



No. 19

8 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](mailto:NavNotices@nga.mil), for information affecting Sailing Directions and all other navigational publications use [SDPUBS@nga.mil](mailto:SDPUBS@nga.mil), for information concerning the Maritime Safety Information Website, use [webmaster\\_nss@nga.mil](mailto: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>
Paul McElveen	M/V FREEWINDS

**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 19/04**

# HYDROGRAM

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

SPECIAL  
ANNOUNCEMENTS  
\_\_\_\_\_  
NEW PRODUCTS  
OR SERVICES  
\_\_\_\_\_  
IMPORTANT  
CHANGES

**8 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.

## **UNITED STATES COAST GUARD NAVIGATION INFORMATION SERVICE**

THE UNITED STATES COAST GUARD NAVIGATION INFORMATION SERVICE (NIS), OPERATED BY THE USCG NAVIGATION CENTER, PROVIDES INFORMATION FOR ALL RADIONAVIGATION SYSTEMS. SEE SECTION III.

## **NGA SAILING DIRECTIONS NOW AVAILABLE ON THE WWW**

NGA SAILING DIRECTIONS (BOTH ENROUTES AND PLANNING GUIDES) ARE NOW AVAILABLE VIA THE MARITIME SAFETY INFORMATION WEBSITE. 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**

