°52'32.5"N 30°11'58.5"E Buoy (mooring) 59°53'01.0"N 30°12'36.0"E |
| | Relocate | Buoy "5" from 59°53'10.5"N 30°13'01.5"E to 59°53'12.3"N 30°13'01.0"E Buoy "8" from 59°53'12.0"N 30°13'06.5"E to 59°53'14.8"N 30°13'07.8"E |
| | Change | Buoy to "1K" G, conical, cone topmark, 59°54'48.5"N 30°13'33.9"E Fl(2) 5s 59°54'17.6"N 30°13'06.3"E Buoy to "3K" G, conical, cone topmark, 59°54'42.5"N 30°13'24.9"E Fl(2) 5s 59°54'34.5"N 30°13'17.9"E Buoy to "5K" G, conical, cone topmark, 59°54'34.5"N 30°13'17.9"E |
| | Add | Light Fl(2) 5s to buoy "19" 59°54'50.5"N 30°13'34.0"E |
| | | Buoy (mooring) [Q40] with legend "(2 buoys)" 59°53'17.6"N 30°13'06.3"E |
| | | Buoy (mooring) [Q40] with legend "(2 buoys)" 59°53'27.8"N 30°13'16.4"E |
| | | Buoy (mooring) [Q40] 59°53'26.5"N 30°13'22.4"E (3(153, 154), 4(291-293)04 St. Petersburg) |
| 44367 | 2Ed. 2/5/94 LAST NM 13/04 Add Depth 0.5 meter enclosed by depth contour (1-meter) (17(338)02 Helsinki) | 20/04 60°26'07"N 27°04'25"E |

SECTION I

NM 20/04

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| 44444 | 6Ed. 5/15/99 LAST NM 13/04 (Plan B) | 20/04 | Note: Area extends beyond plan border (3/17)04 Cadiz; Spn 479-A |
| Add | Light Oc R 3s 3M | 55°41'24.9"N 21°07'58.4"E | |
| | Solid line (pier) [F14] between (4/295)04 St. Petersburg | 55°41'24.9"N 21°08'02.5"E 55°41'24.9"N 21°07'58.4"E | |
| 51081 | 10Ed. 10/5/96 LAST NM 19/04 Change Period of light to 6s (17/292)03 Lisboa | 20/04 36°58.9'N 25°02.9'W | |
| 51621 | 9Ed. 6/15/96 LAST NM 20/03 Add Dangerous wreck (Mast) [K25] (PA) | 20/04 8°30'54.0"N 13°17'00.0"W | |
| | (Plan) Dangerous wreck (Mast) [K25] (PA) (37/3944)02 Taunton | 8°30'54.0"N 13°17'00.0"W | |
| 52031 | 1Ed. 2/1/92 LAST NM 13/04 Delete R Bn at light (18/309)03 Cadiz | 20/04 38°44.0'N 0°14.0"E | |
| 52040 | 17Ed. 9/27/86 LAST NM 13/04 Change Characteristic of light to Fl R | 20/04 35°17.1'N 2°54.9"W | |
| Add | Stranded wreck [K24] (52/746)03 Cadiz; Spn LL | 35°10.9'N 2°26.3'W | |
| 52047 | 11Ed. 11/13/99 LAST NM 34/03 (Plan C) | 20/04 | |
| Change | Characteristic of light to Fl R | 35°17'06"N 2°55'03"W | Dashed line (dredged area limit) between 46°30'32"N 30°45'38"E 46°30'26"N 30°44'13"E |
| (Plan D) | Characteristic of light to Fl R Period of light to 12s Light to Fl(4)G 11s 6m 1M Light to Fl(4)R 11s 8m 1M (Spn LL) | 35°17'03.9"N 2°55'04.0"W 35°17'22.5"N 2°55'57.8"W 35°17'28.3"N 2°56'02.8"W 35°17'28.2"N 2°56'05.0"W | Dashed line (dredged area limit) between 46°30'29"N 30°45'36"E 46°30'17"N 30°44'21"E |
| 52080 | 14Ed. 2/8/97 LAST NM 7/04 Delete R Bn at light (18/309)03 Cadiz | 20/04 38°44.0'N 0°13.8"E | Legend "9.5m (1991) Second Approach Channel" 46°30'36"N 30°45'08"E |
| 52088 | 3Ed. 10/11/03 LAST NM 10/04 Delete R Bn at light (18/309)03 Cadiz | 20/04 38°44'00"N 0°13'50"E | Legend "Dredged 9.3m (1991)" 46°30'38"N 30°44'34"E Legend "CAUTION NO 3" 46°30'28"N 30°45'55"E |
| 52142 | 3Ed. 1/10/04 LAST NM 14/04 Add Anchorage area "A" [N12.2] bound by purple dashed line joining | 20/04 38°54'02"N 1°25'28"E 38°54'02"N 1°26'29"E 38°53'26"N 1°26'29"E 38°53'26"N 1°25'28"E | Change Caution No. 3 of CAUTIONS note to "3. Reserved." 46°26'26"N 30°41'05"E |
| | Anchorage area "B HAZARDOUS CARGO" [N12.2] bound by purple dashed line joining | 38°53'19"N 1°28'26"E 38°53'19"N 1°27'14"E 38°51'56"N 1°27'14"E 38°51'56"N 1°28'26"E | Add Dashed line (dredged area limit) between 46°30'26"N 30°44'13"E 46°30'17"N 30°44'21"E |
| Delete | (Plan) Anchor berth "W-T2" Anchor berth "W-T3" Anchor berth "W-T4" | 38°53'55.1"N 1°26'45.6"E 38°53'41.1"N 1°26'24.8"E 38°53'36.1"N 1°25'59.4"E | Delete Range lights (2), range line and legend "Lights...286'36'" between 46°30'48.2"N 30°44'10.4"E 46°30'30.3"N 30°45'37.0"E |
| Add | Anchor berth "W-T1" [N11.1] | 38°54'16.8"N 1°26'43.8"E | Dashed line (dredged area limit) joining 46°30'31.9"N 30°45'38.4"E 46°30'40.2"N 30°44'56.8"E 46°30'37.7"N 30°44'55.8"E 46°30'28.9"N 30°45'37.0"E |
| | Anchorage area "A" [N12.2] bound by purple dashed line joining | 38°53'25.8"N 1°25'54.4"E 38°53'25.8"N 1°26'29.4"E 38°54'01.8"N 1°26'29.4"E 38°54'01.8"N 1°25'54.4"E | Legend "Second Approach Channel Dredged to 9.5m (1991)" 46°30'34.5"N 30°45'17.0"E |
| | Note: Area extends beyond plan border | | Dashed line (dredged area limit) joining 46°30'26.0"N 30°44'14.1"E 46°30'47.2"N 30°44'22.3"E 46°30'48.2"N 30°44'32.0"E 46°30'40.2"N 30°44'56.8"E |
| | Anchorage area "B HAZARDOUS CARGO" [N12.2] bound by purple dashed line joining | 38°52'54.0"N 1°27'13.8"E 38°53'18.6"N 1°27'13.8"E 38°53'18.6"N 1°27'57.4"E | Dashed line (dredged area limit) joining 46°30'16.8"N 30°44'22.4"E 46°30'34.3"N 30°44'27.9"E 46°30'37.7"N 30°44'55.8"E |
| | | | Legend "Dredged to 9.3m (1991)" 46°30'40.0"N 30°44'31.0"E |
| | | | Legend "CAUTION NO 3" (2/63)04 St. Petersburg |
| | | | 46°30'31.0"N 30°45'44.0"E |

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| 55085 | 9Ed. 9/21/96 LAST NM 17/04 Delete Range lights (2) and range line between (2(63)04 St. Petersburg) | 20/04 46°30.8'N 30°44.2'E 46°30.6'N 30°45.6'E | 95140 15Ed. 10/7/95 LAST NM 19/04 Delete Dangerous wreck (Supersedes 51/03-95140) Substitute Depth 14.9 meters for 12.5 meters Add Depth 19.2 meters Wk [K26] (29(505), 49(909)03, 13(179)04 Inchon) | 20/04 34°15'54"N 127°37'12"E 35°04'56"N 129°06'29"E 35°02'23"N 128°39'21"E |
| 55128 | 2Ed. 3/18/00 LAST NM 13/04 Change Buoy "Measuring instruments" to Y, pillar, Fl Y 5s (See 11/04-55128) (2(69)04 St. Petersburg) | 20/04 44°39'36.7"N 37°51'16.2"E | 95141 8Ed. 8/5/95 LAST NM 4/04 Delete Dangerous wreck (Supersedes 51/03-95141) (49(909)03 Inchon) | 20/04 34°15'54"N 127°37'12"E |
| 55129 | 7Ed. 6/15/96 LAST NM 11/04 Change Buoy to Y, pillar, Fl Y 5s Buoy to Y, pillar, Fl Y 5s (See 11/04-55129) (2(69)04 St. Petersburg) | 20/04 44°38'03"N 37°40'02"E 44°39'37"N 37°51'16"E | 95146 14Ed. 5/14/94 LAST NM 48/03 Delete Depth 19.2 meters Wk (29(505)03 Inchon) | 20/04 35°02'34"N 128°39'13"E 35°02'23"N 128°39'21"E |
| 55140 | 2Ed. 9/28/96 LAST NM 17/04 Add Buoy Y, pillar, "X" topmark (See 34/03-55140) (2(67)04 St. Petersburg) | 20/04 44°57.5'N 35°28.4'E | 95147 13Ed. 5/14/94 LAST NM 36/03 Delete Depth 19.2 meters Wk (29(505)03 Inchon) | 20/04 35°02'34.0"N 128°39'13.0"E |
| 55180 | 2Ed. 10/12/96 LAST NM 11/04 Add Dangerous wreck (Masts) [K25] Buoy Y, pillar, "X" topmark (See 39/03-55180) (2(67, 70)04 St. Petersburg) | 20/04 45°08.3'N 36°35.2'E 44°57.5'N 35°28.4'E | 95149 9Ed. 6/12/99 LAST NM 16/04 Substitute Depth 14.9 meters for 13 meters (13(179)04 Inchon) | 20/04 35°04'56"N 129°06'29"E |
| 55200 | 2Ed. 8/17/96 LAST NM 17/04 Add Buoy YB, pillar, double cone topmark points downward, Q(6) + L Fl 15s Dangerous wreck (Masts) [K25] (2(68, 70)04 St. Petersburg) | 20/04 45°00.3'N 36°10.3'E 45°08.3'N 36°35.2'E | 95151 17Ed. 11/28/98 LAST NM 19/04 Substitute Depth 14.9 meters for 13 meters (7(93), 13(179)04 Inchon) | 20/04 35°04'55.6"N 129°06'29.3"E |
| 57170 | 1Ed. 9/16/89 LAST NM 52/03 Add Dangerous wreck [K28] (49(4788)00 Taunton) | 20/04 1°49.2'N 9°44.1'E | 95152 5Ed. 7/23/94 LAST NM 35/03 Add Depth 1.6 meters Wk [K26] (See 26/98-95152) (7(93)04 Inchon) | 20/04 35°05'42.4"N 129°02'17.4"E |
| 61000 | 20Ed. 10/7/95 LAST NM 31/03 Delete "Area to be avoided" centered (31(2878)99 Taunton) | 20/04 35°02.0'S 20°51.5'E | 95160 13Ed. 8/19/95 LAST NM 19/04 Delete Dangerous wreck (13(179)04 Inchon) | 20/04 35°26.3'N 129°26.4'E |
| 61040 | 6Ed. 9/9/95 LAST NM 31/03 Delete "AREA TO BE AVOIDED" centered Substitute Light Fl(3) 15s 12m 11M for beacon "(10 m)" (31(2878)99 Taunton, 3(34)04 Cape Town) | 20/04 35°02.0'S 20°51.5'E 34°41.4'S 20°14.1'E | 95161 16Ed. 9/8/01 LAST NM 37/03 Delete Dangerous wreck (13(179)04 Inchon) | 20/04 35°26'17.3"N 129°26'25.0"E |
| 94028 | 7Ed. 9/16/95 LAST NM 19/04 Delete Dangerous wreck Dangerous wreck (Supersedes 51/03-94028) (49(909)03, 13(179)04 Inchon) | 20/04 35°26.3'N 129°26.4'E 34°15.9'N 127°37.2'E | 95162 2Ed. 2/12/94 LAST NM 35/03 Add "Anchoring Prohibited" area [N20] bound by purple composite line joining (7(91)04 Inchon) | 20/04 37°32'36.0"N 129°06'50.7"E 37°32'38.7"N 129°06'50.7"E 37°32'38.7"N 129°06'54.6"E 37°32'36.0"N 129°06'54.6"E |
| 95067 | 13Ed. 8/29/98 LAST NM 17/04 Add Depth 3.1 meters (8(114)04 Inchon) | 20/04 37°26'48.8"N 126°36'39.1"E | 96000 5Ed. 7/22/95 LAST NM 17/04 Delete R Bn at light (36(5870)03 St. Petersburg) | 20/04 54°44'N 162°07'E |
| 95080 | 13Ed. 6/24/95 LAST NM 19/04 Delete Dangerous wreck (See 17/04-95080) (13(176)04 Inchon) | 20/04 34°32'10"N 126°07'50"E | 96028 5Ed. 8/13/94 LAST NM 51/03 Delete R Bn (36(5870)03 St. Petersburg) | 20/04 54°44.1'N 162°07.3'E |
| 95100 | 12Ed. 3/2/96 LAST NM 17/04 Delete Dangerous wreck (See 17/04-95100) (13(176)04 Inchon) | 20/04 34°32'10"N 126°07'50"E | 96032 3Ed. 8/5/95 LAST NM 51/03 Delete R Bn (36(5870)03 St. Petersburg) | 20/04 54°45.0'N 162°06.2'E |
| 95101 | 8Ed. 7/8/95 LAST NM 17/04 Delete Dangerous wreck (See 17/04-95101) (13(176)04 Inchon) | 20/04 34°32'10"N 126°07'50"E | 96041 11Ed. 12/4/93 LAST NM 11/04 Change Characteristic of light to Oc R 3s (Supersedes 39/03-96041) (48(7948)03 St. Petersburg) | 20/04 43°05'04"N 131°51'15"E |

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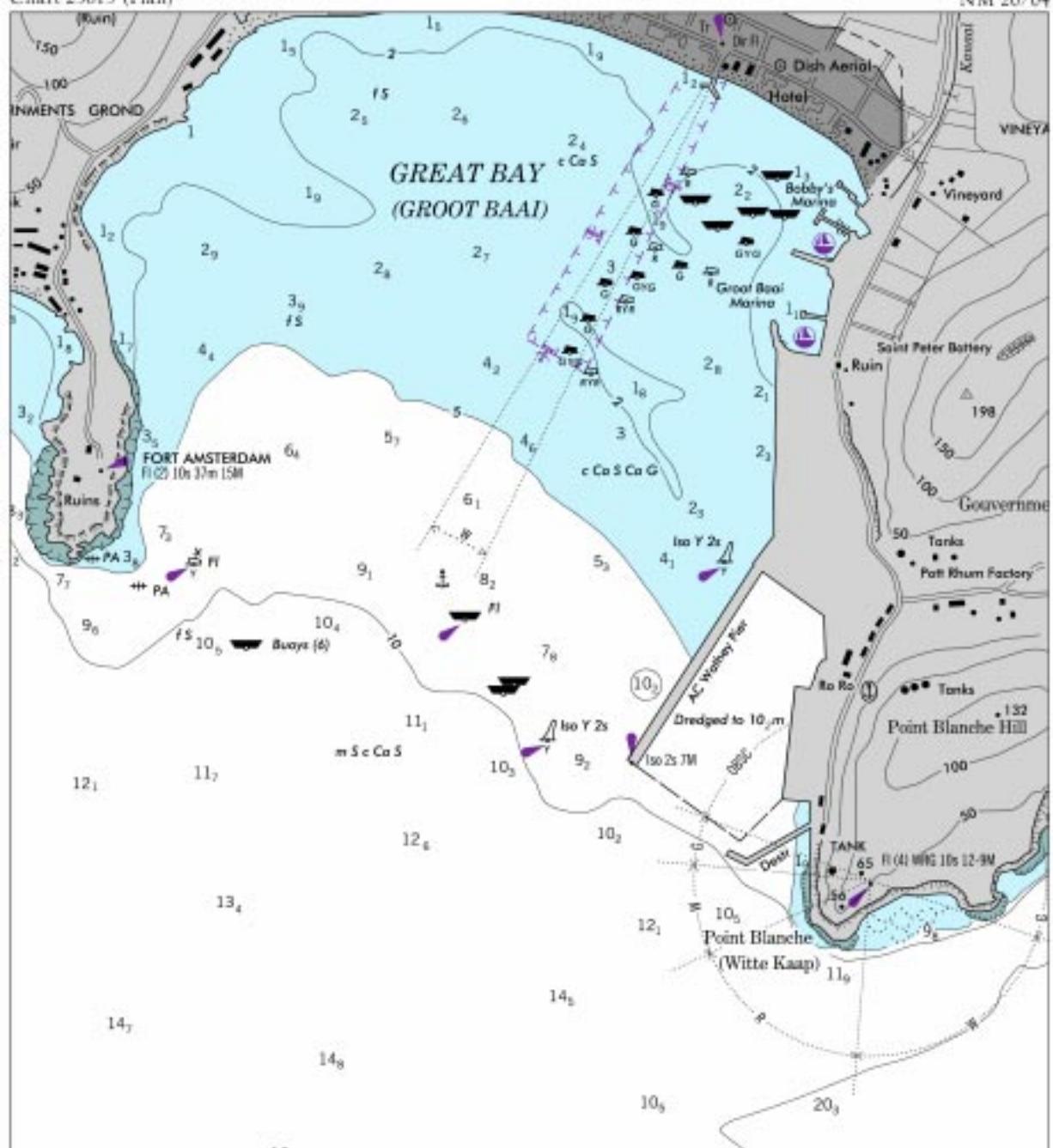
| | | | |
|--------------|--|--|--|
| 96042 | 11Ed. 6/19/82 LAST NM 11/04 Change Characteristic of light to Oc R 3s (Supersedes 39/03-96042) | 20/04 43°05'04.0"N 131°51'15.0"E | |
| Add | Buoy (mooring) [Q40] (46(7604), 48(7948)03 St. Petersburg) | 43°06'26.8"N 131°55'11.8"E | |
| 96044 | 10Ed. 7/3/93 LAST NM 7/04 Delete Buoy (Supersedes 23/03-96044) | 20/04 42°45'18.8"N 133°03'56.0"E | |
| Add | Depth 9.4 meters Depth 7.4 meters Depth 10.2 meters (46(7606)03 St. Petersburg) | 42°45'22.5"N 133°03'51.8"E 42°45'21.7"N 133°03'57.6"E 42°45'20.6"N 133°03'55.6"E | |
| 96441 | 1Ed. 5/27/57 LAST NM 50/03 (Plan A) Add Quarantine anchorage symbol [N12.8] "13" (48(7944)03 St. Petersburg) | 20/04 59°32'00"N 150°30'00"E | |
| 96520 | 7Ed. 7/22/95 LAST NM 8/04 Delete R Bn (36(5870)03 St. Petersburg) | 20/04 54°45.0'N 162°06.6'E | |
| 97021 | 7Ed. 6/30/90 LAST NM 19/04 Delete Dangerous wreck (13(179)04 Inchon) | 20/04 35°26.3'N 129°26.4'E | |
| 97155 | 14Ed. 12/27/97 LAST NM 12/04 Add Chartlet, depicting changes in hydrography, topography and aids to navigation, from Subsection I-2 (30(1141), 34(1310)03 Tokyo) | 20/04 35°34'24.0"N 139°48'18.0"E | |

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Chart 25613 (Plan)

NM 20/04

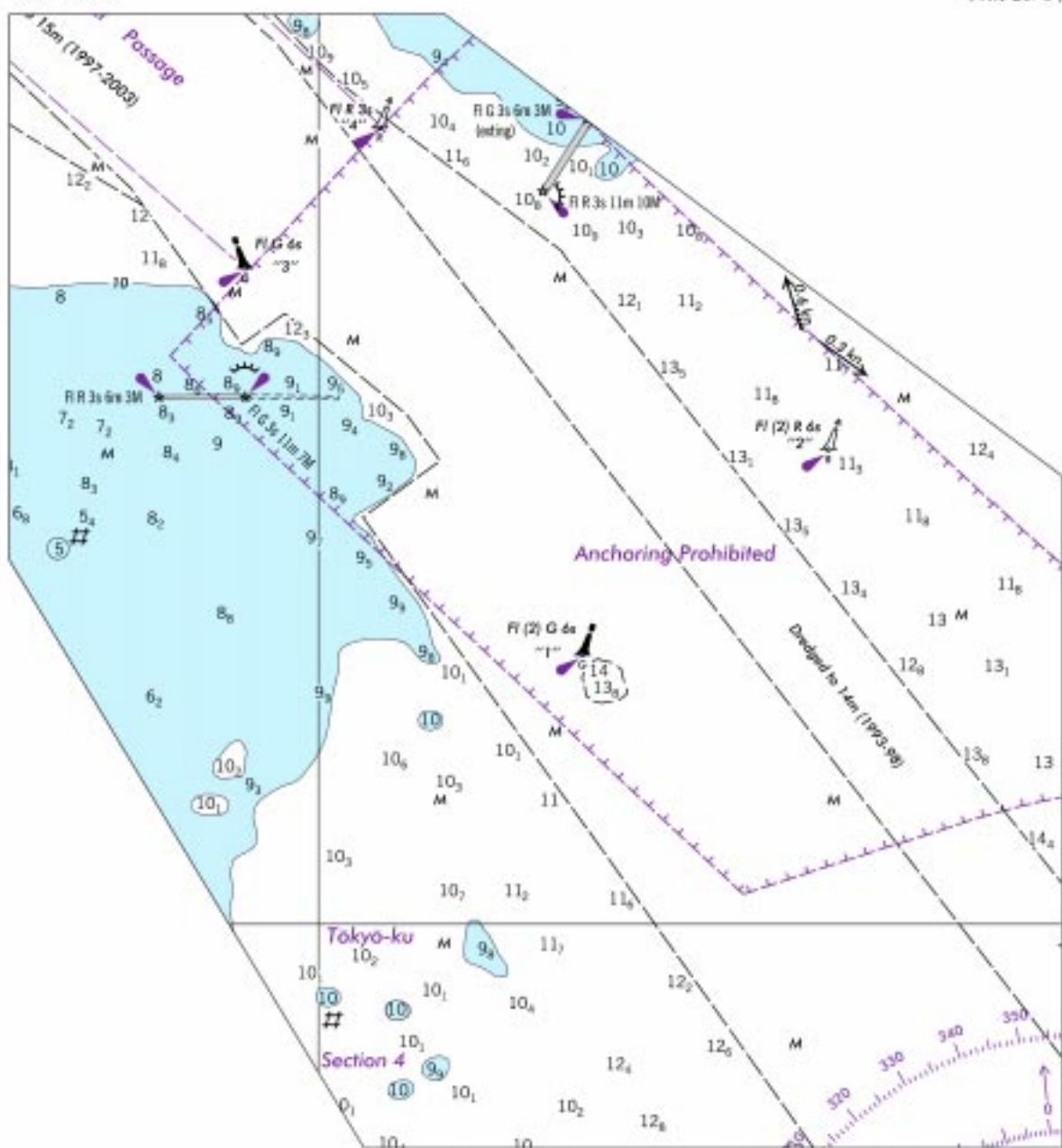


SECTION I

NM 20/04

Chart 97155

NM 20/04



SECTION I

NM 20/04

Chart 11376

NM 20/04

| MOBILE BAY AND RIVER CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2004 | | | | | | |
|---|----------------------|------------------------|-----------------------|----------------|--------------------|---------------------------------------|
| 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 (AUT. MILES) DEPTH (FEET) MLLW |
| ENTRANCE CHANNEL | 42.2 | 47.0 | 44.2 | 7-03 | 600 | 7.0 47 |
| MOBILE BAY: | | | | | | |
| LOWER REACH (TO LIGHT 50) | 42.5 | 45.0 | 43.3 | 1-04 | 400 | 11.8 45 |
| UPPER REACH | 41.1 | 44.2 | 40.3 | 1-04 | 400 | 13.4 40-45 |
| MOBILE RIVER: | | | | | | |
| PINTO ISLAND REACH | 32.9 | 39.6 | 32.6 | 11-03 | 700-800 | 0.6 40 |
| MOBILE CHANNEL | 33.1 | 39.1 | 37.6 | 11-03 | 600 | 1.5 40 |
| MOBILE TURNING BASIN | 39.3 | 39.9 | 36.5 | 11-03 | 200-675 | 0.4 40 |
| BLAKELEY ISLAND REACH | 38.7 | 36.1 | 30.0 | 11-03 | 500 | 1.0 40 |
| ST. LOUIS POINT REACH | 19.7 | 24.9 | 22.6 | 12-03 | 500 | 0.2 25 |
| CHICKASAW CREEK CHANNEL | 12.7 | 19.4 | 22.6 | 12-03 | 250 | 2.7 25 |
| ARLINGTON CHANNEL | 17.3 | 18.8 | 18.4 | 9-03 | 150 | 1.4 27 |
| OCEAN TERMINAL TURNING BASIN | 17.4 | 18.4 | 11.1 | 9-03 | 600 | 0.1 27 |
| THEODORE SHIP CHANNEL: | | | | | | |
| BAY CUT | 35.2 | 37.5 | 37.1 | 9-01 | 400 | 4.5 40 |
| ANCHORAGE AREA | 40.0 | 40.0 | 39.9 | 9-01 | 300 | 0.2 40 |
| LAND CUT | 36.6 | 38.4 | A36.6 | 9-01 | 300 | 1.5 40 |
| TURNING BASIN | 37.0 | 38.0 | 34.8 | 9-01 | 1400 | 0.3 40 |
| BARGE CHANNEL | 9.5 | 10.5 | 7.9 | 1-04 | 100 | 1.1 12 |
| A. ROCK OBSTRUCTIONS REPORTED FROM BUOY "20", CONTINUING FOR APPROXIMATELY 600 FEET EASTWARD. MINIMUM DEPTH OVER ROCKS IS 38 FEET. | | | | | | |
| NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION | | | | | | |

Chart 18521

NM 20/04

| COLUMBIA RIVER CHANNEL DEPTHS ENTRANCE TO MILLER SANDS RANGE | | | | | | |
|---|----------------------|---------------------|----------------------|-----------------------|--------------------|--|
| TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MARCH 26, 2004 | | | | | PROJECT DIMENSIONS | |
| NAME OF CHANNEL | LEFT OUTSIDE QUARTER | LEFT INSIDE QUARTER | RIGHT INSIDE QUARTER | RIGHT OUTSIDE QUARTER | DATE OF SURVEY | WIDTH (FEET) LENGTH (STAT. MILES) DEPTH (FEET) CRD |
| ENTRANCE RANGE | 58 | 57 | 55 | 43 | 10-03 | 2640 3.3 48 |
| SAND ISLAND RANGE (CLATSOP SPIT) | 49 | 52 | 53 | 44 | 10-03 | 2640 2.2 48 |
| LOWER DESDEMONA SHOAL | 43 | 44 | 41 | 36 | 3-04 | 600 3.4 40 |
| UPPER DESDEMONA SHOAL | 42 | 43 | 47 | 45 | 12-03 | 600 3.6 40 |
| TANSY POINT TURN AND RANGE | 40 | 41 | 40 | 37 | 12-03 | 600 4.8 40 |
| ASTORIA RANGE | 42 | 42 | 43 | 41 | 12-03 | 600 2.7 40 |
| TONGUE POINT CHANNEL | 39 | 41 | 41 | 41 | 3-04 | 600 2.2 40 |
| HARRINGTON POINT RANGE | 39 | 41 | 41 | 36 | 11-03, 3-04 | 600 2.6 40 |
| MILLER SANDS RANGE | 41 | 43 | 41 | 36 | 11-03 | 600 2.2 40 |
| * CONTROLLING DEPTHS ROUNDED TO THE NEAREST FOOT * CONTROLLING DEPTHS IN CHANNELS ENTERING FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER FROM THE ENTRANCE TO HARRINGTON POINT AND COLUMBIA RIVER DATUM ABOVE THAT POINT. PROJECT LENGTHS ARE IN STATUTE MILES. NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION | | | | | | |

SECTION I

Chart 18523

NM 20/04

| COLUMBIA RIVER CHANNEL DEPTHS MILLER SANDS RANGE TO GULL ISLAND TURN AND CHANNEL TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MARCH 26, 2004 | | | | | | |
|--|----------------------|---------------------|----------------------|-----------------------|----------------|--|
| CONTROLLING DEPTHS FROM SEAWARD IN FEET AT COLUMBIA RIVER DATUM (CRD) * SEE FOOTNOTE | | | | | | PROJECT DIMENSIONS |
| NAME OF CHANNEL | LEFT OUTSIDE QUARTER | LEFT INSIDE QUARTER | RIGHT INSIDE QUARTER | RIGHT OUTSIDE QUARTER | DATE OF SURVEY | WIDTH (FEET) LENGTH (STAT. MILES) DEPTH CRD (FEET) |
| MILLER SANDS RANGE | 41 | 43 | 41 | 36 | 11-03 | 600 2.2 40 |
| PILLAR ROCK LOWER RANGE | 37 | 40 | 41 | 37 | 11-03 | 600 3.0 40 |
| PILLAR ROCK UPPER RANGE | 36 | 42 | 40 | 40 | 11,12-03 | 600 1.9 40 |
| WELCH ISLAND REACH | 40 | 43 | 44 | 38 | 12-03 | 600 3.2 40 |
| SKAMOKAWA CHANNEL | 28 | 41 | 42 | 37 | 2-04 | 600 3.3 40 |
| STEAMBOAT REACH | 49 | 48 | 46 | 38 | 2-04 | 600 1.4 40 |
| PUGET ISLAND RANGE AND TURN | 41 | 41 | 41 | 36 | 2-04 | 600 3.5 40 |
| WAUNA RANGE | 37 | 39 | 40 | 40 | 2-04 | 600 2.2 40 |
| DRISCOLL RANGE | 39 | 39 | 40 | 42 | 2-04 | 600 1.7 40 |
| WESTPORT TURN AND RANGE | 39 | 41 | 43 | 42 | 2-04 | 600 2.0 40 |
| WESTPORT CHANNEL | 39 | 42 | 42 | 40 | 2-04 | 600 2.4 40 |
| EUREKA LOWER CHANNEL | 43 | 44 | 44 | 44 | 2-04 | 600 2.1 40 |
| EUREKA UPPER CHANNEL | 43 | 44 | 43 | 41 | 2-04 | 600 0.8 40 |
| OAK POINT CHANNEL | 46 | 46 | 47 | 44 | 2-04 | 600 2.4 40 |
| GULL I TURN AND CHANNEL | 46 | 43 | 41 | 37 | 2-04 | 600 2.2 40 |

* CONTROLLING DEPTHS ROUNDED TO THE NEAREST FOOT
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES TO THE ABOVE INFORMATION

Chart 18524 (Left Panel)

NM 20/04

| COLUMBIA RIVER CHANNEL DEPTHS GULL ISLAND TURN AND CHANNEL TO SAINT HELENS TURN TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MARCH 26, 2004 | | | | | | |
|---|----------------------|---------------------|-----------------------|----------------------|----------------|--|
| CONTROLLING DEPTHS IN FEET AT COLUMBIA RIVER DATUM (CRD) * SEE FOOTNOTE | | | | | | PROJECT DIMENSIONS |
| NAME OF CHANNEL | LEFT OUTSIDE QUARTER | LEFT INSIDE QUARTER | RIGHT OUTSIDE QUARTER | RIGHT INSIDE QUARTER | DATE OF SURVEY | WIDTH (FEET) LENGTH (STAT. MILES) DEPTH CRD (FEET) |
| GULL I TURN AND CHANNEL | 46 | 43 | 41 | 37 | 2-04 | 600 2.2 40 |
| STELLA RANGE | 37 | 40 | 41 | 39 | 2-04 | 600 2.8 40 |
| FISHER I CHANNEL | 42 | 47 | 43 | 40 | 2-04 | 600 0.9 40 |
| WALKER I CHANNEL | 37 | 42 | 40 | 36 | 2-04 | 600 1.5 40 |
| BARLOW PT. CHANNEL | 45 | 44 | 43 | 39 | 2-04 | 600 1.3 40 |
| SLAUGHTERS CHANNEL | 38 | 42 | 38 | 36 | 2-04 | 600 2.3 40 |
| SLAUGHTERS TURN AND CHANNEL OPPOSITE THE TURNING BASIN | 39 | 39 | 39 | 40 | 2-04 | 600 1.7 40 |
| COTTONWOOD ISLAND LOWER RANGE | 38 | 42 | 42 | 40 | 1-04 | 600 1.7 40 |
| COTTONWOOD ISLAND TURN RANGE | 43 | 41 | 38 | 39 | 1-04 | 600 2.7 40 |
| KALAMA LOWER RANGE | 42 | 42 | 41 | 41 | 1-04 | 600 1.6 40 |
| KALAMA UPPER RANGE | 43 | 41 | 40 | 34 | 1-04 | 600 1.8 40 |
| BYBEE LEDGE CHANNEL | 41 | 42 | 40 | 40 | 1-04 | 600 2.2 40 |
| MARTIN ISLAND CHANNEL | 40 | 42 | 41 | 40 | 1-04 | 600 2.1 40 |
| MARTIN ISLAND RANGE | 41 | 41 | 39 | 38 | 1-04 | 600 2.1 40 |
| COLUMBIA CITY CHANNEL | 40 | 40 | 39 | 39 | 1-04 | 600 1.4 40 |
| ST. HELENS RANGE | 38 | 41 | 42 | 41 | 1-04 | 600 1.2 40 |
| ST. HELENS TURN | 42 | 43 | 42 | 40 | 1-04 | 600 2.0 40 |

* CONTROLLING DEPTHS ROUNDED TO NEAREST FOOT
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

SECTION I

NM 20/04

Chart 18525

NM 20/04

| COLUMBIA RIVER CHANNEL DEPTHS SAINT HELENS TURN TO TOMAHAWK BAR TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORTS OF MARCH 26, 2004 | | | | | | |
|--|----------------------|---------------------|----------------------|-----------------------|----------------|--|
| CONTROLLING DEPTHS IN FEET AT COLUMBIA RIVER DATUM (CRD) * SEE FOOTNOTE | | | | | | PROJECT DIMENSIONS |
| NAME OF CHANNEL | LEFT OUTSIDE QUARTER | LEFT INSIDE QUARTER | RIGHT INSIDE QUARTER | RIGHT OUTSIDE QUARTER | DATE OF SURVEY | WIDTH (FEET) LENGTH (STAT. MILES) DEPTH CRD (FEET) |
| ST. HELENS TURN | 42 | 43 | 42 | 40 | 1-04 | 600 1.7 40 |
| WARRIOR ROCK RANGE | 39 | 40 | 40 | 40 | 1-04 | 600 1.3 40 |
| DUCK CLUB TURN | 38 | 38 | 42 | 41 | 1-04 | 600 1.4 40 |
| HENRICI RANGE | 40 | 37 | 39 | 39 | 1-04 | 600 2.6 40 |
| FALES CHANNEL | 42 | 42 | 39 | 38 | 1-04 | 600 1.1 40 |
| KNAPP POINT CHANNEL | 40 | 41 | 40 | 40 | 1-04 | 600 1.8 40 |
| WILLOW LOWER RANGE | 40 | 42 | 41 | 39 | 1-04 | 600 2.1 40 |
| WILLOW UPPER RANGE | 41 | 43 | 40 | 44 | 12-03 | 600 1.1 40 |
| MORGAN TURN | 43 | 45 | 49 | 46 | 12-03 | 600 1.0 40 |
| MORGAN CHANNEL | 46 | 45 | 42 | 42 | 12-03 | 600 1.5 40 |
| VANCOUVER LOWER CHANNEL | 46 | 47 | 48 | 49 | 2-04 | 500 1.0 40 |
| VANCOUVER RANGE | 39 | 43 | 42 | 40 | 2-04 | 500 1.3 40 |
| VANCOUVER UPPER CHANNEL | 40 | 42 | 38 | 39 | 2-04 | 500 0.9 40 |
| VANCOUVER LOWER TURNING BASIN | 36 | 38 | 41 | 40 | 2-04 | 800 1.0 40 |
| VANCOUVER UPPER TURNING BASIN | 31 | 27 | 26 | 24 | 2-04 | 800 0.9 35 |
| TOMAHAWK BAR | 18 | 18 | 18 | 17 | 11-03 | 300 3.7 27 |

* CONTROLLING DEPTHS ROUNDED TO THE NEAREST FOOT
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 18526

NM 20/04

| COLUMBIA RIVER CHANNEL DEPTHS MORGAN CHANNEL TO TOMAHAWK BAR TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MARCH 26, 2004 | | | | | | |
|--|----------------------|---------------------|----------------------|-----------------------|----------------|--|
| CONTROLLING DEPTHS IN FEET AT COLUMBIA RIVER DATUM (CRD) * SEE FOOTNOTE | | | | | | PROJECT DIMENSIONS |
| NAME OF CHANNEL | LEFT OUTSIDE QUARTER | LEFT INSIDE QUARTER | RIGHT INSIDE QUARTER | RIGHT OUTSIDE QUARTER | DATE OF SURVEY | WIDTH (FEET) LENGTH (STAT. MILES) DEPTH CRD (FEET) |
| MORGAN CHANNEL | 46 | 45 | 42 | 42 | 12-03 | 600 1.5 40 |
| VANCOUVER LOWER CHANNEL | 46 | 47 | 48 | 49 | 2-04 | 500 1.0 40 |
| VANCOUVER RANGE | 39 | 43 | 42 | 40 | 2-04 | 500 1.3 40 |
| VANCOUVER UPPER CHANNEL | 40 | 42 | 38 | 39 | 2-04 | 500 0.9 40 |
| VANCOUVER LOWER TURNING BASIN | 36 | 38 | 41 | 40 | 2-04 | 800 1.0 40 |
| VANCOUVER UPPER TURNING BASIN | 31 | 27 | 26 | 24 | 2-04 | 800 0.9 35 |
| TOMAHAWK BAR | 18 | 18 | 18 | 17 | 11-03 | 300 3.7 27 |

* CONTROLLING DEPTHS ROUNDED TO THE NEAREST FOOT
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

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Chart 18531 (Lower Panel)

NM 20/04

| COLUMBIA RIVER CHANNEL DEPTHS TOMAHAWK BAR TO BONNEVILLE LOCKS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MARCH 26, 2004 | | | | | | |
|--|---|------------------------------|-----------------------------|--------------------|-----------------|----------------------------|
| NAME OF CHANNEL | CONTROLLING DEPTHS IN FEET AT COLUMBIA RIVER DATUM (CRD) * SEE FOOTNOTE | | | PROJECT DIMENSIONS | | |
| | LEFT OUTSIDE QUARTER | MIDDLE HALF OF CHANNEL | RIGHT OUTSIDE QUARTER | DATE OF SURVEY | WIDTH (FEET) | LENGTH (STAT. MILES) |
| TOMAHAWK BAR | 18 | 18 | 17 | 11-03 | 300 | 3.7 |
| AIRPORT BAR | 15 | 18 | 18 | 2-04 | 300 | 2.8 |
| GOVERNMENT ISLAND LOWER RANGE | 16 | 17 | 16 | 2-04 | 300 | 1.1 |
| GOVERNMENT ISLAND MIDDLE RANGE | 14 | 16 | 16 | 2-04 | 300 | 1.6 |
| FISHER QUARRY CHANNEL RANGE | 28 | 24 | 21 | 2-04 | 300 | 1.0 |
| GOVERNMENT ISLAND RANGE | 24 | 30 | 26 | 2-04 | 300 | 1.1 |
| GOVERNMENT ISLAND UPPER RANGE | 16 | 19 | 19 | 2-04 | 300 | 0.8 |
| LADY ISLAND RANGE | 18 | 20 | 22 | 2-04 | 300 | 2.1 |
| LADY ISLAND CHANNEL AND UPPER RANGE | 27 | 28 | 21 | 2-04 | 300 | 0.9 |
| WASHOUGAL LOWER RANGE | 18 | 27 | 28 | 2-04 | 300 | 1.5 |
| WASHOUGAL UPPER RANGE | 19 | 27 | 27 | 2-04 | 300 | 1.1 |
| GARY ISLAND RANGE | 16 | 15 | 15 | 2-04 | 300 | 0.9 |
| REED ISLAND RANGE | 17 | 16 | 14 | 2-04 | 300 | 2.2 |
| TUNNEL POINT CHANNEL | 24 | 25 | 26 | 10-03 | 300 | 0.8 |
| ROOSTER ROCK CHANNEL | 26 | 23 | 25 | 10-03 | 300 | 1.2 |
| CAPE HORN CHANNEL | 34 | 32 | 31 | 10-03 | 300 | 2.4 |
| CANDIANA CHANNEL | 16 | 38 | 36 | 10-03 | 300 | 1.0 |
| FASHION REEF LOWER RANGE | 12 | 19 | 21 | 10-03 | 300 | 2.2 |
| MULTNOMAH FALLS BAR RANGE | 13 | 23 | 16 | 10-03 | 300 | 1.3 |
| MULTNOMAH FALLS TURN | 12 | 20 | 21 | 10, 11-03 | 300 | 0.8 |
| MULTNOMAH FALLS UPPER RANGE | 18 | 21 | 24 | 11-03 | 300 | 3.2 |
| MCGOWANS CHANNEL | 39 | 34 | 25 | 11-03 | 300 | 1.1 |
| WARRENDALE LOWER RANGE | 20 | 22 | 23 | 11-03 | 300 | 0.9 |
| WARRENDALE UPPER RANGE | 21 | 28 | 22 | 11-03 | 300 | 0.8 |
| HAMILTON ISLAND REACH | 21 | 30 | 27 | 11-03 | 300 | 0.9 |
| ENTRANCE TO BONNEVILLE LOCKS | 22 | 22 | 22 | 3-00 | 300 | 0.6 |

* CONTROLLING DEPTHS ROUNDED TO THE NEAREST FOOT
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/03 THROUGH NM 20/04