<b>108</b> (INT 403) 9Ed. 1/8/94 LAST NM 39/03 Add Wreck [K29] "Rep (2004)" (NTM0001/2004)	19/04 25°54'N 79°55'W	<b>★11353</b> 3Ed. 11/03 LAST NM 14/04 <b>(Extension)</b> Change Legend to "14 FT CENTERLINE JAN 2004" (NOS) 29°16'12"N 89°21'02"W	19/04
<b>400</b> (INT 400) 3Ed. 12/25/93 LAST NM 6/04 Add Wreck [K29] "Rep (2004)" (NTM0001/2004)	19/04 25°54'N 79°55'W	<b>★11356</b> 35Ed. 7/03 LAST NM 14/04 Add Platform [L10] (14/04 CG8)	19/04 28°51'23"N 91°01'32"W
<b>401</b> (INT 401) 5Ed. 6/15/91 LAST NM 6/04 Add Wreck [K29] "Rep (2004)" (NTM0001/2004)	19/04 25°54'N 79°55'W	<b>11358</b> 52Ed. 6/03 LAST NM 14/04 Change Designation of platform "LOOP GI-59" to "LOOP 100-5" (NOS)	19/04 28°53'06"N 90°01'30"W
<b>411</b> 49Ed. 3/03 LAST NM 16/04 Add Wreck [K29] "Rep (2004)" (NTM0001/2004)	19/04 25°54.6'N 79°55.5'W	<b>★11359</b> 11Ed. 3/2/02 LAST NM 50/03 Change Designation of platform "LOOP GI-59" to "LOOP 100-5" (NOS)	19/04 28°53'06"N 90°01'30"W
<b>501</b> (INT 801) 12Ed. 11/02 LAST NM 11/04 Delete Buoy (NTM0002/2004)	19/04 32°38'N 117°27'W	<b>11361</b> 71Ed. 12/03 LAST NM 17/04 Change Legend to "14 FT CENTERLINE JAN 2004" (NOS)	19/04 29°15'55"N 89°21'54"W
<b>530</b> 30Ed. 3/23/02 LAST NM 11/04 Delete Buoy (NTM0002/2004)	19/04 32°38'N 117°27'W	<b>11366</b> 8Ed. 10/03 LAST NM 15/04 Change Designation of platform "LOOP-GI 59" to "LOOP 100-5" (NOS)	19/04 28°53.1'N 90°01.5'W
<b>1116A</b> Ed. 6/03 LAST NM 17/04 Substitute Platform [L10] for submerged well (See 37/03-1116A) (14/04 CG8)	19/04 29°04.4'N 92°35.5'W	<b>★11376</b> 49Ed. 9/03 LAST NM 17/04 Substitute Beacon "9" G, Ra ref for light (14/04 CG8)	19/04 30°30'10"N 88°03'36"W
<b>11013</b> 45Ed. 7/03 LAST NM 16/04 Add Wreck [K29] "Rep (2004)" (NTM0001/2004)	19/04 25°54.6'N 79°55.5'W	<b>★11390</b> 23Ed. 2/04 NEW EDITION <b>(Side A)</b> Delete Range lights (4), range line and legends "B" and "C" between 28°38'35"N 96°34'10"W 28°39'13"N 96°33'42"W  (Inset) Delete Range lights (4) and range line between 28°38'33.9"N 96°34'10.1"W 28°39'11.9"N 96°33'42.4"W Note: Legend "26 FT 1992" remains  Legend "RANGE "B"" 28°38'29.3"N 96°34'14.7"W Legend "RANGE "C"" 28°39'15.3"N 96°33'40.2"W (14/04 CG8)	19/04
<b>★11317</b> 30Ed. 11/03 LAST NM 12/04 Delete Range lights (4), range line and legends "B" and "C" between 28°38'35"N 96°34'10"W 28°39'13"N 96°33'42"W  Delete Range lights (4) and range line between 28°38'33.9"N 96°34'10.1"W 28°39'11.9"N 96°33'42.4"W Note: Legend "26 FT 1992" remains  Legend "RANGE "B"" 28°38'29.3"N 96°34'14.7"W Legend "RANGE "C"" 28°39'15.3"N 96°33'40.2"W (14/04 CG8)	19/04	 Relocate Buoy "13" from 30°08'11.2"N 85°42'29.9"W to 30°08'12.1"N 85°42'28.2"W  Buoy "14" from 30°08'06.8"N 85°42'26.1"W to 30°08'08.6"N 85°42'25.1"W  Buoy "15" from 30°08'36.8"N 85°41'16.2"W to 30°08'38.1"N 85°41'05.0"W and change designation to "15A"  Buoy "5" from 30°09'14.4"N 85°41'53.7"W to 30°09'16.3"N 85°41'52.3"W  Buoy "6" from 30°09'35.8"N 85°42'27.7"W to 30°09'29.5"N 85°42'20.6"W (Previously published 14/04)	19/04
<b>11323</b> 60Ed. 9/03 LAST NM 17/04 Change Legend to "33 FT JAN 2004" (See 1/04-11323) (NOS)	19/04 29°20'55"N 94°43'41"W	Change Designation of buoy "13" to "11" 30°09'57.9"N 85°43'14.9"W (Previously published 14/04)	19/04
<b>★11324</b> 33Ed. 9/03 LAST NM 17/04 Change Legend to "35 FT NOV 2003" 29°21'45.8"N 94°54'18.0"W Legend to "33 FT JAN 2004" 29°21'00.0"N 94°43'43.0"W (See 1/04-11324) (NOS)	19/04	Add Buoy "15" G, Fl G 2.5s 30°08'20.0"N 85°42'02.9"W Buoy "16" R, Fl R 2.5s 30°08'16.3"N 85°42'01.5"W Buoy "10" R, Fl R 4s 30°10'09.9"N 85°43'00.7"W Buoy "13" G, Fl G 2.5s 30°10'19.8"N 85°43'29.1"W (Previously published 14/04)	19/04
<b>11326</b> 32Ed. 11/03 LAST NM 17/04 <b>(Page A)</b> Change Legend to "36 FT FEB 2004" 29°36'29"N 95°01'40"W (See 15/04-11326)	19/04	Delete (Side A) Light "3" 30°09'02.1"N 85°41'29.6"W (Previously published 16/04)	19/04
<b>(Page C)</b> Change Legend to "PRIV INDUSTRIAL CANAL 35 FT NOV 2003" 29°21'55"N 94°54'22"W Legend to "33 FT JAN 2004" 29°21'03"N 94°43'50"W (NOS)	19/04	Relocate Buoy "11" from 30°07'53.3"N 85°42'57.2"W to 30°07'57.1"N 85°42'50.8"W  Buoy "12" from 30°07'50.9"N 85°42'51.8"W to 30°07'53.9"N 85°42'48.0"W (Previously published 16/04)	19/04
<b>★11327</b> 31Ed. 8/03 LAST NM 17/04 Change Legend to "36 FT FEB 2004" 29°36'41"N 95°01'17"W (See 1/04-11327) (NOS)	19/04	Add Buoy "3" G, QG 30°09'03.5"N 85°41'16.5"W Buoy "8" R, Fl R 4s 30°09'40.4"N 85°42'36.3"W (Previously published 16/04)	19/04
<b>★11340</b> 68Ed. 6/03 LAST NM 17/04 Substitute Platform [L10] for submerged well (See 37/03-11340) (14/04 CG8)	19/04 29°04.4'N 92°35.5'W	(continued on next page)	