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. | Chart No. | Ed. No. | Notice to Mariners No. | Chart No. | Ed. No. | Notice to Mariners No. | Chart No. | Ed. No. | Notice to Mariners No. |
|-----------|---------|---|-----------|---------|---|-----------|---------|---|-----------|---------|------------------------|
| 20 | 3 | 18/03 | 11302 | 30 | 48/03*;1,7,17/04 | 11362 | 4 | N19,N23,N24,N25,N26, N27,N29,N30,N34,N35, N37,N38,N49,N50,N51, N52/03;N1,N2,N3,N5, N7,N11,N13,N14,N15, N20/04 | 11472 | 31 | 25,40/03;14/04 |
| 21 | 4 | 4/04 | 11304 | 12 | 5/04 | 11474 | 10 | 17,52/03 | | | |
| 22 | 1 | 18/03;4/04 | 11305 | 1 | N32/03;N1,N13/04 | 11476 | 19 | 34/03;15/04 | | | |
| 50 | 6 | 32*,34,40,50/03 | 11307 | 36 | 22,24,27,35,52/03;1/04 | 11477 | 6 | N15/04 | | | |
| 53 | 2 | 34,50/03 | 11308 | 22 | 23,25,32/03;13/04 | 11478 | 20 | 32*,50,52/03;13/04 | | | |
| 70 | 4 | 34/03 | 11309 | 37 | 49*,50/03;1,13/04 | 11479 | 4 | N23,N25,N31,N34,N40, N52/03;N19/04 | | | |
| 71 | 4 | 34/03 | 11310 | 1 | N22,N23,N32/03;N1, N12/04 | 11480 | 38 | 30/03*;14/04 | | | |
| 73 | 4 | 34/03 | 11311 | 23 | 26/03;1,12/04 | 11481 | 4 | 19,28,34,50,52/03;13, 15/04 | | | |
| 103 | 5 | 16/03;9/04 | 11312 | 3 | 22,23,32/03;1,13/04 | 11482 | 22 | 11/04* | | | |
| 108 | 9 | 34,39/03;19/04 | 11313 | 22 | 22,27,36,52/03;4,14, 20/04 | 11485 | 33 | 22/03* | | | |
| 120 | 6 | 39/03 | 11314 | 23 | 15/04* | 11486 | 15 | 36/03* | | | |
| 124 | 10 | 18,34,39/03 | 11315 | 31 | 48/03* | 11488 | 24 | 17,50/03;16/04 | | | |
| 125 | 7 | 21/03 | 11316 | 39 | 17*,22,26,29,34/03;1, 15/04 | 11489 | 35 | 19/04* | | | |
| 126 | 39 | 21/03 | 11317 | 30 | 12*,19/04 | 11490 | 17 | 50/03;14/04 | | | |
| 145 | 16 | 39/03 | 11318 | 1 | N24,N25,N44,N50/03; N1,N13/04 | 11491 | 33 | 30,34,50,52/03;14/04 | | | |
| 200 | 3 | 37/03 | 11319 | 31 | 17*,19,20,25,26,29,30, 34/03 | 11493 | 9 | N20,N22,N31/03;N14/04 | | | |
| 204 | 4 | 4/04 | 11320 | 1 | N22,N23,N24,N52/03 | 11494 | 8 | N22/03;N14/04 | | | |
| 211 | 5 | 4/04 | 11321 | 29 | 23,31,34/03;7,10,13,14, 18,20/04 | 11496 | 9 | N17,N19,N34/03;N5, N14/04 | | | |
| 301 | 1 | 21,24/03 | 11322 | 28 | 19*,20,23,30,34,35,42, 47/03;1,7,14,17/04 | 11498 | 16 | 14/04 | | | |
| 310 | 20 | 21,24,52/03;6/04 | 11323 | 60 | 47*,49,51/03;1,3,5,6,9, 15,17,19,20/04 | 11502 | 29 | 18/04* | | | |
| 400 | 3 | 29,33,34/03;6,19/04 | 11324 | 33 | 47*,49,52/03;1,14,17,19, 20/04 | 11503 | 40 | 2*,14/04 | | | |
| 401 | 5 | 29,33,34,44/03;6,19/04 | 11325 | 35 | 26*,38,42,47/03;1,14, 17/04 | 11504 | 15 | 22/03 | | | |
| 411 | 49 | 19*,22,23,24,25,26,29, 30,31,33,44,52/03;1,5,6, 16,19/04 | 11326 | 32 | 15*,16,17,19,20/04 | 11505 | 1 | 22,34,43,51/03;14,16/04 | | | |
| 500 | 8 | 32*,34,41/03 | 11327 | 31 | 46*,52/03;1,14,16,17, 19/04 | 11506 | 40 | 19,22,28,34,43,51,52/03; 14,16/04 | | | |
| 501 | 12 | 18,21,22,24,40,41/03;4,6, 11,19/04 | 11328 | 33 | 47*,49,52/03;1,14,17,19, 20/04 | 11507 | 31 | 20/03;16/04 | | | |
| 502 | 2 | 40,44/03;11/04 | 11329 | 35 | 26*,38,42,47/03;1,14, 17/04 | 11509 | 27 | 24/03;14/04 | | | |
| 503 | 4 | 1/04 | 11330 | 32 | 15*,16,17,19,20/04 | 11511 | 16 | 14/04 | | | |
| 510 | 3 | 40/03;17/04 | 11331 | 19 | 12*,14/04 | 11512 | 59 | 15,20,22,24,34,43,51/03; 14,16/04 | | | |
| 511 | 4 | 17/04 | 11332 | 28 | 17,19,20,23,25,31,34,35, 37,47,52/03;1,2,4,5,6,12, 17/04 | 11513 | 23 | 24,50/03;14/04 | | | |
| 512 | 2 | 11,20/04 | 11333 | 31 | 46*,52/03;1,14,16,17, 19/04 | 11514 | 26 | 15,22,24,34,43,51/03;14, 16/04 | | | |
| 513 | 6 | 34,50/03;18/04 | 11334 | 23 | 43*,52/03;1,2,4,6,7,14, 17/04 | 11516 | 30 | 43*,50/03 | | | |
| 514 | 7 | 16/04* | 11335 | 15 | 50*,51/03;1,2,4,5,6,7,10, 13,14,15,17,20/04 | 11517 | 17 | 24/03 | | | |
| 520 | 127 | 34,40,41/03;4,11/04 | 11336 | 19 | 12*,14/04 | 11518 | 33 | 19,28,50/03;14,15/04 | | | |
| 521 | 11 | 34,50/03;11,20/04 | 11337 | 5 | 38*,44/03;7,14,17,20/04 | 11519 | 12 | 28/03* | | | |
| 523 | 8 | 34,50/03;11,20/04 | 11338 | 30 | 52/03*;13/04 | 11520 | 41 | 38*,39,50/03;1,2,5,7,8, 14/04 | | | |
| 524 | 12 | 34/03 | 11339 | 23 | 19*,20/04 | 11521 | 26 | 19,24,28,34,39/03;14/04 | | | |
| 525 | 3 | 40/03 | 11340 | 34 | 24*,37,38,45,46,49,50,51, 52/03;1,2,3,4,5,6,7,10,13, 14,15,16,17,19,20/04 | 11522 | 19 | 39/03;14/04 | | | |
| 530 | 30 | 18,21,22,24,34,40,41,44, 50/03;4,7,11,19/04 | 11341 | 40 | 18/04* | 11523 | 21 | 19,24,28,34,39/03;14/04 | | | |
| 531 | 21 | 21,24,32,34,41/03;6/04 | 11342 | 52 | 27*,29,31,34,35,42,46, 47/03;1,6,13,14,17/04 | 11524 | 47 | 18/04* | | | |
| 532 | 17 | 34,50/03;11,15,20/04 | 11343 | 37 | 48*,49,50/03;4,17/04 | 11525 | 6 | N24,N39,N50/03;N1,N2, N5,N7,N8/04 | | | |
| 540 | 17 | 16/04* | 11344 | 35 | 19,22,23,26,27,29,31,34, 38,43,46,47/03;4,5,9,14, 16,17/04 | 11526 | 10 | 20/03* | | | |
| 600 | 5 | 45/03 | 11345 | 31 | 38/03/4/04 | 11527 | 16 | 20/03;14,15,16/04 | | | |
| 601 | 4 | 27,38/03 | 11346 | 33 | 19,20,21,23,25,26,27,29, 31,32,43,47,48,50,51/03; 4,9/04 | 11531 | 21 | 39/03 | | | |
| 602 | 6 | 38/03 | 11347 | 33 | 19,20,21,23,25,26,27,29, 31,32,43,47,48,50,51/03; 4,9/04 | 11532 | 20 | 39,43,50/03 | | | |
| 604 | 5 | 38/03 | 11348 | 20 | 43*,47,51/03;4/04 | 11534 | 33 | 19/04* | | | |
| 606 | 1 | 17/03 | 11349 | 40 | 23,26,27,31,36,52/03;6, 14,15,16,17,19,20/04 | 11535 | 12 | 39/03;14/04 | | | |
| 607 | 1 | 17,45/03 | 11350 | 25 | 43/03* | 11536 | 17 | 18/04* | | | |
| 623 | 9 | 19,36/03 | 11351 | 38 | 20*,22,23,25,27,30,31, 34,48,50,51,52/03;1,3,5, 10,12,13,14,15/04 | 11537 | 35 | 18*,19/04 | | | |
| 624 | 3 | 7/04 | 11352 | 37 | 13*,14,15,20/04 | 11538 | 12 | 39/03;14/04 | | | |
| 703 | 4 | 44/03 | 11353 | 25 | 12*,14,15,16,17/04 | 11539 | 17 | 18/04* | | | |
| 706 | 4 | 44/03 | 11354 | 35 | 20*,21,22,25,52/03;1,16/04 | 11540 | 27 | 20*,21,22,25,52/03;1,16/04 | | | |
| 707 | 2 | 34,44/03 | 11355 | 31 | 19,20,21,23,25,26,27,29, 31,32,43,47,48,50,51/03; 4,9/04 | 11541 | 34 | 51/03*;9,11,12,19/04 | | | |
| 708 | 3 | 34,36/03 | 11356 | 35 | 10*,14,15/04 | 11542 | 22 | 38/03;1,19/04 | | | |
| 709 | 2 | 19,25/03 | 11357 | 36 | 38*,52/03;2,3,5,12,14,15, 17,20/04 | 11544 | 38 | 18*,19/04 | | | |
| 800 | 4 | 15,20/04 | 11358 | 52 | 41*,49,50,51/03;2,3,5,6, 7,14,19/04 | 11545 | 61 | 16*,19/04 | | | |
| 803 | 1 | 15/04 | 11359 | 11 | 49,50/03;19/04 | 11547 | 36 | 16*,19/04 | | | |
| 1113A | | 20*,21,22,25,52/03; 16/04 | 11360 | 40 | 23,26,27,31,36,52/03;6, 14,15/04 | 11548 | 39 | 12/04* | | | |
| 1114A | | 16/04 | 11361 | 71 | 11*,12,13,17,19/04 | 11550 | 28 | 17/03*;7/04 | | | |
| 1115A | | 19,23,24,25,26,27,29,30, 34,35,37,38,49,50,51, 52/03;1,2,3,5,7,11,13,14, 15,20/04 | 11362 | 4 | 12*,14,15,16/04 | 11555 | 39 | 18/04* | | | |
| 1116A | | 37*,38,45,46,49,50,51, 52/03;1,2,3,4,5,6,7,10,13, 14,15,16,17,19,20/04 | 11363 | 24 | 22,25,26,27,29,30,31, 34,48,50,51,52/03;1,3,5, 10,12,13,14,15/04 | 12200 | 47 | 18/03;6,16/04 | | | |
| 1117A | | 28*,30,31,32,34,35,36, 44,45,45,50,51/03;5,6,7,10, 15,18,20/04 | 11364 | 25 | 38*,51,52/03;3,4,6,13,14, 19/04 | 12201 | 25 | N18,N24,N32/03;N1,N2, N6,N7,N16/04 | | | |
| 5161 | 13 | 48/03* | 11365 | 35 | 12*,14,15,20/04 | 12204 | 35 | 33/03;5/04 | | | |
| 11004 | 7 | 18,21,22,23,24,25,26,27, 29,30,32,34,36,37,38,44, 51/03;1,3,4,5,6,10,13,14, 15,16,18/04 | 11366 | 25 | 15,22/03 | 12205 | 28 | 43*,50/03;5,11/04 | | | |
| 11006 | 31 | 47*,49,50/03;3,5,6,13,16, 20/04 | 11367 | 40 | 14,15/04 | 12206 | 30 | 50/03*;2,15,19/04 | | | |
| 11009 | 36 | 19,39,52/03;5/04 | 11368 | 44 | 40/03* | 12207 | 21 | 18/04* | | | |
| 11013 | 45 | 38*,40,50,52/03;16, 19/04 | 11369 | 52 | 12*,14,15,20/04 | 12208 | 9 | 23*,28,41,50/03;9,11/04 | | | |
| 11300 | 39 | 28*,30,31,32,34,35,36, 44,45,45,50,51/03;5,6,7,10, 15,18,20/04 | 11370 | 51 | 12*,14,15,20/04 | 12209 | 36 | 33/03 | | | |
| 11301 | 23 | 16,24,32/03;1,7,17/04 | 11371 | 51 | 12*,14,15,20/04 | 12210 | 44 | 19,52/03;2/04 | | | |
| | | | 11372 | 51 | 12*,14,15,20/04 | 12211 | 75 | 48*,50/03;2,9,11,19/04 | | | |
| | | | 11373 | 51 | 12*,14,15,20/04 | 12212 | 45 | 6*,7,9,10,11,12,13,15/04 | | | |
| | | | 11374 | 51 | 12*,14,15,20/04 | 12213 | 26 | 30/03 | | | |
| | | | 11375 | 51 | 12*,14,15,20/04 | 12214 | 36 | 16*,19/04 | | | |
| | | | 11376 | 51 | 12*,14,15,20/04 | 12215 | 27 | 19/03 | | | |
| | | | 11377 | 51 | 12*,14,15,20/04 | 12216 | 27 | 19/03 | | | |
| | | | 11378 | 51 | 12*,14,15,20/04 | 12217 | 27 | 48/03* | | | |
| | | | 11379 | 51 | 12*,14,15,20/04 | 12218 | 27 | 48/03* | | | |
| | | | 11380 | 51 | 12*,14,15,20/04 | 12219 | 27 | 48/03* | | | |
| | | | 11381 | 51 | 12*,14,15,20/04 | 12220 | 27 | 48/03* | | | |
| | | | 11382 | 51 | 12*,14,15,20/04 | 12221 | 27 | 48/03* | | | |
| | | | 11383 | 51 | 12*,14,15,20/04 | 12222 | 27 | 48/03* | | | |
| | | | 11384 | 51 | 12*,14,15,20/04 | 12223 | 27 | 48/03* | | | |
| | | | 11385 | 51 | 12*,14,15,20/04 | 12224 | 27 | 48/03* | | | |
| | | | 11386 | 51 | 12*,14,15,20/04 | 12225 | 54 | 22*,33/03;9/04 | | | |
| | | | 11387 | 51 | 12*,14,15,20/04 | 12226 | 30 | 16/04* | | | |
| | | | 11388 | 51 | 12*,14,15,20/04 | 12227 | 61 | 3*,20/04 | | | |
| | | | 11389 | 51 | 12*,14,15,20/04 | 12228 | 27 | 48/03* | | | |
| | | | 11390 | 51 | 12*,14,15,20/04 | 12229 | 27 | 48/03* | | | |
| | | | 11391 | 51 | 12*,14,15,20/04 | 12230 | 27 | 48/03* | | | |
| | | | 11392 | 51 | 12*,14,15,20/04 | 12231 | 27 | 48/03* | | | |
| | | | 11393 | 51 | 12*,14,15,20/04 | 12232 | 27 | 48/03* | | | |
| | | | 11394 | 51 | 12*,14,15,20/04 | 12233 | 36 | 16*,19/04 | | | |
| | | | 11395 | 51 | 12*,14,15,20/04 | 12234 | 21 | 33,45/03;9/04 | | | |
| | | | 11396 | 51 | 12*,14,15,20/04 | 12235 | 29 | 17,33/03;9/04 | | | |
| | | | 11397 | 51 | 12*,14,15,20/04 | 12236 | 27 | 48/03* | | | |
| | | | 11398 | 51 | 12*,14,15,20/04 | 12237 | 27 | 48/03* | | | |
| | | | 11399 | 51 | 12*,14,15,20/04 | 12238 | 38 | 6*,19/04 | | | |
| | | | 11400 | 51 | 12*,14,15,20/04 | 12239 | 21 | 34/03;2/04 | | | |

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/03 THROUGH NM 20/04

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. | Chart No. | Ed. No. | Notice to Mariners No. | Chart No. | Ed. No. | Notice to Mariners No. | Chart No. | Ed. No. | Notice to Mariners No. | | |
|-----------|---------|--------------------------------------|---------------------|---------|---|-----------------|---------------|------------------------|---------------|----------------|-----------------------------|---------------|-------------|
| 12243 | 13 | 12,20/04 | 13201 | 10 | N18,N36,N39,N44,N45, N48/03;N6/04 | 14081 | 21 | 36,47/03;2/04 | 14260 | 47 | 39/03** | | |
| 12244 | 13 | 20/04 | 13203 | 12 | 48/03 | 14085 | 6 | 49/03;15/04 | 14263 | 15 | 40/03** | | |
| 12245 | 62 | 30*,33,34,49/03;4,7,10, 12,15/04 | 13204 | 12 | 44/03;6/04 | 14088 | 10 | 34/03;5/04 | 14264 | 4 | 40/03** | | |
| 12248 | 40 | 44/03*;4,15/04 | 13205 | 36 | 23/03;2,17/04 | 14105 | 19 | 47/03 | 14280 | 37 | 40/03** | | |
| 12251 | 23 | 15,26/03;12/04 | 13209 | 23 | 23/03;2,17/04 | 14110 | 42 | 32,44/03;1/04 | 14310 | 2 | 40/03** | | |
| 12252 | 23 | 15,17,30,35,45,49/03;16, 20/04 | 13211 | 13 | 45/03 | 14111 | 7 | 32,34,42,44/03 | 14319 | | N19/04* | | |
| 12253 | 43 | 35/03*;2,10,13,15,19/04 | 13212 | 36 | 18/04* | 14112 | 5 | 32,42,44/03;1/04 | 14325 | 13 | 6/04 | | |
| 12254 | 44 | 16/04* | 13213 | 41 | 18*,20/04 | 14115 | 2 | 47/03 | 14328 | 6 | 47/03;9/04 | | |
| 12255 | 15 | 30,34/03 | 13214 | 27 | 2,17/04 | 14128 | 6 | 4/04 | 14329 | 5 | 32,47,49/03;1/04 | | |
| 12256 | 14 | 48/03*;2,12/04 | 13215 | 17 | 6/04 | 14135 | 2 | 14/04 | 14340 | 25 | 22,30,49/03;1,9,15/04 | | |
| 12261 | 28 | 18,22,48/03;20/04 | 13216 | 1 | N2/04 | 14136 | 2 | 1/04 | 14341 | 5 | 34,47,49/03 | | |
| 12263 | 53 | 11*,14/04 | 13217 | 14 | 6/04 | 14141 | 17 | 47/03 | 14342 | 20 | 30,49/03;9/04 | | |
| 12264 | 28 | 42,44,48,52/03 | 13218 | 38 | 46,50,52/03;19,20/04 | 14143 | | N38/03*;N4,N15/04 | 14344 | 2 | 49/03 | | |
| 12266 | 28 | 8/04* | 13221 | 54 | 15*,19,20/04 | 14144 | 29 | 38/03** | 14345 | 5 | 22,49/03 | | |
| 12270 | 33 | 15/04* | 13223 | 37 | 16*,20/04 | 14145 | 2 | 47/03;15/04 | 14349 | 7 | 42,47/03;5,6/04 | | |
| 12272 | 29 | 16,30,33,38/03;7/04 | 13224 | 36 | 27/03;15,19/04 | 14146 | 2 | 32,49/03;6/04 | 14353 | 3 | 42/03 | | |
| 12273 | 54 | 47/03*;7,20/04 | 13225 | 33 | 15,19/04 | 14151 | 2 | 32,34,38/03;1,4/04 | 14354 | 2 | 32,42,50/03 | | |
| 12274 | 33 | 15,17,30,33/03;20/04 | 13226 | 6 | 17*,19/04 | 14156 | 2 | 14/04 | 14355 | 3 | 50/03 | | |
| 12277 | 32 | 35*,51/03;20/04 | 13227 | 13 | 49/03;19/04 | 14167 | | N6,N14/04 | 14357 | | N49/03;N4,N15/04 | | |
| 12278 | 73 | 8/04* | 13229 | 28 | 12*,13,19/04 | 14168 | | N37/03 | 14358 | | N34,N47/03;N1,N5, N15/04 | | |
| 12280 | 4 | 52/03*;2,7,9/04 | 13230 | 47 | 15*,19/04 | 14169 | 2 | 32,38,42,49/03 | 14360 | 36 | 47/03;4,5,6,15/04 | | |
| 12281 | 49 | 19,25,38,44,48,49/03;1, 16,20/04 | 13232 | 4 | 19/04 | 14173 | 2 | 38/03 | 14364 | 6 | 4/04 | | |
| 12282 | 34 | 43/03* | 13233 | 16 | 39/03;4/04 | 14174 | | N42/03*;N14/04 | 14373 | 2 | 34,49/03;1,4/04 | | |
| 12283 | 24 | 18,25/03 | 13235 | 5 | 48/03;4/04 | 14175 | | N43/03*;N9/04 | 14380 | 19 | 49/03;6/04 | | |
| 12284 | 15 | 42,48/03 | 13236 | 29 | 19,50/03;1/04 | 14176 | | N38/03* | 14386 | 3 | 6/04 | | |
| 12285 | 36 | 19/04* | 13237 | 39 | 27*,39/03;13/04 | 14177 | | N40/03* | 14404 | 4 | 47/03 | | |
| 12286 | 29 | 42,52/03 | 13244 | 39 | 32/03 | 14178 | | N40/03*;N5,N6/04 | 14415 | 4 | 36/03 | | |
| 12288 | 19 | 9/04 | 13246 | 37 | 36*,42/03 | 14180 | 38 | 42/03** | 14420 | 27 | 40/03** | | |
| 12289 | 48 | 19,22/03;13/04 | 13249 | 12 | 22/03** | 14181 | 3 | 43/03** | 14756 | | N50/03;N11/04 | | |
| 12300 | 43 | 19*,39,44,48,49/03;6,17, 20/04 | 13260 | 39 | 36*,39,42,45/03;16/04 | 14183 | 15 | 38/03** | 14757 | | N15/04 | | |
| 12301 | 21 | N17,N39,N44,N48, N49/03;N6,N20/04 | 13263 | 7 | N18,NP21,N23,N26, N29,N36,N39,N42, N45/03 | 14184 | | N32,N44,N47,N49/03 | 14758 | | N32,N49/03 | | |
| 12304 | 43 | 21*,26,48,52/03;2,5,9/04 | 13264 | 103 | P21,26,29,39,42,49/03; 5/04 | 14186 | 2 | 40/03** | 14769 | | N13/04** | | |
| 12311 | 42 | 38*,48,51/03;1,10,16/04 | 13267 | 31 | 47/03*;9/04 | 14187 | 2 | 38/03** | 14773 | 16 | 26/03 | | |
| 12312 | 52 | 15,24,32,51/03;1,10, 16/04 | 13269 | 9 | 7,9/04 | 14188 | 1 | 42/03 | 14774 | 16 | 15/03 | | |
| 12313 | 49 | 35*,43,52/03;8,15/04 | 13270 | 60 | 50/03*;9,15/04 | 14189 | 2 | 36,42,44/03;4,6,15/04 | 14782 | 24 | 47/03 | | |
| 12314 | 30 | 25,33,35/03;19/04 | 13272 | 48 | 18*,20/04 | 14190 | 2 | 37,42/03;14/04 | 14784 | 19 | 47/03 | | |
| 12316 | 30 | 12*,19/04 | 13274 | 25 | 43/03*;6,15/04 | 14191 | | N38/03* | 14785 | 17 | 18/04* | | |
| 12317 | 31 | 19/04 | 13275 | 28 | 45/03*;15/04 | 14192 | | N38/03*;N9/04 | 14786 | 13 | 49/03;19/04 | | |
| 12318 | 41 | 32,44/03;6/04 | 13276 | 22 | 36/03* | 14193 | | N38/03*;N15/04 | 14800 | 9 | 20/04 | | |
| 12323 | 23 | 6/04 | 13277 | 25 | 32,39/03 | 14195 | | N42/03*;N15/04 | 14802 | 30 | 20/04 | | |
| 12324 | 31 | 15*,19/04 | 13278 | 25 | 32,39/03 | 14196 | | N38/03*;N15/04 | 14803 | 26 | 49/03 | | |
| 12326 | 49 | 35*,49/03 | 13279 | 30 | 20*,32,39/03;17/04 | 14197 | | N38/03*;N15/04 | 14811 | 16 | 20/04 | | |
| 12327 | 97 | 48*,49/03;17,20/04 | 13281 | 17 | 17/04 | 14198 | | N43/03* | 14813 | 21 | 49/03;19/04 | | |
| 12331 | 30 | 18,33/03 | 13282 | 11 | 21*,39/03 | 14200 | 2 | 38/03** | 14815 | 22 | 43/03 | | |
| 12332 | 21 | 18/03 | 13283 | 18 | 4,6/04 | 14201 | 15 | 38/03** | 14816 | 24 | 17/04* | | |
| 12333 | 33 | 44*,49/03;17/04 | 13285 | 10 | 20/03;4/04 | 14203 | 12 | 42/03** | 14820 | 20 | 15/04* | | |
| 12334 | 66 | 30*,34,36/03;20/04 | 13286 | 29 | 16/04 | 14204 | 21 | 38/03** | 14824 | 26 | 5*,19/04 | | |
| 12335 | 40 | 47/03* | 13287 | 11 | 20/04 | 14205 | 7 | 38/03** | 14826 | 27 | 49/03;8,20/04 | | |
| 12337 | 22 | 18/03 | 13288 | 40 | 29,42,44,45/03;20/04 | 14206 | 20 | 43/03** | 14829 | 6 | 15/04* | | |
| 12338 | 9 | 21/03*;19/04 | 13290 | 35 | 39*,42,44,49/03;20/04 | 14208 | 28 | 38/03** | 14830 | 30 | 31*,34,47/03;15,20/04 | | |
| 12339 | 44 | 50/03* | 13292 | 36 | 16,29,42,44,49/03;20/04 | 14209 | | N38/03*;N15/04 | 14832 | 34 | 49,51/03 | | |
| 12341 | 26 | 36/03* | 13293 | 33 | 27/03 | 14211 | | N40/03* | 14833 | 26 | 18*,19/04 | | |
| 12343 | 18 | 21,27/03 | 13295 | 25 | 27/03 | 14212 | | N38/03*;N11,N15/04 | 14835 | 31 | 7/04 | | |
| 12345 | 10 | 21/03 | 13296 | 25 | 27/03 | 14213 | | N39/03*;N5/04 | 14836 | 27 | 10/04 | | |
| 12347 | 29 | 27,29,35/03 | 13301 | 20 | 23,42,45/03 | 14214 | | N39/03* | 14837 | 27 | 5/04 | | |
| 12348 | 33 | 27,29,34/03 | 13302 | 21 | 32,42,45,52/03;8/04 | 14215 | | N39/03* | 14839 | 36 | 43,49,51/03;5,8/04 | | |
| 12350 | 58 | 17/04* | 13305 | 28 | 36,44/03;8/04 | 14216 | | N39*,N44/03;N5,N15/04 | 14841 | 28 | 14/04* | | |
| 12352 | 30 | 46/03* | 13307 | 10 | 23,28,44/03;8/04 | 14217 | | N43/03* | 14842 | 13 | 46*,51/03;10/04 | | |
| 12353 | 18 | 8/04* | 13309 | 28 | 32,52/03;15/04 | 14218 | | N39/03*;N6/04 | 14843 | 23 | 18/04* | | |
| 12354 | 40 | 38/03*;2,17,20/04 | 13313 | 19 | 36/03 | 14219 | | N40/03*;N6,N19/04 | 14844 | 32 | 18/04* | | |
| 12363 | 39 | 23,27,32,36/03 | 13316 | 22 | 28/03* | 14220 | | N39/03* | 14845 | 27 | 14/04* | | |
| 12364 | 34 | 20*,23,25,27,32,36,39/03 | 13318 | 18 | 21/03 | 14222 | 16 | 40/03** | 14846 | 12 | 16/04* | | |
| 12365 | 26 | 23/03 | 13321 | 9 | 20/03* | 14223 | 18 | 38/03** | 14847 | 30 | 43,47/03 | | |
| 12366 | 27 | 20,27/03 | 13324 | 14 | 5/04* | 14224 | | N39/03* | 14848 | 56 | 17,21,22/03;15,20/04 | | |
| 12368 | 26 | 24,25/03 | 13325 | 14 | 29/03;7/04 | 14225 | 17 | 39/03** | 14852 | 45 | 19*,21/03;2,10,15/04 | | |
| 12369 | 25 | 32,35,36,43/03 | 13326 | 12 | 7/04 | 14226 | 32 | 39/03** | 14853 | 14 | 26/03*;10,15/04 | | |
| 12371 | 23 | 27*,52/03;19/04 | 13331 | 3 | 21,42/03 | 14227 | 28 | 39/03** | 14854 | 13 | 17/03;15/04 | | |
| 12372 | 32 | 8*,17,20/04 | 13336 | 4 | 4,21/03 | 14228 | 11 | 39/03** | 14864 | 26 | 1,8/04 | | |
| 12373 | 14 | 17/04 | 13341 | 57 | 32,34,36,37,42,49/03; 15/04 | 14229 | | N39/03*;N5/04 | 14867 | 26 | 39/03* | | |
| 12378 | 14 | 23/03 | 13342 | 14 | 5/04* | 14240 | 6 | 43/03** | 14869 | 26 | 8/04 | | |
| 12401 | 7 | 33,41/03 | 13343 | 14 | 38/03** | 14241 | 23 | 39/03** | 14871 | 2 | 34/03 | | |
| 12402 | 8 | 34,41/03 | 13344 | 5 | 22,36,47/03 | 14242 | 13 | 40/03** | 14880 | 31 | 15/04* | | |
| 13000 | | N21,N26,N29/03 | 13345 | 65 | 34,49/03 | 14243 | 8 | 39/03** | 14881 | 31 | 8/04 | | |
| 13003 | 47 | 36*,39,44,45,48,52/03;6, 16,17/04 | 13346 | 12 | 34,36,42/03 | 14244 | 5 | 39/03** | 14883 | 43 | 15*,19/04 | | |
| 13006 | 31 | 36*,39,44,45,48/03;6, 16/04 | 13347 | 3 | 34,42/03 | 14245 | 4 | 39/03** | 14886 | 11 | 41/03* | | |
| 13009 | 30 | 18,23,36,39,44,45,48/03; 6,16/04 | 13348 | 7 | 21,26,49/03 | 14246 | 6 | 39/03** | 14901 | 14 | 7,10/04 | | |
| 13200 | 33 | 18,36,39,44,45,48/03; 6/04 | 13349 | 44 | 47,49/03;1/04 | 14247 | | N39/03*;N5,N6/04 | 14902 | 28 | 8,10/04 | | |
| 13201 | 4003 | 6 | 29,39,48/03;6,16/04 | 13350 | 12 | 34,38/03;N14/04 | 14248 | | N40/03* | 14903 | 23 | 31/03*;2,7/04 | |
| 13202 | 14007 | 76 | 38/03** | 13351 | 3 | 34,42/03 | 14249 | | N39/03*;N5/04 | 14904 | 26 | 40/03*;1/04 | |
| 13203 | 14010 | 5 | 26,32/03;14/04 | 13352 | 12 | 34,36,42/03 | 14250 | | N40/03* | 14905 | 30 | 45/03*;7/04 | |
| 13204 | 14014 | 82 | 1/04 | 13353 | 7 | 21,26,49/03 | 14251 | | N40/03* | 14907 | 25 | 10/04 | |
| 13205 | 14014 | 5 | 22,36,47/03 | 13354 | 14046 | 2 | 47,49/03;9/04 | 14252 | | N40/03*;N14/04 | 14909 | 19 | 49/03;10/04 |
| 13206 | 14046 | 17 | | | | | | | | | | | |

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/03 THROUGH NM 20/04

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. | Chart No. | Ed. No. | Notice to Mariners No. | Chart No. | Ed. No. | Notice to Mariners No. | Chart No. | Ed. No. | Notice to Mariners No. |
|-----------|---------|-------------------------------|-----------|---------|------------------------------|-----------|------------------|------------------------|-----------|---------|---|
| 14913 | 18 | 31/03*;8,10,15,20/04 | 16305 | 9 | 1/04 | 16761 | 16 | 28/03 | 17518 | 7 | 16,18,20,41,47/03;10, |
| 14915 | 25 | 28/03* | 16315 | 10 | 1/04 | 16762 | 9 | 12,14/04 | | | 17/04 |
| 14916 | 10 | 17/03;1,19/04 | 16322 | 7 | 46/03;1/04 | 17003 | 4 | 24,35,36/03;6/04 | 17519 | 13 | 16/03 |
| 14918 | 26 | 17/03;1,19/04 | 16323 | 9 | 3/04* | 17005 | 10 | 24,34,35,43/03;3,6/04 | 17520 | 2 | N16,N34/03 |
| 14919 | 27 | 1,7/04 | 16338 | 4 | 17/04* | 17008 | 12 | 36/03 | 17521 | | N15/03 |
| 14922 | 19 | 5/04 | 16343 | 7 | 1/04 | 17300 | 30 | 21,39/03 | 17522 | | N15/03 |
| 14924 | 27 | 49/03;2/04 | 16363 | 12 | 10/04 | 17302 | 18 | 49/03 | 17523 | | N19/04* |
| 14926 | 10 | 32*,47/03;7,8,10,20/04 | 16381 | 8 | 25/03 | 17315 | 23 | 16,21,25/03 | 17524 | | N15,N49/03 |
| 14927 | 24 | 47/03;7,8/04 | 16382 | 10 | 6/04 | 17316 | 20 | 25/03 | 17525 | | N15,N43/03 |
| 14928 | 21 | 7,10,20/04 | 16420 | 10 | 46/03* | 17317 | 20 | 18/04* | 17526 | | N19/04* |
| 14929 | 24 | 7/04 | 16423 | 2 | 47/03 | 17318 | 5 | 39/03 | 17528 | | N19/04* |
| 14930 | 25 | 15/04* | 16431 | 7 | 50/03* | 17320 | 16 | 14/04* | 17543 | 17 | 43/03;14/04 |
| 14932 | 23 | 26/03*;1,5,19/04 | 16432 | 11 | 3/04* | 17323 | 10 | 22,29,39/03;5/04 | 17545 | 13 | 43/03;12,14/04 |
| 14933 | 24 | 1/04 | 16433 | 8 | 14/04* | 17324 | 13 | 39/03;5/04 | 17546 | 22 | 24,34,35,43/03;14/04 |
| 14934 | 27 | 17*,26/03;1/04 | 16442 | 7 | 41/03* | 17325 | 7 | 29/03 | 17548 | 28 | 16,43/03 |
| 14935 | 21 | 1,10/04 | 16463 | 7 | 3/04* | 17327 | 21 | 46/03* | 17549 | 6 | 15/03;3/04 |
| 14937 | 24 | 17/03;10/04 | 16474 | 8 | 18/04* | 17328 | 7 | 10/04* | 17550 | 4 | 43/03;3,6/04 |
| 14938 | 23 | 1,7/04 | 16477 | 7 | 18/04* | 17330 | 8 | 10*,14/04 | 18000 | 8 | 21,36,44/03;11/04 |
| 14942 | 25 | 1/04 | 16478 | 10 | 5/04* | 17331 | 7 | 14/04 | 18002 | 6 | N21,N36,N44/03;N11/04 |
| 14961 | 12 | 3/04* | 16480 | 10 | 34,50/03 | 17333 | 8 | 3*,14/04 | 18003 | 19 | 22*,41,43/03;3,6/04 |
| 14962 | 20 | 16/04* | 16484 | 7 | 14/04* | 17335 | 6 | 14/04 | 18005 | 4 | N21,N26,N40/03;N4, N10/04 |
| 14964 | 21 | 18/04* | 16487 | 6 | 20/04* | 17336 | 8 | 14,17/04 | 18007 | 31 | 18,22,24,26,35,41/03;4,5, 6,7,16/04 |
| 14965 | 21 | 2/04 | 16490 | 8 | 6/04* | 17337 | 8 | 14/04 | 18008 | 7 | N18,N22,N24,N26,N35, N37,N41/03;N4,N5,N6, N7,N16/04 |
| 14966 | 26 | 15/04* | 16500 | 9 | 33/03 | 17338 | 13 | 14/04 | 18009 | 2 | N26,N40/03;N10/04 |
| 14970 | 25 | 1/04 | 16501 | 7 | 16/04* | 17339 | 11 | 14/04 | 18010 | 20 | 26,33,40,47/03;4,5,7, 16/04 |
| 14972 | 25 | 1/04 | 16511 | 7 | 17/04* | 17341 | 8 | 14/04 | 18020 | 37 | 47/03*;1,4,7,11,19/04 |
| 14973 | 27 | 15/03* | 16514 | 4 | 14/04* | 17360 | 33 | 31*,36/03;13,14/04 | 18022 | 34 | 3*,4,7,11,13,19/04 |
| 14974 | 24 | 5/04 | 16517 | 6 | 16/04* | 17362 | 10 | 14/04 | 18400 | 44 | 41*,43,47,49/03;3,8,10, 17/04 |
| 14975 | 33 | 43,49/03;10/04 | 16520 | 21 | 31,33/03 | 17363 | 13 | 14/04 | 18401 | 12 | 34/03 |
| 14982 | 9 | 16/04* | 16522 | 6 | 16/04* | 17365 | 12 | 14/04 | 18403 | 21 | 20/03 |
| 14983 | 9 | 46/03* | 16528 | 16 | 33/03;6/04 | 17367 | 11 | 14/04 | 18405 | 12 | 16/03 |
| 14985 | 9 | 41/03* | 16529 | 14 | 33/03;6/04 | 17368 | 6 | 14/04 | 18406 | 5 | 16/03 |
| 14986 | 9 | 46/03* | 16530 | 6 | 33/03;6/04 | 17370 | 10 | 3/04* | 18409 | 8 | 41/03 |
| 14987 | 9 | 3/04* | 16535 | 12 | 21,31/03 | 17372 | 11 | 48/03* | 18411 | | N16,N20/03 |
| 14988 | 10 | 41/03* | 16547 | 9 | 18/04* | 17375 | 20 | 50/03;16/04 | 18412 | 10 | 20/03 |
| 14990 | 4 | 6/04* | 16549 | 15 | 41/03* | 17376 | 6 | 16/04 | 18413 | 15 | 20,22/03 |
| 14991 | 10 | 8/04* | 16553 | 3 | 17/03 | 17377 | 1 | 16/04 | 18414 | 9 | 20/03;3/04 |
| 14993 | 12 | 16/04* | 16561 | 1 | 29,35,44/03 | 17378 | 14 | 17/04* | 18415 | 8 | 22,32,39,47,50/03;3,9, 10/04 |
| 15017 | 4 | 10/04 | 16566 | 10 | 29,44,49/03 | 17379 | 1 | 16/04 | 18416 | 6 | 22,46/03;17/04 |
| 15043 | 3 | 34,47/03 | 16575 | 1 | 1/04 | 17381 | 10 | 16/04 | 18418 | 6 | 15/03 |
| 15044 | 3 | 34,47/03;1/04 | 16576 | 4 | 47/03* | 17382 | 15 | 20*,36/03;13,16/04 | 18419 | 11 | 46/03;1,9/04 |
| 15046 | 4 | 47/03;14/04 | 16580 | 12 | 9*,18/04 | 17383 | 1 | 16/04 | 18420 | 1 | 22,47,49,50/03 |
| 15061 | 3 | 50/03 | 16590 | 10 | 1/04 | 17384 | 8 | 15/04* | 18421 | 46 | 50/03*;8,9,17/04 |
| 15064 | 1 | 50/03 | 16591 | 9 | 16/04* | 17385 | 14 | 13,16,18/04 | 18423 | 34 | 12*,13,17/04 |
| 15066 | 5 | 32,47/03 | 16592 | 9 | 16/03;1,18/04 | 17386 | 3 | 16,18/04 | 18424 | 25 | 45/03 |
| 15067 | 2 | 47,49/03 | 16593 | 11 | 1/04 | 17387 | 13 | 16/04 | 18427 | 22 | 18/04* |
| 15069 | 4 | 47/03 | 16594 | 13 | 1/04 | 17400 | 16 | 44/03;14,16/04 | 18429 | 9 | 22/03 |
| 15070 | 3 | 49/03 | 16595 | 14 | 1/04 | 17401 | 11 | 18/04* | 18430 | 8 | 5*,17/04 |
| 15074 | 1 | 6/04 | 16596 | 12 | 1/04 | 17402 | 10 | 16/04 | 18431 | 6 | 1/04 |
| 15080 | 1 | 47/03 | 16597 | 8 | 1/04 | 17403 | 13 | 16/04 | 18433 | 5 | 22,32,36/03;9,17/04 |
| 15083 | 6 | 14/04 | 16598 | 9 | 1/04 | 17404 | 12 | 16/04 | 18434 | 5 | 2*,13,17/04 |
| 15160 | 5 | 50/03 | 16599 | 6 | 1/04 | 17405 | 14 | 25,46/03;16,18/04 | 18440 | 27 | 3*,8/04 |
| 15163 | 2 | 50/03 | 16601 | 10 | 1/04 | 17406 | 7 | 17/04* | 18441 | 43 | 39*,45,47,51/03;6,8, 17/04 |
| 15300 | N10/04 | | 16603 | 8 | 48/03* | 17407 | 15 | 10/04* | | | |
| 15313 | 1 | 15/03 | 16604 | 11 | 1/04 | 17408 | 7 | 16/04 | | | |
| 15444 | N19/04* | | 16605 | 8 | 1/04 | 17409 | 10 | 44/03;16/04 | | | |
| 15562 | N16/03 | | 16606 | 11 | 21/03;1/04 | 17412 | 2 | 49/03 | | | |
| 15563 | N20/04* | | 16608 | 4 | 46/03* | 17413 | 2 | 44/03 | | | |
| 15569 | N23/03 | | 16640 | 24 | 21/03;1,17/04 | 17420 | 26 | 20,36/03;13/04 | | | |
| 15570 | N23/03 | | 16645 | 18 | 1/04 | 17422 | 8 | 13/04 | | | |
| 15690 | N35/03 | | 16646 | 12 | 1/04 | 17423 | 13 | 13/04 | | | |
| 15946 | N47/03 | | 16647 | 3 | 1/04 | 17426 | 13 | 16,20/03;19/04 | | | |
| 16003 | 16 | 36,48/03 | 16648 | 4 | 1/04 | 17427 | 7 | 21,36/03 | | | |
| 16004 | 11 | 17,48/03 | 16660 | 29 | 17/04* | 17428 | 7 | 36,43/03;13/04 | | | |
| 16005 | 9 | 36,48/03 | 16661 | 6 | 17/04 | 17429 | 17429 | 13/04 | | | |
| 16006 | 33 | 32,35,36/03;1,15/04 | 16663 | 7 | 17/04* | 17430 | 10 | 36/03;13/04 | | | |
| 16011 | 35 | 29,31,32,35,44,50/03; 1/04 | 16665 | 8 | 15/04* | 17434 | 11 | 36,43/03;13/04 | | | |
| 16012 | 21 | 34,50/03 | 16680 | 10 | 32,37/03;15/04 | 17435 | 16 | 40,49/03;13/04 | | | |
| 16013 | 29 | 10/04* | 16682 | 16 | 17/04* | 17436 | 6 | 20/03;19/04 | | | |
| 16016 | 20 | 9/04* | 16683 | 10 | 17/04* | 17437 | 8 | 21/03 | | | |
| 16041 | 8 | 48/03 | 16700 | 28 | 40*,43,50/03;11,12, 14/04 | 17438 | 12 | 15,21,36/03 | | | |
| 16061 | 8 | 17/03 | 16701 | 19 | 37/03*;12/04 | 17441 | 7 | 15/03 | | | |
| 16067 | 7 | 1/04 | 16702 | 11 | 37/03*;12/04 | 17445 | 2 | 36/03 | | | |
| 16081 | 6 | 1/04 | 16704 | 13 | 12/04 | 17460 | N19/04* | | | | |
| 16082 | 6 | 1/04 | 16705 | 19 | 16,43/03;12/04 | 17464 | 4 | 12/04 | | | |
| 16083 | 6 | 9/04* | 16706 | 10 | 12/04 | 17470 | N23,N41/03 | | | | |
| 16085 | 6 | 15/04* | 16707 | 10 | 16,20/03;5,12,17/04 | 17471 | N47/03* | | | | |
| 16086 | 7 | 18/04* | 16708 | 25 | 16,20,50/03;12/04 | 17472 | 4 | 36,41/03 | | | |
| 16087 | 7 | 5/04* | 16709 | 22 | 11,12/04 | 17480 | 4 | 36/03 | | | |
| 16102 | 5 | 9/04* | 16710 | 16 | 10,12,14/04 | 17482 | N41/03 | | | | |
| 16124 | 6 | 3/04* | 16711 | 2 | 12/04 | 17483 | N41/03 | | | | |
| 16200 | 13 | 36/03 | 16712 | 1 | 16,03/12/04 | 17484 | 3 | 41/03 | | | |
| 16206 | 7 | 46/03;5/04 | 16713 | 2 | 12/04 | 17485 | 4 | 41/03 | | | |
| 16220 | 5 | 36/03;15/04 | 16723 | 15 | 6,12/04 | 17513 | N15/03;N9,N12/04 | | | | |
| 16240 | 10 | 15/04* | 16741 | 10 | 16/04* | 17515 | 7 | 15,16,36,43/03;12/04 | | | |
| 16300 | 8 | 6,9/04 | 16760 | 10 | 28/03;12/04 | 17517 | 8 | 15,16,34/03 | | | |
| | | | | | | 18480 | 29 | 43/03;3,6/04 | | | |
| | | | | | | 18484 | 11 | 18/04* | | | |

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/03 THROUGH NM 20/04

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. | Chart No. | Ed. No. | Notice to Mariners No. | Chart No. | Ed. No. | Notice to Mariners No. | Chart No. | Ed. No. | Notice to Mariners No. |
|-----------|---------|---|-----------|---------|---|-----------|---------|----------------------------------|-----------|---------|------------------------------------|
| 18485 | 15 | 29/03/17/04 | 18765 | 15 | 27,46/03;7,14,16,19, 20/04 | 22036 | 28 | 51/03/2/04 | 22408 | 1 | N21/03 |
| 18500 | 28 | 22,28/03;14/04 | 18766 | 7 | 27,36/03;7,19/04 | 22050 | 4 | 26/03 | 22409 | 4 | N17,N22/03 |
| 18502 | 84 | 21,28,29,42,47,52/03 | 18768 | 4 | N27,N36,N38/03;N7, N19/04 | 22051 | 18 | 5,16/04 | 22410 | 32 | 19,23,40/03 |
| 18504 | 65 | 19*,35/03;3/04 | 18769 | 2 | N1/04 | 22052 | 6 | 25,34,43,47/03 | 22412 | 2 | 2,4/04 |
| 18520 | 24 | 22/03/14/04 | 18770 | 47 | 21*,48/03 | 22053 | 4 | N20/04** | 22413 | | N22/03 |
| 18521 | 70 | 5*,13,14,19,20/04 | 18772 | 39 | 40*,41/03;4,14/04 | 22054 | 1 | 20/04* | 22415 | 8 | 2,4/04 |
| 18523 | 54 | 5*,8,13,19,20/04 | 18773 | 10 | 16,49/03;4,11,13,14, 20/04 | 22082 | 4 | 25,38/03;20/04 | 22417 | 1 | N25/03;N1/04 |
| 18524 | 33 | 24,29,47,52/03;8,13,19, 20/04 | 18774 | 19 | 19/04 | 22084 | 4 | 35,37/03;15/04 | 22418 | 2 | 19/03 |
| 18525 | 33 | 29,52/03;6,8,13,19,20/04 | 18775 | 2 | N1,N16/04 | 22090 | 2 | 17/03 | 22420 | 2 | 15,19,30,40/03 |
| 18526 | 56 | 15*,17,19,20/04 | 19002 | 9 | N16,N23,N29,N46/03; N6,N8,N12,N16/04 | 22101 | 19 | 37/03 | 22421 | 4 | N23,N25,N26,N27/03; N4/04 |
| 18527 | 21 | 48/03 | 19004 | 37 | 18/04* | 22102 | 19 | 17/03 | 22423 | 3 | N25,N27/03 |
| 18528 | 10 | 18/03 | 19007 | 16 | 16,23,29,30,46/03;12,16, 19/04 | 22111 | 4 | 17/03 | 22424 | | N27/03 |
| 18531 | 21 | 15*,19,20/04 | 19008 | 4 | 16,23,29,46/03;10,12,16, 19/04 | 22112 | 3 | 17,37/03;5,10/04 | 22427 | 1 | N23,N25,N26,N40/03; N9/04 |
| 18532 | 20 | 52/03 | 19009 | 4 | 16,23,29,46/03;10,12,16, 19/04 | 22113 | 8 | 17/03;5,10/04 | 22429 | | N17,N19,N27/03 |
| 18543 | 2 | 15/04* | 19010 | 18 | 18*,19/04 | 22114 | 5 | 17,33,37/03;5/04 | 22430 | 6 | 19/03 |
| 18545 | 15 | 50/03* | 19013 | 17 | 18/04* | 22117 | 3 | 37/03;5/04 | 22433 | 3 | 35/03 |
| 18546 | 10 | 19/04* | 19016 | 10 | 3*,19/04 | 22120 | 3 | 29,32/03;7/04 | 22434 | 2 | 35/03 |
| 18551 | 8 | 18/04* | 19019 | 9 | 28/03* | 22121 | 9 | 29,32,47,51/03;18/04 | 22440 | 1 | 19/03 |
| 18556 | 25 | 17/04* | 19320 | 16 | 16,23/03;6,8,12/04 | 22124 | 2 | 29,32/03 | 22471 | 31 | 2,6,8/04 |
| 18558 | 37 | 48/03;1/04 | 19322 | 8 | 14/04* | 22130 | 2 | 17,29,32,38/03;2,7/04 | 22481 | 35 | 19/03;2/04 |
| 18561 | 12 | 12/04* | 19324 | 22 | 23/03;13/04 | 22138 | 3 | 11/04* | 22482 | 16 | 23/03;9/04 |
| 18580 | 21 | 51/03;17/04 | 19327 | 10 | 23,43/03 | 22140 | 2 | 25,47/03;7/04 | 22492 | 3 | 34/03 |
| 18581 | 17 | 36,50,51/03;14/04 | 19329 | 8 | 10/04* | 22142 | 2 | 25,40,47/03;7/04 | 22521 | 3 | 17,34/03 |
| 18583 | 38 | 43/03 | 19330 | 10 | 14/04* | 22143 | 4 | 26*,29/03;11/04 | 22523 | 3 | 17,34/03 |
| 18584 | 47 | 30,48,52/03;1,13/04 | 19331 | 7 | 23,43/03 | 22145 | 2 | N25/03 | 22529 | 3 | 17,35/03 |
| 18587 | 68 | 21,27,36,52/03;1,8,14,19, 20/04 | 19339 | 1 | N30,N47/03;N8,N10/04 | 22160 | 2 | 25/03;7/04 | 22531 | 2 | 17,35/03 |
| 18588 | 37 | 22*,36/03 | 19340 | 26 | 29,30,36,47/03;8,10, 13/04 | 22172 | 8 | 29/03;11/04 | 23000 | 5 | 51/03 |
| 18589 | 15 | 44/03 | 19342 | 10 | 15*,19/04 | 22173 | 36 | 17,29/03;11,17/04 | 23020 | 4 | 22/03 |
| 18600 | 14 | 44,47/03;5,16/04 | 19347 | 17 | 29/03 | 22180 | 2 | 32/03 | 23030 | 6 | 21,22,37,42/03;14/04 |
| 18601 | 13 | 1/04 | 19348 | 8 | 15/04* | 22181 | 17 | 10*,17/04 | 23121 | 7 | 17,20/03;19/04 |
| 18602 | 12 | 26*,47/03;1,14/04 | 19353 | 12 | 27/03;6/04 | 22182 | 7 | 10*,11/04 | 23123 | 3 | 19/04 |
| 18603 | 16 | 5,16/04 | 19357 | 22 | 30,36,47,50/03;10,13/04 | 22183 | 4 | 52/03* | 23124 | 3 | N17,N20/03;N19/04 |
| 18620 | 23 | 4,7/04 | 19359 | 11 | 8/04* | 22190 | 2 | 29/03 | 23125 | 4 | 17/03;19/04 |
| 18622 | 52 | 21,25,27,35/03 | 19361 | 8 | 5/04* | 22205 | 2 | 18/03 | 23131 | 7 | 22/03 |
| 18623 | 11 | 4,7/04 | 19362 | 12 | 10,13,14/04 | 22221 | 20 | 31,34/03;1/04 | 23141 | 7 | 22,37/03 |
| 18640 | 24 | 26,38,42/03;4/04 | 19366 | 36 | 50/03;10,13,14/04 | 22222 | 1 | 31/03;1/04 | 23142 | 10 | 37,47/03 |
| 18643 | 17 | 26*,33,41,43/03;19/04 | 19367 | 37 | 50/03 | 22225 | 2 | 18,40/03 | 23145 | 3 | 37,51/03;14/04 |
| 18645 | 24 | 33,38/03;5/04 | 19369 | 5 | 36,50/03;10,14/04 | 22233 | 29 | 18,25,37/03 | 23153 | 8 | 49/03 |
| 18649 | 63 | 48*,50/03;2,5,11,16,19, 20/04 | 19370 | 1 | N30,N46/03;N12,N13, N16/04 | 22234 | 1 | 1/04 | 24004 | 36 | 41,42,46/03 |
| 18650 | 52 | 47/03*;11,19,20/04 | 19380 | 15 | 8*,12,16/04 | 22250 | 2 | 18/03;4/04 | 24016 | 53 | 13/04 |
| 18651 | 42 | 15*,48/03;16/04 | 19381 | 8 | 26/03;7,12,16/04 | 22252 | 18 | 2/04 | 24024 | 46 | 18,25/03 |
| 18652 | 32 | 36*,40,43,46,48,49/03;5, 11,16,19,20/04 | 19382 | 15 | 26/03 | 22259 | 4 | 20,24/03;2/04 | 24050 | 11 | 20,31,32,33,51,52/03;6, 14/04 |
| 18653 | 9 | 21,43,50/03;16,20/04 | 19385 | 8 | 3*,16/04 | 22262 | 3 | 13/04 | 24052 | 15 | 19,21,30,42,44,50/03 |
| 18654 | 42 | 16,35,46,48/03;5/04 | 19387 | 9 | N46/03;N12/04 | 22263 | 1 | 26,37/03;4/04 | 24053 | 16 | 19/03 |
| 18655 | 58 | 16/03 | 19388 | 2 | N46/03 | 22264 | 2 | 18,20,24,26,37,41/03 | 24055 | 6 | 19,21,42,50,51,52/03; 6/04 |
| 18656 | 53 | 19*,21,33,40,43,48/03; 11/04 | 19441 | 7 | 28/03* | 22275 | 3 | 18,26/03;2/04 | 24057 | 4 | 20,30,33,42,52/03;4,6/04 |
| 18657 | 18 | 21,40/03 | 19442 | 5 | 26/03 | 22281 | 9 | 18,03;4,13/04 | 24058 | 2 | 19,22,28,29,30,42,44/03; 7,9/04 |
| 18658 | 30 | 17/04* | 19480 | 7 | 6/04 | 22282 | 17 | 4,14/04 | 24060 | 2 | 17,32/03 |
| 18659 | 14 | 16,21,43,48/03 | 19482 | 9 | 6/04 | 22283 | 3 | N14/04** | 24080 | 5 | 17/03 |
| 18660 | 2 | 29*,43,49/03 | 21005 | 5 | 15/04 | 22284 | 7 | N5/04** | 24091 | 6 | 21,46/03 |
| 18661 | 27 | 15*,16,43,49/03;13, 17/04 | 21008 | 62 | 36/03 | 22285 | 1 | 14/04* | 24100 | 5 | 46/03 |
| 18662 | 20 | 43,44/03 | 21033 | 46 | 16/03;1/04 | 22286 | 1 | 5*,13/04 | 24103 | 3 | 10/04 |
| 18663 | 5 | 43/03;17/04 | 21036 | 7 | 16/03;1/04 | 22311 | 19 | 13/04 | 24110 | 3 | 35/03 |
| 18666 | 1 | 21,33,48/03 | 21125 | 13 | 36/03 | 22312 | 2 | 30/03;9/04 | 24133 | 6 | 31/03 |
| 18680 | 30 | 33,35,38,40/03;19/04 | 21140 | 1 | 27,36/03;7,19/04 | 22313 | 2 | 18,38,40/03;13/04 | 24140 | 18 | 41,42,46/03;6,7,11/04 |
| 18682 | 14 | 10/04* | 21160 | 1 | 15/04 | 22314 | 1 | 40/03 | 24142 | 43 | 7,11/04 |
| 18685 | 32 | 36*,46/03;17,19/04 | 21180 | 1 | 15/04 | 22322 | 11 | 33/03** | 24149 | 1 | 52/03 |
| 18700 | 22 | 40/03*;13/04 | 21234 | 4 | 21,29/03 | 22323 | 2 | N19,N24/03;N1,N2/04 | 24150 | 27 | 41,47/03;6,7/04 |
| 18703 | 25 | 40/03*;7,13/04 | 21241 | 27 | 15/04 | 22324 | 1 | 18,26,37,38/03 | 24151 | 4 | 41/03;6,7/04 |
| 18721 | 11 | 39/03 | 21247 | 3 | 16/03 | 22324 | 15 | 16/04 | 24152 | 2 | 41,47/03;6/04 |
| 18724 | 1 | 22*,25/03;15/04 | 21482 | 1 | 36,46/03 | 22325 | 9 | 21,29/03 | 24153 | 6 | 39,47/03;6/04 |
| 18725 | 27 | 32/03*;19/04 | 21510 | 1 | 16/03 | 22326 | 6 | N23*,N52/03 | 24155 | 6 | 46,49/03 |
| 18740 | 40 | 46*,49/03;1,5,7,14,19/04 | 21520 | 1 | 29/03 | 22327 | 11 | 24/03 | 24160 | 21 | 47/03;10,15/04 |
| 18741 | 18 | N27,N38/03;N1,N7,N14, N19/04 | 21521 | 14 | 29/03 | 22327 | 6 | N23/03* | 24161 | 11 | 28,32,39,40,47/03;10/04 |
| 18744 | 30 | 35/03 | 21525 | 19 | 38/03 | 22327 | 5 | N35,N41,N52/03;N2/04 | 24162 | 9 | 28,32,39,40,42,47,52/03; |
| 18746 | 35 | 11*,19/04 | 21543 | 13 | 9/04 | 22327 | 6 | 19,24,35,52/03;1,2/04 | 24201 | 5 | 10/04 |
| 18747 | 38 | 16,21,26,28,31,39,41,49, 50/03;5,7/04 | 21580 | 40 | 52/03 | 22327 | 2 | 19,52/03 | 24202 | 6 | 31,35,46/03 |
| 18751 | 42 | 16,21,26,28,31,39,44, 49,50/03;5,7,19/04 | 21581 | 5 | 41/03 | 22327 | 1 | N35,N41,N52/03;N3/04 | 24203 | 36 | 49/03 |
| 18754 | 17 | 39*,43/03 | 21582 | 3 | 16/04 | 22327 | 5 | 30,32,33,52/03;2,4/04 | 24210 | 14 | 35/03;9/04 |
| 18756 | 8 | 14/04* | 21601 | 4 | 31/03 | 22327 | 1 | N24,N30,N32,N33, N34/03;N3/04 | 24211 | 19 | 37,52/03;16/04 |
| 18757 | 10 | 41/03;5/04 | 21602 | 1 | 18/04 | 22327 | 5 | N34/03;N3/04 | 24218 | 15 | 40/03 |
| 18758 | 6 | 16,33,49/03;4,11,13/04 | 21603 | 9 | 31,36/03;11/04 | 22327 | 5 | N15,N26,N37/03 | 24220 | 14 | 9,13/04 |
| 18760 | 6 | N25,N35,N36,N44/03; N1,N7,N11,N19/04 | 21604 | 25 | 4/04 | 22327 | 1 | N2,N4/04 | 24221 | 3 | 39/03 |
| 18761 | 2 | N1,N16/04 | 21605 | 7 | 31/03 | 22327 | 1 | N30,N32/03 | 24222 | 33 | 39/03 |
| 18762 | 15 | 1,16/04 | 22004 | 38 | 16,29/03;2,7/04 | 22327 | 1 | N18,N30/03 | 24224 | 1 | 15/04* |
| 18763 | 10 | 18/04* | 22002 | 35 | 17,29,32,38,47/03;7/04 | 22327 | 2 | 15,19,22,26,30/03 | 24230 | 20 | 52/03;9/04 |
| 18763 | 10 | 18/04* | 22002 | 31 | 29,32/03 | 22327 | 4 | N23*,N30/03 | 24233 | 15 | 9/04 |
| 18763 | 10 | 18/04* | 22032 | 20 | 19,40/03 | 22327 | 1 | N18,N30/03 | 24234 | 3 | 35/03 |

SECTION I

NM 20/04

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/03 THROUGH NM 20/04

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. | Chart No. | Ed. No. | Notice to Mariners No. | Chart No. | Ed. No. | Notice to Mariners No. | Chart No. | Ed. No. | Notice to Mariners No. | |
|-----------|---------|--------------------------------|-----------|---------|-------------------------|-----------|---------|--|----------------------|---------|---|--------------------------|
| 24240 | 5 | 39,46,52/03 | 25664 | 15 | 17,30,39/03 | 35003 | | N19/04* | 37137 | 6 | 30/03 | |
| 24250 | 5 | 39/03;13/04 | 25666 | 17 | 17/03;11/04 | 35004 | | N19/04* | 37140 | 33 | 16,24,25,30,32,42,43,44, 45/03;12/04 | |
| 24251 | 23 | 39/03 | 25667 | 20 | 15/03 | 35008 | 21 | 25,27/03 | 37141 | 29 | 17,19,24,27,31,45/03 | |
| 24252 | 5 | 39/03 | 25668 | 18 | 34/03 | 35009 | 19 | 49/03 | 37147 | 15 | 16,17,19,25/03;12/04 | |
| 24270 | 3 | 17,29/03 | 25670 | 42 | 2*,14/04 | 35011 | 2 | 25/03 | 37148 | 13 | 27,51/03;12/04 | |
| 24271 | 14 | 17,29/03 | 25671 | 18 | 21/03* | 35032 | 16 | 12/04 | 37150 | 8 | 19,26,27,32,33,35,37,39, 41,43,46/03;7,12/04 | |
| 24274 | 2 | 17,29/03 | 25673 | 15 | 43/03 | 35036 | 21 | 15,27,43/03;12,13/04 | 37161 | 14 | 19,24,41,43,46/03 | |
| 24293 | 6 | 37,42,46/03 | 25675 | 9 | 20/03* | 35040 | 18 | 21,49/03;12,17/04 | 37162 | 12 | 21,26,27,30,32,33,35,37, 39,40,41,43,45,46/03; 7/04 | |
| 24294 | 22 | 37,46/03 | 25677 | 20 | 32*,39,52/03 | 35042 | 9 | 49/03;8,17/04 | 37163 | 19 | 32,43/03;11,12/04 | |
| 24320 | 4 | 17/03 | 25679 | 10 | 20/03*;11,15/04 | 35060 | 14 | 49/03 | 37164 | 4 | 23,26,27,30,32,35,37,43, 46/03;7/04 | |
| 24322 | 6 | 17/03 | 25681 | 16 | 28*,34,39/03;15/04 | 35080 | 16 | 49/03 | 37165 | 2 | 15,21,23,26,27,28,30,32, 34,35,37,39,43,45,50, 52/03;1,5,7,8,11,15/04 | |
| 24350 | 2 | 18/03 | 25683 | 18 | 32*,34,39,52/03 | 35081 | 15 | 22,27/03 | 37166 | 2 | 19,21,26,27,30,32,33,34, 35,37,39,40,41,43,45,46, 51/03;7,11,12/04 | |
| 24355 | 2 | 25,37/03 | 25685 | 9 | 22*,52/03 | 35082 | 7 | 22,27/03 | 37170 | 11 | 19,46/03 | |
| 24360 | 1 | 25/03 | 25687 | 12 | 30/03* | 35083 | 8 | 20/03 | 37175 | 2 | 27,30,45,46,51/03 | |
| 24370 | 1 | 48/03;1/04 | 25700 | 3 | 15/03 | 35200 | 7 | 25/03 | 37180 | 20 | 27,31,35,49/03;12/04 | |
| 24375 | 2 | 38/03 | 25848 | 25 | 15/03;11/04 | 35086 | 5 | 22/03 | 37182 | 14 | 24,27/03 | |
| 24376 | 1 | 38/03 | 26050 | 1 | 26,47/03 | 35100 | 14 | 30/03 | 37183 | 9 | 24/03 | |
| 24380 | 2 | 48/03;1/04 | 26060 | 1 | 42/03 | 35120 | 13 | 30/03;16/04 | 37200 | 15 | 28,30,35/03;15/04 | |
| 24404 | 8 | 11/04 | 26068 | 11 | 18,50/03 | 35155 | 3 | 25/03 | 37202 | 2 | 22,27/03 | |
| 24430 | 5 | 31,52/03 | 26081 | 8 | 16,42,43/03;16/04 | 35301 | 6 | 17/03 | 37205 | 2 | 22,24,30,40/03;15/04 | |
| 24431 | 14 | 31,52/03 | 26083 | 14 | 19/04 | 35302 | 7 | 17/03 | 37221 | 13 | 15,21,23,29,30,32,50,51, 52/03;5,8,11,16,18,19/04 | |
| 24433 | 3 | 52/03 | 26100 | 4 | 31/03 | 35303 | 7 | 17/03 | 37222 | 13 | 21,22,30,46,52/03;16/04 | |
| 24434 | 4 | 52/03 | 26122 | 30 | 22/03* | 35305 | 7 | 17/03 | 37223 | 14 | 21,26,27,30,32,34,35,39, 43/03;7,11,16/04 | |
| 24450 | 3 | 26,47/03;6/04 | 26125 | 3 | 41/03 | 35363 | 1 | 12/04 | 37224 | 11 | 22,23,30,37/03;16/04 | |
| 24453 | 5 | 26/03 | 26127 | 21 | 11/04 | 35365 | 1 | 12/04 | 37226 | 17 | 17,21,23,51/03 | |
| 24454 | 5 | 26/03 | 26129 | 11 | 41/03 | 35380 | 8 | 12/04 | 37228 | 14 | 23,27,29,30/03 | |
| 24460 | 4 | 15,29,32,47/03 | 26130 | 20 | 11/04 | 35390 | 2 | 12/04 | 37230 | 14 | 28/03 | |
| 24461 | 4 | 16,38,47/03 | 26147 | 31 | 19/04 | 35400 | 11 | 18/04 | 37231 | 18 | 50,52/03;8,19/04 | |
| 24462 | 5 | 16,29/03 | 26186 | 17 | 14/04 | 35420 | 13 | 12,18/04 | 37232 | 12 | 29,31/03 | |
| 24463 | 6 | 15,25,26,38/03;13/04 | 26188 | 11 | 15/04 | 35424 | 3 | 18/04 | 37234 | 13 | 31/03 | |
| 24465 | 6 | 38/03 | 26218 | 2 | 31/03 | 36005 | 2 | 17,24,25,27,31,43,44/03; 13/04 | 37235 | 11 | 17/03/5/04 | |
| 24470 | 4 | 13/04 | 26219 | 5 | 31/03 | 36010 | 27 | 15,16,20,23,43/03 | 37238 | 6 | 17,21,30,33,37,40,41, 45/03;7/04 | |
| 24480 | 1 | 24,27,42,48/03 | 26220 | 6 | 11/04 | 36015 | 2 | 27,44/03;13/04 | 37241 | 17 | 26,27,30,32,33,35,37,39, 43,45/03;7/04 | |
| 24482 | 2 | 31/03 | 26229 | 11 | 31/03;9/04 | 36040 | 16 | 15/03;6/04 | 37242 | 10 | 26,30,32,35,39,43/03; 11/04 | |
| 24484 | 3 | 31/03 | 26230 | 12 | 31/03;9/04 | 36060 | 17 | 20/03;2,17/04 | 37243 | 7 | 27,30,32,37/03 | |
| 24490 | 3 | 25,27/03 | 26245 | 16 | 15/03 | 36061 | 5 | 20/03 | 37244 | 11 | 23,26,27,28,30,32,33,35, 37,39,43,45,46/03;7, 20/04 | |
| 24491 | 3 | 27/03 | 26282 | 6 | 22,23,34/03 | 36120 | 9 | 16,23,27/03;17/04 | 37246 | 14 | 21,24,27,30,32,33,35,39, 40,43,45,46/03;1,11/04 | |
| 24500 | 1 | 7/04* | 26290 | 1 | 21/03** | 36125 | 25 | 16/03 | 37248 | 18 | 21,23,24,26,27,30,32,35, 40,41,43,45/03;7,12, | |
| 24501 | 3 | 27/03 | 26295 | 1 | 21*,22,34/03 | 36124 | 18 | 16/03 | 37258 | 4 | 22/03 | |
| 24502 | 6 | 27,34,47/03 | 26300 | 7 | 21/03* | 36125 | 7 | 30/03 | 37261 | 10 | 20,22/03 | |
| 24504 | 7 | 42,48/03 | 26308 | 5 | 21*,22,23,34/03 | 36140 | 12 | 27/03;13/04 | 37264 | 3 | 15,22/03 | |
| 24508 | 3 | 22/03* | 26309 | 27 | 11/04* | 36143 | 4 | 30,43/03 | 37265 | 3 | 17,32/03 | |
| 24509 | 2 | 15,25,34,42/03;12/04 | 26310 | 1 | N48/03* | 36161 | 10 | 18/03 | 37281 | 15 | 15,22/03 | |
| 24510 | 2 | 42/03 | 26312 | 2 | 21/03 | 36162 | 10 | 18/03 | 37320 | 16 | 15,17,21,24,36,38,44/03; | |
| 24511 | 2 | 24,42,48/03 | 26316 | 3 | 21/03 | 36163 | 13 | 18/03 | 7,12/04 | 37325 | 8 | 15,18/03 |
| 24512 | 3 | 24,25,38,42/03 | 26320 | 5 | 22,23,25,31,40/03;19/04 | 36164 | 7 | 15/03 | 37326 | 2 | 15,18,21,36/03 | |
| 24513 | 18 | 38,42/03 | 26327 | 2 | N17/03 | 36165 | 6 | 27,30,43/03 | 37328 | 2 | 15,21,24,26,27,30,32,35, 40,41,43,45/03;7/04 | |
| 24517 | 2 | 25,40,42/03 | 27005 | 4 | 22,23,34/03;19/04 | 36180 | 23 | 27,44/03;13/04 | 37341 | 17 | 26,27,30,32,33,35,37,39, 43,45/03;7/04 | |
| 25001 | 7 | 15,52/03 | 27042 | 21 | 41,42/03;10/04 | 36181 | 18 | 13/04 | 37242 | 10 | 26,30,32,35,39,43/03; | |
| 25017 | 5 | 15,25,31,34,39,52/03; 15/04 | 27060 | 2 | 22,23,34/03 | 36182 | 6 | 27/03;13/04 | 37243 | 7 | 27,30,32,37/03 | |
| 25018 | 9 | 15,25,31,34,39,52/03 | 27080 | 6 | 19/04 | 37000 | 22 | 23,43/03 | 37244 | 11 | 23,26,27,28,30,32,33,35, 37,39,43,45,46/03;7, 20/04 | |
| 25400 | 2 | 20/04* | 27082 | 6 | 19/04 | 37005 | 16 | 15,23,28,29,30,50,51/03; 5,8/04 | 37246 | 14 | 21,24,27,30,32,33,35,39, 40,43,45,46/03;1,11/04 | |
| 25480 | 1 | 52/03;8/04 | 27083 | 39 | 28/03;4/04 | 37010 | 23 | 15,19,23,27,28,29,30,43, 50,51/03;5,8,12,15/04 | 37248 | 18 | 21,23,24,26,27,30,32,35, 40,41,43,45/03;7,12, | |
| 25481 | 25 | 8/04 | 27100 | 2 | 21/03 | 37025 | 26 | 24,25,27,31,33,34,36,38, 41,43/03;3,4,10,11,15/04 | 37258 | 4 | 22/03 | |
| 25483 | 20 | 8/04 | 27102 | 11 | 28/03 | 37032 | 2 | 25,31,38,42,43,45/03;3,4, 9,15/04 | 37261 | 10 | 20,22/03 | |
| 25485 | 45 | 36/03;10/04 | 27120 | 4 | 16/04 | 37033 | 2 | 33/03;15,17/04 | 37264 | 3 | 15,22/03 | |
| 25487 | 2 | 36/03;10/04 | 27122 | 5 | 19/04 | 37034 | 2 | 33,41/03;10,15/P18/04 | 37265 | 3 | 17,32/03 | |
| 25524 | 43 | 20,24,26,32/03 | 27160 | 2 | 35/03 | 37043 | 17 | 43,46/03;12/04 | 37281 | 15 | 15,22/03 | |
| 25525 | 17 | 26/03 | 27206 | 18 | 9/04 | 37046 | 18 | 43,46/03;12/04 | 37320 | 16 | 15,17,21,24,36,38,44/03; | |
| 25526 | 2 | 24,32/03 | 28004 | 1 | 22/03 | 37050 | 9 | 17/03;12/04 | 7,12/04 | 37325 | 8 | 15,18/03 |
| 25527 | 31 | 24,32/03 | 28050 | 3 | 26,42,47/03 | 37063 | 21 | 43/03 | 37326 | 2 | 15,18,21,36/03 | |
| 25550 | 2 | 21/03 | 28084 | 4 | 17/03** | 37075 | 3 | 18,43/03;12/04 | 37328 | 2 | 15,21,24/03 | |
| 25563 | 50 | 18,21/03 | 28154 | 2 | 38/03 | 37080 | 3 | 15,18,20,21,22/03;12/04 | 37342 | 3 | 15,21,45/03;12/04 | |
| 25566 | 27 | 18,30/03 | 28165 | 20 | 20/04* | 37090 | 8 | 16,22/03;12/04 | 37343 | 10 | 12/04 | |
| 25567 | 16 | 21/03 | 28167 | 4 | 16/04 | 37095 | 3 | 15,16,20,22,32,39/03 | 37344 | 11 | 21,38,45/03;13/04 | |
| 25570 | 3 | 16/03 | 28168 | 22 | 16/04 | 37103 | 9 | 12/04 | 37360 | 15 | 15,17,21,24,31,36,38,39, 43,44,45/03;9,11,12, | |
| 25575 | 4 | 35,39/03;14,15,18/04 | 28190 | 2 | 18/03;16/04 | 37106 | 4 | 32/03 | 13/04 | 37362 | 6 | 17,22,32,33,38,39/03;12, |
| 25600 | 47 | 25,27/03;1/04 | 28196 | 4 | 18/03;16/04 | 37110 | 11 | 20,25,31,32,39/03;12/04 | 14/04 | 37363 | 8 | 17,32/03 |
| 25607 | 4 | 48/03 | 28197 | 4 | 18/03;16/04 | 37115 | 2 | 25,31,32,39/03;12/04 | 37380 | 2 | 17,21,38,39,41,43/03;7, | |
| 25608 | 21 | 16,26,34,38/03;1/04 | 28221 | 18 | 16/04 | 37120 | 2 | 21,23,24,25,26,27,30,32, 39,42,43,44,45/03;12, | 11,12,13,19/04 | 37400 | 10 | 20,31,34,36,41,43,46, |
| 25609 | 5 | 1/04 | 28260 | 30 | 16/04 | 37121 | 11 | 25/03;12/04 | 47/03;1,7,9,11,19/04 | 37401 | 9 | 16,22,31,36,43,44,47/03; |
| 25610 | 8 | 2/04 | 28263 | 3 | 16/04 | 37122 | 12 | 19,31,44,45/03;12/04 | 1/04 | 37402 | 7 | 1/04 |
| 25611 | 22 | 1/04 | 28300 | 1 | 16/04 | 37123 | 9 | 20/03 | 37403 | 23 | 41/03 | |
| 25613 | 3 | 20/04* | 28302 | 16 | 7/04 | 37125 | 15 | 20/03 | 37420 | 1 | 41/03;9/04 | |
| 25640 | 40 | 15,25,31,34,39,52/03 | 28310 | 2 | 7/04 | 37127 | 11 | 20/03 | 37421 | 8 | 21,41/03 | |
| 25641 | 27 | 15/04* | 29002 | 9 | 18,29/03 | 37128 | 6 | 20/04 | 37423 | 5 | 21,41/03 | |
| 25644 | 13 | 20/03* | 29012 | 8 | 7/04 | 37130 | 12 | 20/04 | | | | |
| 25645 | 17 | 15/04 | 29 | | | | | | | | | |

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/03 THROUGH NM 20/04

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. | Chart No. | Ed. No. | Notice to Mariners No. | Chart No. | Ed. No. | Notice to Mariners No. | Chart No. | Ed. No. | Notice to Mariners No. | |
|-----------|---------|--|-----------|---------|--|-----------|---------|--|-----------|--|---------------------------|--|
| 37443 | 2 | 38,45/03;7/04 | 43163 | 3 | 41/03 | 44044 | 6 | 16,44/03;9,16/04 | 44223 | 1 | 21,24,48/03;11,12,15/04 | |
| 37445 | 1 | 34,38/03 | 43164 | 3 | 34/03;20/04 | 44045 | 6 | 22,44/03;5,16/04 | 44224 | 1 | 20,21,24,42/03;3,19/04 | |
| 37446 | 2 | 34/03 | 43166 | 2 | 43/03 | 44046 | 10 | 22,24/03;1,6,19/04 | 44240 | 8 | 15,16,19,21,25,39/03;3, | |
| 37461 | 9 | 20,25,36,50/03;3,15/04 | 43167 | 5 | 36,42,44/03;20/04 | 44047 | 22 | 22,24,30,31,32,40,48/03; | | | 20/04 | |
| 37463 | 6 | 43/03;1,2,3,4/04 | 43168 | 2 | 36,42/03 | | | 16/04 | 44243 | 2 | 17/04 | |
| 37481 | 7 | 30/03;17,20/04 | 43180 | 5 | 44/03 | 44048 | 11 | 18,22,25,27,31,40,48/03; | 44260 | 7 | 21,48,52/03;5,13,16, | |
| 37501 | 3 | 20,33/03 | 43181 | 3 | 43/03 | 44049 | 9 | 22,24,30,31,40,48,50/03; | 44280 | 9 | 15,19,22,34,44,47,50/03; | |
| 37505 | 2 | 33,41/03;15/04 | 43204 | 4 | 36/03 | | | 1,2,9,12,18/04 | | 11/04 | | |
| 37506 | 4 | 20,33,48/03;11/04 | 43206 | 3 | 14/04 | 44050 | 21 | 20,31,32/03;12/04 | 44281 | 2 | 15,19,21,22,27,45,49, | |
| 38320 | 3 | 35/03 | 43240 | 4 | 12/04 | 44051 | 1 | 22,25,26,27/03;1,2,9/04 | | 50/03;11,12,19/04 | | |
| 38480 | 6 | 48/03 | 43244 | 4 | 12/04 | 44057 | 5 | 29,30/03 | 44282 | 1 | 17,19,21,26/03;14,20/04 | |
| 38528 | 4 | N20/03 | 43245 | 4 | 12/04 | 44061 | 21 | 24,32/03;1,6,17/04 | 44283 | 2 | 21,43,45,49,50/03;13/04 | |
| 38580 | 8 | 18/03 | 43247 | 5 | 44/03 | 44062 | 8 | 28,40/03;1,17/04 | 44284 | 2 | 42,44/03;14/04 | |
| 38585 | 4 | 18/03 | 43248 | 3 | 44,46,47/03;14/04 | 44063 | 8 | 17/03;1/04 | 44285 | 1 | 15,40,44,47/03;11/04 | |
| 38607 | 2 | 1,14/04 | 43249 | 2 | 10/04 | 44064 | 19 | 22,28/03;1,6,15/04 | 44286 | 1 | 27,40,47/03;11/04 | |
| 38610 | 1 | 1,13/04 | 43252 | 1 | 44,46/03;14/04 | 44065 | 7 | 16,17/03;6,19/04 | 44310 | 5 | 37,50/03;19/04 | |
| 38641 | 4 | 3,13/04 | 43260 | 4 | 46,47/03;10/04 | 44066 | 10 | 31/03;6/04 | 44313 | 1 | 36,37,39,40/03;11,19, | |
| 38650 | 1 | 3,12,13/04 | 43261 | 5 | 46/03 | | | 20/04 | | | | |
| 38670 | 2 | 1,13/04 | 43262 | 5 | 46/03 | 44067 | 22 | 16,17,28/03;6,9,14,15/04 | 44319 | 2 | P20,26,27,28/03;2,19/04 | |
| 38682 | 3 | 13/04 | 43263 | 7 | 37,44,46/03;1/04 | 44068 | 11 | 40,51/03;9/04 | 44320 | 4 | 15,P20,25,26,37,49,50, | |
| 38683 | 3 | 13/04 | 43264 | 2 | 46/03 | 44069 | 16 | 17,22,23,40/03;9,14, | | 51/03;2,12,19,20/04 | | |
| 38690 | 2 | 13/04 | 43265 | 2 | 37,46,47/03 | | | 15/04 | 44321 | 6 | 44,45/03;19/20/04 | |
| 41000 | 2 | 15/03 | 43266 | 1 | 47/03;10/04 | 44070 | 7 | 28/03 | 44340 | 11 | 15,17,P20,26,33,37,49, | |
| 41060 | 3 | 52/03 | 43280 | 5 | 37,40,47/03 | 44071 | 4 | 29/03 | | 50,52/03;2,6,7,11,12,18, | | |
| 41100 | 2 | N46,N52/03 | 43281 | 6 | 27,37,44,46,47/03;1/04 | 44072 | 4 | 40/03 | | 19/04 | | |
| 42003 | | N23/03** | 43283 | 6 | 27,37,40,43,47/03;1, | 44075 | 4 | 23,40/03 | 44341 | 7 | P20,26,52/03;18,19, | |
| 42004 | 1 | N23/03**;N13,N16/04 | | | 20/04 | 44076 | 3 | 22,28,30,32/03;14/04 | | 20/04 | | |
| 42036 | 2 | 43/03 | 43284 | 4 | 40,43/03;1,20/04 | 44081 | 9 | 46,48/03;9,14,15,16/04 | 44342 | 8 | 52/03;18/04 | |
| 42038 | 2 | 43/03;16/04 | 43285 | 5 | 44,49,51/03 | 44082 | 11 | 33/03;17/04 | 44352 | 2 | 15,17,19,49/03;2,7/04 | |
| 42040 | 3 | 16/04 | 43287 | 2 | 27,37,03;1/04 | 44083 | 8 | 24,25,26/03 | 44360 | 9 | 20,27,28,30,31,32,37,39, | |
| 42046 | 3 | 16/04 | 43300 | 5 | 49,51/03;10/04 | 44084 | 1 | 26/03 | | 44,52/03;2,11/04 | | |
| 42052 | 2 | 16/04 | 43301 | 4 | 49/03 | 44085 | 2 | 51/03 | 44361 | 6 | 15,21,26,27,28,35,52/03; | |
| 42141 | 3 | 6,12/04 | 43302 | 4 | 10,14,15/04 | 44100 | 7 | 22,31,40,41,46,48,49, | | 4,6,15,17,20/04 | | |
| 42160 | 3 | 38/03;12/04 | 43303 | 4 | 43/03;14/04 | | | 51/03;6,9,14,15,16,17/04 | 44365 | 1 | 26,27,43,52/03;4,11,13, | |
| 42301 | 3 | 38,52/03;15/04 | 43304 | 2 | 43/03;10,14,15/04 | 44105 | 2 | 24,26,27,41,47,48,52/03; | | 15/04 | | |
| 42560 | 5 | 31,38,40/03 | 43320 | 5 | 49/03;15,17,20/04 | | | 3,20/04 | 44366 | 1 | 44,52/03 | |
| 42580 | 5 | 40/03 | 43321 | 6 | 15,16,17/04 | 44120 | 7 | 15,19,20,22,23,24,27,33, | 44367 | 2 | 39/03;13,20/04 | |
| 42600 | 5 | 30,40/03 | 43323 | 4 | 27,49/03;15,17/04 | | | 39,40,41,45,48,49/03;1,3, | 44400 | 4 | 15,17,19,23,24,25,27,34, | |
| 42620 | 5 | 38/03 | 43324 | 4 | 27,49/03;15/04 | 44140 | 8 | 19,21,23,24,26,31,40,44, | | 41,49,50,51/03;7,12,16, | | |
| 42640 | 6 | 38,40/03 | 43340 | 13 | 49/03;15/04 | | | 47,50/03;9,20/04 | | 18,19/04 | | |
| 42660 | 5 | 38/03 | 43341 | 7 | 49/03 | 44160 | 7 | 15,20,26,31,41,47,48, | 44401 | 7 | 19,24,41,49/03;6,12/04 | |
| 42740 | 5 | 25,31,40/03 | 43342 | 7 | 26,49/03 | | | 49/03;2,5,9,11,13,19/04 | 44410 | 4 | 15,23,24,26,27,41,45,49, | |
| 42742 | 3 | 30/03;11,13/04 | 43344 | 3 | 39/03 | 44161 | 2 | 21,35,39,41,48,49,50/03; | | 50/03;2,3,9,16,18/04 | | |
| 42760 | 5 | 19,24,25,47,52/03;2,11,13/04 | 43356 | 2 | 14/04 | | | 3,8,9,16,20/04 | 44420 | 6 | 17,22,25,27,40,44,49/03; | |
| 42762 | 3 | N25,N30,N47,N52/03;N11,N13,N20/04 | 43360 | 21 | 17,20,21,28,30,32,43,52/03;5,7,11,14,16,17,20/04 | 44162 | 1 | 24,47/03;9,17/04 | | 5,8,9,11/04 | | |
| 42765 | 3 | 47,50/03;2/04 | 43362 | 5 | 44/03 | 44164 | 1 | 18,22,47/03;2,6,12,13,15/04 | 44430 | 2 | 19,24,25,40,44,47,52/03 | |
| 43000 | 4 | 16/04 | 43363 | 5 | 17/04 | | | 7,13,20/04 | 44444 | 6 | 30,34,35,36,38,41,52/03; | |
| 43030 | 24 | 15,17,22,27,28,30,32,46,48/03;1,3,6,8,9,14,15,16,17,19,20/04 | 43364 | 4 | 44/03 | 44165 | 1 | 20,22,34,39,45,48/03;2,9,11,12,15,18/04 | | 50/03 | | |
| 43040 | 6 | 38,47/03;2,16/04 | 43366 | 4 | 44/03 | 44178 | 2 | 16,26,27/03;2,16,18/04 | 44461 | 10 | 24,25,26,28,31,36,47, | |
| 43041 | 2 | 16/04 | 43368 | 5 | 43,48/03;14,17/04 | 44179 | 2 | 16,35,39,51,52/03;3,8,14,18/04 | | 50/03 | | |
| 43058 | 3 | 20/03;16/04 | 43369 | 6 | 43,48/03;14,17/04 | | | 44462 | 4 | 27,39/03 | | |
| 43059 | 3 | 20/03;16/04 | 43370 | 7 | 47/03;12,14/04 | 44180 | 6 | 20,26,43,48,50/03;2,3,6,8,11,12,14/04 | | 24/03 | | |
| 43060 | 4 | 27/03;16/04 | 43371 | 13 | 38,43/03;10,12,14/04 | | | 44465 | 2 | 25,47/03 | | |
| 43062 | 2 | 16/04 | 43372 | 4 | 10,12,14/04 | 44181 | 5 | 20,21,27,48,52/03;2,8,9,11,12,14/04 | | 24,26,31,50/03;17/04 | | |
| 43064 | 2 | 16/04 | 43373 | 8 | 17,20,40,42,49,50,52/03;8,9,14/04 | 44182 | 4 | 15,18,27,42,43,46,48,49/03;1,2,6,8,12,15,18/04 | | 51/002 | 11 | 44/03 |
| 43080 | 4 | 44/03;16,20/04 | 43374 | 1 | 43/03;10,14,17/04 | 44183 | 6 | 19,20,25,35,39,43,46,49/03;2,13,14,15/04 | | 51/027 | 8 | 45/03 |
| 43081 | 4 | 16/04 | 43375 | 7 | 16,18,23,42,44,50,51/03;5,11,20/04 | 44184 | 9 | 20,22,32,48,52/03;8,11,12,14/04 | | 51/032 | 10 | 45/03 |
| 43082 | 5 | 47/03;20/04 | 43376 | 5 | 14/04 | | | 44481 | 2 | 24,26,31,50/03;17/04 | | |
| 43083 | 4 | 16,20/04 | 43377 | 2 | 47/03;14/04 | 44185 | 7 | 27,32,48,50/03;9,11,14,18/04 | | 51/001 | 14 | 15,17,19,21,22,23,24,25,27,33,34,41/03;10,P18, |
| 43084 | 3 | 16/04 | 43378 | 2 | 38/03;14/04 | | | | | 51/002 | 22 | 17/04 |
| 43106 | 6 | 44/03;7,10/04 | 43382 | 2 | 48/03;14/04 | 44186 | 2 | 15,16,25,27,29,49/03;1,3,11,12,16/04 | | 51/003 | 7 | 15,17,21,22,45/03;19/04 |
| 43107 | 1 | 7/04 | 43384 | 1 | 15,16,17,18,23,25,26,27,32,44/03;2,5,9,11/04 | 44187 | 2 | 25,27,39,44,48,50,52/03;2,6/04 | | 51/004 | 1 | 17/04 |
| 43120 | 4 | 5,7/04 | 43385 | 1 | 20,23,24,42,44,49,50/03;1,8,9,11,12,18/04 | | | 44193 | 1 | 15,18,43,48,50/03;5,6,9,12,14,15/04 | | |
| 43122 | 3 | 7/04 | 43386 | 2 | 47/03 | 44200 | 9 | 22,27,37,43,47,50/03;12,20/04 | | 51/005 | 5 | 5,12/04 |
| 43123 | 3 | 7/04 | 44000 | 16 | 44/03;19/04 | | | 44201 | 1 | 18,23,39,43,44,48/03;1,2,5,8,9,11,14,15/04 | | |
| 43124 | 3 | 3,5,7,10/04 | 44001 | 2 | P20,23,26,50/03;8,9,11,18,19/04 | 44202 | 1 | 15,16,25,27,29,49/03;1,3,11,12,16/04 | | | | |
| 43125 | 7 | 44/03;7,10/04 | 44015 | 8 | 24,26,40,44,47,50/03;1,8,9,11,18,19,20/04 | 44203 | 1 | 15,25,52/03;2,8,12,15/04 | | | | |
| 43126 | 4 | 5,7,20/04 | 44038 | 5 | 46/03;18/04 | 44204 | 1 | 27,50/03;9,20/04 | | | | |
| 43127 | 5 | 20/03;1,3/04 | 44040 | 23 | 16,17,20,22,23,24,28,30,32,44,52/03;1,5,6,16,19/04 | 44205 | 2 | 15,19,22,26,27,29,31,39,43/03;11,20/04 | | | | |
| 43140 | 4 | 35,38/03;1,5/04 | | | | 44206 | 1 | 16,17,19,24,28,40,46/03;6,11/04 | | | | |
| 43141 | 5 | 5/04 | | | | 44207 | 1 | 17,19,23,28,40,41,45,46,50/03;9/04 | | | | |
| 43142 | 4 | 1/04 | | | | 44208 | 5 | 16,21,40,45,46,48/03;3,11,20/04 | | | | |
| 43144 | 4 | 43/03;20/04 | | | | 44209 | 1 | 17,22,25,27,40,44,46,48/03;12,19/04 | | | | |
| 43145 | 4 | 20/04 | | | | 44210 | 1 | 17,22,25,27,40,44,46,48/03;12,19/04 | | | | |
| 43146 | 2 | 34,35,44/03 | | | | 44211 | 1 | 17,21,22,45/03;12,19/04 | | | | |
| 43147 | 3 | 35,38/03 | | | | | | | 51/015 | 1 | 15,22,33,40,46/03;9,12/04 | |
| 43148 | 4 | 43/03 | | | | | | | 51/016 | 4 | 40,45/03;9/04 | |
| 43150 | 2 | N34,N35,N38,N41/03;N20/04 | 44041 | 7 | 16,20,23,28,52/03;3,8,9,12,20/04 | 44212 | 3 | 15,46/03;9/04 | | | | |
| 43160 | 6 | 34,35,36,38,41/03;20/04 | 44042 | 7 | 17,19,20,25,27,28,29,32/03;9,12,13,15,20/04 | 44213 | 2 | 22/03 | | | | |
| 43161 | 2 | 35,41/03 | 44043 | 8</td | | | | | | | | |