<b>11390</b>	(Continued) <b>(Side A)</b>			
Relocate	Buoy "1" from 30°06'51.2"N 85°44'31.9"W to 30°06'36.3"N 85°44'53.5"W			
	Buoy "2" from 30°06'45.9"N 85°44'27.3"W to 30°06'31.6"N 85°44'49.3"W			
	Buoy "9" from 30°09'49.1"N 85°42'50.9"W to 30°09'50.2"N 85°42'49.6"W			
(NOS)	(Previously published 17/04)			
<b>11460</b>	39Ed. 12/03 LAST NM 15/04	19/04		
Add	Wreck [K29] "Rep (2004)" (NTM0001/2004)	25°54.6'N 79°55.5'W		
<b>★11469</b>	5Ed. 5/19/01 LAST NM 40/03	19/04		
Add	Wreck [K29] "Rep (2004)" (NTM0001/2004)	25°54'34"N 79°55'33"W		
<b>11479</b>	4Ed. 9/27/97 LAST NM N52/03	N19/04		
Add	Wreck [K29] "Rep (2004)" (NTM0001/2004)	25°54.6'N 79°55.5'W		
<b>★11489</b>	35Ed. 2/04 NEW EDITION <b>(Side A)</b>	19/04		
Relocate	Light "249" from 31°08'21"N 81°25'14"W to 31°08'15"N 81°24'58"W			
(NOS)	(Previously published 16/04)			
<b>★11534</b>	33Ed. 3/04 NEW EDITION (NOS)	19/04		
<b>★11537</b>	35Ed. 2/04 LAST NM 18/04	19/04		
Relocate	Light "63" from 34°14'07"N 77°57'08"W to 34°14'07"N 77°57'06"W			
(11/04 CG5)				
<b>11541</b>	34Ed. 10/03 LAST NM 12/04 <b>(Side A)</b>	19/04		
Change	Light to Fl 2.5s 15ft 4M (10/04 CG5)	34°42'00"N 76°41'00"W		
<b>★11543</b>	22Ed. 7/7/01 LAST NM 1/04	19/04		
Relocate	Buoy "6" from 34°27'15"N 76°33'40"W to 34°27'17"N 76°33'41"W			
(10/04 CG5)				
<b>11544</b>	38Ed. 2/04 LAST NM 18/04	19/04		
Relocate	Buoy "6" from 34°27'14"N 76°33'44"W to 34°27'17"N 76°33'41"W			
(10/04 CG5)				
<b>11545</b>	61Ed. 2/04 LAST NM 16/04	19/04		
Change	Light to Fl 2.5s 15ft 4M (10/04 CG5)	34°42'00"N 76°41'00"W		
<b>★11547</b>	36Ed. 2/04 LAST NM 16/04	19/04		
Change	Light to Fl 2.5s 15ft 4M (10/04 CG5)	34°42'00.4"N 76°40'59.3"W		
<b>12206</b>	30Ed. 10/03 LAST NM 15/04 <b>(Side A)</b>	19/04		
Relocate	Light "8" from 36°47'27"N 76°18'12"W to 36°47'30"N 76°18'11"W			
	Light "22" from 36°46'34"N 76°17'48"W to 36°46'36"N 76°17'48"W			
(11/04 CG5)				
<b>12221</b>	75Ed. 9/03 LAST NM 11/04	19/04		
Relocate	Beacon from 37°14'00"N 76°18'42"W to 37°13'56"N 76°18'43"W			
(11/04 CG5)				
<b>★12238</b>	38Ed. 11/03 LAST NM 6/04	19/04		
Relocate	Beacon from 37°13'59"N 76°18'43"W to 37°13'56"N 76°18'43"W			
(11/04 CG5)				
<b>★12253</b>	43Ed. 6/03 LAST NM 15/04	19/04		
Relocate	Light "8" from 36°47'26.6"N 76°18'12.1"W to 36°47'29.8"N 76°18'11.4"W			
	Light "22" from 36°46'34.5"N 76°17'48.0"W to 36°46'35.7"N 76°17'48.2"W			
(11/04 CG5)				
<b>★12285</b>	36Ed. 1/04 NEW EDITION <b>(Page E)</b>	19/04		
Delete	Light "A"	38°47'35"N 77°02'05"W		
	Light "B"	38°47'35"N 77°01'56"W		
	Light "C"	38°47'35"N 77°01'46"W		
	Light "D"	38°47'35"N 77°01'38"W		
(NOS)	(Previously published 13/04)			
<b>★12314</b>	30Ed. 10/02 LAST NM 35/03	19/04		
Change	Range light, front to Oc 4s 45ft (Day), Oc G 4s 43ft (Night)	40°04'51.8"N 74°51'51.6"W		
	Range light, rear to F 49ft (Day), FG 47ft (Night)	40°04'50.3"N 74°51'52.5"W		
(10/04 CG5)				
<b>12316</b>	30Ed. 11/03 LAST NM 12/04 <b>(Side B)</b>	19/04		
Change	Range light, front to F 22ft (Day), Q 21ft (Night)	38°57'16"N 74°52'41"W		
(11/04 CG5)				
<b>★12317</b>	31Ed. 2/9/02 LAST NM 50/02	19/04		
Change	Range light, front to F 22ft (Day), Q 21ft (Night)	38°57'15.2"N 74°52'41.3"W		
(11/04 CG5)				
<b>★12324</b>	31Ed. 1/04 LAST NM 15/04 <b>(Side A)</b>	19/04		
Add	Tabulation of controlling depths from Subsection I-2			
(NOS)				
<b>★12338</b>	9Ed. 3/03 LAST NM 21/03	19/04		
Add	Tabulation of controlling depths from Subsection I-2			
(NOS)				
<b>★12371</b>	23Ed. 5/03 LAST NM 52/03	19/04		
Add	Tabulation of controlling depths from Subsection I-2			
(NOS)				
<b>13218</b>	38Ed. 3/10/01 LAST NM 52/03	19/04		
Add	Buoy "A" Y, Fl Y 4s (Priv)	41°36'30"N 70°45'54"W		
	Buoy "D" Y, Fl Y 2s (Priv)	41°36'24"N 70°45'48"W		
	Buoy "E" Y, Fl Y 2s (Priv)	41°36'24"N 70°45'46"W		
	Buoy "F" Y, Fl Y 4s (Priv)	41°36'29"N 70°45'48"W		
(9/04 CG1)				
<b>13221</b>	54Ed. 12/03 LAST NM 15/04	19/04		
Add	Buoy (mooring) [Q40]	41°47'27.3"N 71°22'39.3"W		
	Buoy (mooring) [Q40]	41°42'39.8"N 71°09'52.1"W		
	Buoy (mooring) [Q40]	41°42'40.6"N 71°09'52.1"W		
(9/04 CG1)				
<b>★13224</b>	36Ed. 12/1/01 LAST NM 15/04	19/04		
Add	Danger circle "Obstn" (PA) [K40]	41°43'39.0"N 71°17'12.0"W		
	Buoy (mooring) [Q40]	41°47'27.3"N 71°22'39.3"W		
(9/04 CG1)				
<b>★13225</b>	33Ed. 12/9/00 LAST NM 15/04	19/04		
Add	Buoy (mooring) [Q40]	41°47'27.3"N 71°22'39.3"W		
(9/04 CG1)				