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/03 THROUGH NM 20/04

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. | Chart No. | Ed. No. | Notice to Mariners No. | Chart No. | Ed. No. | Notice to Mariners No. | Chart No. | Ed. No. | Notice to Mariners No. |
|-----------|---------|-------------------------|-----------|---------|-------------------------|-----------|---------|--------------------------|-----------|---------|--------------------------|
| 51164 | 18 | 43/03;5,14/04 | 53066 | 2 | 20,39/03;11/04 | 54284 | 1 | 15,34/03 | 55128 | 2 | 26,27,28,32,34,43,50/03; |
| 51165 | 8 | 16,39/03;5,8/04 | 53081 | 8 | 16/03 | 54287 | 7 | 15/03 | 55129 | 7 | 2,6,9,11,13,20/04 |
| 51166 | 3 | N39/03 | 53082 | 13 | 7/04 | 54302 | 1 | 21/03 | 55130 | 2 | 19,32,33,34,39,42,46, |
| 51167 | 6 | 16/03;5,8,14/04 | 53083 | 8 | 21,22,41/03 | 54320 | 4 | 24,25/03 | 55131 | 1 | 50/03;2,6,9,11,17/04 |
| 51168 | 2 | 45/03;14/04 | 53084 | 6 | 16/03 | 54321 | 2 | 25/03 | 55131 | 1 | 19,25,38,39/03;6,9,15, |
| 51180 | 5 | 16/03 | 53085 | 6 | 16/03 | 54332 | 3 | 25/03 | 55133 | 3 | 17/04 |
| 51220 | 8 | 18,43,45,46/03 | 53086 | 8 | 17/03;11/04 | 54333 | 3 | 25/03 | 55133 | 3 | 34,36,38,46/03;6/04 |
| 51222 | 6 | 16/03 | 53087 | 9 | 17/03 | 54335 | 3 | 24/03 | 55138 | 4 | 52/03;6,9,15/04 |
| 51223 | 2 | 17,18/03 | 53089 | 4 | 21,22,23,41/03;9/04 | 54340 | 8 | 24/03 | 55139 | 5 | 6,15/04 |
| 51240 | 2 | 43,46/03 | 53090 | 1 | 50/03 | 54341 | 4 | 23/03 | 55140 | 2 | 29,33,34,35,36,42,45,46, |
| 51260 | 4 | 16,18,28,43,44,52/03 | 53093 | 2 | 41/03;8/04 | 54343 | 10 | 6/04 | 55150 | 2 | 47,52/03;2,9,11,17,20/04 |
| 51261 | 23 | 15,19,40,46/03;12/04 | 53100 | 16 | 18,20,21,24,31/03;11, | 54344 | 6 | 24/03 | 55160 | 2 | 15,36,48/03;3,14/04 |
| 51263 | 23 | 17/03 | | | 13/04 | 54346 | 9 | 20/04* | 55160 | 2 | 29,41,42/03;3/04 |
| 51341 | 23 | 16,34/03;15/04 | 53101 | 7 | 16,24/03 | 54350 | 4 | 37/03 | 55161 | 1 | 17,41,42/03 |
| 51342 | 3 | 5/04 | 53104 | 2 | 20,24/03 | 54351 | 7 | 26/03 | 55170 | 2 | 46/03;6,9,13,15/04 |
| 51344 | 2 | 16,18,44/03 | 53106 | 6 | 21,33/03 | 54352 | 3 | 33,37/03;6/04 | 55180 | 2 | 15,29,33,36,39,42,45,46, |
| 51380 | 5 | 42/03 | 53110 | 1 | 15,17/03 | 54359 | 2 | 38/03 | 55190 | 2 | 47,52/03;2,9,11,20/04 |
| 51420 | 5 | 42/03 | 53111 | 3 | 11/04 | 54360 | 12 | 20,21,34,50/03;6/04 | 55200 | 2 | 20,25,26,27,28,32,33,36, |
| 51440 | 4 | 42/03 | 53120 | 14 | 17,31,35/03;11,13/04 | 54361 | 10 | 38/03 | 55200 | 2 | 39,42,45,46,47,50,52/03; |
| 51500 | 6 | 20/03 | 53122 | 3 | 16/03 | 54363 | 3 | 21,50/03;2,6/04 | 55200 | 2 | 4,11,14,17,20/04 |
| 51540 | 3 | 22,45/03 | 53123 | 3 | 29/03 | 54365 | 6 | 21/03 | 56011 | 1 | 50,52/03;10/04 |
| 51560 | 11 | 50/03 | 53130 | 1 | 18/03 | 54368 | 4 | 50/03 | 56031 | 1 | 17,21/03 |
| 51562 | 10 | 50/03 | 53133 | 4 | 33,*45/03 | 54369 | 4 | 20,21,34,50/03;2/04 | 56041 | 4 | 21/03 |
| 51580 | 13 | 41/03 | 53147 | 3 | 17,20,35/03 | 54380 | 6 | 16,18,28,34/03;17/04 | 56060 | 9 | 27/*38/03;18/04 |
| 51600 | 12 | 20,39/03 | 53149 | 2 | 11/04 | 54382 | 9 | 16,28,40/03;15/04 | 56063 | 1 | 16/03 |
| 51620 | 10 | 20,39/03 | 53161 | 8 | 18/03 | 54386 | 10 | 16,18/03 | 56064 | 6 | 16/03;8,18/04 |
| 51621 | 9 | 20/03;20/04 | 53162 | 7 | 15/03 | 54387 | 7 | 16,18,30,39,42/03 | 56065 | 3 | 16,38/03;8,18/04 |
| 51641 | 4 | 32,34,40/03 | 53166 | 1 | 6/04 | 54400 | 8 | 16,22,30,36,37/03;13,14, | 56067 | 3 | 20,38/03;8,10/04 |
| 52031 | 1 | 21,48,49/03;7,10,13, | 53180 | 10 | 15,18,20,21,29/03;11/04 | | | 19/04 | 56081 | 19 | 5/04 |
| | | 20/04 | 53181 | 4 | 21/03 | 54403 | 4 | 24,30,36/03;19/04 | 56082 | 16 | 29/03 |
| 52039 | 4 | 18,21,45/03 | 53182 | 4 | 15,16/03 | 54407 | 4 | 16,30,37,49/03;13,14/04 | 56100 | 14 | 33/03* |
| 52040 | 17 | 16,18,34/03;13,20/04 | 53183 | 13 | 20/03 | 54409 | 2 | 13/04 | 56101 | 6 | 5/04 |
| 52042 | 6 | 22/03* | 53184 | 5 | 18,20/03 | 54413 | 3 | 37/03 | 56102 | 23 | 5/04 |
| 52043 | 21 | 48,50,52/03;1/04 | 53200 | 6 | 15,16,20,30/03;4,11, | 54416 | 5 | 33,37/03 | 56103 | 6 | 33/03;5/04 |
| 52046 | 21 | 16,18,21/03;12,13,19/04 | | | 12/04 | 54417 | 1 | 30/03* | 56104 | 3 | 22/03*,5/04 |
| 52047 | 11 | 34/03;20/04 | 53201 | 6 | 18,21,38/03 | 54418 | 4 | 16,30,37,49/03 | 56105 | 1 | 38/03* |
| 52051 | 1 | 16/04 | 53202 | 6 | 15,17/03 | 54421 | 6 | 36,41,43,46,49/03;20/04 | 57000 | 10 | 43/03 |
| 52052 | 1 | 16/04 | 53204 | 10 | 1/04 | 54422 | 4 | 46/03 | 57035 | 10 | 23/03;4/04 |
| 52060 | 16 | P20,26,29,34/03;6/04 | 53205 | 3 | 26/03 | 54423 | 5 | 17/03 | 57060 | 7 | 43/03 |
| 52061 | 2 | 20,P20,26,29,34/03;6/04 | 53206 | 6 | 25/03 | 54430 | 1 | 36,43/03;2,14,20/04 | 57103 | 2 | 16/03 |
| 52062 | 7 | 23,29,34/03;1,6,7/04 | 53220 | 6 | 16/03;4,10,12/04 | 54440 | 4 | 17,38/03;13/04 | 57170 | 1 | 52/03;20/04 |
| 52066 | 3 | 16/03 | 53226 | 3 | 17,18,35/03;12/04 | 54442 | 5 | 17,51/03;4/04 | 57200 | 6 | 5/04 |
| 52080 | 14 | 20,P20,26,48,49/03;5,7, | 53262 | 8 | 1/04* | 54443 | 5 | 1/04 | 57201 | 5 | 5/04 |
| | | 20/04 | 53263 | 1 | 17/03 | 54444 | 5 | 17/03;15/04 | 57241 | 12 | 31/03 |
| 52082 | 3 | 20,P20,26/03 | 53264 | 5 | 17/03 | 54448 | 8 | 17,21/03;7,13/04 | 57242 | 8 | 41/03 |
| 52083 | 2 | 16,46,48/03 | 53265 | 6 | 15,16/03 | 54481 | 8 | 33,43/03;7,13/04 | 57245 | 1 | 41/03 |
| 52084 | 2 | 18/03 | 53266 | 4 | 17/03 | 55001 | 4 | 15,28,29,33,35,36,39,43, | 57260 | 3 | 23/03 |
| 52085 | 3 | 16,46/03 | 53269 | 5 | 17/03 | 55040 | 4 | 16,20,21,35,36,39,41,42, | 57261 | 2 | 23/03 |
| 52086 | 2 | 36/03;5,7/04 | 53279 | 3 | 15/03 | 55041 | 7 | 50,52/03;6,9,13,17,19/04 | 57262 | 4 | 23/03 |
| 52087 | 1 | 6/04 | 53281 | 4 | 15,18/03 | 55042 | 1 | 17,35,37/03;9,19/04 | 57262 | 4 | 23/03 |
| 52088 | 3 | 10*,20/04 | 53283 | 4 | 40/03;6/04 | 55043 | 2 | 37,52/03;3,9/04 | 57381 | 12 | 15,16,23,30/4,04 |
| 52092 | 1 | 16,48/03 | 53284 | 4 | 21,24/03 | 55044 | 5 | 16,42,52/03;1,2/04 | 57408 | 2 | 24/03 |
| 52120 | 12 | 16,18/03;6,19/04 | 53285 | 4 | 15/03 | 55045 | 5 | 16,20,21,35,36,39,41,42, | 57446 | 8 | 41/03 |
| 52121 | 8 | 16,23/03 | 53287 | 6 | 15,22/03 | 55046 | 5 | 16,20,21,35,36,39,41,42, | 57448 | 19 | 15,23,24,27,30/04 |
| 52122 | 14 | 13,14/04 | 53301 | 4 | 22/03 | 55047 | 5 | 16,20,21,35,36,39,41,42, | 57448 | 6 | 24/03 |
| 52124 | 1 | 6/04 | 53306 | 2 | 31,43/03 | 55048 | 12 | 20/03;1,8,13,15/04 | 57448 | 19 | 15,23,24,27,30/04 |
| 52125 | 1 | 16,18/03;14/04 | 53311 | 3 | 37/03 | 55049 | 7 | 28/03;17/04 | 57448 | 6 | 24/03 |
| 52140 | 6 | 18,29,46,49,52/03;5,7, | 54040 | 3 | 20/03;11/04 | 55050 | 1 | 44/03 | 57448 | 6 | 24/03 |
| | | 12/04 | 54041 | 7 | 16,17,24/03 | 55051 | 3 | 44/03 | 57448 | 6 | 24/03 |
| 52141 | 5 | 41,44,46,49/03 | 54043 | 2 | 17/03 | 55052 | 3 | 44/03 | 57448 | 11 | 24/03 |
| 52142 | 3 | 14*,20/04 | 54060 | 5 | 16/03;6,12/04 | 55053 | 7 | 28/03;17/04 | 57448 | 19 | 15,23,24,27,30/04 |
| 52143 | 8 | 18/03;7/04 | 54061 | 11 | 42/03 | 55054 | 1 | 28/03 | 57448 | 6 | 24/03 |
| 52144 | 5 | 16,18,21,23,47/03;7/04 | 54082 | 12 | 10/04 | 55056 | 5 | 28,33/03 | 61000 | 20 | 15,23,27,31/03;20/04 |
| 52160 | 7 | 50,52/03;14/04 | 54083 | 4 | 10/04 | 55063 | 1 | 44/03 | 61020 | 2 | 27/03 |
| 52161 | 14 | 52/03 | 54085 | 2 | 15,24,42/03 | 55064 | 3 | 8/04 | 61040 | 6 | 31/03;20/04 |
| 52164 | 2 | 14/04 | 54090 | 3 | 15,19/03;6,12/04 | 55082 | 9 | 25,32,44,46,50/03;20/04 | 61050 | 4 | 15,31/03 |
| 52170 | 3 | 16,42,52/03;10/04 | 54095 | 3 | 15,30,42/03 | 55084 | 7 | 39/03;11/04 | 61051 | 7 | 15,24/03 |
| 52172 | 2 | 52/03 | 54105 | 3 | 17,19,50/03;10/04 | 55085 | 9 | 31,33,36,39,46,50/03;9, | 61060 | 5 | 27,39/03 |
| 52180 | 14 | 15,16,50/03;6/04 | 54115 | 3 | 15,30/03;10/04 | 55100 | 8 | 28,29,33,34,39,43,44/03; | 61061 | 9 | 15,24/03 |
| 52183 | 9 | 52/03 | 54120 | 5 | 15,17,19,19/03;10/04 | 55101 | 4 | 6/04 | 61070 | 4 | 39/03 |
| 52200 | 8 | 17/03 | 54125 | 3 | 15,17,30,47/03 | 55101 | 4 | 25,32,34,38,39,42,43,46, | 61071 | 9 | 18,39/03 |
| 52220 | 7 | 27/03 | 54131 | 2 | 50/03;12/04 | 55102 | 3 | 15,25,32,36,43,44,50, | 61090 | 5 | 27/03 |
| 52221 | 7 | 27/03 | 54140 | 7 | 15,30,47,51/03 | 55103 | 2 | 15,19,20,25,26,27,31,35, | 61091 | 5 | 18,24,27,35/03 |
| 52223 | 4 | 27/03 | 54151 | 1 | 42/03 | 55104 | 2 | 19,31,33,36,45,46,52/03; | 61092 | 13 | 18,27,35,39/03 |
| 52240 | 9 | 27/03;20/04 | 54161 | 12 | 20,21/03 | 55105 | 3 | 2,6,13/04 | 61110 | 3 | 25/03 |
| 52243 | 11 | 20/04 | 54165 | 2 | 38/03 | 55106 | 2 | 15,19,20,25,26,27,31,35, | 61111 | 12 | 25,27,34/03 |
| 52262 | 6 | 4/04 | 54167 | 2 | 20/03 | 55107 | 3 | 6,13/04 | 61112 | 10 | 35/03 |
| 52263 | 5 | 4/04 | 54168 | 1 | 17,38/03 | 55108 | 3 | 9/04 | 61130 | 3 | 9/04 |
| 53011 | 2 | 7,10/04 | 54169 | 3 | 17,38/03;14/04 | 55109 | 2 | 15,22,33,34,39,42,43,46, | 61140 | 5 | 9/04 |
| 53031 | 1 | 24,31,49/03;6,7/04 | 54180 | 6 | 30,42,47,51/03 | 55110 | 2 | 19,31,33,36,45,46,52/03; | 61141 | 6 | 35/03;9,14/04 |
| 53058 | 2 | 37/03 | 54181 | 7 | 48/03* | 55110 | 2 | 2,6,13/04 | 61142 | 6 | 35,39/03;9,14/04 |
| 53060 | 14 | 31,36,39,44/03;6,11/04 | 54195 | 2 | 51/03 | 55111 | 2 | 15,29,33,36,42,43,48, | 61150 | 4 | 38/03 |
| 53061 | 10 | 16,17,38,44/03;15,17/04 | 54222 | 4 | 20/03 | 55112 | 2 | 52/03;3,9/04 | 61180 | 4 | 9/04</td |

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/03 THROUGH NM 20/04

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. | Chart No. | Ed. No. | Notice to Mariners No. | Chart No. | Ed. No. | Notice to Mariners No. | Chart No. | Ed. No. | Notice to Mariners No. |
|-----------|---------|--|-----------|---------|--|-----------|---------|--|-----------|---------|--------------------------------|
| 61591 | 4 | 28/03 | 62580 | 3 | 35/03;9/04 | 71335 | 2 | 38/03 | 74190 | 7 | 16,31,34,39/03 |
| 61610 | 7 | 34/03 | 62584 | 2 | 7/04 | 71340 | 11 | 33/03 | 74191 | 2 | 29/03;5/04 |
| 61611 | 11 | 34/03 | 62590 | 2 | 17,18,21,23,30,37,43, 50/03;1,11,12,15,18/04 | 71348 | 3 | 23/03 | 74192 | 3 | 40/03 |
| 61612 | 4 | 34/03 | 62591 | 3 | N17,N18,N21,N30,N35, N37,N43,N50/03;N1, N11,N12,N15,N18/04 | 71349 | 2 | 23/03 | 74200 | 8 | 32,40/03 |
| 62001 | 5 | 28,50/03;9/04 | 62591 | 3 | N17,N18,N21,N30,N35, N37,N43,N50/03;N1, N11,N12,N15,N18/04 | 71400 | 5 | 23/03 | 74201 | 9 | 32/03;11/04 |
| 62024 | 13 | 29/03 | 62591 | 3 | N17,N18,N21,N30,N35, N37,N43,N50/03;N1, N11,N12,N15,N18/04 | 71402 | 1 | 33/03 | 74202 | 3 | 27/03 |
| 62028 | 15 | 13/04 | 63000 | 13 | 40/03 | 71410 | 1 | 23/03 | 74204 | 5 | 32,40,46/03;11/04 |
| 62032 | 16 | 17,21,41,03;8/04 | 63005 | 18 | 16/03 | 71420 | 1 | 23/03 | 74205 | 2 | 27,32,35/03;1/04 |
| 62033 | 3 | N17,N21,N41/03;N8/04 | 63010 | 14 | 44/03 | 71430 | 3 | 20,23/03 | 74206 | 2 | 27,32,35/03 |
| 62046 | 3 | 19/03* | 63010 | 14 | 44/03 | 71440 | 2 | 23/03;11,14/04 | 74210 | 7 | 17,37,46/03 |
| 62090 | 7 | 11/04 | 63040 | 2 | 52/03 | 71455 | 2 | 23/03 | 74220 | 8 | 30,37,46,50/03;11,15/04 |
| 62095 | 3 | 32/03 | 63050 | 2 | 45/03 | 71460 | 1 | 23/03 | 74221 | 2 | 30,38/03 |
| 62097 | 6 | 38/03* | 63053 | 4 | 39,45/03 | 72000 | 8 | 20,21,23,24,27/03 | 74229 | 2 | 18,26,50/03 |
| 62098 | 7 | 33/03* | 63055 | 2 | 39/03 | 72007 | 10 | 27,50/03;9/04 | 74230 | 7 | 36,46,50/03;12,15/04 |
| 62100 | 6 | P23,26/03;11/04 | 63060 | 7 | 45/03 | 72014 | 10 | 19/03;9/04 | 74231 | 7 | 21,36,50/03;10/04 |
| 62110 | 9 | P23,26/03;9/04 | 63062 | 7 | 16,18,37,44,50/03 | 72021 | 8 | 20,23,27,50/03;9/04 | 74232 | 9 | 21/03;8/04 |
| 62142 | 10 | 32/03 | 63063 | 9 | 20/03 | 72028 | 7 | 22/03 | 74234 | 1 | 17/03 |
| 62143 | 3 | 32/03 | 63065 | 6 | 44/03 | 72035 | 8 | 21,27/03;9/04 | 74240 | 8 | 41,46/03;13/04 |
| 62177 | 3 | 12/04 | 63070 | 3 | 16/03 | 72045 | 2 | 27/03;9/04 | 74251 | 8 | 17,21,03;15/04 |
| 62188 | 3 | 50/03 | 63090 | 8 | 15,30,40/03 | 72050 | 4 | 23/03 | 74252 | 9 | 10/04 |
| 62191 | 15 | 15,28/03 | 63091 | 4 | 5/04 | 72085 | 3 | 15*,50/03;9/04 | 74253 | 6 | 16,20,21,30/03;10,13, 15/04 |
| 62195 | 7 | 19/03* | 63100 | 2 | 30/03 | 72100 | 7 | 19/03 | 74261 | 9 | 30,39/03 |
| 62220 | 9 | 21/03* | 63101 | 15 | 15,30,40/03;16/04 | 72103 | 2 | 19/03 | 74265 | 2 | 16,21,30,30/03;10,13,15/04 |
| 62222 | 5 | 19/03* | 63102 | 19 | 15,30,40/03;16/04 | 72105 | 2 | 19,50/03;9/04 | 74270 | 3 | 38/03;10,15/04 |
| 62225 | 3 | 17/03 | 63103 | 17 | 15,16/03;16/04 | 72107 | 2 | 19/03 | 74271 | 9 | 19,26,27,29,30,38/03; 10/04 |
| 62230 | 2 | 50/03;9/04 | 63110 | 4 | 16/03 | 72110 | 9 | 9/04 | 74272 | 7 | 19,29,30/03;9,15/04 |
| 62241 | 10 | 5/04 | 63111 | 9 | 16/04 | 72120 | 3 | 9/04 | 74273 | 5 | 19,27/03;10,15/04 |
| 62250 | 4 | 32/03 | 63200 | 5 | 30/03;10/04 | 72173 | 2 | 9/04 | 74281 | 7 | 30,52/03;17/04 |
| 62270 | 4 | 29,32/03 | 63201 | 9 | 30/03 | 72181 | 2 | 50/03 | 74283 | 2 | 27,52/03 |
| 62271 | 5 | 13/04 | 63205 | 2 | 30/03;10/04 | 72203 | 2 | 9/04 | 74285 | 2 | 16,38,50/03 |
| 62290 | 3 | 21,P23,26/03;11/04 | 63210 | 3 | 16,30/03 | 72223 | 8 | 27/03 | 74286 | 2 | 29,35/03 |
| 62295 | 3 | 21,P23,26/03 | 63240 | 4 | 19/03 | 72231 | 8 | 21/03 | 74287 | 2 | 47/03 |
| 62310 | 2 | 29/03 | 63250 | 6 | 5,16/04 | 72234 | 2 | 18,19/03 | 74289 | 5 | 10/04 |
| 62340 | 3 | 13/04 | 63252 | 1 | 33/03 | 73000 | 9 | 20,21/03;10/04 | 74290 | 11 | 16,27,30,38,50/03;15, 18/04 |
| 62350 | 3 | 13/04 | 63260 | 5 | 5/04 | 73002 | 4 | 10/04 | 74292 | 8 | 27,52/03;1/04 |
| 62355 | 6 | 29/03 | 63271 | 8 | 9/04 | 73004 | 4 | 8,10/04 | 74293 | 7 | 16/03;18/04 |
| 62366 | 4 | 33/03*,9/04 | 63290 | 7 | 22/03 | 73006 | 2 | 10/04 | 74295 | 3 | 27,29,35/03;1/04 |
| 62391 | 5 | 33/03* | 63291 | 9 | 16/03 | 73008 | 8 | 23/03 | 74296 | 4 | 27,52/03;15/04 |
| 62393 | 7 | 8/04 | 63310 | 5 | 9/04 | 73010 | 3 | 10/04 | 74320 | 3 | 18,41,43/03 |
| 62394 | 10 | 8/04 | 63320 | 8 | 37,49/03;9,16/04 | 73014 | 10 | 10/04 | 74340 | 3 | 16/03 |
| 62395 | 3 | 25/03* | 63321 | 6 | 37,49/03;16/04 | 73016 | 4 | 10/04 | 74350 | 4 | 16,44/03 |
| 62400 | 17 | 31/03;13/04 | 63322 | 2 | 49/03 | 73018 | 3 | 10/04 | 74376 | 5 | 16,44/03 |
| 62401 | 9 | 41/03;8/04 | 63324 | 1 | 9/04 | 73020 | 9 | 21,22/03;10/04 | 74380 | 4 | 26/03 |
| 62405 | 8 | 43/03 | 63370 | 1 | 20/03 | 73022 | 4 | 10/04 | 74391 | 3 | 26/03 |
| 62406 | 2 | 28/03;9,13/04 | 71005 | 1 | 16,23/03 | 73030 | 4 | 22/03 | 74392 | 7 | 25,49/03 |
| 62408 | 7 | 8/04 | 71006 | 5 | 23/03 | 73032 | 4 | 22/03 | 74393 | 9 | 39/03;13/04 |
| 62411 | 1 | 10,13,17/04 | 71015 | 4 | 23/03 | 73141 | 5 | 10/04 | 74394 | 2 | 39/03;13/04 |
| 62412 | 12 | 52/03 | 71018 | 10 | 15,21,25,26,27/03 | 73191 | 3 | 10/04 | 74420 | 3 | 19,27,31,39,48/03 |
| 62413 | 12 | 28*,50,52/03;10/04 | 71027 | 9 | 18,23,33/03;14/04 | 73552 | 4 | 38/03;18/04 | 74449 | 2 | 19,03;13/04 |
| 62417 | 1 | 10,13/04 | 71033 | 31 | 15,23/03 | 73580 | 4 | 43/03 | 74450 | 3 | 37/03 |
| 62420 | 5 | 52/03;10/04 | 71036 | 8 | 23,26/03 | 73581 | 4 | 43/03 | 74455 | 3 | 38,49/03 |
| 62432 | 17 | 50/03*,11/04 | 71040 | 5 | 47/03 | 73590 | 6 | 36,43/03 | 74460 | 4 | 20,37/03 |
| 62434 | 9 | 17,18,21,23,43,50/03;1,4, 5,11,12,15/04 | 71045 | 2 | 23/03 | 73601 | 3 | 43/03;12/04 | 74465 | 2 | 36,38/03 |
| 62437 | 10 | 30*,32,35,37/03;5,15/04 | 71081 | 3 | 21/03 | 73631 | 4 | 17,40/03 | 74475 | 2 | 42,48/03 |
| 62440 | 8 | 16*,41/03;8/04 | 71180 | 29 | 15,21,23/03 | 73640 | 5 | 16,40/03;10/04 | 74494 | 2 | 16/03 |
| 62442 | 6 | 24/03 | 71185 | 24 | 15/03 | 73650 | 5 | 40/03 | 74510 | 2 | 17,18,35,38/03;13/04 |
| 62446 | 3 | 43/03 | 71210 | 18 | 23,27/03 | 73653 | 1 | 40/03 | 74515 | 4 | 31,35/03 |
| 62449 | 4 | 8/04 | 71241 | 10 | 16,20/03;15/04 | 74000 | 6 | 18,41/03 | 74517 | 3 | 31/03 |
| 62451 | 7 | 5,9/04 | 71243 | 5 | 15/03* | 74002 | 2 | 31/03 | 74530 | 2 | 36,49/03 |
| 62453 | 4 | 16*,50,52/03;10/04 | 71244 | 3 | 11/04 | 74003 | 5 | 31,34/03 | 74535 | 2 | 36,38,49/03 |
| 62459 | 2 | 41/03 | 71247 | 18 | 17,21,22/03;11,12,15/04 | 74004 | 2 | 30/03;12/04 | 74545 | 3 | 18,32/03 |
| 62460 | 4 | 9/04 | 71248 | 2 | N10,N14/04 | 74005 | 2 | 16,27,30,38/03;15/04 | 74550 | 4 | 32/03 |
| 62480 | 2 | 16*,18,32,41/03;8,9/04 | 71249 | 2 | 14/04 | 74007 | 1 | 46/03 | 74555 | 3 | 12/04 |
| 62490 | 2 | 16*,17,18,21,23,50/03; 12,15,18/04 | 71251 | 11 | 15,21,50/03;10,12,14/04 | 74008 | 6 | 15/04 | 74560 | 10 | 18,31,32/03;15/04 |
| 62498 | 4 | 31/03;13/04 | 71253 | 10 | 16,17,21/03;12,14/04 | 74009 | 10 | 21,36,44/03 | 74581 | 9 | 27,31,39,48/03 |
| 62499 | 4 | 31/03 | 71255 | 6 | 28/03*,10,11,12/04 | 74012 | 10 | 19,20,27,36,37/03;8/04 | 74582 | 9 | 17,20,27,31,39,48/03 |
| 62510 | 3 | 8,9/04 | 71257 | 2 | 16/03;10,11,12,14,15/04 | 74015 | 10 | 21,31,36/03;8,13/04 | 74583 | 15 | 38,48/03;12/04 |
| 62512 | 3 | N8,N9/04 | 71259 | 3 | 15*,17,19,44/03;10,11, 14,15/04 | 74016 | 3 | 27,42,48/03 | 74584 | 5 | 26,27,36,38,39,48/03 |
| 62520 | 6 | 20*,28,32,41/03;8,9/04 | 71272 | 10 | 19/03 | 74017 | 4 | 18,31,38/03;13/04 | 74591 | 7 | 38/03;12/04 |
| 62521 | 4 | N20*,N28,N32,N41/03; N8,N9/04 | 71261 | 8 | 16/03 | 74024 | 7 | 36,49/03 | 74595 | 2 | 42/03 |
| 62530 | 6 | 20*,28,32,52/03;9,17/04 | 71262 | 7 | 33/03 | 74027 | 9 | 39/03 | 75000 | 6 | 31/03 |
| 62531 | 4 | N20*,N28,N32,N52/03; N9,N17/04 | 71265 | 3 | 15,16,20/03;10,11,14, 15/04 | 74030 | 6 | 42/03 | 75025 | 9 | 25,27,36,38,39/03;8/04 |
| 62540 | 6 | 17,18,21,30,35,43,50/03; 9,12,15,18/04 | 71271 | 10 | 19/03 | 74051 | 2 | 42/03 | 75035 | 18 | 26,27/03;8/04 |
| 62541 | 3 | N17,N18,N21,N30,N35, N43,N50/03;N9,N12, N15,N18/04 | 71273 | 2 | 51/03 | 74151 | 9 | 20,29,40,41/03;19/04 | 75051 | 6 | 5,11/04 |
| 62550 | 3 | 16*,28,32,52/03;5,9,10, 17/04 | 71275 | 3 | 16,19,33/03 | 74152 | 11 | 27,30,34/03;1,13,19/04 | 75052 | 2 | 10,11/04 |
| 62560 | 4 | 16*,18/03;5,8,9,17/04 | 71281 | 7 | 34/03 | 74153 | 2 | 27,41/03;1,19/04 | 75130 | 16 | 16,19,25,26,37/03 |
| 62567 | 4 | 17,18,30,35,37,43,50/03; 1,5,9,11,12,15,18/04 | 71285 | 3 | 19/03 | 74171 | 4 | 18,20,40/03 | 75131 | 7 | 17,39/03 |
| 62550 | 3 | 16*,28,32,52/03;5,9,10, 17/04 | 71295 | 2 | 19/03 | 74172 | 5 | 18,40/03 | 75132 | 11 | 17,19,25,29,32,35/03; 9/04 |
| 62560 | 4 | 16*,18/03;5,8,9,17/04 | 71305 | 2 | 23/03 | 74181 | 8 | 34/03 | 75134 | 3 | 19,29,37,45/03;9/04 |
| 62570 | 4 | 17,18,30,35,37,43,50/03; 1,5,9,11,12,15,18/04 | 71320 | 1 | 33,38/03 | 74182 | 12 | 17,25,34,38,39,40,41,42, 49/03;11,17/04 | 75142 | 5 | 35/03;9/04 |
| 62570 | 4 | 17,18,30,35,37,43,50/03; 1,5,9,11,12,15,18/04 | 71330 | 13 | 33,38/03 | 74183 | 11 | 17,25,38/03 | 75143 | 4 | 10/04 |
| 62572 | 1 | 50/03*;11/04</ | | | | | | | | | |

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/03 THROUGH NM 20/04

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. | Chart No. | Ed. No. | Notice to Mariners No. | Chart No. | Ed. No. | Notice to Mariners No. | Chart No. | Ed. No. | Notice to Mariners No. |
|-----------|---------|----------------------------|-----------|---------|--|-----------|---------|--|-----------|---------|-----------------------------------|
| 75160 | 6 | 17,18,19,25,32/03 | 83590 | 1 | 45/03 | 94164 | 2 | 16,19,41,42,43/03;17/04 | 95167 | 10 | 17,21/03 |
| 75170 | 12 | 25,38/03 | 91005 | 6 | 19,42/03 | 94165 | 4 | 18,24,43/03;13,18/04 | 95169 | 2 | 16,23/03 |
| 75171 | 22 | 16,26,35,38,40,44/03;10/04 | 91020 | 5 | 19,46/03 | 94180 | 9 | 23,28,44/03;6,16,17, 18/04 | 95171 | 1 | 21,37/03 |
| 75172 | 5 | 49/03 | 91025 | 8 | 46/03 | 94187 | 3 | 23,36,45,46/03;12,18/04 | 95172 | 1 | 21,32/03 |
| 75173 | 9 | 20,26,35,38,40/03 | 91175 | 2 | 6/04 | 94188 | 2 | 28/03 | 95173 | 1 | 28/03 |
| 75175 | 9 | 18/03 | 91280 | 7 | 19,43,46/03 | 94201 | 1 | 24,28/03 | 95174 | 1 | 27/03 |
| 75176 | 9 | 25,26,32,40,44/03 | 91289 | 19 | 43/03 | 94203 | 10 | 24,41,42/03 | 95176 | 2 | 30,35/03 |
| 75177 | 7 | 26,38/03 | 91294 | 8 | 19/03 | 94206 | 3 | 19,44/03;18/04 | 95180 | 11 | 21,23/03 |
| 75180 | 2 | 25,38/03 | 91297 | 9 | 19/03 | 94207 | 5 | N19/03 | 95185 | 2 | 35/03 |
| 75185 | 2 | 36/03 | 91300 | 3 | 46/03 | 94216 | 6 | 17,42,44,47/03;1,5/04 | 95200 | 6 | 23/03 |
| 75190 | 2 | 25,36/03 | 91331 | 3 | 42/03 | 94217 | 4 | 2,5/04 | 95243 | 4 | 15/04 |
| 75191 | 6 | 19,30,34,36,38/03 | 91340 | 3 | 42/03 | 94218 | 3 | 18/03;2,5,17/04 | 95250 | 4 | 16,20,22,36/03;19/04 |
| 75193 | 6 | 16,19,35/03 | 92006 | 5 | 10/04 | 94219 | 1 | 46/03;6/04 | 95258 | 3 | 16,18/03 |
| 75207 | 2 | 16,33,37,43,49/03 | 92025 | 3 | 42/03 | 94220 | 4 | 17,18,33,42,44,47/03;5, 18/04 | 95261 | 7 | 16,23,28,36,47/03;14/04 |
| 75208 | 2 | 30,33/03 | 92030 | 4 | 42/03 | 94260 | 5 | 31/03 | 95262 | 13 | 27,36/03 |
| 75213 | 2 | 33,38/03 | 92150 | 3 | 43/03 | 94280 | 5 | 15,32/03 | 95264 | 8 | 25/03 |
| 75215 | 2 | 33,38/03 | 92160 | 3 | 43/03 | 94281 | 6 | 42/03 | 95267 | 6 | 15/04* |
| 75220 | 12 | 20,26,39/03;8/04 | 92170 | 3 | 43/03 | 94282 | 9 | 7,13/04 | 95270 | 4 | 20,21,22,23,26,35,52/03 |
| 75222 | 8 | 1/04 | 92290 | 2 | 19/03 | 94283 | 7 | 32/03;7,13,14/04 | 95271 | 4 | 20,26,36/03 |
| 75240 | 4 | 27,39/03;8/04 | 92296 | 3 | 19/03 | 94290 | 2 | 31/03;7/04 | 95273 | 2 | 12/04 |
| 75241 | 6 | 26,35/03 | 92410 | 3 | 42/03 | 94322 | 14 | 47/03;6/04 | 95274 | 4 | 15/04* |
| 75251 | 5 | 19,37,40/03;13,19/04 | 92450 | 3 | 42/03 | 94360 | 6 | 2,8,12,16,17/04 | 95276 | 4 | 1/04* |
| 75261 | 6 | 26,31,38/03;1,13,19/04 | 93006 | 2 | 43,44,48/03 | 94361 | 13 | 15/03;2,8/04 | 95280 | 9 | 20,26,52/03 |
| 75262 | 6 | 16/03;1/04 | 93010 | 6 | 18,24/03 | 94363 | 4 | 16,18,29/03;15,17/04 | 95281 | 15 | 36,45/03 |
| 75263 | 9 | 26,31/03;1/04 | 93018 | 8 | 18,24/03 | 94380 | 4 | N18/03;N18/04 | 95282 | 7 | 19,20,22,23/03;12,19/04 |
| 75264 | 17 | 27,32/03;1/04 | 93025 | 5 | 45/03 | 94420 | 3 | 23,42,44,47/03;2,12, 16/04 | 95285 | 3 | 18,20/03;12/04 |
| 75265 | 2 | 20,31,32,38,40/03 | 93032 | 3 | 24/03 | 94421 | 10 | 12/04 | 95300 | 5 | 44/03;2/04 |
| 76015 | 1 | 28,45,52/03;3/04 | 93047 | 2 | 24/03 | 94423 | 12 | 12/04 | 95320 | 15 | 20,21,26,33,40/03;10,13, 14/04 |
| 76030 | 9 | 52/03;3/04 | 93048 | 1 | 33/03 | 94440 | 2 | 18/03 | 95341 | 8 | 40,44/03;10,13,14/04 |
| 76040 | 8 | 47/03 | 93160 | 4 | 24,47/03 | 95065 | 5 | 31/03 | 95342 | 16 | 16,20/03;10,13/04 |
| 76050 | 8 | 18,28,52/03 | 93180 | 7 | 47/03 | 95066 | 11 | 17,19,21,23,25,27,31,32, 33,37/03;6,17/04 | 96000 | 5 | 17,20/04 |
| 76052 | 8 | 28/03 | 93220 | 6 | 47/03 | 95067 | 13 | 17,23,28,37/03;17,20/04 | 96004 | 14 | 16/04 |
| 76054 | 5 | 52/03 | 93240 | 11 | 16,24,47/03 | 95068 | 1 | 17,25,28,29,37/03 | 96016 | 7 | 51/03 |
| 76056 | 3 | 37/03 | 93241 | 9 | 16,25/03 | 95080 | 13 | 17,19,21,23,29,31,33/03; 16,17,19/04 | 96028 | 5 | 51/03;20/04 |
| 76060 | 7 | 52/03 | 93244 | 7 | 16/03 | 95082 | 9 | 17,25,27,28,30,52/03;14, 19/04 | 96032 | 3 | 34,51/03;20/04 |
| 76061 | 3 | 52/03 | 93245 | 6 | 16,24/03 | 95083 | 8 | 19,28/03 | 96036 | 2 | 36/03;15/04 |
| 76070 | 9 | 28,45,47,51/03;3/04 | 93260 | 8 | 18,47/03 | 95084 | 7 | 17/03 | 96039 | 7 | 23,44/03;8,15/04 |
| 76071 | 9 | 28/03 | 93261 | 5 | 47/03 | 95085 | 4 | 27,33/03 | 96041 | 11 | 39,44,45/03;8,11,20/04 |
| 76080 | 8 | 18,47/03 | 93280 | 4 | 18/03 | 95086 | 5 | 23,27,31,33/03 | 96042 | 11 | 21,39,40,44,45/03;8,11, 20/04 |
| 76081 | 7 | 28,37/03 | 93520 | 13 | 15/03 | 95087 | 3 | 30,31/03;1/04 | 96043 | 8 | 11/04 |
| 76083 | 3 | 37/03 | 93650 | 2 | 24,28,49/03;2/04 | 95100 | 12 | 17,23,25,27,28,30, 31,32,48,52/03;16,17,19, 20/04 | 96044 | 10 | 23,38,51/03;2,7,20/04 |
| 76120 | 6 | 45/03 | 93652 | 2 | 24,49/03;2/04 | 95102 | 8 | 17,23,25,27,30,52/03;1/04 | 96120 | 6 | 21/03 |
| 76121 | 8 | 47/03 | 93680 | 3 | 24/03;18/04 | 95103 | 8 | 19,27,28,31/03 | 96320 | 4 | 51/03 |
| 76141 | 8 | 28,37,45,52/03 | 93688 | 3 | N18/04 | 95120 | 7 | 21,26/03 | 96340 | 4 | 45,51/03 |
| 76142 | 1 | 37,45/03 | 93690 | 2 | 45/03 | 95138 | 8 | 16,17,19,23,24,25,27,28, 30,35,36/03 | 96381 | 2 | 50/03 |
| 76144 | 1 | 28/03 | 93698 | 3 | 28,03/6/04 | 95140 | 15 | 17,21,24,25,27,29,33,35, 37,51,52/03;4,16,17,19, 20/04 | 96382 | 2 | 21/03 |
| 76146 | 1 | 28,45/03 | 93710 | 3 | 15,43,52/03 | 95141 | 8 | 17,19,21,23,25,29,37, 51/03;4,20/04 | 96440 | 3 | 11/04 |
| 76147 | 1 | 28/03 | 93720 | 10 | 15,17,20,24,28,42,43,44, 48,49/03 | 95142 | 9 | 19,23,29/03 | 96441 | 1 | 50/03;20/04 |
| 76160 | 4 | 28/03 | 93721 | 5 | 17,20,23,25,40,41,43,44, 45,46,48,49,50,52/03;1,4, 7,8,11,14,16/04 | 95143 | 12 | 17,23,25,27,28,29,31, 37/03;4,17,20/04 | 96480 | 3 | 51/03;11/04 |
| 76162 | 1 | 18,28/03 | 93725 | 6 | 24,49/03 | 95150 | 8 | 17,28,31/03;17,20/04 | 96500 | 6 | 39/03;8/04 |
| 76170 | 7 | 28,52/03 | 93726 | 4 | 17,45,50/03 | 95152 | 8 | 17,23,25,27,30/03 | 96520 | 7 | 8,20/04 |
| 76180 | 1 | 28/03;3/04 | 93730 | 3 | 17,24,28,31,41,42,43,46, 47,48,49/03;3,13,14,16, 17/04 | 95153 | 8 | 19,27,28,31/03 | 96521 | 3 | 21/03 |
| 81004 | 3 | 37*,43/03;9,10,17/04 | 93733 | 13 | 19,20,25,40,41,44,45,47, 48,52/03;1,4,8,14,16/04 | 95154 | 9 | 17,19,21,23,25,29,37, 37,51,52/03;4,16,17,19, 20/04 | 96540 | 5 | 11/04 |
| 81048 | 9 | 52/03*;8,9,17/04 | 93734 | 12 | 51/03*;4/04 | 95155 | 8 | 17,19,21,23,25,29,37, 37,51,52/03;4,16,17,19, 20/04 | 96560 | 5 | 51/03 |
| 81054 | 14 | 52/03*;7/04 | 93736 | 24 | 11*,16/04 | 95156 | 9 | 17,19,21,23,25,29,37, 37,51/03;4,20/04 | 96620 | 3 | 38/03;11/04 |
| 81060 | 2 | 43/03;8,9,11,17/04 | 94016 | 2 | 17,21,33,47/03 | 95157 | 9 | 16,17,19,23,24,25,27,28, 29,30/03 | 96621 | 5 | 38/03;11/04 |
| 81063 | 5 | 47/03 | 94028 | 7 | 17,21,24,27,31,33,40,51, 52/03;1,4,16,17,19,20/04 | 95158 | 11 | 16,17,19,23,24,25,27,28, 29,30/03 | 96640 | 5 | 15/04 |
| 81067 | 6 | 46/03*;12/04 | 94033 | 5 | 19,21,23,29,42,44/03;2, | 95159 | 15 | 17,21,24,25,27,29,33,35, 37,51,52/03;4,16,17,19, 20/04 | 96645 | 1 | 15/04 |
| 81076 | 10 | 41*,44/03;12/04 | 94060 | 10 | 15,18,24,31,42/03;11,13, 18/04 | 95160 | 9 | 19,24,25,27,30,32,35, 52/03;16,20/04 | 96660 | 4 | 36/03 |
| 81092 | 3 | 32/03 | 94061 | 5 | 23,41,42,52/03;11,13, 18/04 | 95161 | 17 | 19,23,28,29,30,37/03;16, 19,20/04 | 96760 | 4 | 17/04 |
| 81711 | 6 | 31/03;1/04 | 94106 | 4 | 17,18,42/03;6,15/04 | 95162 | 9 | 19,24,25,27,29,33,36, 40/03;1,14,16,17,19, 20/04 | 96762 | 4 | 50/03*;16/04 |
| 81715 | 4 | 31/03;1/04 | 94108 | 2 | 17,21,33,47/03 | 95163 | 5 | 19,28,30,31,32,35/03; | 96763 | 7 | 17,33,37,45/03;6,16/04 |
| 82005 | 5 | 17/03 | 94128 | 7 | 17,21,24,27,31,33,40,51, 52/03;1,4,16,17,19,20/04 | 95164 | 13 | 19,23,25,27,29,31,32,35, 36/03;20/04 | 96764 | 3 | 34/03* |
| 82010 | 6 | 17,39/03 | 94130 | 9 | 18,24,43,45/03;4,8,13, 16/04 | 95165 | 9 | 19,24,25,27,29,31,32,35, 36/03;20/04 | 96883 | 9 | 11/04 |
| 82015 | 13 | 39/03 | 94035 | 5 | 19,21,23,29,42,44/03;2, | 95166 | 9 | 16,21,23,24,35,37/03; | 96904 | 3 | 34/03* |
| 82020 | 7 | 39/03 | 94040 | 13 | 17,18,28,31,43,51/03;13, 18/04 | 95167 | 14 | 16,21,23,24,31,32,35,37, 38/03;20/04 | 96939 | 3 | 22/03 |
| 82095 | 2 | 12/04 | 94040 | 13 | 17,18,28,31,43,51/03;13, 18/04 | 95168 | 14 | 16,21,23,24,31,32,35,37, 38/03;20/04 | 96941 | 8 | 47/03;9,16/04 |
| 82105 | 2 | 12/04 | 94042 | 9 | 18,24,43,45/03;4,8,13, 16/04 | 95169 | 9 | 16,21,23,24,31,32,35,37, 38/03;20/04 | 96942 | 9 | 9/04 |
| 82192 | 6 | 43/03 | 94042 | 9 | 18,24,43,45/03;4,8,13, 16/04 | 95170 | 13 | 19,23,25,27,29,31,32,35, 36/03;20/04 | 96943 | 15 | 20,22,23,33,42/03;19/04 |
| 82200 | 2 | 17,41/03;12/04 | 94060 | 10 | 15,18,24,31,42/03;11,13, 18/04 | 95171 | 6 | 20/03;17/04 | 96944 | 6 | 20/03;17/04 |
| 82201 | 2 | 12/04 | 94061 | 5 | 23,41,42,52/03;11,13, 18/04 | 95172 | 9 | 20,22,23,42/03;16,19/04 | 96945 | 3 | 20,22,23,42/03;16,19/04 |
| 82215 | 2 | 41/03 | 94061 | 5 | 23,41,42,52/03;11,13, 18/04 | 95173 | 10 | 16,17/04 | 96948 | 8 | 21,22/03 |
| 82244 | 5 | 20,39/03 | 94126 | 4 | 17,18,21/03;15/04 | 95174 | 21 | 22/03 | 96949 | 21 | 22/03 |
| 82253 | 7 | 20,39/03;15/04 | 94126 | 5 | 17,18,21/03;15/04 | 95175 | 9 | 19,20/04 | 96960 | 3 | 47/03;16/04 |
| 82280 | N3 | | | | | | | | | | |

SECTION I

**CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/03 THROUGH NM 20/04**

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. | Chart No. | Ed. No. | Notice to Mariners No. | Chart No. | Ed. No. | Notice to Mariners No. |
|-----------|---------|--|-----------|---------|--------------------------------------|-----------|---------|-----------------------------------|
| 97063 | 2 | 48/03* | 97262 | 10 | 15,21,26,33,46/03;2,13, 14/04 | 807370 | 5 | N17,N25,N30,N31, N39/03;N14/04 |
| 97064 | 2 | 33,45/03 | 97263 | 10 | 15,18,21,46/03;2,14/04 | 807861 | 2 | N22/03 |
| 97065 | 2 | 48/03* | 97266 | 5 | 15,18,26,42/03;1,2,7/04 | 809055 | 7 | N16/03 |
| 97080 | 5 | 16,22,26/03;17/04 | 97267 | 16 | 18,26,27,42/03;7,9,13/04 | 809679 | 2 | N27/03 |
| 97082 | 5 | 16,34/03;10/04 | 97269 | 11 | 18,27/03;7/04 | | | |
| 97083 | 3 | 29,34,35/03 | 97270 | 6 | 7,13/04 | | | |
| 97100 | 4 | 16,17,26,49/03;16,17/04 | 97271 | 12 | 26,35,41,44/03;9,17/04 | | | |
| 97101 | 2 | 50/03* | 97272 | 11 | 23,37,47/03;1,9,13,19/04 | | | |
| 97104 | 4 | 41/03 | 97273 | 11 | 34*,52/03;1,9/04 | | | |
| 97105 | 3 | 41/03;17/04 | 97274 | 19 | 15,17,18,23,37,47,52/03; 7,9/04 | | | |
| 97108 | 4 | 50/03* | 97275 | 3 | 52/03* | | | |
| 97120 | 6 | 16,17,25,40,44,45,49/03 | 97276 | 2 | 50/03* | | | |
| 97140 | 17 | 16,25,40,44,45,46,49, 52/03 | 97277 | 11 | 35,39/03;1,13/04 | | | |
| 97141 | 5 | 20/03;6/04 | 97278 | 12 | 14/04* | | | |
| 97143 | 11 | 20,25,26,44,49/03;6/04 | 97279 | 9 | 27/03 | | | |
| 97144 | 14 | 20,39,44,49/03;6/04 | 97281 | 3 | 50/03* | | | |
| 97145 | 1 | 25,40,45,47/03 | 97285 | 6 | 17,36/03;7/04 | | | |
| 97146 | 10 | 15,39/03 | 97286 | 6 | 17,35,36,38/03 | | | |
| 97148 | 9 | 27/03 | 97287 | 5 | 20/03 | | | |
| 97149 | 20 | 16,25/03;12/04 | 97300 | 6 | 25,26/03;6/04 | | | |
| 97150 | 13 | 20,27,42,49/03 | 97303 | 3 | 45/03 | | | |
| 97151 | 16 | 16,20,25,49/03 | 97320 | 6 | 25,46/03;6,14/04 | | | |
| 97152 | 9 | 1*,6/04 | 97340 | 8 | 16,17,18,22,36,46,47/03; 9,14/04 | | | |
| 97153 | 8 | 52/03* | 97341 | 9 | 16,21,47/03 | | | |
| 97155 | 14 | 18,20,28/03;10,12,20/04 | 97342 | 14 | 17,18,22,27,43/03 | | | |
| 97157 | 2 | 40/03*;1/04 | 97343 | 12 | 17,25/03;9/04 | | | |
| 97158 | 5 | 50/03* | 97345 | 2 | 50/03 | | | |
| 97159 | 6 | 16,44,46,52/03 | 97360 | 6 | 18,27,43,45,47/03 | | | |
| 97163 | 14 | 36/03;11/04 | 97380 | 7 | 16,23,38,40,45/03;17/04 | | | |
| 97164 | 1 | 16,52/03 | 97381 | 7 | 27,43,45/03 | | | |
| 97165 | 1 | 16,52/03 | 97382 | 2 | 42/03 | | | |
| 97166 | 1 | 21,46/03 | 97383 | 16 | 42,46,47/03 | | | |
| 97167 | 2 | 21/03 | 97384 | 4 | 19/03 | | | |
| 97180 | 6 | 20,22,26,44/03;19/04 | 97385 | 10 | 46,47/03 | | | |
| 97181 | 20 | 17,18,20,22,23,26,27,35, 44,46/03;1,7,19/04 | 97387 | 2 | 42,46/03;10/04 | | | |
| 97182 | 13 | 17,18,20,21,22,23,27,35, 46/03;1,9/04 | 97389 | 2 | 45*,47/03 | | | |
| 97183 | 9 | 16,18,22,26,43,44/03 | 97390 | 5 | 16,36/03;7/04 | | | |
| 97184 | 15 | 18,22,39,44/03 | 97391 | 26 | 16/03 | | | |
| 97185 | 2 | 46/03 | 97392 | 5 | 21,23,26,33,38/03 | | | |
| 97187 | 3 | 18/03;2,16/04 | 97396 | 14 | 16,17,23,33,38/03;2/04 | | | |
| 97188 | 3 | 50/03*;7,9/04 | 97397 | 7 | 16,26,44,49/03 | | | |
| 97189 | 2 | 18,22,39,43/03 | 97398 | 4 | 43/03* | | | |
| 97190 | 2 | 19/04 | 97400 | 4 | 34*,44,49/03 | | | |
| 97200 | 9 | 16,17,22,25,26,29/03; 17/04 | 97410 | 9 | 50/03*;2/04 | | | |
| 97201 | 7 | 18,28/03 | 97412 | 7 | 47/03 | | | |
| 97202 | 15 | 20,25/03 | 97420 | 17 | 33,38,40,45/03;1,13,14, 17/04 | | | |
| 97204 | 9 | 19,20,25,33,43,45,47/03; 13/04 | 97421 | 13 | 20,26,36/03 | | | |
| 97205 | 3 | 18,28/03 | 97423 | 2 | 20,26,36/03;10,17/04 | | | |
| 97206 | 3 | 50/03*;13/04 | 97425 | 6 | 45/03;1,2/04 | | | |
| 97218 | 3 | 33/03 | 97440 | 8 | 16,19,27,43,47/03;9/04 | | | |
| 97219 | 4 | 20,23,25,47/03;13/04 | 97441 | 5 | 47/03;14/04 | | | |
| 97220 | 3 | 17,18,23,29,33,46,49/03; 6,18/04 | 97443 | 6 | 15,19,25,47/03 | | | |
| 97221 | 20 | 17,18,19,20,22,23,25,26, 29,33,46/03;6,7,11,13,17, 18/04 | 97460 | 7 | 19,21,47/03;9/04 | | | |
| 97222 | 12 | 22,29/03;11,17/04 | 97461 | 9 | 19,21,22,23,26/03;9/04 | | | |
| 97223 | 3 | 16,17,22,23,46/03 | 97465 | 9 | 19,20,22,33,37/03;6, 12/04 | | | |
| 97224 | 6 | 45/03;11/04 | 97466 | 2 | 23,27/03 | | | |
| 97225 | 31 | 17,18,19,23,25,33,45,46, 49/03;6,17/04 | 97469 | 10 | 19,20,22,33,37/03;6, 12/04 | | | |
| 97226 | 7 | 18,41/03;6/04 | 97471 | 5 | N22,N33/03;N6,N10, N12/04 | | | |
| 97227 | 11 | 18,30,34/03 | 97472 | 8 | 33/03 | | | |
| 97228 | 15 | 15,17,18,20,21,22,27,29, 35,49,52/03;7/04 | 97474 | 7 | 22/03 | | | |
| 97229 | 12 | 18,28,33/03;18/04 | 97480 | 7 | 17,18,21/03;15/04 | | | |
| 97230 | 18 | 28,33/03 | 97481 | 6 | 18,20/03 | | | |
| 97231 | 11 | 23,33/03 | 97483 | 7 | 20/03;11/04 | | | |
| 97232 | 9 | 7/04* | 97521 | 6 | 16,18,20/03 | | | |
| 97233 | 12 | 15*,17/04 | 97564 | 3 | 16/03 | | | |
| 97234 | 17 | 16,41/03;7/04 | 800669 | 8 | N1,N16/04 | | | |
| 97235 | 2 | 52/03* | 800744 | 1 | N16,N36,N47,N50/03; N10/04 | | | |
| 97236 | 20 | 16,23,35,41/03;13/04 | 801217 | 1 | N19,N20,N22,N33, N37/03;N6,N12/04 | | | |
| 97237 | 6 | 41/03 | 801885 | 3 | N34/03 | | | |
| 97238 | 11 | 12/04 | 801902 | 9 | N25,N31/03;N14/04 | | | |
| 97239 | 10 | 16,23/03 | 801953 | 1 | N39,N52/03 | | | |
| 97241 | 6 | 1/04 | 802260 | 5 | N1/04 | | | |
| 97243 | 8 | 21,27,33/03;14/04 | 803404 | 2 | N8/04 | | | |
| 97245 | 11 | 29/03 | 804059 | 2 | N43/03 | | | |
| 97246 | 7 | 13/04 | 804567 | 4 | N31/03;N9/04 | | | |
| 97251 | 4 | 17,36,52/03 | 805118 | 3 | N36/03;N12/04 | | | |
| 97261 | 15 | 18,21,26,44/03;1,13/04 | 805647 | 2 | N30/03;N8,N13/04 | | | |
| | | | 806927 | 8 | N25,N30,N39/03 | | | |

SECTION II

NM 20/04

NGA HYDROGRAPHIC PRODUCTS CATALOG CORRECTIONS

| Note: Underlining indicates that column in which a correction has been made or new information added. | | | | Edition | | Price Category | Page(s) | NTM |
|---|---|---------------|-----------|-------------|-------------|----------------|---------|-------|
| NGA Ref. No. (National Stk. No.) | Title | Scale = 1: | No. | Date | | | | |
| REGION 1 | | | | | | | | |
| 15XCO15563 (7642014008581) | <u>Can. 7782, Queen Maud Gulf-Western Portion</u> | 150,000 | | <u>6/97</u> | CHS | 1-56,96 | 20/04 | |
| 16XHA16487 (7642014011355) | <u>Korovin Bay to Wall Bay</u> | 40,000 | <u>6</u> | <u>3/04</u> | NOS | 1-66,97 | 20/04 | |
| | <u>Inset: Martin Harbor</u> | 10,000 | | | | | | |
| REGION 2 | | | | | | | | |
| 22XHA22053 (7642014476550) | Canceled | | | | | 2-12,15, 62 | 20/04 | |
| 22XHA22054 (7642014921678) | <u>Bahia Malaga</u> <u>3 48 30N 77 27 30W</u> <u>4 00 30N 77 17 30W</u> | <u>25,000</u> | <u>1</u> | <u>2/04</u> | A | 2-12,15, 62 | 20/04 | |
| 25ACO25400 (7642014012012) | Trinidad to Saint Vincent | 250,000 | <u>2</u> | <u>2/04</u> | A | 2-63 | 20/04 | |
| 25BHA25613 (7642014010891) | Approaches to Anguilla, St. Martin and St. Barthelemy | 75,000 | <u>3</u> | <u>2/04</u> | A | 2-63 | 20/04 | |
| | Plan: Philipsburg | 15,000 | | | | | | |
| 28AHA28165 (7642014012208) | Puerto Santo Tomas de Castilla and Puerto Barrios | 15,000 | <u>20</u> | <u>3/04</u> | A | 2-64 | 20/04 | |
| REGION 5 | | | | | | | | |
| 54AHA54346 (7642014013129) | <u>Piraievs</u> | 15,000 | <u>9</u> | <u>4/04</u> | A | 5-10,43 | 20/04 | |
| MISCELLANEOUS CHARTS AND PUBLICATIONS | | | | | | | | |
| DNCDX007 (7644014578371) | South America | | | <u>15</u> | <u>2/04</u> | DS | 10-43 | 20/04 |
| DNCDX008 (7644014354834) | Southern Europe | | | <u>20</u> | <u>1/04</u> | DS | 10-43 | 20/04 |
| DNCDX012 (7644014474190) | Japan/North Pacific | | | <u>15</u> | <u>2/04</u> | DS | 10-43 | 20/04 |
| DNCDXVDU (7644014946812) | Digital Nautical Chart (DNC) - VPF Database Update (VDU) | | | <u>26</u> | <u>3/04</u> | DS | 10-43 | 20/04 |

Price Categories effective 1 October 2002

| | | | |
|------------|-----------|-----------|------------|
| A 17.75 | E 9.00 | G 4.50 | I 26.25 |
| D 10.75 | F 9.00 | H 2.50 | R 2.50 |

CHS Canadian Hydrographic Service

DS Distribution Limited

GPO Government Printing Office

NOS National Ocean Service

UKHO United Kingdom Hydrographic Office

* Not for sale or reproduction outside U.S.A.

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For questions concerning the availability and distribution of announced charts, users should contact the Defense Logistics Agency (DLA) at 1-800-826-0342 or 804-279-6500; DSN 695-6500; Fax 804-279-6524.

NAVIGATION PUBLICATIONS

SAILING DIRECTIONS CORRECTIONS

PUB 154 8 Ed 2002 LAST NM 19/04

Page 34—Lines 32 to 40/L; read:

It has been reported (2004) that the channel has been dredged so that vessels with a draft of 11.5m can travel single file in a dredged lane about 130 to 170m wide within the outer channel. The dredged lane contains reaches that provide the pilot with ways to deal with meeting and overtaking situations. The outer channel is about 200m wide and is designed for two-way traffic for vessels with a draft of 10.7m.

The Fraser River Port Authority maintains channel depth characteristics by providing annual dredging maintenance.

The Department of Public Works and Government Services of Canada conducts annual river surveys.

Dredging off of docks occurs from time to time so prior to arrival vessels should consult wharf owners, especially if the vessel's draft is critical.

(BA NM 14/04) 20/04

PUB 172 9 Ed 2001 LAST NM 19/04

Page 209—Line 22/L; read:

currents of up to 2 knots have been reported (2004).

(PUBS 004-04) 20/04

Page 210—Line 14/L; read:

marks the channel to Mina Rashid. It has been reported (2004) that morning haze may cause difficulty in sighting the rear range structure.

(PUBS 004-04) 20/04

Page 224—Lines 38 to 41/R; read:

Caution.—Vessels are advised not to transit through Al Shaheen North Field (Bravo) when enroute to the anchorage area.

Other oil fields and gas fields lie in the vicinity of Al Shaheen Oil Field and Terminal and are best seen on the chart.

Al Rayyan Oil Field (26°39'N., 51°33'E.), about 22 miles WNW of Al Shaheen Oil Field and Terminal, consists of a production platform and floating storage tanker. Vessels send their ETA 72 hours, 48 hours, and 24 hours in advance. Pilotage is available; pilots board about 2 miles NE of the terminal.

Between Ras Laffan and Ras Rakan, about 24 miles NW, (PUBS 001-04; US NM 47/03, Section II) 20/04

COAST PILOT CORRECTIONS

**COAST PILOT 2 33 Ed 2004 Change No. 3
LAST NM 9/04**Page 201—Paragraph 122, lines 10 to 11; read:
Harbor. A rock, covered 11 feet in 41°37'02.9"N., 70°17'21.1"W., is the westernmost ...
(H-10498)

20/04

Page 204—Paragraph 155, lines 4 to 6; read:
with Great River. Gasoline, water, ice, a launching ramp, limited marine supplies, and storage facilities are available. Hull, engine, and electrical repairs can be made; lift to 11 tons. A reported depth of about 3 feet can ...
(CL 507/03)

20/04

Page 204—Paragraph 158, lines 2 to 7; read:
arm of Eel Pond at the mouth of **Childs River**. In 2002, a reported approach depth of 3.5 feet was available. Gasoline, diesel fuel, water, ice, berths with electricity, 40-foot marine railway, pump-out station, launching ramp, storage facilities and some marine supplies are available at the boatyard; hull, engine and electrical ...
(CL 508/03)

20/04

Page 227—Paragraph 153, lines 3 to 5; read:
the southeastern corner of the harbor. Berthage in 5 feet is available at the pier. Gasoline, water, ice, electricity, a pump-out station, and a surfaced ramp are available.
(CL 507/03)

20/04

Page 263—Paragraph 37, lines 4 to 9; read:
Island Southeast Light. In 2002, the controlling depths were 13 feet in the entrance channel and 12 feet in the basin. In 2000, 12 to 15 feet were available in the inner harbor anchorage with lesser depths along the edges. The harbor is occupied by pleasure craft during ...
(BP 181976)

20/04

Page 268—Paragraph 82, line 7; read:
depth is about 18 feet. It is suitable only for small vessels ...
(CL 31/04)

20/04

Page 269—Paragraph 91, line 5; read:
on account of the heavy swirls and rips. A lighted whistle ...
(LL/04)

20/04

Page 278—Paragraph 233, line 12; read:
or westerly winds. A lighted whistle buoy is about 450 yards ...
(23/03 CG1; LL/04)

20/04

Page 281—Paragraph 275, lines 5 to 9; read:
Cormorant Reef. From here steer **261°** for about 0.8 mile until Mason Point is abeam. Then follow the buoys channel.
(CL 182/81)

20/04

Page 363—Paragraph 70, line 11; read:
protected by a breakwater with a light on the ...
(50/02 CG1; LL/04)

20/04

COAST PILOT 2 (Continued)

Page 374—Paragraph 19, lines 11 to 12; read:
in the area southward of Scotland Lighted Whistle Buoy S
(40°26'33"N., 73°55'01"W.) and westward of the meridian ...
(39/03 CG1; LL/04) 20/04

Page 416—Paragraph 224, line 11 to Paragraph 225; read:
12201-0189, telephone 1-800-4CANAL4 or visit website
<http://www.canals.state.ny.us>.
(43/03 CG1) 20/04

COAST PILOT 2 33 Ed 2004 Change No. 4

Page 84—Paragraph 1128; read:

§117.743 Rahway River.

The draw of the Conrail Bridge, mile 2.0, across the Rail-way River, at Linden, New Jersey, shall operate as follows:

- (a) The draw shall remain in the full open position at all times, and shall only be closed for the passage of rail traffic or the performance of maintenance authorized in accordance with subpart A of this part.
- (b) The draw shall be remotely operated by a bridge/train dispatcher located at the Conrail Dispatch Office at Mount Laurel, New Jersey.

(c) A marine traffic light system shall be maintained at the bridge and display flashing green lights to indicate that vessels may pass through the bridge, and flashing red lights anytime the bridge is not in the full open position.

(d) An infrared sensor system shall be maintained at the bridge to determine that no conflict with vessel traffic exists while the bridge is closing.

(e) Before the bridge may be closed from the remote location, an on-site train crewmember shall observe the waterway for any vessel traffic. All approaching vessels shall be allowed to pass before the bridge may close. The on-scene train crewmember shall then communicate with the bridge/train dispatcher at the Conrail Dispatch Office, at Mount Laurel, either by radio or telephone, to request the bridge be closed.

(f) While the bridge is moving from the full open to full closed position, the bridge/train dispatcher shall maintain constant surveillance of the navigational channel at the bridge using the infrared sensor system.

(g) If the infrared sensors detect a vessel or other obstruction approaching or under the bridge before the draw is fully lowered and locked, the closing sequence shall be stopped, automatically, and the draw shall be raised to its full open position until the channel is clear.

(h) During the downward bridge closing movement, the marine traffic light system located at the bridge will change from flashing green to flashing red, the public address system shall announce that the bridge shall be closing, and the horn shall sound two times, pause 10 seconds, then repeat two horn blasts until the bridge is seated and fully locked down.

(i) When all rail traffic has cleared the bridge, the bridge/train dispatcher shall sound the horn five-times to signal that the draw is about to open.

(j) In the event of a failure, or obstruction to the infra-

red sensor system, the bridge shall immediately be returned to the full open position until the problem is corrected.

(k) In the event of a loss of communication between the on-site personnel and the bridge/train dispatcher, the bridge shall immediately be returned to the full open position until the problem is corrected.

(l) Should the draw become inoperable from the remote site while the bridge is in the closed position, a bridge tender, maintenance personnel, or engineer shall be deployed to be on scene within one hour from the time the draw becomes inoperable until the bridge can be returned to the full open position.

(m) Trains shall be controlled so that any delay in opening of the draw shall not exceed ten minutes after a train has crossed the bridge; except, as provided in 33 CFR 117.31(b). However, if a train moving toward the bridge has crossed the home signal for the bridge, the train may continue across the bridge and must clear the bridge interlocks before stopping.
(FR 02/26/04; CL 249/04) 20/04

Page 133—Paragraph 2216 to Paragraph 2223, line 1; read:
§165.140 New London Harbor, Connecticut-Security Zone.

(a) *Security zones:*

(1) *Security Zone A.* The waters of the Thames River west of the Electric Boat Corporation Shipyard enclosed by a line beginning at a point on the shoreline at

41°20'16"N., 72°04'47"W.; then running west to
41°20'16"N., 72°04'57"W.; then running north to
41°20'26"N., 72°04'57"W.; then northwest to
41°20'28.7"N., 72°05'01.7"W.; then north-northwest to
41°20'53.3"N., 72°05'04.8"W.; then north-northeast to
41°21'02.9"N., 72°05'4.9"W.; then east to a point on the shore at
41°21'02.9"N., 72°04'58.2"W.

(2) *Security Zone B.* The waters of the Thames ...
(FR 01/29/04; CL 126/04) 20/04

Page 133—Paragraph 2234, line 2; read:
shoreline to the point of beginning.

(3) All coordinates are North American Datum 1983.
(FR 01/29/04; CL 126/04) 20/04

Page 392—Paragraph 239, line 4; read:

and **165.130**, chapter 2, for limits and regulations.)

A **restricted area** surrounds Terminal Channel, turning basin, and piers of the U.S. Naval Ammunition Depot. (See **334.1 through 334.6 and 334.102**, chapter 2, for limits and regulations.)

(33 CFR 334; NOS 12401) 20/04

COAST PILOT 2 33 Ed 2004 Change No. 5

Page 216—Paragraph 38, line 1; read:

Middle Ground, covered 6 to 18 feet, is the easterly ...
(NOS 13233) 20/04

COAST PILOT 2 (Continued)

| | | |
|---|-------------------|----------------------|
| Page 216—Paragraph 39, line 1; read: Lucas Shoal , covered 17 to 30 feet, is the southwestern ... (NOS 13233) | 20/04 | |
| Page 221—Paragraph 98, lines 4 to 9; read: eastern part of the pond north of the channel. In April 2003, the entrance channel into the pond had a controlling depth of 7.3 feet with lesser depths along the southern edge of the channel; thence 9 feet in the pond channel to the turning basin, with 7 to 10 feet in the turning basin. The anchorage basin had ... (BPs 181974-75) | 20/04 | |
| Page 225—Paragraph 143, line 4; read: buoy about 300 yards southwest of ... (LL/04) | 20/04 | |
| Page 232—Paragraph 224, line 4; read: daybeacon of a distance of 150 yards. A rock, covered 12 ... (NOS 13229) | 20/04 | |
| Page 272—Paragraph 148, line 12; read: to the marina and boatyard. In August 2003, a dangerous rock was reported about 250 yards south of Buoy 10 at 41°04'11.5"N., 72°18'22.5"W. Care should be taken to avoid this hazard. (CL 1643/03; CL 1657/03) | 20/04 | |
| Page 278—Paragraph 230, lines 3 to 5; read: shelter from southerly winds. In April-May 2002, the dredged channel leading into the harbor along the west shore had a controlling depth of 10.2 feet. Foul ground ... (BP 182622; CL 201/04) | 20/04 | |
| Page 292—Paragraph 47, line 5; read: from the western shore, and is marked by a buoy. (21/01 CG1; LL/04) | 20/04 | |
| Page 350—Paragraph 398, lines 1 to 3; read: Mariners ... (CL 1672/03) | 20/04 | |
| Page 423—Paragraph 165, line 166; read: NMK , Atlantic City, 2670 kHz, 0603 and 1803 e.s.t., antenna: Cape May. Channel 22A 0603 and 1803 e.s.t., antennas: Manasquan, Barnegat, Atlantic City, and Fortescue. (CL 58/04) | 20/04 | |
| COAST PILOT 4 | 35 Ed 2003 | Change No. 27 |
| | | LAST NM 19/04 |
| Page 371—Paragraph 156, lines 4 to 5; read: tide. In January 2004, the midchannel controlling depth was 1.5 feet in Plantation Creek; and in 1983, 8 feet ... (CL 194/04) | 20/04 | |
| Page 399—Paragraph 212, lines 17 to 24; read: highway bridge at 28°48'06"N., 81°12'49"W. In February 2004, reported depths of 5.5 feet and 6.5 feet were available in the approach and alongside the berths, respectively. Gasoline, diesel fuel, water, electricity, marine supplies, and a pump-out station are available. Boats 75 feet long can use the docks and moorings; a marine railway can haul boats 60 feet long. Hull, engine and electronic repairs can be made; lift to 50 tons. A wharf 200 feet long provides covered storage for over 50 boats up to 60 feet in length. (DB 4153) | 20/04 | |
| Page 465—Paragraph 193, line 3; read: leads into St. Augustine Creek. In 1990, rocks ... (NOS 11507) | 20/04 | |
| Page 466—Paragraph 217, lines 5 to 7; read: is a more sheltered route in easterly weather. In January 2004, the midchannel controlling depths were 2.5 feet in Back River and 1.5 feet in Plantation Creek. Although ... (CL 194/04) | 20/04 | |
| Page 467—Paragraph 224, lines 9 to 12; read: Cumberland River at Mile 695.8 . In February 2004, the mid-channel controlling depths were 4.5 feet in Umbrella Cut, 3.5 feet in Umbrella Creek, 6.0 feet in Dover Creek, and 5.0 feet in Floyd Creek. In 1981, a wreck was ... (CL 194/04) | 20/04 | |
| Page 475—Paragraph 348, lines 2 to 4; read: has berthing, water, ice and a launching ramp. In February 2004, an approach depth of 3.5 feet and an alongside depth of 4 feet were reported. (DB 4209) | 20/04 | |
| Page 475—Paragraph 352, lines 3 to 5; read: fuel, ice, water, and limited berthing facilities. In February 2004, an approach depth of 5 feet was reported to the marinas. A 40-ton lift is available at the northerly ... (DB 4264) | 20/04 | |
| Page 475—Paragraph 356, lines 3 to 5; read: Indian River. Gasoline, diesel fuel, electricity, water, limited marine supplies, and a pump-out station are available. In January 2004, a reported depth of 5 feet was available in the approach and alongside the marina. (DB 4096) | 20/04 | |
| Page 483—Paragraph 480, lines 2 to 7; read: a marina with berths, electricity, diesel fuel, gasoline, ice, water, marine supplies, pump-out station, and wet and dry storage are available. Hull, engine, and electronic repairs can be made; lift to 300 tons and marine railway to 100 feet. In December 2003, the reported approach depth was 12 feet with an alongside depth of 10 feet. Stores, motels ... (CL 993/03; DB 4006) | 20/04 | |

COAST PILOT 4 (Continued)

Page 491—Paragraph 601, lines 4 to 12; read:

There is a launching ramp, gasoline, diesel fuel, water, ice, electricity, pump-out station, and storage facilities. The two entrance channels are marked by private daybeacons and the south channel is marked by a **347°** lighted range and a light. In 1999, 4 feet was reported in the north channel; in February 2004, 5.5 feet was reported in the south channel. The remains of a daybeacon structure at the entrance to the south channel in about $25^{\circ}40'25"N.$, $80^{\circ}15'28"W.$, are reported to ...
 (DB 4276) 20/04

**COAST PILOT 7 36 Ed 2004 Change No. 5
LAST NM 19/04**

Page 459—Paragraph 133, line 15; read:
and 117.1047, chapter 2, for drawbridge regulations.) In 2004, the lift bridge was stuck in the closed position.
 (01/04 CG13) 20/04

Page 489—Paragraph 280 to Paragraph 281, line 4; read:

The Port of Friday Harbor small-craft harbor, protected on the S and E sides by a long floating breakwater is marked at the N end by a light. Berths with electricity for over 475 craft are ...
 (CL 2012/02) 20/04

Page 489—Paragraph 281, line 18 to Paragraph 282; read:
 supplies are available at Friday Harbor. SE of the Port of Friday Harbor are a charter dock and ferry slip. SE of the ferry slip are condominiums with private docks.