## SECTION I

NM 19/04

<b>13226</b>	6Ed. 1/04 LAST NM 17/04 Add Buoy (mooring) [Q40] Buoy (mooring) [Q40] (9/04 CG1)	19/04 41°42'39.8"N 71°09'52.1"W 41°42'40.6"N 71°09'52.1"W	<b>★14883</b> 43Ed. 1/04 LAST NM 15/04 Add Position circle "Tr (Fl R Lt)" [E20] Position circle "Micro Tr (Fl R Lt)" [E20] (NOS)	19/04 46°23'38"N 84°03'35"W 46°23'35"N 84°04'18"W
<b>★13227</b>	13Ed. 8/26/00 LAST NM 49/03 Add Buoy (mooring) [Q40] Buoy (mooring) [Q40] (9/04 CG1)	19/04 41°42'39.8"N 71°09'52.1"W 41°42'40.6"N 71°09'52.1"W	<b>14916</b> 10Ed. 7/02 LAST NM 1/04 <b>(Page 33)</b> Change Legend to "17 1/2 FT JUN 2003" 44°29'32"N 88°01'32"W	19/04
<b>13229</b>	28Ed. 1/04 LAST NM 13/04 <b>(Page F)</b> Add Buoy "A" Y, Fl Y 4s (Priv) Buoy "D" Y, Fl Y 2s (Priv) Buoy "E" Y, Fl Y 2s (Priv) Buoy "F" Y, Fl Y 4s (Priv) (9/04 CG1)	19/04 41°36'30"N 70°45'54"W 41°36'24"N 70°45'48"W 41°36'24"N 70°45'46"W 41°36'29"N 70°45'48"W	Change <b>(Page 34)</b> Legend to "22 FT FOR MID-WIDTH OF 150 FT JUN 2003" (NOS)	19/04 44°32'37"N 88°00'09"W
<b>13230</b>	47Ed. 12/03 LAST NM 15/04 Add Buoy "A" Y, Fl Y 4s (Priv) Buoy "D" Y, Fl Y 2s (Priv) Buoy "E" Y, Fl Y 2s (Priv) Buoy "F" Y, Fl Y 4s (Priv) (9/04 CG1)	19/04 41°36'30"N 70°45'54"W 41°36'24"N 70°45'48"W 41°36'24"N 70°45'46"W 41°36'29"N 70°45'48"W	<b>★14918</b> 26Ed. 2/28/98 LAST NM 1/04 Change Note to "NOTE B"	19/04 A depth of 24 feet for a mid-width of 150 feet is available from the channel entrance to buoy 15. The Corps of Engineers should be consulted for changes to the above information. MAY-JUN 2003" 44°35'24"N 88°03'06"W
<b>★13232</b>	4Ed. 6/30/01 LAST NM 42/02 Add Buoy "A" Y, Fl Y 4s (Priv) Buoy "D" Y, Fl Y 2s (Priv) Buoy "E" Y, Fl Y 2s (Priv) Buoy "F" Y, Fl Y 4s (Priv) (9/04 CG1)	19/04 41°36'30.0"N 70°45'54.0"W 41°36'24.0"N 70°45'48.0"W 41°36'24.0"N 70°45'46.0"W 41°36'28.8"N 70°45'48.0"W		Legend to "17 1/2 FT JUN 2003" 44°29'33"N 88°01'30"W Legend to "22 FT FOR MID-WIDTH OF 150 FEET JUN 2003" 44°32'54"N 88°00'01"W Legend to "23 FT FOR MID-WIDTH OF 150 FT JUN 2003" 44°33'56"N 87°59'27"W Legend to "23 FT FOR MID-WIDTH OF 150 FT JUN 2003" 44°35'07"N 87°58'19"W Legend to "20 FT FOR 500 FT MAY-JUN 2003" 44°36'22"N 87°56'35"W Legend to "20 FT FOR 500 FT MAY-JUN 2003" 44°39'30"N 87°53'42"W