A shipyard is at the S end of Friday Harbor. A 35-ton lift is available; complete hull and engine repairs can be made.
 (CL 2012/02) 20/04

Page 491—Paragraph 312, line 4; read:
 distributor has a wharf with about 9 feet at its face; ...
 (CL 2010/02) 20/04

Page 492—Paragraph 320, lines 3 to 5; read:
 the entrance.
 (CL 2010/02) 20/04

Page 492—Paragraph 321, lines 4 to 6; read:
 for about 60 craft. Gasoline, diesel fuel, water, ice, and a restaurant are available. Depths of 15 feet are reported alongside the floats. The large ...
 (CL 576/03) 20/04

Page 517—Paragraph 96, lines 7 to 10; read:
 November 2002, the entrance had a reported depth of 17 feet, thence 13 feet alongside the berths. Open and covered berths ...
 (CL 225/03) 20/04

Page 541—Paragraph 259, lines 7 to 10; read:
 April 2002, a reported depth of 11.8 feet was alongside the berths. Water and a launching ramp are available. The stores

of the town ...
 (CL 871/03) 20/04

Page 592—Paragraph 346, line 4; read:
 is marked by private lighted buoys and a **044.4°** lighted ...
 (LL/03; 05/04 CG14) 20/04

Page 613—Paragraph 651, lines 3 to 4; read:
 slips, electricity, water, pump-out, marine supplies, and a public boat ramp are available at the marina. In December 2003, the harbormaster reported that the marina could accommodate vessels up to 150 feet in length with a draft of 13 feet.
 (CL 91/04) 20/04

COAST PILOT 7 36 Ed 2004 Change No. 6

Page 248—Paragraph 24, lines 8 to 11; read:
 obscures the old lighthouse. From inside the bay, prominent objects along the crest of the ridge are a ...
 (BP 182313) 20/04

Page 257—Paragraph 145; read:
 In March 2003, the controlling depths were 14.4 feet (16.4 feet at midchannel) in the entrance (except for shoaling to 9.8 feet near the S edge of the channel along the S breakwater), thence 9.8 feet in the channel that leads WNW to the W basin (except for shoaling to less than a foot in the left half of the channel opposite Daybeacon 14); the entrance to the E basin had a depth of 9.8 feet. The harbor is well protected from all sides.
 (BP 180497) 20/04

Page 259—Paragraph 179, lines 7 to 9; read:
 and regulations.) In May 2003, the controlling depths were 36 feet at midchannel, 34 feet in the left outside quarter, and 30 feet in the right outside quarter to the turning basin, thence 33 feet in the basin. The channel ...
 (BPs 181031-32) 20/04

Page 340—Paragraph 375, lines 4 to 8; read:
 Metropolitan Oakland International Airport. In April 2003, the controlling depths were 5.4 feet in the entrance channel to the harbor, thence 6 feet in the channel that branches E (except for a few shallower depths to 4.2 feet along the edges) and 5.6 feet in the interior channel leading N then E. The ...
 (BPs 180542-48) 20/04

Page 498—Paragraph 387, lines 15 to 16; read:
 March 2003, the controlling depth was 6.1 feet for a width of 100 feet from Skagit Bay to Padilla Bay.
 (BPs 181899-910) 20/04

Page 620—Paragraph 762, lines 7 to 9; read:
 station. In April 1999-May 2003, the controlling depths were 9 feet for a mid-width of 30 yards; thence in May 2003, 12 feet in the basin (except for lesser depths along the S edge),

COAST PILOT 7 (Continued)

| | | | |
|--|-------------------|--|-------------------|
| thence 7 feet in the channel along the S side of the harbor. (BP 181398) | 20/04 | Page 365—Paragraph 637, line 1; read: The Rio Vista Lift Bridge across ... (CL 1258/02) | 20/04 |
| Page 621—Paragraph 780, lines 2 to 7; read: entrance channel and harbor basin. Lighted and unlighted buoys mark the W and N limits of Hanapepe Bay. In May 2003, depths in the entrance and basin were 30 to 34 feet (except for gradual shoaling to 14 feet in the N corner). (BP 181396; LL/04; CEM-Honolulu/83) | 20/04 | Page 365—Paragraph 637, line 10; read: clearance of 20 feet. (See 117.1 through 117.49 , chapter ... (NOS 18662) | 20/04 |
| COAST PILOT 7 | 36 Ed 2004 | Change No. 7 | |
| Page 254—Paragraph 94, lines 6 to 7; read: 2002, the approach to the basin had a reported depth of 18 feet with 16 feet reported alongside the piers. (CL 380/03) | 20/04 | Page 365—Paragraph 640, lines 2 to 3; read: the Sacramento River above the Rio Vista Lift Bridge are given with the description of the river. (See ... (CL 1258/02) | 20/04 |
| Page 255—Paragraph 119, line 5; read: white lights during the day and by fixed and flashing red lights at ... (CL 1671/03) | 20/04 | Page 366—Paragraph 652, lines 2 to 3; read: River from 1.5 miles above the Rio Vista Lift Bridge to Sacramento, and for the most part is ... (CL 1258/02) | 20/04 |
| Page 355—Paragraph 507, lines 6 to 8; read: the bight on the S shore near the E end. In October 2003, shoaling to 10.5 feet was in the NW corner of Naval Anchorage No. 21. (BP 181896) | 20/04 | Page 453—Paragraph 45, line 4; read: miles SE of Willapa Bay Light. | |
| Page 356—Paragraph 511, line 7; read: span and an aerolight is atop the center pier. In 1999, a fixed highway bridge, with a maximum design clearance of 158 feet, was being built just W of the existing bridges. (CL 655/99; CL 975/03) | 20/04 | Dangers An underwater dike, 18 feet below the surface, extends about 800 yards into the North Channel from a rock groin along the shore between Cape Shoalwater and North Cove in about 46°43'35"N., 124°03'30"W. (CL 1359/03) | 20/04 |
| Page 356—Paragraph 516; strike out. (CL 975/03) | 20/04 | COAST PILOT 7 | 36 Ed 2004 |
| Page 362—Paragraph 607, lines 3 to 4; read: Rivers have a clearance of 24 feet at low water and 21 feet at high water. (NOS 18662) | 20/04 | Page 254—Paragraph 101, lines 16 to 24; read: the entrance. In January 2003, the controlling depths were 8.2 feet (14.1 feet at midchannel) in the dredged entrance channel to the highway bridge; general depths of 15 to 17 feet are available in Mariners Basin (except for lesser depths along the edges) and a depth of 20 feet in Quivira Basin (except for lesser depths along the W edge.) A rock groin extends about 150 yards NW from ... (BP 180499) | 20/04 |
| Page 362—Paragraph 609, line 8; read: clearance of 35 feet at high water when closed and unlimited clearance ... (NOS 18661) | 20/04 | Page 275—Paragraph 445, lines 5 to 14; read: and the detached breakwater. In January-February 2003, the controlling depths were 12.4 feet in the entrance channel between the jetties to the harbor channel; thence in 1999-March 2000, 9.5 feet in the harbor channel; thence in March 2000, 10 feet in the basins off the harbor channel. The outer ends of the jetties at the entrance should be given a wide berth. The N and S ends of the detached ... (BP 180498) | 20/04 |
| Page 363—Paragraph 618, line 6; read: bridgetender for the Bacon Island swing bridge near ... (CL 1258/02; 33 CFR 117.171) | 20/04 | Page 278—Paragraph 509, lines 3 to 4; read: is just N of the entrance basin. In August 2003, the controlling depths were 13.7 feet (18 feet at midchannel) in the entrance channel (except for shoaling to 8.5 feet near the NW edge of the channel, just S of the inshore end of the N | 20/04 |
| Page 363—Paragraph 623, line 1; read: The mean range of tide at the Bacon Island ... (CL 1258/02) | 20/04 | | |

COAST PILOT 7 (Continued)

| | | | |
|--|-------|---|-------|
| jetty light); thence in ... (BP 181817) | 20/04 | width of 180 yards in the entrance channel, thence depths of 30 to 35 feet were available in the basin (except for lesser depths along the S edge.) (BP 181397) | 20/04 |
| Page 350—Paragraph 476, lines 6 to 8; read: another 0.2 mile above the turning basin. In March 2003, the controlling depths were 2.1 feet (5.5 feet at midchannel) to the mouth of ... (BPs 180452-53) | 20/04 | COAST PILOT 8 25 Ed 2003 Change No. 20 LAST NM 18/04 | |
| Page 353—Paragraph 490, lines 2 to 6; read: Pablo Bay to the mouth of the Petaluma River. In April 2003, the controlling depths were 3.7 feet (7.3 feet at midchannel) in the dredged channel to the mouth of the river; ... (BPs 180627-31) | 20/04 | Page 175—Paragraph 266, line 12; read: very low water. At high water, the reef is covered. Jarvis Island Light 1 (55°30'24"N., 132°33'37"W.), 12 feet (3.7 m) above the water, is shown from a spindle with a green square daymark on the N side of the reef. (12/04 CG17) | 20/04 |
| Page 394—Paragraph 6, lines 18 to 22; read: the E jetty. In September 2003, the controlling depths were 12 feet for a mid-width of 100 feet in the entrance channel to the turning basin, thence 6 to 10 feet in the basin, thence 6 feet in the entrance to the lower small-craft basin and 4 to 8 feet in the ... (BP 181849) | 20/04 | Page 269—Paragraph 34, lines 1 to 2; read: Windham Bay Entrance Light (57°33'42"N., 133°32'36"W.), 35 feet above the water, is shown from a ... (51/03 CG17; LL/03) | 20/04 |
| Page 395—Paragraph 33, lines 5 to 7; read: marked by uncharted seasonal private buoys. In April 2003, the controlling depth was 8 feet in the dredged channel. (BP 180653) | 20/04 | Page 270—Paragraph 42, lines 3 to 4; read: marked by Point Gambier Light (57°26'08"N., 133°50'27"W.), 38 feet above the water and shown from a ... (51/03 CG17; LL/03) | 20/04 |
| Page 405—Paragraph 159, lines 4 to 14; read: river channel for about 0.7 mile in the head of the project. The channel is marked at the entrance by two lights. In March 2003, the controlling depth was 9 feet in the dredged channel (except for lesser depths to 6 feet along the W edge of the channel near the head fo the project.) Berths with electricity, gasoline, ... (BP 180461; 05/93 CG13; LL/94; CEM-Portland/95) | 20/04 | Page 270—Paragraph 48, lines 6 to 7; read: is marked by Gambier Bay Entrance Light 2 (57°27'54"N., 133°55'13"W.), 16 feet above the water and ... (51/03 CG17; 50/03 CG17) | 20/04 |
| Page 405—Paragraph 160, lines 4 to 7; read: the bay is marked by a light and a daybeacon. In March 2003, the controlling depth was 11 feet from the entrance at the main river channel to the head of the project (except for a lesser depth of 10 feet along the W edge of the channel in about 43°40'54"N., 124°10'59"W.) The village of Winchester Bay is a fishing resort ... (BP 180461) | 20/04 | Page 275—Paragraph 112, line 4; read: Light (58°05'58"N., 134°06'28"W.), 47 feet above the water ... (51/03 CG17; 50/03 CG17) | 20/04 |
| Page 456—Paragraph 100; read: In April 2003, a depth of 19.6 feet was available in the N entrance and a depth of 14.1 feet was available in the S entrance, thence depths of 9 to 16 feet were available in the cove (except for shoaling along the SW edge of the breakwater.) Lesser depths are near both entrance channel edges and breakwaters. (BP 181358) | 20/04 | Page 316—Paragraph 41, lines 1 to 2; read: Lynn Canal Southwest Light (58°20'01"N., 135°02'59"W.), 33 feet above the water, is shown from a ... (LL/03; LL/04) | 20/04 |
| Page 619—Paragraph 745, lines 4 to 8; read: In May 2003, the controlling depth was 37 feet for a mid- | | Page 316—Paragraph 43, line 6; read: (58°24'41"N., 134°57'18"W.), 63 feet above the water, is ... (LL/03; LL/04) | 20/04 |
| | | Page 319—Paragraph 87, lines 7 to 9; read: flat is marked by a light. Caution is advised in transiting the ... (LL/03; 42/97 CG17) | 20/04 |
| | | Page 319—Paragraph 89, lines 8 to 9; read: shoal 200 yards offshore. A daybeacon marks a rocky area that uncovers about 325 yards NE of Nukdik Point , the N ... (BP 170440) | 20/04 |
| | | COAST PILOT 9 21 Ed 2003 Change No. 21 LAST NM 19/04 | |
| | | Page 130—Paragraph 161, line 7; read: offshore. These islets are marked by four seasonal lights, | |

COAST PILOT 9 (Continued)

shown ...

(51/03 CG17)

20/04

Page 131—Paragraph 176, line 7; read:

prominent, **Point Bentinck Light** ($60^{\circ}23'32"N.$, $146^{\circ}05'27"W.$), 47 feet above the water, is shown from a skeleton tower with a red and white diamond-shaped daymark on the point.

(12/04 CG17)

20/04

Page 216—Paragraph 1200, lines 1 to 2; read:

Ninilchik Channel Entrance Light ($60^{\circ}03'17"N.$, $151^{\circ}39'53"W.$), 25 feet above the water, is shown from a ...

(12/04 CG17)

20/04

Page 263—Paragraph 410, line 4; read:

miles SW of it. In April 2004, a shoal covered $4\frac{1}{2}$ fathoms was reported 1.7 miles W of Ship Rock in $56^{\circ}59'45.0"N.$, $153^{\circ}25'43.2"W.$

(CL 429/04)

20/04

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME I LIGHT LIST, 2003

| (1) No. | (2) Name and Location | (3) Position | (4) Characteristic | (5) Height | (6) Range | (7) Structure | (8) Remarks |
|-----------------------------------|--|--------------------------|--------------------------------|---------------|-------------------|--|--|
| 18305 | Conimicut Light | 41 43 01 N 71 20 42 W | Fl W 2.5s (R sector) | 58 | W 8 R 5 | White conical tower on cylindrical pier. | Red from 322° to 349°, covers Ohio Ledge. HORN: 2 bl ev 30s (2s bl-2s si-2s bl-24s si). |
| | | | | | * | | 20/04 |
| 22930 | - <i>Lighted Buoy 46</i> 60 feet outside channel limit. | 41 26 24 N 72 27 42 W | Fl R 4s | 3 | Red. | | Replaced by nun from Nov. 15 to June 1. |
| | | | | | * | | 20/04 |
| 23065 | - <i>Lighted Buoy 72</i> | 41 33 07 N 72 33 15 W | Fl R 2.5s | 4 | Red. | | Replaced by nun from Nov. 15 to June 1. |
| | | | * | | * | | 20/04 |
| Moriches Inlet | | | | | | | |
| 29104 | - BREAKWATER LIGHT 1 | 40 45 50 N 72 45 21 W | Fl G 2.5s | 28 | 4 | On pile. | |
| | | * | | * | | | 20/04 |
| 29105 | - BREAKWATER LIGHT 2 | 40 45 48 N 72 45 11 W | Fl R 2.5s | 30 | 4 | On skeleton tower. | |
| | | | * | * | | | 20/04 |
| *Delete Heading: *Main Passage | | | | | | | |
| 39245 | Point Au Roche Northeast End Shoal Buoy 18 | | | | | | Remove from list. |
| | | | | | * | | 20/04 |
| *Add Heading: *Main Passage | | | | | | | |
| 39250 | <i>La Roche Reef Lighted Buoy 20</i> | 44 47 56 N 73 21 07 W | Fl R 4s | 3 | Red. | | Replaced by nun from Nov. 1 to May 1. |
| | | | | | | | 20/04 |
| 39530 | Hogback Reef Danger Buoy At southwest end of reef. | | | | White and orange. | | Maintained from May 1 to Nov. 1. |
| | | * | | | * | | 20/04 |

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2003

| (1) No. | (2) Name and Location | (3) Position | (4) Characteristic | (5) Height | (6) Range | (7) Structure | (8) Remarks |
|------------|--------------------------------------|--------------------------|-----------------------|---------------|--------------|--------------------------|---|
| 12065 | GOOSE HILL CHANNEL RANGE FRONT LIGHT | 37 10 18 N 76 45 12 W | Fl W 2.5s | 16 | | On multi-pile structure. | Lighted throughout 24 hours. Day: Visible on range line only. Night: Visible all around; higher intensity on range line. |
| | | | | | * | | 20/04 |

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.

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2003

| (1) No. | (2) Name and Location | (3) Position | (4) Characteristic | (5) Height | (6) Range | (7) Structure | (8) Remarks |
|------------|--|--------------------------|-----------------------|---------------|--------------|--------------------------|---|
| 12070 | GOOSE HILL CHANNEL RANGE REAR LIGHT 633 yards, 227° from front light. | | Iso W 6s | 40 | | On multi-pile structure. | Lighted throughout 24 hours. Day: Visible on range line only. Night: Visible all around; higher intensity on range line. |
| | | | | | | | * |
| | | | | | | | 20/04 |
| 16665 | ST GEORGE CREEK JUNCTION LIGHT A | 38 07 16 N 76 27 29 W | Fl (2+1) R 6s | 18 | 4 | JR on pile. | |
| | | | | * | * | | |
| | | | | | | | 20/04 |

CORRECTIONS TO C. G. LIGHT LIST, VOLUME III LIGHT LIST, 2003

| (1) No. | (2) Name and Location | (3) Position | (4) Characteristic | (5) Height | (6) Range | (7) Structure | (8) Remarks |
|----------------------------|---------------------------------|--------------------------|-----------------------|---------------|--------------|-------------------------------|----------------|
| 850 | NOAA Data Lighted Buoy 41016 | 24 38 12 N 76 31 18 W | Fl Y 4s | | | Yellow disc-shaped with mast. | |
| | | * | * | * | | | 20/04 |
| 2470 | - Channel Lighted Buoy 24 | | Fl R 2.5s | | 3 | Red. | |
| | | | | | * | | 20/04 |
| 9565 | - LIGHT 11 | 29 03 48 N 80 54 54 W | Fl G 4s | 20 | 3 | SG on skeleton tower. | |
| | | | | * | * | | 20/04 |
| 10245 | - LIGHT 11 | | Fl G 4s | 16 | 4 | SG on pile. | |
| | | | | | * | | 20/04 |
| 10260 46715 | LAKE WORTH SOUTH LIGHT 1 | 26 45 55 N 80 02 57 W | Q G | 12 | 3 | SG-SY on pile. | |
| | | | * | * | | | 20/04 |
| 10715.5 | - LIGHT 18 | | Fl R 4s | 16 | 3 | TR on pile. | |
| | | | | * | | | 20/04 |
| Miami Turning Basin | | | | | | | |
| 10750 | - Articulated Light A | 25 47 05 N 80 10 49 W | Iso W 6s | 6 | NR on mast. | | |
| | | | | * | | | 20/04 |
| 10755 | - Articulated Light B | | Iso W 6s | 6 | NR on mast. | | |
| | | | | * | | | 20/04 |
| 10760 | - Articulated Light C | | Iso W 6s | 6 | NR on mast. | | |
| | | | | * | | | 20/04 |
| 10765 | - Articulated Light D | | Iso W 6s | 6 | NR on mast. | | |
| | | | * | * | | | 20/04 |

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Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME III LIGHT LIST, 2003

| (1) No. | (2) Name and Location | (3) Position | (4) Characteristic | (5) Height | (6) Range | (7) Structure | (8) Remarks |
|---|----------------------------------|--------------------------|-----------------------|---------------|--------------|------------------------------------|------------------------------------|
| 10770 | - Articulated Light E | | Iso W 6s | | 6 | NR on mast. | |
| | | | | * | | | 20/04 |
| 12330 | - LIGHT 90 | | Fl R 4s | 16 | 2 | TR on pile. | |
| | | | | * | | | 20/04 |
| Florida Bay | | | | | | | |
| Channel Key | | | | | | | |
| 12505 | KNIGHT SHOAL LIGHT | 24 42 54 N 81 07 36 W | Fl W 2.5s | 16 | 5 | NW on pile worded DANGER SHOAL. | |
| | | | | * | | | 20/04 |
| BAHIA HONDA KEY TO SUGARLOAF KEY (Chart 11445) | | | | | | | |
| Hawk Channel | | | | | | | |
| 13875 | BAHIA HONDA KEY LIGHT 49A | 24 37 30 N 81 14 12 W | Fl G 6s | 20 | 6 | SG on dolphin. | |
| | | | | * | | | 20/04 |
| 13880 | NEWFOUND HARBOR KEYS LIGHT 50 | 24 36 48 N 81 23 36 W | Fl R 2.5s | 16 | 3 | TR on pile. | |
| | | | * | * | | | 20/04 |
| 14910 | - Lighted Buoy 17 | | Fl G 4s | | 4 | Green. | |
| | | | | * | | | 20/04 |
| 19995 | - LIGHT 6 | 26 45 36 N 82 06 38 W | Fl R 4s | 16 | 3 | TR on pile. | |
| | | | | * | | | 20/04 |
| Alafia River | | | | | | | |
| 23240 | - RANGE FRONT LIGHT | 27 50 40 N 82 26 52 W | Q R | 15 | | KRW on dolphin. | Visible 2° each side of rangeline. |
| | | * | * | | | | 20/04 |
| CRYSTAL RIVER TO HORSESHOE POINT (Chart 11408) | | | | | | | |
| Withlacoochee River | | | | | | | |
| 29370 | - ENTRANCE LIGHT 1 | 28 58 06 N 82 49 42 W | Q G | 16 | 3 | SG on pile. | |
| | | | * | * | | | 20/04 |
| 30480 | - LIGHT 9 | | Fl G 2.5s | 16 | 3 | SG on pile. | |
| | | | | * | | | 20/04 |
| 30570.5 | - LIGHT 35 | | Fl G 2.5s | 16 | 3 | SG on pile. | |
| | | | | * | | | 20/04 |
| 30580.3 | - LIGHT 42 | | Q R | 16 | 3 | TR on pile. | |
| | | | | * | | | 20/04 |

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME III LIGHT LIST, 2003

| (1) No. | (2) Name and Location | (3) Position | (4) Characteristic | (5) Height | (6) Range | (7) Structure | (8) Remarks |
|-----------------------|----------------------------------|--------------------------|-----------------------|---------------|--------------|------------------|----------------|
| 30580.8 | - LIGHT 47 | | Q G | 16 | 3 | SG on pile. | |
| | | | | | * | | 20/04 |
| 30795.1 | <i>Lighted Buoy 9</i> | | Fl G 2.5s | | 3 | Green. | |
| | | | | | * | | 20/04 |
| 30915 | - LIGHT 5 | | Q G | 16 | 2 | SG on dolphin. | |
| | | | | * | | | 20/04 |
| 32025 | - <i>Lighted Buoy 6</i> | | Q R | | 3 | Red. | |
| | | | | * | * | | 20/04 |
| 33385 | - <i>Entrance Lighted Buoy 1</i> | 19 54 48 N 75 10 54 W | Fl G 2.5s | | 3 | Green. | |
| | | | | | * | | 20/04 |
| 33390 | - <i>Entrance Lighted Buoy 2</i> | | Fl R 2.5s | | 3 | Red. | |
| | | | | | * | | 20/04 |
| 33415 | - LIGHT 7 | | Fl G 4s | 15 | 3 | SG on pile. | |
| | | | | * | * | | 20/04 |
| Guantanamo Bay | | | | | | | |
| 33425 | - <i>Lighted Buoy 3</i> | | Fl G 2.5s | | 3 | Green. | |
| | | | | | * | | 20/04 |
| 33430 | - <i>Lighted Buoy 4</i> | | Fl R 2.5s | | 3 | Red. | |
| | | | | * | * | | 20/04 |
| Corinaso Cove | | | | | | | |
| 33470 | - <i>Lighted Buoy 2</i> | 19 55 12 N 75 09 12 W | Q R | | 3 | Red. | |
| | | | | * | * | | 20/04 |
| Radio Point | | | | | | | |
| 33490 | - LIGHT 1 | 19 55 18 N 75 09 00 W | Fl G 4s | 15 | 3 | SG on pile. | |
| | | | | | * | | 20/04 |
| 33520 | - LIGHT 5 | | Fl G 4s | 14 | 3 | SG on dolphin. | |
| | | | | * | * | | 20/04 |
| 33535 | MUD ISLAND LIGHT 1 | 19 55 12 N 75 08 42 W | Fl G 6s | 7 | 3 | SG on pile. | |
| | | | | | * | | 20/04 |

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME III LIGHT LIST, 2003

| (1) No. | (2) Name and Location | (3) Position | (4) Characteristic | (5) Height | (6) Range | (7) Structure | (8) Remarks |
|------------|------------------------------------|--------------------------|-----------------------|---------------|--------------|------------------|----------------|
| 37307 | JEKYLL CREEK LIGHT 9 | 31 05 24 N 81 26 30 W | Q G | 12 | 3 | SG-SY on pile. | |
| | | | * | * | | | 20/04 |
| | Lake Worth Inlet - Hillsboro Inlet | | | | | | |
| | Lake Worth South | | | | | | |
| 46715 | - LIGHT 1 | 26 45 55 N 80 02 57 W | Q G | 12 | 3 | SG-SY on pile. | |
| 10260 | | | * | * | | | 20/04 |
| 57677 | - Daybeacon 51A | | | | | SG on pile. | |
| | | | * | | | | 20/04 |
| 58570 | - LIGHT 13 | | Fl G 4s | 12 | 5 | SG-SY on pile. | |
| | | | * | | | | 20/04 |

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2003

| (1) No. | (2) Name and Location | (3) Position | (4) Characteristic | (5) Height | (6) Range | (7) Structure | (8) Remarks |
|------------|------------------------------|--------------------------|-----------------------|---------------|--------------|------------------|---|
| *5082.07 | FORT MORGAN WRECK LB WR2A | 30 13 58 N 88 01 16 W | Q R | | | Red. | Buoy is set on the west side of wreck. Mariners should use extreme caution when transiting in the vicinity of the buoy and avoid the area by a wide margin. |
| | | | | | | | 20/04 |

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI LIGHT LIST, 2003

| (1) No. | (2) Name and Location | (3) Position | (4) Characteristic | (5) Height | (6) Range | (7) Structure | (8) Remarks |
|------------|-----------------------------|---------------------------|-----------------------|---------------|--------------|----------------------------------|--|
| 2641 | - HARBOR REEFS LIGHT | 33 26 51 N 118 29 23 W | Fl W 2.5s | 21 | 5 | NW on post. | |
| | | | * | | | | 20/04 |
| 3733 | - Channel Buoy 13P | | | | | | Remove from list. |
| | | | | | | | * |
| 3734 | - Channel Buoy 14P | | | | | | Remove from list. |
| | | | | | | | * |
| 7015 | - ACKER ISLAND LIGHT | | Q W | 29 | 3 | NR on pile. | Visible 1° each side of rangeline. |
| | | | * | * | | | 20/04 |
| 7475 | - RANGE B FRONT LIGHT 61 | 38 20 31 N 121 38 44 W | Q G | 25 | 3 | KRW on pile; SG facing upstream. | Light changes to Q W when abeam proceeding downstream. Higher intensity on rangeline. |
| | | | * | | | | 20/04 |

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI LIGHT LIST, 2003

| (1) No. | (2) Name and Location | (3) Position | (4) Characteristic | (5) Height | (6) Range | (7) Structure | (8) Remarks |
|-----------------------|--|---------------------------|-----------------------|---------------|--------------|------------------------|---|
| 7485 | - LIGHT 62 | 38 20 29 N 121 38 38 W | Fl R 4s | 25 | 3 | TR on pile. | |
| | | * | | | | | 20/04 |
| 7505 | - LIGHT 66 | 38 24 16 N 121 36 53 W | Fl R 4s | 18 | 3 | TR on pile. | |
| | | * | | | | | 20/04 |
| 7515 | - LIGHT 68 | 38 26 09 N 121 36 01 W | Fl R 4s | 18 | 3 | TR on pile. | |
| | | * | | | | | 20/04 |
| 7550 | - LIGHT 73 | 38 30 22 N 121 35 08 W | Fl G 4s | 22 | 3 | SG on pile. | |
| | | * | | | | | 20/04 |
| 7860 | - CHANNEL LIGHT 16 | 38 19 57 N 123 03 09 W | Fl R 4s | 15 | 3 | TR on pile. | |
| | | * | | | | | 20/04 |
| 24475 | ST. IGNACE ROCK LIGHT | 55 25 41 N 133 23 43 W | Fl W 6s | 20 | 6 | NR on skeleton tower. | |
| | | * | | | | | 20/04 |
| 25040 | SITKA HARBOR LIGHT 11 Marks eastern limits of dredged channel south of Horseshoe Rocks. | 57 03 10 N 135 20 53 W | Fl G 4s | 23 | 4 | SG on pile. | |
| | | * | | | | | 20/04 |
| 25260 | POVOROTNI ISLAND LIGHT | 57 30 52 N 135 33 18 W | Q W | 26 | 5 | NR on small house. | Obscured from 314° to 032°. |
| | | * | * | * | | | 20/04 |
| Molokai Island | | | | | | | |
| 28575 | - Light | 21 12 34 N 156 58 11 W | Fl W 10s | 213 | 21 | On white tower. 138 | Lighted throughout 24 hours. Emergency light of reduced intensity when main light is extinguished. Operates during periods of darkness only. |
| | | * | | * | | | 20/04 |
| 29425 | - Lighted Buoy 11 | 21 20 11 N 157 58 18 W | Fl G 2.5s | 5 | Green. | | |
| | | * | | | | | 20/04 |
| 29535 | - Lighted Buoy 6 | | Q R | 4 | Red. | | |
| | | * | | | | | 20/04 |
| 29540 | - Lighted Buoy 7 | | Q G | 4 | Green. | | |
| | | * | | | | | 20/04 |

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI LIGHT LIST, 2003

| (1) No. | (2) Name and Location | (3) Position | (4) Characteristic | (5) Height | (6) Range | (7) Structure | (8) Remarks |
|------------|--------------------------|-----------------|-----------------------|---------------|--------------|------------------|----------------|
| 29543 | - Lighted Buoy 8 | | Fl R 2.5s | | 4 | Red. | |

*

20/04

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VII LIGHT LIST, 2003

| (1) No. | (2) Name and Location | (3) Position | (4) Characteristic | (5) Height | (6) Range | (7) Structure | (8) Remarks |
|------------------------------------|--------------------------|--------------------------|-----------------------|---------------|--------------|--------------------|---|
| LORAIN HARBOR (Chart 14841) | | | | | | | |
| Lorain Harbor | | | | | | | |
| 4320 | - LIGHT | 41 28 54 N 82 11 42 W | Fl W 6s | 60 18 | 21 | On tower. | HORN: 1 blast ev 30s (3s bl). Operates from Apr. 15 to Nov. 15. |
| | | | | | * | | 20/04 |
| 7665 | - LIGHT 1 | | Fl G 2.5s | 10 3 | | On pile cluster. | Private aid. |
| | | | | * | * | | 20/04 |
| 7670 | - LIGHT 2 | | Fl R 2.5s | 10 3 | | On pile cluster. | Private aid. |
| | | | | * | * | | 20/04 |
| *7671 | DAYBEACON 3 | | | 8 2 | 3 | SG on single pile. | Private aid. |
| | | | | | | | 20/04 |
| *7672 | DAYBEACON 4 | | | 8 2 | 4 | TR on single pile. | Private aid. |
| | | | | | | | 20/04 |
| 7675 | - LIGHT 5 | | Q G | 10 3 | | On pile cluster. | Private aid. |
| | | * | | * | * | | 20/04 |
| 7680 | - LIGHT 6 | | Q R | 10 3 | | On pile cluster. | Private aid. |
| | | * | | * | * | | 20/04 |
| 7685 | - LIGHT 7 | | Q G | 7 2 | | On pile cluster. | Private aid. |
| | | * | | * | * | | 20/04 |
| 7690 | - LIGHT 8 | | Q R | 7 2 | | On pile cluster. | Private aid. |
| | | * | | * | | | 20/04 |
| 7695 | - LIGHT 9 | | Q G | 7 2 | | On pile cluster. | Private aid. |
| | | * | | * | | | 20/04 |

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VII LIGHT LIST, 2003

| (1) No. | (2) Name and Location | (3) Position | (4) Characteristic | (5) Height | (6) Range | (7) Structure | (8) Remarks |
|------------|--|--------------------------|-----------------------|---------------|--------------|---|------------------------------------|
| 7700 | - LIGHT 10 | | Q R | 7 2 | | On pile cluster. | Private aid. |
| | * | | * | | | | 20/04 |
| | Gibraltar Middle Channel | | | | | | |
| | <i>Aids maintained from Apr. 1 to Dec. 1.</i> | | | | | | |
| 7705 | - SOUTH LIGHT | | Fl G 2.5s | 10 3 | | On pile cluster. | Private aid. |
| | * | | * | * | | | 20/04 |
| 7710 | - NORTH LIGHT | | Fl R 2.5s | 10 3 | | On pile cluster. | Private aid. |
| | * | | * | * | | | 20/04 |
| 7725 | - LIGHT 1 | | Fl G 2.5s | 10 3 | | On pile cluster. | Private aid. |
| | * | | * | * | | | 20/04 |
| 7730 | - LIGHT 2 | | Fl R 2.5s | 10 3 | | On pile cluster. | Private aid. |
| | * | | * | * | | | 20/04 |
| | East Alpena Channel | | | | | | |
| | Thunder Bay National Marine Sanctuary | | | | | | |
| *11450 | TBNMS Wreck Mooring Buoy | 44 57 55 N 83 06 10 W | Fl W 1s | | | Mooring buoy. | "Pewabic" Private light. |
| | | | | | | | 20/04 |
| *11455 | TBNMS Wreck Mooring Buoy | 45 02 00 N 83 11 59 W | Fl W 1s | | | Mooring buoy. | "Monohansett" Private light. |
| | | | | | | | 20/04 |
| *11460 | TBNMS Wreck Mooring Buoy | 45 03 05 N 83 02 22 W | Fl W 1s | | | Mooring buoy. | "Isaac M. Scott" Private light. |
| | | | | | | | 20/04 |
| 11505 | <i>Nordmeer Wreck Lighted Buoy WR1</i> 1,470 feet, 102° from last reported position of wreck. | 45 08 09 N 83 09 18 W | Fl G 4s | 4 | Green. | RACON: N (-•). Maintained from Apr. 28 to Dec. 1. | |
| | * | | | | | | 20/04 |
| 18115 | - Shoal Lighted Bell Buoy 3 Marks northwest side of shoal. | 45 08 08 N 85 26 12 W | Fl G 4s | 4 | Green. | Replaced by can from Nov. 14 to Apr. 14. | |
| | * | | | | | | 20/04 |

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VII LIGHT LIST, 2003

| (1) No. | (2) Name and Location | (3) Position | (4) Characteristic | (5) Height | (6) Range | (7) Structure | (8) Remarks |
|--|---|----------------------------|--------------------------|---------------|---|--|---|
| Portage Lake | | | | | | | |
| 18415 | - NORTH PIERHEAD LIGHT | 44 21 36 N 86 16 06 W | Fl G 4s | 32 10 | 5 20 | White cylindrical tower with green band. | HORN: 1 blast ev 15s (2s bl). Operates from Apr. 1 to Nov. 1. * |
| | | | | | | | 20/04 |
| 19335 | MIDDLE GROUND LIGHT 3 | | Fl G 4s | 23 7 | 4 18 | SG on column on cylindrical base. | |
| | Marks southeast side of shoal. | | | | | | * |
| | | | | | | | 20/04 |
| 19340 | DRAKE POINT LIGHT 4 | | Fl R 4s | 23 7 | 4 18 | TR on column on cylindrical base. | |
| | Marks north side of shoal. | | | | | | * |
| | | | | | | | 20/04 |
| SOUTH HAVEN TO STONY LAKE (Chart 14906) | | | | | | | |
| Saugatuck | | | | | | | |
| 19445 | - SOUTH PIERHEAD LIGHT | 42 40 36 N 86 12 54 W | Fl R 4s | 30 9 | 7 | Cylindrical structure with red band. | HORN: 1 blast ev 15s (2s bl). Maintained from Apr. 15 to Nov. 1. Operates by keying microphone 5 times on VHF channel 79. |
| | | | | | | | * |
| | | | | | | | 20/04 |
| 20675 | - SOUTH PIERHEAD LIGHT | | Fl W 4s | 33 10 | On gray pole with concrete base. Private aid. | | |
| | | | | | 21 | | * |
| | | | | | | | 20/04 |
| *21797 | Yacht Works Marina West Breakwall Light "A" | 45 12 12 N 87 07 16 W | Fl W 4s | 22 7 | 3 | NB. | Private aid. |
| | | | | | | | 20/04 |
| 21995 | <i>Sherwood Point Lighted Buoy 7</i> | Marks north side of shoal. | 44 54 53 N 87 27 42 W | Fl G 4s | 4 | Green. | Replaced by can from Nov. 14 to Apr. 21. |
| | | | | | | | * |
| | | | | | | | 20/04 |

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SECTION II

| CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2004 EDITION | | | | | | | |
|--|----------------------------|-----------------------------|---|---------------|-----------------|--|---|
| (1) No. | (2) Name and Location | (3) Position | (4) Characteristic | (5) Height | (6) Range | (7) Structure | (8) Remarks |
| 15432 Mys Kronotskiy. <i>F 8102</i> | | 54° 45.0' N 162° 07.0' E | Fl.(3)W. period 10s fl. 0.2s, ec. 1.9s fl. 0.2s, ec. 1.9s fl. 0.2s, ec. 5.6s | 174 53 | 20 | Black octagonal concrete tower, white stripes; 43. | Visible 247°-043°. Reserve light Fl.W. 10s 8M. |
| | | | | | * | | 20/04 |
| 16169.1 -Middle, 125 meters 299°30' <i>F 7472.01</i> | from front. | 43° 05.1' N 131° 51.2' E | Oc.R. period 3s | 164 50 | 15 | White octagonal stone tower, black stripe, on square base; 49. | Visible 289°30'-309°30'. |
| | | | | | * | | 20/04 |
| 31880 - Miradouro , rear, 2976 <i>D 6503.1</i> | meters 252°30' from front. | 25° 58.5' S 32° 35.7' E | Oc.W. period 8s | 180 55 | 25 | Red square daymark, yellow stripe. | Visible 250°-255°. |
| | - -RACON | | TS(- ⋯) | | * | | 20/04 |
| *32204.5 Struispunt. <i>D 6370.4</i> | | 34° 41.4' S 20° 14.1' E | Fl.(3)W. period 15s fl. 0.4s, ec. 1s fl. 0.4s, ec. 1s fl. 0.4s, ec. 11.8s | 39 12 | 11 | Pyramidal masonry tower, ball daymark, red and white vertical stripes. | |
| | | | | | | | 20/04 |
| CORRECTIONS TO PUB 112, RADIOBEACONS, 2004 EDITION | | | | | | | |
| (1) No. | (2) Name | (3) Position | (4) Characteristic | (5) Range | (6) Sequence | (7) Frequency | (8) Remarks |
| 1956 Mys Kronotskiy | | | | | | | Remove from list. |
| | | | | | | | * |
| | | | | | | | 20/04 |
| CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2003 EDITION | | | | | | | |
| (1) No. | (2) Name and Location | (3) Position | (4) Characteristic | (5) Height | (6) Range | (7) Structure | (8) Remarks |
| 5300 Cabo de la Nao. <i>E 0176</i> | | 38° 43.8' N 0° 14.1' E | Fl.W. period 5s fl. 0.2s, ec. 4.8s | 400 122 | 23 | White octagonal tower, dwelling; 66. | Visible 190°-049°. |
| | | | | | * | | 20/04 |
| TARANTO: | | | | | | | |
| 10640 - Capo San Vito. <i>E 2132</i> | | 40° 24.6' N 17° 12.3' E | Fl.(3)W. period 15s fl. 0.2s, ec. 2.8s fl. 0.2s, ec. 2.8s fl. 0.2s, ec. 8.8s | 151 46 | 22 | White octagonal tower, dwelling; 141. | Reserve light range 18M. Signal station. |
| | | | | | * | | 20/04 |
| 10656 -Secca della Sirena, W. <i>E 2142.4</i> | | 40° 27.7' N 17° 12.8' E | Q.R. | 19 6 | 6 | PORT (A) R, beacon, topmark. | Private. |
| | | | | | * | * | * |
| | | | | | | | 20/04 |

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SECTION II

CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2003 EDITION

| (1) No. | (2) Name and Location | (3) Position | (4) Characteristic | (5) Height | (6) Range | (7) Structure | (8) Remarks |
|-------------------|--|----------------------------|--------------------------------------|-----------------------------------|--------------|--|---|
| 10660 E 2142.5 | -Mar Grande, close SW. Secca della Sirena. | 40° 27.7' N 17° 13.0' E | Q.G. | 20 6 | 7 | STARBOARD (A) G, beacon, topmark. | Private. * * * |
| 10664 E 2142.6 | -Detached breakwater, SE. head. | 40° 27.9' N 17° 12.7' E | Q.R. | 33 10 | 4 | Red mast; 26. | Private. * 20/04 |
| 10672 E 2143 | -Pontile Chiapparo, W. extremity. | 40° 26.2' N 17° 14.7' E | F.G., F.R. (vert.) | 26 8 21 6 | 4 | Green mast, red bands; 19. | * 20/04 |
| 10676 E 2143.2 | --N. extremity. | 40° 26.3' N 17° 14.8' E | F.R., F.G. (vert.) | 26 8 21 6 | 4 | Red mast, green bands; 19. | * 20/04 |
| 10688 E 2152 | --Mar Piccolo, N. Range, front. | 40° 29.2' N 17° 14.5' E | Q.R. | 36 11 | 6 | Pyramidal structure, black and white stripes; 33. | * 20/04 |
| 10690 E 2185.6 | --Fanale. | 40° 29.7' N 17° 15.9' E | Fl.Y. period 3s fl. 1s, ec. 2s | 43 13 | 3 | Platform, 42. | Private. * * * * 20/04 |
| 10692 E 2152.1 | --Rear, 013° from front, near Casa Troilo. | 40° 30.0' N 17° 15.0' E | Fl.W. period 3s fl. 1s, ec. 2s | 66 20 | 10 | Square masonry pillar, lower part black and white stripes, upper part black; 31. | Visible 007°30'-018°30'. * 20/04 |
| 10694 E 2158.4 | --Water intake. | 40° 29.4' N 17° 14.3' E | F.Y. | 33 10 | 3 | | A F.Y. light is shown at head of 3 structures. Private. * 20/04 |
| 10700 E 2145 | --Commercial port, W. mole, head. | 40° 28.5' N 17° 13.3' E | F.R.G. (vert.) | 30 9 | 3 | Lamppost, green and red bands; 20. | * 20/04 |
| 10702 E 2145.2 | --W. side. | 40° 28.5' N 17° 13.2' E | F.G.R. (vert.) | 30 9 | 3 | Green mast, red bands; 19. | * 20/04 |
| 10708 E 2144.4 | -Porto Industriale: | 40° 28.4' N 17° 13.1' E | F.R., F.G. (vert.) | 33 10 29 9 | 5 | Red and green banded post; 18. F.G., F.R. (vert.) shown from SW. corner. Private. | * 20/04 |

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SECTION II

CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2003 EDITION

| (1) No. | (2) Name and Location | (3) Position | (4) Characteristic | (5) Height | (6) Range | (7) Structure | (8) Remarks |
|---|--------------------------|----------------------------|--------------------------------------|---------------|--------------|--|---|
| 10718 - -Pier "4" Range, front. <i>E 2144.47</i> | | 40° 28.7' N 17° 12.3' E | Q.R. | 66 20 | 6 | Mast, white rectangular daymark, black stripe; 59. | Occassional. Private. |
| | * | | | | * | | * |
| 10719 ---Rear, 690 meters 341° from front. <i>E 2144.48</i> | | 40° 29.1' N 17° 12.1' E | Oc.W. period 3s | 137 42 | 20 | Mast, white rectangular daymark, black stripe; 59. | Occassional. Private. |
| | | | | | * | | * |
| -Punta Rondinella: | | | | | | | |
| 10728 - -Detached breakwater, N. head. <i>E 2162</i> | | 40° 29.0' N 17° 08.0' E | Fl.G. period 5s fl. 1s, ec. 4s | 46 14 | 8 | Green pole; 20. | Private. Ponta Rondinella Passage marked by Fl.R. 3s, Fl.G. 3s 1.35 miles ESE. |
| | | | | * | * | * | * |
| 10732 ---S. head. <i>E 2162.2</i> | | 40° 28.9' N 17° 08.8' E | Q.R. | 47 14 | 4 | Red pole; 20. | Harbor approach marked by articulated beacons Q.(6)+L.Fl.W. 15s 2.8 miles SSW., Q.(9)W. 15s 2.4 miles SW., 2.5 miles WSW., 1.5 miles W. Private. |
| | | | | * | * | * | * |
| 10736 - -Lee mole, head. <i>E 2162.4</i> | | 40° 29.7' N 17° 08.8' E | Fl.R. period 5s fl. 1s, ec. 4s | 47 14 | 8 | Red pole; 19. | Articulated beacons Q.Y. 5M 650 meters 315°, O.Y. 6M 840 meters 167°, Q.G. 3M 620 meters 114° from light. Private. |
| | | | | | * | | * |
| 10740 -Passaggi scogliera Punta Rondinella, N. side. <i>E 2162.6</i> | | 40° 29.7' N 17° 09.3' E | F.G. | 33 10 | 3 | Green pole; 19. | Private. |
| | | | | | * | | * |
| 10744 -Point Rondinella, breakwater, W. side. <i>E 2142.92</i> | | 40° 28.0' N 17° 10.0' E | Q.G. | 33 10 | 3 | Green pole; 26. | Private. |
| | | | | | * | | * |
| 10748 - -E. side. <i>E 2142.9</i> | | 40° 28.0' N 17° 10.0' E | Q.R. | 33 10 | 3 | Red pole; 26. | Private. |
| | | | | | * | | * |
| BARSKO SIDRISTA: | | | | | | | |
| 14260 -Rt Volovica. <i>E 3690</i> | | 42° 05.3' N 19° 04.5' E | Fl.(2)W. period 10s | 98 30 | 16 | White octagonal concrete tower, black bands; 19. | |
| | | | | * | * | | 20/04 |
| 14268 - -W. breakwater, head. <i>E 3691</i> | | 42° 06.0' N 19° 04.9' E | Fl.G. period 4s | 62 19 | 6 | White round tower and gallery; 43. | |
| | | | | * | * | * | 20/04 |

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.

SECTION II

CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2003 EDITION

| (1) No. | (2) Name and Location | (3) Position | (4) Characteristic | (5) Height | (6) Range | (7) Structure | (8) Remarks |
|--------------------------|--|----------------------------|--|---------------|--------------|---|---|
| PORT' E PALERMOS: | | | | | | | |
| 14368 <i>E 3734</i> | -Kep i Palermos. | 40° 02.8' N 19° 47.5' E | Fl.W. period 8s | 371 113 | 8 | White tower; 33. | |
| | | * | * | * | * | | 20/04 |
| 19216 <i>E 5728</i> | -Range, front, SE. extremity of facade of fort, front. | 42° 59.9' N 41° 01.2' E | F.R. | 43 13 | 4 | Metal post, white stripe on concrete base, rectangular daymark, red cone topmark, point up; 36. | Visible on range line only. Storm signals. |
| | | | | * | | | 20/04 |
| 19220 <i>E 5728.1</i> | --Rear, 95 meters 285°36' from front. | 42° 59.9' N 41° 01.2' E | F.R. | 52 16 | 4 | Metal post, white stripe on concrete base, rectangular daymark, red cone topmark, point down; 33. | Visible on range line only. |
| | | | | * | | | 20/04 |
| POTI: | | | | | | | |
| 19277 <i>E 5762</i> | -Entrance Range, front. | 42° 09.6' N 41° 38.9' E | F.R. | 43 13 | 5 | White square framework tower, white rectangular daymark, red stripe; 42. | Horn: 2 bl. ev. 54s (bl. 6s, si. 12s, bl. 6s, si. 30s). |
| | | * | | | | | 20/04 |
| 19292 <i>E 5762</i> | -N. breakwater, extremity. | | | | | | Remove from list. |
| | | | | * | | | 20/04 |
| 19296 <i>E 5762.2</i> | -N. breakwater, S. spur, head. | 42° 09.2' N 41° 38.7' E | Fl.R. period 5s fl. 0.5s, ec. 4.5s | 23 7 | 1 | White square tower; 16. | |
| | | | | * | | | 20/04 |
| 19332 <i>E 5772.1</i> | --Rear, 1,300 meters 172°24' from front. | 41° 38.3' N 41° 39.1' E | Fl.R. period 2.5s fl. 0.5s, ec. 2s | 130 40 | 12 | Black truncated pyramid, white wings; 16. | Visible on range line only. |
| | | | | * | | | 20/04 |
| 19632 <i>E 5826</i> | Oluce Burun. | 41° 18.8' N 31° 24.0' E | Fl.(2)W. period 10s fl. 0.5s, ec. 2s fl. 0.5s, ec. 7s | 256 78 | 15 | White tower; 29. | Siren: 1 bl. ev. 15s. |
| | | | | * | | | 20/04 |
| FETHIYE KORFEZI: | | | | | | | |
| 20536 <i>E 5841</i> | -Kizil Adalar. | 36° 39.3' N 29° 02.5' E | Fl.W. period 5s fl. 0.5s, ec. 4.5s | 105 32 | 15 | White stone tower with gallery, white dwelling; 43. | |
| | -RACON | D(- • -) | | * | | | 20/04 |

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.

SECTION II

CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2003 EDITION

| (1) No. | (2) Name and Location | (3) Position | (4) Characteristic | (5) Height | (6) Range | (7) Structure | (8) Remarks |
|------------------------------|--------------------------|----------------------------|--------------------------------------|---------------|--------------|---|--|
| 22380 -Passe Nord. E 6602 | | 36° 46.6' N 3° 04.7' E | Fl.(2)W. period 3s | 75 23 | 20 | White tower; 56. | Visible 154°-055°. Nautophone: Mo.(N) ev. 30s (bl. 3s, si. 3s, bl. 1s, si. 23s). Radiobeacon. |
| | | | | | * | | 20/04 |
| 23702 -Espigao. D 2632.2 | | 36° 58.9' N 25° 02.9' W | Fl.W. period 6s fl. 1s, ec. 5s | 679 207 | 12 | Round column, red and white bands; 20. | |
| | | | | | * | | 20/04 |

CORRECTIONS TO PUB 113, RADIOBEACONS, 2003 EDITION

| (1) No. | (2) Name | (3) Position | (4) Characteristic | (5) Range | (6) Sequence | (7) Frequency | (8) Remarks |
|------------|------------------------------|-----------------|-----------------------|--------------|-----------------|------------------|-------------------|
| 430 | Cabo de la Nao Light Station | | | | | | Remove from list. |
| | | | | | * | | 20/04 |

CORRECTIONS TO PUB 115, LIST OF LIGHTS, 2003 EDITION

| (1) No. | (2) Name and Location | (3) Position | (4) Characteristic | (5) Height | (6) Range | (7) Structure | (8) Remarks |
|---|--------------------------|----------------------------|---------------------------|---------------|----------------------|--|---|
| 14088 -Sandholmen, on islet, N. side L 3960 of Ingoya. | | 71° 05.2' N 23° 59.2' E | Fl.(2)W.R.G. period 5s | 98 30 | W. 6 R. 4 G. 4 | White lantern on concrete column; 10. | R. 057°30'-081°, W.-097°, G.- 231°, W.-234°, R.-251°, G.- 264°. |
| | | | | * | * | | 20/04 |

CORRECTIONS TO PUB 116, LIST OF LIGHTS, 2003 EDITION

| (1) No. | (2) Name and Location | (3) Position | (4) Characteristic | (5) Height | (6) Range | (7) Structure | (8) Remarks |
|---|--------------------------|----------------------------|---------------------------|---------------|----------------------|--|---|
| 1164 Matskar. C 0626 | | 57° 30.5' N 11° 44.7' E | Q.W.R.G. | 33 10 | W. 5 R. 3 G. 3 | White hut. | G. 214°-227°, W.-237°, R.-310°, G.-003°, W.-016°, R.-045°. Fishing light. |
| | | * | | * | * | | * |
| 7316 Hano. C 7538 | | 56° 00.8' N 14° 50.8' E | Fl.(3)W. period 12s | 231 70 | 24 | White concrete tower; 52. | Shown by day during poor visibility Nov. 1 to Mar. 31. |
| | | * | * | * | * | | 20/04 |
| 7324 Bonsacken. C 7536 | | 56° 01.1' N 14° 50.1' E | Fl.(2)W.R.G. period 6s | 36 11 | W. 9 R. 6 G. 5 | Gray structure. | G. 000°-020°, W.-054°, R.-134°, G.-150°, W.-239°, R.-255°, G.-268°. |
| | | * | | * | * | | 20/04 |
| 10340 Eggegrund. C 6172 | | 60° 43.7' N 17° 33.5' E | Fl.(4)W.R. period 12s | 95 29 | 14 | Concrete tower, upper part black, lower part white; 85. | R.-150°-204°, W.-150°. |
| | | * | * | * | * | | * |
| 15132 Mulan Islet Range, front. C 4930 | | | | | | | Remove from list. |
| | | | | | * | | 20/04 |

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.

SECTION II

CORRECTIONS TO PUB 116, LIST OF LIGHTS, 2003 EDITION

| (1) No. | (2) Name and Location | (3) Position | (4) Characteristic | (5) Height | (6) Range | (7) Structure | (8) Remarks |
|--------------------------|--------------------------|-----------------|-----------------------|---------------|--------------|------------------|--------------------------|
| 15136 <i>C 4930.1</i> | -Rear, 277° from front. | | | | | | <i>Remove from list.</i> |
| 15140 <i>C 4931</i> | Mulan Islet. | | | | | | <i>Remove from list.</i> |
| 15144 <i>C 4928</i> | Grisselklubb. | | | | | | <i>Remove from list.</i> |
| | | | | | | * | 20/04 |
| | | | | | | * | 20/04 |
| | | | | | | * | 20/04 |

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.

SECTION II

PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 20/04

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

| NGA Reference No. | Ed. | Notice to Mariners No. | NGA Reference No. | Ed. | Notice to Mariners No. | NGA Reference No. | Ed. | Notice to Mariners No. |
|---------------------------------------|------|--|-------------------|------|---|---------------------------------|------|--|
| NGA HYDRO CATALOG CATP2V01U | | | SDPUB120 | 2001 | 12*,18,48,49,51/01; 8,13,14,21,22,24,29, 33,35,37,42,43,44, 45,47/02;4,6,7,8,9, 10,11,12,14,17,20, 21,23,29,30,31,41, 42,44,45,52/03;5,9, 12,14,15/04 | SDPUB175 | 2001 | 41*,43,45,51/01;8, 11,12,13,14,16,17, 21,27,37,41,49/02; 26,27,29,32,37,38, 43,47/03 |
| Region 1 | 2002 | 1*,2,3,4,7,8,9,10,11, 14,15,17,19,20,21, 22,23,24,25,26,27, 28,29,30,31,32,35, 36,37,38,39,40,41, 42,43,44,45,46,47, 48,50,51,52/03;1,2, 3,5,6,8,9,10,11,12, 13,14,15,16,17,18, 19,20/04 | SDPUB123 | 2001 | 45*,47,48/01;1,14, 17,18,19/02;24,25, 27,28,32,38,42/03 | SDPUB180 | 2002 | 32*,33,42,47,48, 50/02;6,13,14,17,21, 24,42,44,47,48,49, 51/03;19/04 |
| Region 2 | 2002 | 1*,8,15,17,20,21,22, 23,24,26,28,30,32, 33,34,44,48,52/03;2, 3,5,7,10,11,14,15, 20/04 | SDPUB124 | 2001 | 18*,44,45,47,48,49, 52/01;17,19,20,21, 29,30,31,34,46, 50/02;24,25,27,28, 29,30,32,35,36,37, 39,44,48/03 | SDPUB181 | 2002 | 38*,39/02 |
| Region 3 | 2002 | 1/03*;19/04 | SDPUB126 | 2002 | 39*,41,42,43,44,45, 48/02;24,26,27,28, 30,32,41/03;12, 16/04 | SDPUB182 | 2001 | 8*,10,12,41/02; 17/03 |
| Region 4 | 2002 | 1*,23,43/03 | | | | SDPUB183 | 2001 | 27/01*;13,15,16/02; 18/03 |
| Region 5 | 2002 | 1*,3,5,8,22,27,30, 33,38,48/03;1,9,10, 14,20/04 | SDPUB193 | 2000 | 27*,38,49,00;9,26, 27,31,32/01;14,15, 26,52/02;18,19,20, 23,29/03;6/04 | | | |
| Region 6 | 2002 | 1*,10,11,13,16,19, 20,21,25,28,30,33, 38,50/03;11/04 | SDPUB140 | 2001 | 21*,48,49,51/01;8, 17,23,32,42,43,44, 46,47,48,50/02;4,6, 7,8,9,11,12,15,19, 21,22,23,24,25,26, 31,32,34,37,42, 43/03 | SDPUB195 | 2002 | 33*,40,49,51,52/02; 1,2,3,15,16,21,32, 33,41,43,46,49/03;1, 12/04 |
| Region 7 | 2002 | 1*,11,15,28/03 | SDPUB141 | 2001 | 21*,38/01 | SDPUB200 | 2002 | 38*,39,42/02;22,27, 34,41,51,52/03 |
| Region 8 | 2002 | 1*,14,37,41,46, 52/03 | SDPUB142 | 2000 | 49/00*;3,31,35/01; 1,15,43/02 | | | |
| Region 9 | 2002 | 1*,34,40,43,45,48, 50,51,52/03;1,7,11, 14,15/04 | SDPUB147 | 2001 | 35/01*;21,22,23, 24/02;39,40,41,46, 50/03;10,12,15, 19/04 | USCG LIGHT LIST VOLUMES I - VII | | |
| Miscellaneous Charts and Publications | 2002 | 1*,2,4,5,6,7,9,11,12, 13,15,17,18,19,20, 21,23,24,25,27,28, 29,30,31,32,33,34, 36,37,38,39,41,42, 43,45,46,47,48,49, 51,52/03;1,4,5,6,7,9, 10,11,13,14,16,17, 18,19,20/04 | SDPUB148 | 2001 | 48/01*;23,24/02;22, 42,43,45,48,50, 52/03;5,13,14/04 | COMDTM165021 | 2003 | 17*,18,19,20,21,22, 23,24,25,26,27,28, 29,30,31,32,33,34, 36,37,38,39,40, 42,43,44,45,48,50, 52/03;3,4,6,7,8,9,10, 12,14,15,16,17,18, 19,20/04 |
| NGA LIST OF LIGHTS | | | SDPUB153 | 2000 | 6/01*;28,30,41,44, 46,47,48,52/02;1,3, 4,8,13,15,22,25,32, 35,37,38,39,40, 43/03 | COMDTM165022 | 2003 | 17*,18,19,20,21,22, 23,24,25,26,27,28, 29,30,31,32,33,34, 35,36,37,38,39,40, 41,42,43,44,45,46, 47,48,49,50,51, 52/03;1,2,3,4,5,6,7, 8,9,10,11,12,13,14, 15,16,17,18,19, 20/04 |
| LLPUB110 | 2004 | 10*,14,15,19/04 | SDPUB154 | 2002 | 17*,19,31,42,44,45, 46,48,50/02;3,14,19, 23,30,41,42,47/03; 10,12,13,16,19, 20/04 | COMDTM165023 | 2003 | 17*,18,19,20,21,22, 23,24,25,26,27,28, 29,30,31,32,33,34, 35,36,37,38,39,40, 41,42,43,44,45,46, 47,48,49,50,51, 52/03;1,2,3,4,5,6,7, 8,9,10,11,12,13,14, 15,16,17,18,19, 20/04 |
| LLPUB111 | 2003 | 33*,34,35,36,37,38, 39,40,41,43,45,47, 49,50,51,52/03;1,2, 3,4,7,8,9,10,11,12, 13,14,15,17,18, 19/04 | SDPUB155 | 2001 | 31*,48/01;10,45, 46/02 | COMDTM165024 | 2003 | 17*,18,19,20,21,22, 23,24,25,26,27,28, 29,30,31,32,33,34, 35,36,37,38,39,40, 41,42,43,44,45,46, 47,48,49,50,51, 52/03;1,2,3,4,5,6,7, 8,9,10,11,12,13,14, 15,16,17,18,19, 20/04 |
| LLPUB112 | 2004 | 7*,9,10,11,12,14,15, 16,17,18,19,20/04 | SDPUB159 | 2002 | 42*,48/02;10,13, 15/04 | COMDTM165025 | 2002 | 16/02* |
| LLPUB113 | 2003 | 46*,48,49,50,51, 52/03;1,2,3,4,5,6,7, 8,9,10,11,12,13,14, 15,16,17,18,19, 20/04 | SDPUB160 | 2002 | 47*,48,49,52/02;6,8, 10,11,19,21,22,23, 30,33,36,39,41,43, 48,49,51/03;1,2,5,6, 11/04 | COMDTM165026 | 2003 | 18*,19,20,21,22,23, 24,25,26,27,28,29, 32,33,34,35,36,37, 38,39,41,43,44,45, 46,47,48,49,50,51, 52/03;1,2,3,4,5,6,7, 8,9,10,11,12,13,14, 15,16,17,18,19, 20/04 |
| LLPUB114 | 2004 | 18/04* | SDPUB161 | 2002 | 23*,24,44,47,48/02; 5,12/03;10,14/04 | COMDTM165024 | 2003 | 18*,19,20,21,22,23, 24,25,26,27,28,29, 30,31,32,33,34,35, 36,37,38,39,40,41, 42,43,44,45,46,47, 48,49,50,51,52/03;1, 2,3,4,6,7,8,9,10,11, 12,13,14,15,16,17, 18,20/04 |
| LLPUB115 | 2003 | 42*,44,46,47,48,49, 51,52/03;1,3,5,7,10, 12,13,14,15,16,17, 20/04 | SDPUB162 | 2001 | 51/01*;5,12/03; 12/04 | COMDTM165025 | 2002 | 18*,19,20,21,22,23, 24,25,26,27,28,29, 30,31,32,33,34,35, 36,37,38,39,40,41, 42,43,44,45,46,47, 48,49,50,51,52/03;1, 2,3,4,6,7,8,9,10,11, 12,13,14,15,16,17, 18,19,20/04 |
| LLPUB116 | 2003 | 24*,26,27,28,29,30, 31,32,33,34,35,36, 37,38,39,40,41,42, 43,44,45,47,48,49, 50,51/03;1,2,3,5,6,7, 8,9,10,11,12,13,14, 15,16,17,18,19, 20/04 | SDPUB163 | 2002 | 18*,20,21,26,46, 51/02;13,24,26,27, 28,29,30,31,39,40, 41,43,47,48/03;12, 16/04 | COMDTM165026 | 2003 | 18*,19,20,21,22,23, 24,25,26,27,28,29, 30,31,32,33,34,35, 36,37,38,39,40,41, 42,43,44,45,46,47, 48,49,50,51,52/03;1, 2,3,4,6,7,8,9,10,11, 12,13,14,15,16,17, 18,19,20/04 |
| SAILING DIRECTIONS | | | SDPUB171 | 2001 | 40*,47,48,52/01;5,9, 14,16,41/02;23,24, 26,41/03 | CDPUBSD125 | 2003 | 19*,43,49,51,52/03 |
| CDPUBSD125 | 2003 | 39/03* | SDPUB172 | 2001 | 1*,2,3,5,6,7,8,9,14, 15,16,17,18,19,20, 22,24/02;1,11,12,13, 14,15,19,20,22,23, 25,26,27,28,29,31, 32,33,34,35,37,38, 39,40,43,44,45,46, 47,48,51/03;1,2,3,4, 5,8,9,12,13,14,17, 19,20/04 | CDPUBSD127 | 2003 | 39/03* |
| CDPUBSD127 | 2003 | 6/04* | SDPUB173 | 2002 | 50*,51/02;3,22,24, 25,26,27,32,33,34, 37,38,39,50,51/03; 13,16,17/04 | CDPUBSD131 | 2002 | 9/03* |
| CDPUBSD131 | 2002 | | SDPUB174 | 2000 | 7*,19,37,45,51, 52/01;1,5,14,19,22, 28,33,37,38,48/02; 30,39,40,41,43/03; 6/04 | CDPUBSD132 | 2003 | 6/04* |
| CDPUBSD132 | 2003 | | | | | CDPUBSD143 | 2003 | 46/03* |
| CDPUBSD143 | 2003 | | | | | CDPUBSD145 | 2003 | 51/03* |
| CDPUBSD145 | 2003 | | | | | CDPUBSD146 | 2002 | 4/03* |
| CDPUBSD146 | 2002 | | | | | CDPUBSD157 | 2003 | 17/03* |
| CDPUBSD157 | 2003 | | | | | CDPUBSD158 | 2003 | 24/03* |
| CDPUBSD158 | 2003 | | | | | CDPUBSD164 | 2003 | 16/04* |
| CDPUBSD164 | 2003 | | | | | CDPUBSD191 | 2003 | 52/03* |
| CDPUBSD191 | 2003 | | | | | CDPUBSD192 | 2003 | 32*,36,38,39,40,41, 42,43/03 |
| CDPUBSD192 | 2003 | | | | | CDPUBSD194 | 2002 | 6*,8,15,17,30,33,35, 37,38,39,40/03 |
| CDPUBSD194 | 2002 | | | | | | | |
| FLEET GUIDES | | | | | | | | |
| CDPUBFGPAC | 2004 | N17/04* | | | | | | |
| FGPUB940ATL | 2001 | N47/01* | | | | | | |
| NOS MISCELLANEOUS PUBLICATIONS | | | | | | | | |
| NOSPBCATALOG2 | 2000 | 34/00* | | | | | | |
| NOSPBCATALOG3 | 2000 | 28/00* | | | | | | |

SECTION II

PUBLICATIONS AFFECTION BY NOTICE TO MARINERS
THROUGH NM 20/04

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

| NGA Reference No. | Ed. | Notice to Mariners No. | NGA Reference No. | Ed. | Notice to Mariners No. | |
|--|------|---|------------------------|------|------------------------|--|
| NOSPBCATALOG4 | 2000 | 34/00* | | | | |
| NOSPBCATALOGA | 2003 | 19/04* | | | | |
| NOSPBCATALOGG | 2003 | 19/04* | | | | |
| ALMANACS | | | NOS TIDE TABLES | | | |
| AIRALMANAC401 | 2004 | 29/03* | NOSPBTTCWPACIN4 | 2004 | N1/04* | |
| NAUTALMANAC04 | 2004 | 29/03* | NOSPBTTECSTNSA4 | 2004 | N1/04* | |
| COAST PILOT | | | NOSPBTTEURAFR4 | 2004 | N1/04* | |
| NOSPBCP1 | 34 | 18/04* | NOSPBTTCSTNSA4 | 2004 | N1/04* | |
| NOSPBCP2 | 33 | 5*,6,9,20/04 | | | | |
| NOSPBCP3 | 37 | 14*,18/04 | | | | |
| NOSPBCP4 | 35 | 34*,36,39,42,44,46, 47,51/03;6,7,8,9,11, 12,19,20/04 | | | | |
| NOSPBCP5 | 31 | 51*,52/03;1,7,8,9, 10,12,13,15,17, 18/04 | | | | |
| NOSPBCP6 | 34 | 13*,18,19/04 | | | | |
| NOSPBCP7 | 36 | 18*,19,20/04 | | | | |
| NOSPBCP8 | 25 | 32*,33,34,39,42,48, 51/03;1,7,8,10,17, 18,20/04 | | | | |
| NOSPBCP9 | 21 | 30*,32,33,36,39,42, 48,51/03;8,18,19, 20/04 | | | | |
| RADIO NAVIGATIONAL AIDS | | | | | | |
| RAPUB117 | 2002 | 50/02*;13/03 | | | | |
| AMERICAN PRACTICAL NAVIGATOR | | | | | | |
| NVPUB9 | 2002 | 36/02*;14,38/03 | | | | |
| INTERNATIONAL CODE OF SIGNALS | | | | | | |
| CDPUBNV102 | 2003 | 20/03* | | | | |
| WORLD PORT INDEX | | | | | | |
| NVPUB150 | 2000 | 50/00*,14,15,16,20, 21,41,42,43,44,45, 46,47,48,49,51, 52/01;1,2,5,6,10,11, 12,16,19,21,22,27, 31,32,33,36,39,40, 42,46,49/02;2,7,10, 15,20/03 | | | | |
| DISTANCES BETWEEN PORTS | | | | | | |
| NVPUB151 | 2001 | 4/02* | | | | |
| RADAR NAVIGATION AND MANEUVERING BOARD MANUAL | | | | | | |
| CDPUBNV1310 | 2001 | 51/01* | | | | |
| SIGHT REDUCTION TABLES (MARINE) | | | | | | |
| SRPUB229V1 | 1970 | 11/71* | | | | |
| SRPUB229V2 | 1970 | 11/71* | | | | |
| SRPUB229V3 | 1970 | 7/71* | | | | |
| SRPUB229V4 | 1970 | 3/71* | | | | |
| SRPUB229V5 | 1970 | 3/71* | | | | |
| SRPUB229V6 | 1970 | 23/70* | | | | |
| SIGHT REDUCTION TABLES (AIR) | | | | | | |
| SRPUB249V1 | 2000 | 4/01* | | | | |
| SRPUB249V2 | 1952 | 46/52* | | | | |
| SRPUB249V3 | 1952 | 46/52* | | | | |
| CHART NO. 1 | | | | | | |
| WOBZC1 | 1997 | 18/98* | | | | |
| CHART NO. 4 | | | | | | |
| WOBZC4 | 1988 | N23/91* | | | | |
| ATLAS OF PILOT CHARTS | | | | | | |
| NVPUB106 | 2002 | 42/03* | | | | |
| NVPUB107 | 1998 | 30/99* | | | | |
| NVPUB109 | 2001 | 49/02* | | | | |
| USCG NAVIGATION RULES | | | | | | |
| COMDTM166722D | 1999 | 44/99*;52/00;16/04 | | | | |

SECTION III

NM 20/04

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 291200Z April 2004:

| 2003 series | 2004 series | 111(GEN) | 134(11,26) | 141(GEN) |
|-------------|-------------|----------|------------|----------|
| 108(26,27) | 57(GEN) | 128(26) | 139(26) | 142(GEN) |
| 387(GEN) | 79(26) | 130(11) | 140(26) | |

The summary of all NAVAREA IV messages in force as of 11 December 2003 is given in Section III of NM 52/03. Warnings issued during the subsequent quarter are issued in NM 13/04.

NAVAREA IV WARNINGS issued from 221200Z to 291200Z April 2004.

131/04 thru 133/04. CANCELED.

134/04(11,26). NORTH ATLANTIC. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS:
 - A. 0400Z TO 0359Z COMMENCING DAILY
26 APR THRU 02 MAY IN AREA BOUND BY
30-45N 080-54W, 30-45N 080-11W,
30-36N 080-11W, 30-34N 080-55W.
 - B. 0400Z TO 0359Z COMMENCING DAILY
26 APR THRU 02 MAY IN AREA BETWEEN
29-10N 29-20N AND 079-40W 079-50W.
 - C. 1900Z TO 0359Z COMMENCING DAILY
27 THRU 29 APR AND 0400Z TO 0500Z
DAILY 28 THRU 30 APR IN AREA BETWEEN
30-00N 29-50N AND 080-50W 081-00W.
2. CANCEL THIS MSG 030459Z MAY.

(231305Z APR 2004)

135/04 thru 138/04. CANCELED.

139/04(26). CARIBBEAN SEA.

1. DERELICT 72 FOOT S/V, BLUE HULL WITH WHITE TRIM,
SINKING IN 19-32.5N 074-58.5W.
2. CANCEL THIS MSG 03 MAY.

(261700Z APR 2004)

140/04(26). NORTH ATLANTIC.

1. CABLE OPERATIONS IN PROGRESS UNTIL 02 MAY
BY CABLESHIP TYCO RESPONDER WITHIN
TWO MILES OF 25-05.81N 071-23.14W.
ONE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 03 MAY.

(261800Z APR 2004)

141/04(11). INTERNATIONAL ICE PATROL.

1. THE 2004 INTERNATIONAL ICE PATROL SEASON OPENED WITH THE TRANSMISSION OF THE 0000Z BULLETIN ON 27 APR. THE 0000Z AND 1200Z BULLETINS WILL BE BROADCAST OVER THE INMARSAT SAFETYNET (AOR-E AND AOR-W) SYSTEM. NBDP (FEC) BROADCASTS OF THE BULLETINS WILL BE AVAILABLE FROM COGARD CAMSLANT CHESAPEAKE/NIK AT 0030Z ON 6314, 8416.5, 12579 KHZ AND AT 1218Z ON 8416.5, 12579, 16806.5 KHZ. NAVTEX ICE BROADCASTS WILL BE AVAILABLE FROM COGARD CAMSLANT CHESAPEAKE/NIK AT 0045Z, 0445Z, 0845Z, 1245Z, 1645Z AND 2045Z ON 518 KHZ. RADIO FACSIMILE CHARTS WILL BE BROADCAST AT 1600Z AND 1810Z ON 6340.5, 9110, 12750 KHZ. DRUM SPEED 120. BROADCAST TIMES MAY BE OBTAINED BY CALLING 860 441 2626 OR VIA INTERNET AT WWW.USCG.MIL/LANTAREA/IIP/IIPRODS.HTML
2. USE EXTREME CAUTION WHEN NEAR THE GRAND BANKS AS ICE MAY BE PRESENT. REPORT POSITION AND TIME OF ANY ICE ENCOUNTERED TO COMINTICEPAT VIA CG COMMUNICATIONS STATION NMF, NMN, INMARSAT CODE 42 OR ANY CANADIAN COAST GUARD RADIO STATION. MAKE UNCLASSIFIED SEA SURFACE TEMPERATURE AND WEATHER REPORTS TO COMINTICEPAT EVERY SIX HOURS WITHIN LATITUDES 40N AND 52N AND LONGITUDES 39W AND 57W. ICE INFORMATION FOR CANADIAN COASTAL WATERS IS AVAILABLE FROM THE CANADIAN ICE SERVICE OR THE CANADIAN COAST GUARD.
3. CANCEL THIS MSG 04 MAY.

(270650Z APR 2004)

SECTION III

142/04(GEN).

1. NAVAREA IV MESSAGES IN FORCE 271000Z APR 2004. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN. 2004 SERIES: 111(GEN), 128(26), 130(11), 134(11,26), 139(26), 140(26), 141(GEN).
2. THE SUMMARY OF ALL NAVAREA IV MESSAGES IN FORCE AS OF 11 DEC 2003 IS GIVEN IN SEC III OF NM 52/03.
3. CANCEL NAVAREA IV 126/04, 132/04, 135/04, 136/04, 137/04, 138/04.

(271010Z APR 2004)

SECTION III

HYDROLANTS

Messages in force 291200Z April 2004:

| | | | | | |
|-------------|-------------|-------------|------------|------------|----------|
| 2001 series | 1731(35) | 2418(52) | 480(22) | 649(55) | 706(53) |
| 611(44) | 1944(53) | 2419(54) | 505(52,53) | 650(55) | 707(GEN) |
| 2700(37) | 1999(23) | 2420(54) | 516(51,52) | 654(36) | 708(GEN) |
| 2002 series | 2175(24) | 2004 series | 519(51) | 655(53) | 709(56) |
| 245(GEN) | 2203(53) | 164(53) | 524(53) | 666(52) | 710(36) |
| 246(GEN) | 2297(24) | 169(51,52) | 526(53) | 668(56) | 713(24) |
| 2003 series | 2374(35) | 224(24) | 527(37) | 672(53) | 714(24) |
| 41(37) | 2384(23,24) | 272(24) | 577(GEN) | 673(51) | 715(24) |
| 67(37) | 2406(54) | 309(GEN) | 593(56) | 685(52,53) | 716(24) |
| 544(55) | 2407(54) | 359(51) | 607(51) | 687(51) | 717(24) |
| 604(26,27) | 2408(54) | 378(35) | 614(54) | 696(36,37) | 718(24) |
| 738(35) | 2409(54) | 409(26) | 628(53,56) | 697(55) | 719(23) |
| 1117(37) | 2410(54) | 449(53) | 631(37) | 699(53) | 720(24) |
| 1242(24) | 2413(54) | 467(23) | 632(53) | 700(53) | 721(53) |
| 1422(53) | 2414(54) | 473(57) | 641(53) | 702(37) | 722(52) |
| 1472(35) | 2416(54) | 478(51) | 643(57) | 705(GEN) | |

The summary of all HYDROLANTS in force as of 11 December 2003 is given in Section III of NM 52/03.
Warnings issued during the subsequent quarter are issued in NM 13/04.

HYDROLANT WARNINGS issued from 221200Z to 291200Z April 2004.

677/04 thru 684/04. CANCELED.

685/04(52,53). TUNISIA-EAST COAST.

1. DEREELICT SEVEN METER VESSEL, BLUE AND WHITE HULL,
SINKING IN 35-09N 011-23E.
2. CANCEL HYDROLANT 667/04(53), AID RESTORED.
3. CANCEL THIS MSG 30 APR.

(231440Z APR 2004)

686/04. CANCELED.

687/04(51). NORTH ATLANTIC.

S/V WOT NOT OVERDUE CANARY ISLANDS TO PORTUGAL.
LAST KNOWN POSITION VICINITY GRAN CANARIA ON
18 APR. VESSELS IN VICINITY REQUESTED TO
KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO LISBOA RADIO OR MRCC LISBON.

(231555Z APR 2004)

688/04 thru 695/04. CANCELED.

696/04(36,37). NORTH ATLANTIC.

40 FOOT S/V ILLEX 2 DISABLED IN 49-28.9N 006-36.0W
AT 242043Z APR. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO MRCC FALMOUTH.

(242335Z APR 2004)

697/04(55). BLACK SEA.

1. UNDERWATER OPERATIONS IN PROGRESS UNTIL 01 APR 06
BY M/V TAMANSKIY POLUOSTROV IN AREA BOUND BY
45-07.3N 036-41.3E, 45-06.3N 036-40.4E,
45-06.4N 036-40.3E, 45-06.4N 036-40.2E,
45-06.3N 036-40.0E, 45-06.4N 036-40.0E,
45-07.0N 036-39.5E, 45-07.1N 036-40.1E,
45-07.1N 036-40.2E, 45-07.4N 036-40.5E.
2. CANCEL HYDROLANT 682/04.
3. CANCEL THIS MSG 02 APR 06.

(250001Z APR 2004)

698/04. CANCELED.

SECTION III

699/04(53). EASTERN MEDITERRANEAN SEA.

1. CABLE OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE
BY CABLESHIP ILE DE BATZ IN AREA BOUND BY
36-16.6N 015-11.5E, 36-16.4N 015-12.5E,
36-14.2N 015-10.9E, 36-14.5N 015-10.0E.
WIDE BERTH REQUESTED.
2. CANCEL HYDROLANT 686/04.

(251330Z APR 2004)

700/04(53). SARDEGNA-SOUTHWEST COAST.

- CHART 53262 (1ST ED).
ISOLOTTA IL TORO LIGHT 38-51.6N 008-24.6E UNLIT.

(251406Z APR 2004)

701/04. CANCELED.

702/04(37). ENGLAND-EAST COAST.

1. CABLE OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE BY BARGE PONTRA MARIS VICINITY OF
52-38.2N 001-46.8E. WIDE BERTH REQUESTED.
2. CANCEL HYDROLANT 636/04.

(251621Z APR 2004)

703/04 and 704/04. CANCELED.

705/04(GEN). EUROPE-NORTHWEST COAST.

1. LORAN-C STATION SOUSTONS, RATE 6731-X,
OFF AIR 291400Z TO 292000Z APR.
2. CANCEL THIS MSG 292100Z APR.

(261140Z APR 2004)

706/04(53). TYRRHENIAN SEA.

- CHART 53181 (4TH ED).
CAPO FARO LIGHT 38-34.8N 014-52.2E UNLIT.

(261922Z APR 2004)

707/04(GEN). INTERNATIONAL ICE PATROL.

1. THE 2004 INTERNATIONAL ICE PATROL SEASON OPENED WITH THE TRANSMISSION OF THE 0000Z BULLETIN ON 27 APR. THE 0000Z AND 1200Z BULLETINS WILL BE BROADCAST OVER THE INMARSAT SAFETYNET (AOR-E AND AOR-W) SYSTEM. NBDP (FEC) BROADCASTS OF THE BULLETINS WILL BE AVAILABLE FROM COGARD CAMSLANT CHESAPEAKE/NIK AT 0030Z ON 6314, 8416.5, 12579 KHZ AND AT 1218Z ON 8416.5, 12579, 16806.5 KHZ. NAVTEX ICE BROADCASTS WILL BE AVAILABLE FROM COGARD CAMSLANT CHESAPEAKE/NIK AT 0045Z, 0445Z, 0845Z, 1245Z, 1645Z AND 2045Z ON 518 KHZ. RADIO FACSIMILE CHARTS WILL BE BROADCAST AT 1600Z AND 1810Z ON 6340.5, 9110, 12750 KHZ, DRUM SPEED 120. BROADCAST TIMES MAY BE OBTAINED BY CALLING 860 441 2626 OR VIA INTERNET AT WWW.USCG.MIL/LANTAREA/IIP/IIPRODS.HTML
2. USE EXTREME CAUTION WHEN NEAR THE GRAND BANKS AS ICE MAY BE PRESENT. REPORT POSITION AND TIME OF ANY ICE ENCOUNTERED TO COMINTICEPAT VIA CG COMMUNICATIONS STATION NMF, NMN, INMARSAT CODE 42 OR ANY CANADIAN COAST GUARD RADIO STATION. MAKE UNCLASSIFIED SEA SURFACE TEMPERATURE AND WEATHER REPORTS TO COMINTICEPAT EVERY SIX HOURS WITHIN LATITUDES 40N AND 52N AND LONGITUDES 39W AND 57W. ICE INFORMATION FOR CANADIAN COASTAL WATERS IS AVAILABLE FROM THE CANADIAN ICE SERVICE OR THE CANADIAN COAST GUARD.
3. CANCEL THIS MSG 04 MAY.

(270655Z APR 2004)

708/04(GEN).

1. HYDROLANT MESSAGES IN FORCE 271100Z APR 2004. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN. 2004 SERIES: 449(53), 467(23), 473(57), 478(51), 480(22), 505(52,53), 516(51,52), 519(51), 524(53), 526(53), 527(37), 577(GEN), 593(56), 607(51), 614(54), 628(53,56), 631(37), 632(53), 641(53), 643(57), 649(55), 650(55), 654(36), 655(53), 666(52), 668(56), 672(53), 673(51), 683(53), 685(52,53), 687(51), 692(24), 696(36,37), 697(55), 698(24), 699(53), 700(53), 702(37), 703(24), 704(53), 705(53), 706(53), 707(53).
2. THE SUMMARY OF ALL HYDROLANT MESSAGES IN FORCE AS OF 11 DEC 2003 IS GIVEN IN SEC III OF NM 52/03.
3. CANCEL HYDROLANT 4265/00, 399/04, 639/04, 652/04, 678/04, 684/04, 694/04, 695/04, 701/04.

(271110Z APR 2004)

SECTION III

NM 20/04

709/04(56). EASTERN MEDITERRANEAN SEA.

1. UNDERWATER OPERATIONS 01 THRU 31 MAY
BY M/V NAUTICAL TIDE IN AREA BETWEEN
33-40N 33-18N AND 032-05E 032-10E.
TWO MILE BERTH REQUESTED.
2. CANCEL THIS MSG 01 JUN.

(271700Z APR 2004)

710/04(36). WALES-WEST COAST. RADIO SERVICES.

MRSC MILFORD HAVEN 51-41N 005-10W MF DSC UNRELIABLE.

(281000Z APR 2004)

711/04 and 712/04. CANCELED.

713/04(24). BRAZIL-SOUTHEAST COAST.

1. SURVEY OPERATIONS IN PROGRESS UNTIL 010259Z MAY
BY M/V POLAR BJORN TOWING 50 METER
LONG CABLE IN AREA BOUND BY
20-41.4S 039-57.6W, 20-54.5S 039-22.6W,
21-45.1S 039-41.6W, 21-31.4S 040-17.1W.
ONE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 010359Z MAY.

(281500Z APR 2004)

714/04(24). BRAZIL-EAST COAST.

1. SEISMIC SURVEY 29 APR THRU 01 MAY BY
M/V RAMFORM VIKING TOWING EIGHT
6000 METER LONG CABLES IN AREA BOUND BY
13-09.0S 038-48.5W, 13-09.0S 038-31.0W,
13-45.0S 038-31.0W, 13-45.0S 038-56.0W,
13-42.5S 038-56.0W, 13-39.6S 038-52.5W,
13-27.0S 038-53.0W, 13-22.5S 038-54.1W,
13-21.1S 038-56.0W, 13-14.0S 038-56.0W.
FOUR MILE BERTH REQUESTED.
2. CANCEL THIS MSG 02 MAY.

(281510Z APR 2004)

715/04(24). BRAZIL-EAST COAST.

1. SEISMIC SURVEY 29 APR THRU 01 MAY BY
M/V TROPICALIENTE TOWING TWO 20 METER
LONG CABLES AND M/V BULLDOG TOWING
TWO 15 METER LONG CABLES IN AREA BOUND BY
13-43.83S 038-55.53W, 13-44.22S 038-55.72W,
13-46.57S 038-55.75W, 13-46.18S 038-50.55W.
ONE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 02 MAY.

(281520Z APR 2004)

716/04(24). BRAZIL-EAST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 020259Z MAY
BY M/V CGG HARMATTAN TOWING SIX 6000 METER
LONG CABLES IN AREA BOUND BY
19-52.1S 039-28.1W, 20-04.4S 039-28.1W,
20-04.3S 039-50.3W, 19-52.0S 039-50.3W.
FOUR MILE BERTH REQUESTED.
2. CANCEL THIS MSG 020359Z MAY.

(281530Z APR 2004)

717/04(24). BRAZIL-SOUTHEAST COAST.

1. SURVEY OPERATIONS IN PROGRESS UNTIL 010259Z MAY
BY M/V FALCON EXPLORER TOWING SIX 80 METER
LONG CABLES IN AREA BOUND BY
22-15S 040-15W, 22-20S 040-18W,
22-26S 040-09W, 22-20S 040-08W.
TWO MILE BERTH REQUESTED.
2. CANCEL THIS MSG 010359Z MAY.

(281540Z APR 2004)

718/04(24). BRAZIL-SOUTHEAST COAST.

1. SURVEY OPERATIONS IN PROGRESS UNTIL 010259Z MAY
BY M/V OCEAN EXPLORER TOWING 6000 METER
LONG CABLE IN AREA BOUND BY
22-15S 040-14W, 22-20S 040-18W,
22-26S 040-09W, 22-20S 040-07W.
ONE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 010359Z MAY.

(281550Z APR 2004)

SECTION III

719/04(23). SOUTH ATLANTIC. ICE.