<b>14219</b>	Ed. 5/25/01 LAST NM N6/04 Change Period of light to 6s  <b>(Port de Pointe-au-Pic)</b> Change Period of light to 6s (2(1234)04 Ottawa)	N19/04 47°37'21.0"N 70°08'24.0"W  47°37'21.0"N 70°08'24.0"W (NOS)		
<b>★14319</b>	Ed. 7/4/03 NEW EDITION (NGA)	N19/04	<b>★14932</b> 23Ed. 4/03 LAST NM 5/04 Change Legend to "17 FT DEC 2003" 42°46'23.0"N 86°12'57.5"W (See 5/04-14932)	19/04 42°46'24.9"N 86°12'59.2"W
<b>14786</b>	13Ed. 9/8/01 LAST NM 49/03 <b>(Page O-1)</b> Substitute Depth 15 feet for 16 feet Change Legend to "23 FEET AUG 2002" 43°28'14"N 76°30'53"W Legend to "16 1/2 FEET AUG 2002" Legend to "16 1/2 FEET AUG 2002" Legend to "19 1/2 FEET AUG 2002" (NOS)	19/04 43°28'08"N 76°30'36"W 43°28'14"N 76°30'53"W 43°27'41"N 76°31'48"W 43°27'48"N 76°31'30"W 43°27'40"N 76°30'41"W	<b>★15444</b> Ed. 5/03 NEW EDITION (NGA)	N19/04
<b>★14813</b>	21Ed. 11/02 LAST NM 49/03 Substitute Depth 15 feet for 16 feet Change Legend to "23 FEET AUG 2002" 43°28'13"N 76°30'53"W Legend to "16 1/2 FEET AUG 2002 TURNING BASIN" 43°27'41"N 76°31'48"W Legend to "16 1/2 FEET AUG 2002" Legend to "19 1/2 FEET AUG 2002" Add Depth 24 feet Depth 2 feet (NOS)	19/04 43°28'08.4"N 76°30'36.2"W 43°28'13"N 76°30'53"W 43°27'41"N 76°31'48"W 43°27'47"N 76°31'34"W 43°27'41"N 76°30'41"W 43°28'27.5"N 76°31'01.8"W 43°27'59.1"N 76°31'09.1"W	<b>★17426</b> 13Ed. 7/11/92 LAST NM 20/03 Substitute Depth 1 1/4 fathoms for 7 3/4 fathoms Depth 2 1/2 fathoms for 4 1/4 fathoms Depth 9 fathoms Rk [K14.2] for 11 fathoms Depth 4 1/2 fathoms for 5 1/4 fathoms Add Depth 1/2 fathom (NOS)	19/04 55°25'05"N 132°28'09"W 55°24'51"N 132°28'50"W 55°24'33"N 132°28'55"W 55°24'09"N 132°28'48"W 55°22'34"N 132°30'24"W
<b>★14824</b>	26Ed. 10/03 LAST NM 5/04 <b>(Inset)</b> Change Legend to "22 FEET SEP 2003" 41°58'14"N 80°32'55"W (NOS)	19/04	<b>17436</b> 6Ed. 8/19/89 LAST NM 20/03 Substitute Depth 1 fathom 2 feet for 7 fathoms 5 feet Depth 2 fathoms 3 feet for 4 fathoms 2 feet Depth 4 fathoms 3 feet for 5 fathoms 2 feet Depth 9 fathoms 3 feet Rk [K14.2] for 11 fathoms Add Depth 0 fathom 3 feet (NOS)	19/04 55°25'05"N 132°28'09"W 55°24'51"N 132°28'50"W 55°24'09"N 132°28'48"W 55°24'33"N 132°28'55"W 55°22'34"N 132°30'24"W
<b>★14833</b>	26Ed. 2/04 LAST NM 18/04 Substitute Depth 17 feet for 7 feet (NOS)	19/04 42°53'07.2"N 78°54'21.8"W	<b>★17460</b> Ed. 6/27/97 NEW EDITION (NGA)	N19/04
			<b>★17523</b> Ed. 2/23/01 NEW EDITION (NGA)	N19/04