1. ICEBERGS REPORTED ON 27 APR:

- A. A-38A, 16 MILES BY 35 MILES IN 52-44S 029-11W.
- B. A-38E, EIGHT MILES BY 16 MILES IN 52-03S 029-21W.
- C. A-38F, EIGHT MILES BY 21 MILES IN 51-28S 028-09W.
- D. A-38G, 12 MILES BY 38 MILES IN 52-22S 037-22W.

2. CANCEL THIS MSG 05 MAY.

(282033Z APR 2004)

720/04(24). SOUTH ATLANTIC.

M/V MENG HAI REPORTS WOUNDED CREWMAN REQUIRING MEDICAL ASSISTANCE IN 27-07S 026-56W AT 281800Z APR. VESSELS IN VICINITY ABLE TO PROVIDE MEDICAL ASSISTANCE REQUESTED TO ASSIST IF POSSIBLE. REPORTS TO ANY COASTAL RADIO STATION.

(290044Z APR 2004)

721/04(53). STRAIT OF SICILY. GUNNERY.

1. GUNNERY EXERCISES 0900Z TO 1100Z DAILY

04 AND 06 MAY IN AREA BOUND BY
35-56.0N 014-29.0E, 036-01.8N 014-41.2E,
36-06.4N 014-23.3E.

2. CANCEL HYDROLANT 683/04.

3. CANCEL THIS MSG 061200Z MAY.

(290650Z APR 2004)

722/04(52). WESTERN MEDITERRANEAN SEA.

1. DERELICT VESSELADRIFT IN 37-22N 008-05E ON 28 APR.

2. CANCEL HYDROLANT 711/04(53), AID RESTORED.

3. CANCEL HYDROLANT 712/04.

4. CANCEL THIS MSG 06 MAY.

(291050Z APR 2004)

SECTION III**NAVAREA XII**

Messages in force 291200Z April 2004:

| | | | | | |
|-------------------------|------------------------|------------------------|--------------------|------------------------|---------|
| 2003 series 262(GEN) | 2004 series 70(GEN) | 124(19,81) 125(GEN) | 146(19) 147(19) | 148(GEN) 149(22,83) | 150(18) |
|-------------------------|------------------------|------------------------|--------------------|------------------------|---------|

The summary of all NAVAREA XII messages in force as of 11 December 2003 is given in Section III of NM 52/03. Warnings issued during the subsequent quarter are issued in NM 13/04.

NAVAREA XII WARNINGS issued from 221200Z to 291200Z April 2004.

143/04 thru 145/04. CANCELED.

146/04(19). NORTH PACIFIC. MISSILES.

1. HAZARDOUS OPERATIONS 1900Z TO 0700Z COMMENCING DAILY
30 APR THRU 04 MAY IN AREA BOUND BY
25-52N 179-00W, 26-35N 180-00W,
28-25N 178-15W, 28-00N 177-30W.
2. CANCEL THIS MSG 050800Z MAY.

(250940Z APR 2004)

147/04(19). NORTH PACIFIC. HAWAII. MISSILES.

1. INTERMITTENT MISSILE FIRING OPERATIONS 0001Z TO 2400Z DAILY MONDAY THRU SUNDAY IN THE PACIFIC MISSILE RANGE FACILITY, HAWAIIAN AREA, BARKING SANDS, KAUAI. THE MAJORITY OF MISSILE FIRINGS TAKE PLACE 1600Z TO 0400Z DAILY MONDAY THRU FRIDAY. THE PACIFIC MISSILE RANGE FACILITY HAWAIIAN AREA (W188) IS BOUND BY:
 - A. 22-00.0N 159-51.0W.
 - B. 22-00.0N 160-00.0W THENCE CCW THREE MILES FROM
 - C. 22-02.7N 160-09.1W. NIIHAU/LEHUA.
 - D. 22-03.0N 160-21.0W.
 - E. 22-05.0N 161-35.0W THENCE CW 100 MILES FROM
 - F. 22-02.4N 159-47.3W. BARKING SANDS TACAN.
 - G. 22-45.0N 161-25.0W.
 - H. 22-56.0N 161-49.0W THENCE CW 125 MILES FROM
 - I. 22-02.4N 159-47.3W. BARKING SANDS TACAN.
 - J. 23-57.0N 160-41.0W.
 - K. 25-41.0N 161-36.0W THENCE CW 240 MILES FROM
 - L. 22-02.4N 159-47.3W. BARKING SANDS TACAN.
 - M. 25-47.0N 158-15.0W.
 - N. 23-54.0N 158-15.0W.
 - O. 22-20.0N 159-09.0W THENCE CCW 25 MILES FROM
 - P. 21-58.1N 159-20.5W. LIHUE VORTAC.
 - Q. 22-13.0N 159-42.0W THENCE CCW THREE MILES AND PARALLEL TO THE SHORELINE OF KAUAI.
 - R. 22-00.0N 159-51.0W.
2. VESSELS MAY BE REQUESTED TO ALTER COURSE WITHIN THE ABOVE AREA DUE TO FIRING OPERATIONS AND ARE REQUESTED TO CONTACT "MISSILE RANGE BARKING SANDS" ON 2182 KHZ, 4491 USB OR 156.8 MHZ (CHANNEL 16) BEFORE ENTERING THE ABOVE BOUNDARIES. IF UNABLE TO CONTACT THE PACIFIC MISSILE RANGE FACILITY PRIOR TO ENTERING OR WHILE IN THE WARNING AREA, RELAY MESSAGES THROUGH U.S. COAST GUARD HONOLULU.
3. VESSELS INBOUND AND OUTBOUND FOR HAWAIIAN PORTS WILL CREATE THE LEAST INTERFERENCE TO FIRING OPERATIONS AS WELL AS ENHANCE THE VESSEL'S SAFETY BY PASSING SOUTH OF THE ISLANDS OF KAUAI AND NIIHAU DURING SPECIFIED TIMES.
4. CANCEL NAVAREA XII 112/04.

(261010Z APR 2004)

148/04(19).

1. NAVAREA XII MESSAGES IN FORCE 271000Z APR 2004. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN. 2004 SERIES: 124(19,81), 125(GEN), 144(18), 146(19), 147(19).
2. THE SUMMARY OF ALL NAVAREA XII MESSAGES IN FORCE AS OF 11 DEC 2003 IS GIVEN IN SEC III OF NM 52/03.
3. CANCEL NAVAREA XII 140/04.

(271020Z APR 2004)

149/04(22,83). EASTERN PACIFIC. ROCKETS.

1. HAZARDOUS OPERATIONS 041222Z TO 041452Z MAY IN AREAS BETWEEN:
 - A. 00-10N 00-10S AND 153-20W 154-20W.
 - B. 00-12N 00-12S AND 146-30W 147-50W.
 - C. 00-18N 00-18S AND 144-20W 146-10W.
 - D. 00-24N 00-24S AND 113-50W 116-50W.
2. CANCEL THIS MSG 041552Z MAY.

(291010Z APR 2004)

SECTION III

150/04(18). EASTERN NORTH PACIFIC. MISSILES.

1. INTERMITTENT MISSILE FIRING OPERATIONS 0001Z TO 2359Z DAILY MONDAY THRU SUNDAY IN THE NAVAL AIR WARFARE CENTER SEA RANGE. THE MAJORITY OF MISSILE FIRINGS TAKE PLACE 1400Z TO 2359Z AND 0001Z TO 0200Z DAILY MONDAY THRU FRIDAY. THE SEA RANGE IS BOUND AS FOLLOWS:

- | | |
|--------------------|--|
| A. 34-02N 119-04W. | M. THENCE THREE NAUTICAL MILES FROM AND PARALLEL TO THE SHORELINE. |
| B. 33-52N 119-06W. | N. 34-24N 120-30W. |
| C. 33-29N 119-07W. | O. 34-08N 120-26W. |
| D. 33-29N 118-37W. | P. 34-08N 119-40W. |
| E. 33-20N 118-37W. | Q. 34-00N 119-40W. |
| F. 32-11N 120-16W. | R. 34-06N 119-13W. |
| G. 31-54N 121-35W. | S. 34-06N 119-11W. |
| H. 35-09N 123-39W. | T. 34-07N 119-10W. |
| I. 35-29N 123-00W. | U. 34-07N 119-07W. |
| J. 35-04N 122-43W. | V. 34-04N 119-04W. |
| K. 35-57N 121-32W. | |
| L. 34-59N 120-42W. | |
2. VESSELS MAY BE REQUESTED TO ALTER COURSE WITHIN THE ABOVE AREA DUE TO FIRING OPERATIONS AND ARE REQUESTED TO CONTACT PLEAD CONTROL ON 5081.5 KHZ (5080 KHZ) OR 3238.5 KHZ (3237 KHZ) SECONDARY OR 156.8 MHZ (CH 16) OR 127.55 MHZ BEFORE ENTERING THE ABOVE BOUNDARIES AND MAINTAIN CONTINUOUS GUARD WHILE WITHIN THE RANGE.
3. VESSELS INBOUND AND OUTBOUND FOR SOUTHERN CALIFORNIA PORTS WILL CREATE THE LEAST INTERFERENCE TO FIRING OPERATIONS DURING THE SPECIFIC PERIODS, AS WELL AS ENHANCE THE VESSEL'S SAFETY WHEN PASSING THROUGH THE VICINITY OF THE SEA RANGE. IF THEY WILL TRANSIT VIA THE SANTA BARBARA CHANNEL AND WITHIN NINE MILES OFFSHORE VICINITY OF POINT MUGU OR CROSS THE AREA SOUTHWEST OF SAN NICOLAS ISLAND BETWEEN SUNSET AND SUNRISE.
4. CANCEL NAVAREA XII 144/04.

(291020Z APR 2004)

SECTION III

HYDROPACS

Messages in force 291200Z April 2004:

| | | | | | |
|-------------|-------------|------------|------------|------------|------------|
| 2001 series | 1700(62) | 530(61) | 622(GEN) | 712(93) | 748(94,95) |
| 1976(62) | 1911(62) | 534(29) | 624(82) | 714(63) | 749(71) |
| 2002 series | 1982(GEN) | 537(76) | 650(74) | 716(63) | 750(94,95) |
| 205(GEN) | 2004(73,74) | 552(76) | 655(71,93) | 721(63) | 752(GEN) |
| 206(GEN) | 2265(62) | 558(94,95) | 659(63) | 722(63) | 753(62) |
| 403(72,73) | 2275(22) | 559(94,95) | 660(22) | 723(63) | 754(62) |
| 2330(62) | 2004 series | 560(95) | 661(93) | 724(63) | 756(61) |
| 2003 series | 23(62) | 561(95) | 671(71,93) | 726(22) | 757(63) |
| 167(95) | 278(63) | 562(94,95) | 673(63) | 727(22) | 758(19) |
| 207(62) | 307(61) | 563(94,95) | 675(95) | 728(22) | 759(63) |
| 495(62) | 308(61) | 564(71) | 677(63) | 729(22) | 761(63) |
| 496(62) | 329(71) | 572(83) | 679(76) | 730(22) | 762(63) |
| 506(62) | 331(GEN) | 573(74) | 680(62) | 732(GEN) | 763(62) |
| 638(62) | 352(63) | 583(61,63) | 682(76) | 733(63) | 764(81,92) |
| 760(63) | 402(62) | 587(63,71) | 691(81,97) | 734(19) | 765(95) |
| 761(63) | 403(62) | 592(61) | 693(63) | 736(62) | 766(81) |
| 993(62) | 426(74) | 593(61) | 694(62) | 738(76) | 767(81) |
| 998(71) | 453(61) | 600(62) | 697(63) | 739(81) | 768(91,93) |
| 1041(71) | 455(73) | 604(76) | 700(63) | 740(74) | 769(61) |
| 1198(92) | 460(94) | 610(19,81) | 701(94,97) | 741(63) | 770(22,83) |
| 1330(62) | 464(63) | 614(63) | 707(62) | 744(GEN) | |
| 1395(62) | 465(63) | 617(63) | 710(63) | 746(94,95) | |
| 1699(63) | 527(71,93) | 620(63) | 711(81) | 747(94,95) | |

The summary of all HYDROPACS in force as of 11 December 2003 is given in Section III of NM 52/03.
Warnings issued during the subsequent quarter are issued in NM 13/04.

HYDROPAC WARNINGS issued from 221200Z to 291200Z April 2004.

712/04(93). EAST CHINA SEA.

1. CABLE LAYING OPERATIONS IN PROGRESS UNTIL 25 MAY BY
CABLESHIP HEIMDAL ALONG TRACKLINE BETWEEN:
A.25-43.3N 122-20.0E AND 25-39.9N 122-21.0E.
B.25-31.1N 121-27.5E AND 25-34.1N 121-32.5E.
2. CANCEL THIS MSG 26 MAY.

(221235Z APR 2004)

713/04. CANCELED.

714/04(63). INDIA-EAST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 05 JUN
BY C-EXPLORER TOWING 6000 METER LONG
CABLE IN AREA BOUND BY
18-12.4N 084-20.0E, 19-03.6N 085-33.5E,
18-37.8N 086-37.7E, 17-23.2N 086-36.2E,
16-28.5N 085-04.9E, 16-28.2N 084-23.8E.
2. CANCEL THIS MSG 06 JUN.

(221740Z APR 2004)

715/04. CANCELED.

716/04(63). INDIA-WEST COAST.

1. SEISMIC SURVEY 23 APR THRU 20 MAY
BY M/V TEKNIK PERDANA TOWING 1500
METER LONG CABLE IN AREA BOUND BY
20-38.4N 067-02.9E, 20-41.0N 067-00.9E,
20-42.9N 067-03.8E, 20-40.2N 067-05.7E.
WIDE BERTH REQUESTED.
2. CANCEL HYDROPAC 635/04.
3. CANCEL THIS MSG 21 MAY.

(221810Z APR 2004)

717/04 thru 720/04. CANCELED.

721/04(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0330Z TO 1530Z DAILY
27 AND 30 APR IN AREA BOUND BY
09-57.6N 075-59.5E, 09-57.7N 076-14.2E,
09-40.0N 076-14.5E, 09-42.5N 076-09.5E.
2. CANCEL THIS MSG 301630Z APR.

(231215Z APR 2004)

722/04(63). INDIA-WEST COAST. ROCKETS.

1. HAZARDOUS OPERATIONS 1330Z TO 1700Z
DAILY 28 AND 29 APR WITHIN 75 MILES
OF 08-31.9N 076-52.1E.
2. CANCEL THIS MSG 291800Z APR.

(231220Z APR 2004)

723/04(63). INDIA-EAST COAST. ROCKETS.

1. HAZARDOUS OPERATIONS 0930Z TO 1200Z
DAILY 28 APR THRU 12 MAY WITHIN
45 MILES OF 13-41.7N 080-14.0E.
2. CANCEL THIS MSG 121300Z MAY.

(231230Z APR 2004)

724/04(63). INDIA-EAST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 22 MAY
BY M/V CGG AMADEUS TOWING EIGHT
5000 METER LONG CABLES IN AREA BOUND BY
16-12.5N 082-06.0E, 16-01.0N 082-03.0E,
16-13.5N 082-22.0E, 16-25.0N 082-15.0E.
3.5 MILE BERTH REQUESTED.
2. CANCEL THIS MSG 23 MAY.

(231245Z APR 2004)

725/04. CANCELED.

726/04(22). PERU.

- CHART 22012 (31ST ED).
1. BOCA DEL RIO LIGHT 18-09.2S 070-40.1W UNLIT.
 2. CANCEL HYDROPAC 387/04.

(231911Z APR 2004)

727/04(22). PERU.

- CHART 22012 (31ST ED).
- LA CONCORDIA LIGHT 18-20.8S 070-22.5W UNLIT.

(231935Z APR 2004)

728/04(22). SOUTH PACIFIC. PERU.

- TEN METER F/V MARACAIBO, BLUE HULL, FIVE PERSONS
ON BOARD, UNREPORTED. LAST KNOW POSITION 07-05S 082-46W.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO ANY COASTAL RADIO STATION.

(231955Z APR 2004)

729/04(22). SOUTH PACIFIC. PERU.

- EIGHT METER F/V ROSALINDA, WHITE AND BLUE HULL,
FOUR PERSONS ON BOARD, DISABLED ANDADRIFT
VICINITY 04-35S 081-37W. VESSELS IN VICINITY
REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF
POSSIBLE. REPORTS TO ANY COASTAL RADIO STATION.

(232015Z APR 2004)

730/04(22). SOUTH PACIFIC. PERU.

- F/V EDWIN YESERIA, THREE PERSONS ON BOARD, IN
NEED OF ASSISTANCE VICINITY 17-54.9S 072-06.3W.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP
LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO
ANY COASTAL RADIO STATION.

(232040Z APR 2004)

731/04. CANCELED.

732/04(GEN). AUSTRALIA TO NEW CALLEDONIA.

1. 11.5 METER S/V EXOCET GRAND DUC, BLUE HULL, TWO PERSONS
ON BOARD, REPORTED OVERDUE SYDNEY TO NOUMEA. VESSELS IN
VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF
POSSIBLE. REPORTS TO RCC AUSTRALIA, TELEX: 7162025,
PHONE: 612 6230 6811, FAX: 612 6230 6868.
2. CANCEL HYDROPAC 719/04(75), AID RESTORED.

(241000Z APR 2004)

SECTION III

NM 20/04

733/04(63). INDIA-WEST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 15 MAY BY
M/V RAMFORM VANGUARD TOWING TEN 6000 METER
LONG CABLES IN AREA BOUNDED BY
09-16N 075-47E, 09-16N 075-57E,
09-05N 076-14E, 08-56N 076-13E,
08-49N 076-08E, 09-04N 075-44E.
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 16 MAY.

(250810Z APR 2004)

734/04(19). NORTH PACIFIC. MISSILES.

1. HAZARDOUS OPERATIONS 1900Z TO 0700Z COMMENCING DAILY
30 APR THRU 04 MAY IN AREA BOUND BY
25-52N 179-00W, 26-35N 180-00W,
28-25N 178-15W, 28-00N 177-30W.
2. CANCEL THIS MSG 050800Z MAY.

(250950Z APR 2004)

735/04. CANCELED.

736/04(62). PERSIAN GULF.

1. SURVEY OPERATIONS IN PROGRESS UNTIL 19 MAY
BY CABLESHIP ETISLAT IN AREA BOUND BY
25-11N 051-37E, 25-40N 052-24E,
25-08N 052-52E. ONE MILE BERTH REQUESTED.
2. CANCEL HYDROFAC 735/04(74), VESSEL LOCATED.
3. CANCEL THIS MSG 20 MAY.

(251556Z APR 2004)

737/04. CANCELED.

738/04(76). NEW ZEALAND. NORTH ISLAND-WEST COAST.

1. SEISMIC SURVEY 27 APR THRU 27 MAY BY M/V POLAR DUKE
TOWING 6000 METER LONG CABLE IN AREA BETWEEN
37-50S 38-44S AND 173-54E 174-39E.
WIDE BERTH REQUESTED.
2. CANCEL HYDROFAC 737/04.
3. CANCEL THIS MSG 28 MAY.

(260910Z APR 2004)

739/04(81). NORTH PACIFIC. MISSILES.

1. HAZARDOUS OPERATIONS 010330Z TO 010530Z MAY,
ALTERNATE 0330Z TO 0530Z DAILY
02 THRU 04 MAY IN AREA BOUND BY
12-20N 166-37E, 11-20N 167-53E,
11-51N 168-16E, 12-49N 167-02E.
2. CANCEL THIS MSG 040630Z MAY.

(260950Z APR 2004)

740/04(74). AUSTRALIA-NORTH COAST.

FIVE METER VESSEL, ONE PERSON ON BOARD, OVERDUE
PORT ROPER (14-45S 135-25E) TO YIWAPA CREEK
(14-42S 135-27E). VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO RCC AUSTRALIA, TELEX: 7162025,
PHONE: 612 6230 6811, FAX: 612 6230 6868.

(261110Z APR 2004)

741/04(63). INDIA-WEST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 30 APR BY
M/V RAMFORM CHALLENGER IN AREA BETWEEN
19-21N 19-32N AND 072-30E 071-57E.
FOUR MILE BERTH REQUESTED.
2. CANCEL THIS MSG 01 MAY.

(261120Z APR 2004)

742/04 and 743/04. CANCELED.

SECTION III

744/04(GEN).

1. HYDROPAC MESSAGES IN FORCE 271100Z APR 2004. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
- 2004 SERIES: 527(71,93), 530(61), 534(29), 537(76), 552(76), 558(94,95), 559(94,95), 560(95), 561(95), 562(94,95), 563(94,95), 564(71), 572(83), 573(74), 583(61,63), 587(63,71), 592(61), 593(61), 600(62), 604(76), 610(19,81), 614(63), 617(63), 620(63), 622(GEN), 624(82), 643(22), 650(74), 655(71,93), 659(63), 660(22), 661(93), 671(71,93), 673(63), 675(95), 677(63), 679(76), 680(62), 682(76), 691(81,97), 693(63), 694(62), 697(63), 700(63), 701(94,97), 707(62), 710(63), 711(81), 712(93), 714(63), 716(63), 720(95,96), 721(63), 722(63), 723(63), 724(63), 725(81), 726(22), 727(22), 728(22), 729(22), 730(22), 731(GEN), 732(GEN), 733(63), 734(19), 736(62), 738(76), 739(81), 740(74), 741(63), 742(62), 743(61).
2. THE SUMMARY OF ALL HYDROPAC MESSAGES IN FORCE AS OF 11 DEC 2003 IS GIVEN IN SEC III OF NM 52/03.
3. CANCEL HYDROPAC 302/04, 438/04, 485/04, 487/04, 493/04, 494/04, 495/04, 589/04, 629/04, 684/04, 690/04, 715/04.

(271120Z APR 2004)

745/04. CANCELED.

746/04(94,95). YELLOW SEA. ORDNANCE.

1. BOMBING EXERCISES 0001Z TO 1300Z DAILY 01, 03, 04, 06 THRU 08, 10 THRU 15, 17 THRU 22, 24, 25, 27 THRU 29 AND 26 THRU 31 MAY IN AREA BETWEEN 34-50N 35-15N AND 124-50E 125-42E.
2. CANCEL THIS MSG 311400Z MAY.

(271145Z APR 2004)

747/04(94,95). YELLOW SEA. ORDNANCE.

1. BOMBING EXERCISES 0001Z TO 1300Z DAILY 01, 03, 04, 06 THRU 08, 10 THRU 15, 17 THRU 22, 24, 25, 27 THRU 29 AND 26 THRU 31 MAY IN AREA BETWEEN 35-35N 36-00N AND 125-00E 125-30E.
2. CANCEL THIS MSG 311400Z MAY.

(271150Z APR 2004)

748/04(94,95). YELLOW SEA. ORDNANCE.

1. BOMBING EXERCISES 0001Z TO 1300Z DAILY 01, 03, 04, 06 THRU 08, 10 THRU 15, 17 THRU 22, 24, 25, 27 THRU 29 AND 26 THRU 31 MAY IN AREA BETWEEN 36-05N 36-35N AND 124-50E 125-42E.
2. CANCEL THIS MSG 311400Z MAY.

(271155Z APR 2004)

749/04(71). STRAIT OF MALACCA. GUNNERY.

1. GUNNERY EXERCISES 0001Z TO 1601Z DAILY 01, 03 THRU 08, 10 THRU 15, 17 THRU 22, 24 THRU 29 AND 31 MAY IN AREA BOUND BY 04-14N 100-17E, 04-33N 099-48E, 04-53N 100-06E.
2. CANCEL THIS MSG 311701Z MAY.

(271720Z APR 2004)

750/04(94,95). YELLOW SEA. ORDNANCE.

1. BOMBING EXERCISES 0001Z TO 1300Z DAILY 01, 03, 04, 06 THRU 08, 10 THRU 15, 17 THRU 22, 24, 25, 27 THRU 29 AND 31 MAY IN AREA BOUND 36-35N 125-36E, 36-35N 124-50E, 37-06N 124-50E, 37-10N 125-36E.
2. CANCEL THIS MSG 311400Z MAY.

(271745Z APR 2004)

751/04. CANCELED.

752/04(GEN). NORTH PACIFIC. SOUTH KOREA.

1. LORAN-C STATION POHANG, RATES 9930-MASTER AND 8930-Z, OFF AIR 0001Z TO 0900Z DAILY 28 THRU 30 APR.
2. CANCEL HYDROPAC 731/04.
3. CANCEL THIS MSG 301000Z APR.

(271819Z APR 2004)

SECTION III

NM 20/04

753/04(62). PERSIAN GULF.

CHART 62550 (3RD ED).

1. NAVIGATION PROHIBITED UNTIL FURTHER NOTICE
IN AREA BETWEEN
26-28.50N 26-27.25N AND 052-01.60E 052-04.50E.
2. CANCEL HYDROPAC 742/04.

(271859Z APR 2004)

754/04(62). PERSIAN GULF.

1. AS WIDELY REPORTED IN THE INTERNATIONAL PRESS, IRAQ'S KHAWR AL AMAYA AND AL BASRAH OFFSHORE OIL TERMINALS WERE ATTACKED ON 24 APRIL 2004 BY TERRORISTS EMPLOYING THREE SMALL BOATS AND EXPLOSIVES. THE LAYERED DEFENSE OF COALITION AND IRAQI SECURITY FORCES PREVENTED THE ATTACKERS FROM ACHIEVING THEIR MISSION. NEITHER TERMINAL SUSTAINED DAMAGE AND BOTH HAVE RESUMED NORMAL LOADING OPERATIONS.
2. THE COALITION MARITIME FORCES ARE COMMITTED TO THE SECURITY OF IRAQ'S OFFSHORE OIL TERMINALS AND THE SAFETY OF COMMERCIAL VESSELS. COALITION MARITIME FORCES SUCCESSFULLY INTERCEPTED THE TERRORISTS WHO ATTACKED THE KHAWR AL AMAYA TERMINAL. THE AL BASRA SECURITY TEAMS PROTECTED THEIR TERMINAL BY ENGAGING THE SMALL BOATS WITH LETHAL FIRES. COALITION FORCES WILL CONTINUE TO TAKE ALL STEPS NECESSARY TO PROVIDE ROBUST SECURITY FOR IRAQI RESOURCES, ENSURING IRAQ'S NATIONAL RESOURCES ARE PRESERVED FOR THE BENEFIT OF ALL THE IRAQI PEOPLE.
3. THIS ACT OF TERROR COULD HAVE CREATED AN ENVIRONMENTAL DISASTER FOR ALL COUNTRIES BORDERING THE ARABIAN GULF. IF YOU HAVE ANY INFORMATION ON TERRORIST PLANS OR ACTIVITIES, PLEASE CONTACT THE NEAREST COALITION AUTHORITY OR MARLO BAHRAIN, PHONE: 973 1774 3925 OR EMAIL MARLO@BATELCO.COM.BH.

(271920Z APR 2004)

755/04. CANCELED.

756/04(61). INDIAN OCEAN. GUNNERY.

1. GUNNERY EXERCISES 0900Z TO 1200Z DAILY
29 AND 30 APR IN AREA BETWEEN
20-55S 21-05S AND 055-00E 055-10E.
2. CANCEL THIS MSG 301300Z APR.

(280610Z APR 2004)

757/04(63). INDIA-SOUTH COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 20 MAY BY M/V MEZEN TOWING 6000 METER LONG CABLE IN AREA BOUND BY
07-15N 077-00E, 04-44N 077-00E,
06-13N 078-00E, 07-50N 078-00E.
FOUR MILE BERTH REQUESTED.
2. CANCEL THIS MSG 21 MAY.

(280620Z APR 2004)

758/04(19). NORTH PACIFIC.

1. DISTRESS SIGNAL RECEIVED ON 243 MHZ IN 39-05N 176-53E AT 280510Z APR. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO RCC HONOLULU, TELEX: 392401, PHONE: 808 541 2500, FAX: 808 541 2123.
2. CANCEL HYDROPAC 755/04(61), VESSEL ASSISTED.

(280710Z APR 2004)

759/04(63). INDIA-EAST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 300200Z TO 300600Z APR IN AREA BOUND BY
17-28N 083-43E, 17-43N 083-56E,
17-28N 084-16E, 17-12N 084-03E.
2. CANCEL HYDROPAC 743/04(61), ASSISTANCE RECEIVED.
3. CANCEL THIS MSG 300700Z APR.

(280910Z APR 2004)

760/04. CANCELED.

SECTION III

761/04(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0230Z TO 1230Z DAILY
01 THRU 07 MAY IN AREA BETWEEN
15-13N 15-11N AND 073-57E 073-52E.
2. CANCEL THIS MSG 071330Z MAY.

(281750Z APR 2004)

762/04(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0230Z TO 1130Z DAILY
01 THRU 07 MAY IN AREA BETWEEN
14-11.0N 13-51.0N AND 074-27.8E 074-04.5E.
2. CANCEL THIS MSG 071230Z MAY.

(281800Z APR 2004)

763/04(62). PERSIAN GULF.

UNDERWATER OPERATIONS 29 APR UNTIL FURTHER NOTICE
BY M/V KANG SHENG KOU WITH SUBMERSIBLE VICINITY
24-44N 054-08E. WIDE BERTH REQUESTED.

(281845Z APR 2004)

764/04(81,92). PHILIPPINE SEA.

DISTRESS SIGNAL RECEIVED ON 406 MHZ IN 07-04.9N 131-20.7E
AT 281441Z APR. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO U.S. COAST GUARD GUAM.

(282053Z APR 2004)

765/04(95). SEA OF JAPAN. ORDNANCE.

1. BOMBING EXERCISES 0001Z TO 1300Z DAILY
01, 03, 04, 06 THRU 08, 10 THRU 15,
17 THRU 22, 24, 25, 27 THRU 29
AND 31 MAY IN AREA BOUND BY
38-08N 129-51E, 38-08N 130-10E,
37-39N 130-10E, 37-42N 129-51E.
2. CANCEL THIS MSG 311400Z MAY.

(290105Z APR 2004)

766/04(81). NORTH PACIFIC.

DISTRESS SIGNAL RECEIVED ON 243 MHZ IN 15-02.8N 157-03.1E
AT 290216Z APR. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO U.S. COAST GUARD GUAM.

(290606Z APR 2004)

767/04(81). NORTH PACIFIC.

DISTRESS SIGNAL RECEIVED ON 243 MHZ IN 12-29.6N 150-21.5E
AT 290218Z APR. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO U.S. COAST GUARD GUAM.

(290610Z APR 2004)

768/04(91,93). SOUTH CHINA SEA.

DISTRESS SIGNAL RECEIVED ON 121 AND 243 MHZ IN 18-44.7N 118-56.5E
AT 290133Z APR. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO MRCC HONG KONG, TELEX: 80282952.

(290620Z APR 2004)

769/04(61). INDIAN OCEAN. ORDNANCE.

1. UNDERWATER ORDNANCE DETONATIONS 010001Z TO 312359Z MAY
IN AREA BETWEEN 09-00S 13-00S AND 070-00E 073-00E.
2. CANCEL HYDROFAC 643/04(22).
3. CANCEL THIS MSG 010059Z JUN.

(290810Z APR 2004)

770/04(22,83). EASTERN PACIFIC. ROCKETS.

1. HAZARDOUS OPERATIONS 041222Z TO 041452Z MAY
IN AREAS BETWEEN:
A. 00-10N 00-10S AND 153-20W 154-20W.
B. 00-12N 00-12S AND 146-30W 147-50W.
C. 00-18N 00-18S AND 144-20W 146-10W.
D. 00-24N 00-24S AND 113-50W 116-50W.
2. CANCEL THIS MSG 041552Z MAY.

(291015Z APR 2004)

SECTION III

NM 20/04

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 Information website (http://164.214.12.145/warn/warn_j_query.html), by referring to Section I (paragraph 50) of US Notice to Mariners 1/04 for those in-force as of 18 December 2003, or by contacting the Maritime Administration Office of Ship Operations, Code MAR-613, Room 2123, 400 Seventh Street S.W., Washington DC 20590, Telephone (202) 366-5735, FAX (202) 366-3954, TLX II 710-822-9426 (MARAD DOT WSH).

MARAD ADVISORIES in force 29 April 2004: 00-7, 01-7, 02-2, 02-5, 02-7 and 03-4.

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 Information website (http://164.214.12.145/warn/warn_j_query.html) or by referring to Section I (paragraph 7) of US Notice to Mariners 1/04 for those in-force as of 18 December 2003.

SPECIAL WARNINGS in force 29 April 2004: 1, 29, 77, 81, 82, 89, 92, 95, 107, 108, 111, 113, 114, 115, 116, 117, 118, 119, 120 and 121.

MARINE INFORMATION

NOAA CHART NEW EDITIONS AND THEIR AVAILABILITY

NOAA recognizes two paper nautical chart products:

- the Charts-on-Demand Chart distributed by OceanGrafix (www.OceanGrafix.com), and
- the traditional NOAA/NOS paper chart distributed by the Federal Aviation Administration and the National Geospatial-Intelligence Agency (NGA).

The Charts-on-Demand Chart is available the day after NOAA clears a New Edition for release. The traditional chart is available two to eight weeks later. Each is official, should be put into service immediately, and meets Federal chart carriage requirements immediately upon its release. For questions contact NOAA at help@nauticalcharts.gov or call 301-713-1773 x105. Dates of Latest Edition for both charts are listed at <http://nauticalcharts.noaa.gov>.

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

| | | | |
|-------|---|--------|---|
| 11475 | 17 th Ed. Apr 2004 NEW EDITION FL-FORT PIERCE HARBOR (New edition due to various general changes.) | NAD 83 | (NOS Silver Spring, MD) 1:10,000 |
| 13326 | 13 th Ed. Apr 2004 NEW EDITION MA-MACHIAS BAY TO TIBBETT NARROWS (New edition due to numerous Notice to Mariner changes and change in format.) | NAD 83 | (NOS Silver Spring, MD) 1:40,000 |
| 16082 | 7 th Ed. Apr 2004 NEW EDITION AK-ARCTIC COAST-PT BARROW AND VICINITY (New edition due to change in format.) | NAD 83 | (NOS Silver Spring, MD) 1:47,943 |
| 16305 | 10 th Ed. Mar 2004 NEW EDITION AK-WEST COAST-BRISTOL BAY-CAPE NEWENHAM AND HAGEMEISTER STRAIT (New edition due to change in format.) | NAD 83 | (NOS Silver Spring, MD) 1:100,000/LORAN-C |
| 16486 | 7 th Ed. Apr 2004 NEW EDITION AK-ALEUTIAN ISLANDS-ATKA ISLAND-WESTERN PART (New edition due to change in format.) | NAD 83 | (NOS Silver Spring, MD) 1:40,000 |
| 17375 | 21 st Ed. Mar 2004 NEW EDITION AK-SOUTHEAST COAST-WRANGELL NARROWS INSET:Petersburg (New edition due to change in format.) | NAD 83 | (NOS Silver Spring, MD) 1:20,000 1:10,000 |
| 18553 | 7 th Ed. Apr 2004 NEW EDITION WA-FRANKLIN D ROOSEVELT LAKE-NORTHERN PART (New edition due to numerous Notice to Mariner changes and change in format.) | NAD 83 | (NOS Silver Spring, MD) 1:50,000 |
| 25650 | 34 th Ed. Mar 2004 NEW EDITION WEST INDIES-VIRGIN PASSAGE AND SONDA DE VIEQUES (New edition due to changes in hydrography and numerous Notice to Mariner changes.) | NAD 83 | (NOS Silver Spring, MD) 1:100,000 |

MERCHANT MARINE PERSONNEL ADVISORY COMMITTEE MEETINGS

The Merchant Marine Personnel Advisory Committee (MERPAC) and its working groups will meet to discuss various issues relating to the training and fitness of merchant marine personnel. MERPAC advises the Secretary of Homeland Security on matters relating to the training, qualifications, licensing, and certification of seamen serving in the U.S. merchant marine. All meetings will be open to the public.

MERPAC will meet on Wednesday, June 2, 2004, from 8 a.m. to 4 p.m. and on Thursday, June 3, 2004, from 8 a.m. to 4 p.m. These meetings may adjourn early if all business is finished. Requests to make oral presentations, submittals of written material or requests to have a copy of your material distributed to each member of the committee or subcommittee should reach the Coast Guard on or before May 19, 2004.

SECTION III

MERPAC will meet on both days in Room 2415 of the Coast Guard Headquarters Building, 2100 Second St., SW, Washington, DC 20593. Further directions regarding the location of Coast Guard Headquarters may be obtained by contacting Mr. Mark Gould at (202) 267-6890. Send written material and requests to make oral presentations to CDR Brian J. Peter, Commandant (G-MSO-1), US Coast Guard Headquarters, 2100 Second Street SW, Washington, DC 20593-0001.

This notice is available on the Internet at <http://dms.dot.gov/search/searchFormSimple.cfm> by entering docket number 17495.

For questions on this notice, on the meeting agenda, for information on facilities or services for individuals with disabilities, or to request special assistance at the meetings, contact CDR Brian J. Peter, Executive Director of MERPAC, or Mr. Mark C. Gould, Assistant to the Executive Director at the telephone number above, by fax at (202) 267-4570, or by e-mail mgould@comdt.uscg.mil.

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 44 (Worldwide Navigational Warnings 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 our 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

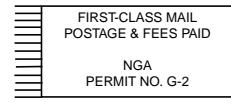
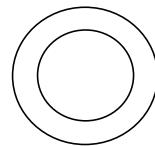
Details of Information Reported (continue on additional sheets as necessary) _____

www.nature.com/scientificreports/

User Feedback (continue on additional sheets as necessary)



**MARITIME SAFETY INFORMATION DIVISION
ST D44
NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY
4600 SANGAMORE ROAD
BETHESDA MD 20816-5003**



ARCTIC MARITIME SAFETY INFORMATION REPORT SHEET

Observer _____

Ship/Organization _____

Phone _____ Email Address_____

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

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

Date of Insertion _____ Date of Removal _____

If observed, Date _____ Time (Local) _____

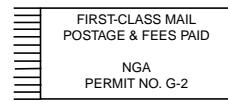
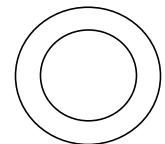
Latitude _____ Longitude _____ Datum _____

Navigation System _____ Verified by Navigator: Yes _____ No _____

Sounding sensor or method used _____

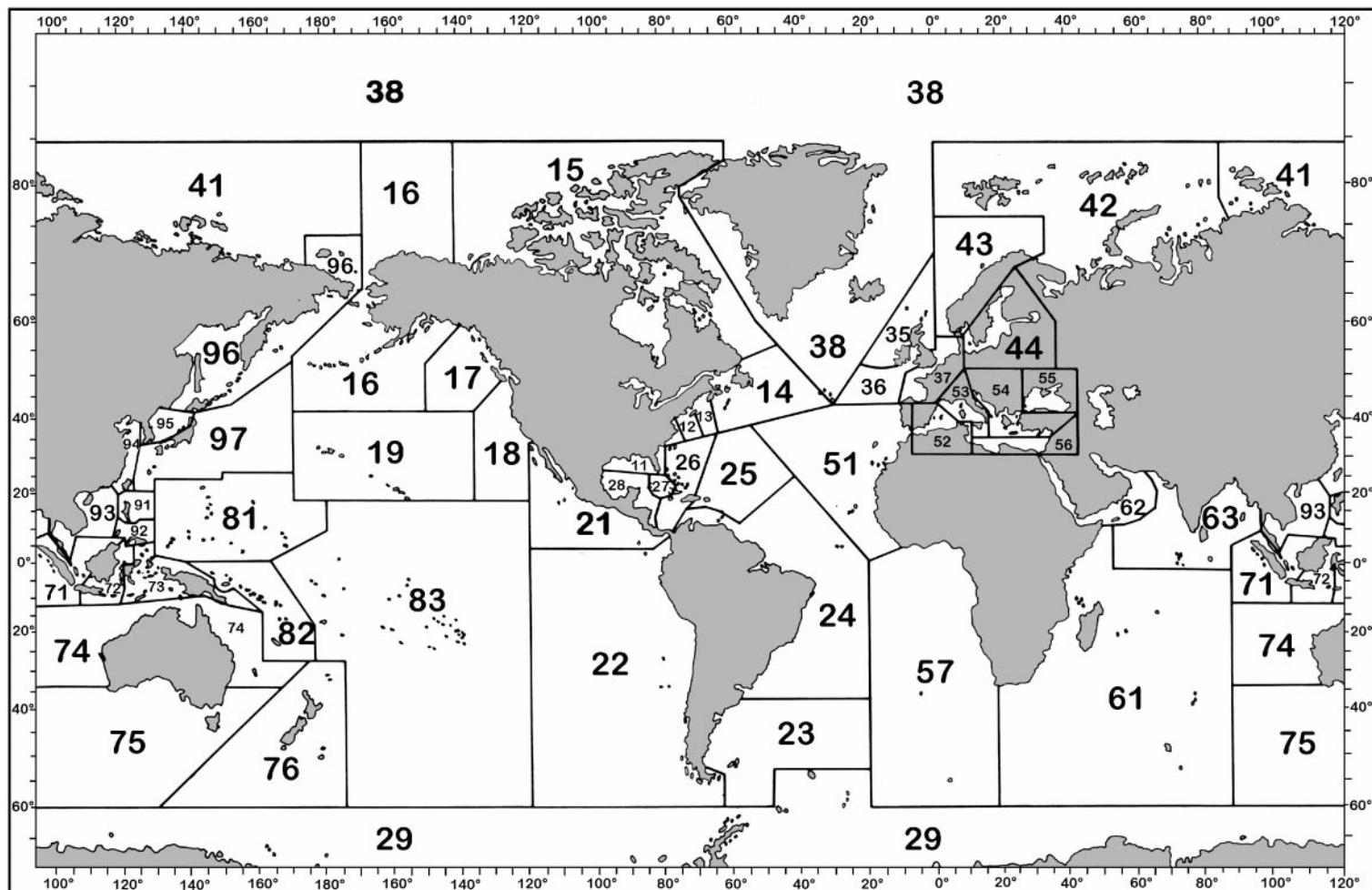
Sounding(s) corrected for draft: Yes _____ No _____

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



**MARITIME SAFETY INFORMATION DIVISION
ST D44
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BETHESDA MD 20816-5003**

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 Catalog of Maps, Charts, and Related Products, Part 2-Hydrographic Products, Volume 1. 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.

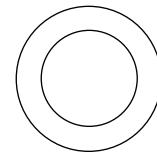
AFTER 5 DAYS RETURN TO

DEFENSE SUPPLY CENTER RICHMOND

ATTN: JNAH
8000 JEFFERSON DAVIS HIGHWAY
RICHMOND, VIRGINIA 23297-5338

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NOTICE TO
MARINERS

PLEASE EXPEDITE DELIVERY