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★17526	Ed. 4/5/96	NEW EDITION (NGA)	N19/04	★18650	52Ed. 9/03	LAST NM 11/04 Delete Light "B" Delete Light "D" Delete Light "F" (NTM0002/2004)	19/04 37°48'41.8"N 122°24'33.2"W 37°48'38.7"N 122°24'29.8"W 37°48'34.1"N 122°24'28.0"W
★17528	Ed. 7/6/01	NEW EDITION (NGA)	N19/04	18652	32Ed. 7/03	LAST NM 16/04 <b>(Page B, Inset 5)</b> Delete Light "B" Delete Light "D" Delete Light "F" (NTM0002/2004)	19/04 37°48'41"N 122°24'33"W 37°48'38"N 122°24'30"W 37°48'34"N 122°24'28"W
18020	37Ed. 9/03	LAST NM 11/04 Delete Buoy (NTM0002/2004)	19/04 32°37.8'N 117°26.5'W	18680	30Ed. 3/3/01	LAST NM 40/03 Delete Buoy (12/04 CG11)	19/04 36°44.5'N 121°51.5'W
18022	34Ed. 11/03	LAST NM 13/04 Delete Buoy Buoy (12/04 CG11; NTM0002/2004)	19/04 32°37.8'N 117°26.7'W 36°44.5'N 121°51.5'W	★18685	32Ed. 6/03	LAST NM 17/04 Delete Buoy (12/04 CG11)	19/04 36°44'30"N 121°51'30"W
★18521	70Ed. 10/03	LAST NM 14/04 Delete Depth 14 feet Depth 41 feet	19/04 46°17'59"N 124°05'02"W 46°14'07"N 123°43'14"W	18725	27Ed. 6/03	LAST NM 32/03 <b>(Inset)</b> Delete Depth 0 fathom 5 feet (See 29/03-18725)	19/04 34°09'39.9"N 119°13'22.4"W
		Substitute Depth 51 feet for 59 feet	46°13'07.5"N 124°05'47.6"W			Substitute Depth 0 fathom 3 feet for 0 fathom 4 feet 34°09'35.4"N 119°13'22.2"W	
		Add Depth 9 feet Depth 4 feet Depth 28 feet Depth 39 feet	46°17'59.6"N 124°04'59.8"W 46°17'36.0"N 124°05'00.0"W 46°12'25.2"N 123°47'21.9"W 46°13'56.2"N 123°43'35.8"W			Depth 0 fathom 2 feet for 4 fathoms 4 feet 34°09'37.8"N 119°13'51.1"W	
		Tabulation (2) of controlling depths from Subsection I-2 (NOS)				Depth 0 fathom 1 foot for 4 fathoms 3 feet 34°09'36.1"N 119°13'48.6"W	
★18523	54Ed. 10/03	LAST NM 13/04 Add Tabulation of controlling depths from Subsection I-2 (NOS)	19/04			Depth 0 fathom 2 feet for 4 fathoms 5 feet 34°09'32.6"N 119°13'45.5"W	
★18524	33Ed. 2/23/02	LAST NM 13/04 <b>(Left Panel)</b> Add Tabulation of controlling depths from Subsection I-2 (NOS)	19/04			Depth 3 fathoms 5 feet for 4 fathoms 5 feet 34°09'30.2"N 119°13'47.1"W	
★18525	33Ed. 6/30/01	LAST NM 13/04 Add Tabulation of controlling depths from Subsection I-2 (NOS)	19/04			Depth 2 fathoms 5 feet for 4 fathoms 3 feet 34°09'29.0"N 119°13'43.4"W	
18526	56Ed. 12/03	LAST NM 17/04 Add Tabulation of controlling depths from Subsection I-2 (NOS)	19/04			Depth 3 fathoms 3 feet for 4 fathoms 1 foot 34°09'17.1"N 119°13'43.1"W	
★18531	21Ed. 12/03	LAST NM 15/04 <b>(Lower Panel)</b> Add Tabulation of controlling depths from Subsection I-2 (NOS)	19/04			Depth 3 fathoms 2 feet for 4 fathoms 3 feet 34°09'20.6"N 119°13'41.7"W	
★18546	10Ed. 2/04	NEW EDITION (NOS)	19/04	Change	Legend to "14 FT FOR MID-WIDTH OF 200 FT AUG 2003"	34°09'28"N 119°13'35"W	
★18587	68Ed. 8/25/01	LAST NM 14/04 Change Legend to "30 FT DEC 2003"	19/04 43°24'04"N 124°16'37"W		Legend to "13 FT SEP 1996-AUG 2003"	34°09'42"N 119°13'26"W	
		Add Tabulation of controlling depths from Subsection I-2 (NOS)		Add	Depth 1 fathom 2 feet (NOS)	34°09'31.5"N 119°13'29.9"W 34°09'40.6"N 119°13'22.2"W	
★18643	17Ed. 3/03	LAST NM 43/03 <b>(Inset)</b> Change Legend to "Shoaling Rep 2004"	19/04 38°18'20.5"N 123°03'14.4"W (12/04 CG11)	18740	40Ed. 8/03	LAST NM 14/04 Delete Buoy (Army) Buoy Buoy (12/04 CG11; NTM0002/2004)	19/04 33°35.1'N 118°17.4'W 32°38.0'N 117°26.7'W 32°55.7'N 117°16.4'W
18649	63Ed. 9/03	LAST NM 16/04 Delete Light "B" Light "D" Light "F" (NTM0002/2004)	19/04 37°48'42"N 122°24'34"W 37°48'38"N 122°24'30"W 37°48'34"N 122°24'28"W	18741	18Ed. 9/9/95	LAST NM N14/04 Delete Buoy (waverider) Buoy (12/04 CG11; NTM0002/2004)	N19/04 32°38.0'N 117°26.7'W 32°55.7'N 117°16.4'W
				★18746	35Ed. 11/03	LAST NM 11/04 Delete Buoy (Army) (NTM0002/2004)	19/04 33°35'05"N 118°17'24"W
				★18751	42Ed. 12/1/01	LAST NM 7/04 Add Legend "Shoal rep (2003)" (5/04 CG11)	19/04 33°45'06"N 118°13'24"W
				18760	6Ed. 9/5/98	LAST NM N11/04 Delete Buoy (Army maintd) Buoy (NTM0002/2004)	N19/04 33°35.1'N 118°17.4'W 32°38.0'N 117°26.7'W
				★18765	15Ed. 2/16/02	LAST NM 16/04 Delete Buoy (waverider) Buoy (12/04 CG11; NTM0002/2004)	19/04 32°38'00"N 117°26'41"W 32°55'43"N 117°16'24"W

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NM 19/04

<b>18766</b>	7Ed. 11/26/83 LAST NM 7/04 Delete Buoy (waverider) Buoy (12/04 CG11; NTM0002/2004)	19/04 32°38.0'N 117°26.6'W 32°55.7'N 117°16.4'W	Buoy "2" RW, pillar, ball topmark, Fl(2) 10s (Arg CH H-212)	39°20.6'S 61°33.4'W
<b>18768</b>	4Ed. 3/11/95 LAST NM N7/04 Delete Buoy (waverider) Buoy (12/04 CG11; NTM0002/2004)	N19/04 32°38.0'N 117°26.7'W 32°55.7'N 117°16.4'W	<b>23124</b> 3Ed. 1/1/84 LAST NM N20/03 Delete Buoy pairs "No 01", "No 02", and "No 03" between Note: Danger circle "Fdo. So." close SW of green buoy "No 03" remains	N19/04 39°22'23"S 61°31'02"W 39°18'51"S 61°35'40"W
<b>18774</b>	10Ed. 6/02 LAST NM 14/04 Delete Buoy Add Buoy Fl Y 4s (PD) with legend "Wave buoy" (5, 12/04 CG11)	19/04 32°55'42"N 117°16'24"W 33°13'18"N 117°26'00"W	Solid line between Double solid line between Anchorage symbol	39°23'56"S 61°29'01"W 39°22'23"S 61°31'00"W 39°22'17"S 61°31'08"W 39°17'05"S 61°38'02"W 38°56'41"S 62°02'50"W
<b>19007</b>	16Ed. 2/12/94 LAST NM 16/04 Relocate Superbuoy ODAS "51001" from 23°24.1'N 162°16.0'W to (11/04 CG14)	19/04 23°25.9'N 162°12.5'W	Relocate Buoy "F4" from 39°02'24"S 61°49'06"W to 39°02'13"S 61°49'27"W	39°02'24"S 61°49'06"W to 39°02'13"S 61°49'27"W
<b>19008</b>	4Ed. 11/3/84 LAST NM 16/04 Relocate Superbuoy ODAS "51002" from 17°09.0'N 157°47.4'W to (12/04 CG14)	19/04 17°10.2'N 157°48.4'W	Add Buoy "No 01" RW, pillar, ball topmark, L Fl 10s Buoy "No 02" RW, pillar, ball topmark, Fl(2) 10s Buoy "No 03" RW, pillar, ball topmark, L Fl 10s	39°20'38"S 61°33'23"W 39°18'34"S 61°36'10"W
<b>19009</b>	4Ed. 2/16/85 LAST NM 16/04 Relocate Superbuoy ODAS "51002" from 17°09.0'N 157°47.4'W to (12/04 CG14)	19/04 17°10.2'N 157°48.4'W	Submarine pipeline [L40.1] between	38°56'42"S 62°03'06"W 38°55'50"S 62°02'39"W
<b>★19010</b>	18Ed. 3/04 LAST NM 18/04 Relocate Superbuoy ODAS "51002" from 17°09.0'N 157°47.4'W to (12/04 CG14)	19/04 17°10.2'N 157°48.4'W	Purple composite-line arc of a circle (anchorage prohibited limit) [N20], radius 0.3 mile, centered arc joining	38°56'42"S 62°03'06"W 38°56'34"S 62°03'25"W 38°57'00"S 62°03'02"W 38°56'47"S 62°02'44"W
<b>★19016</b>	10Ed. 5/03 LAST NM 3/04 Relocate Superbuoy ODAS "51001" from 23°24.1'N 162°16.0'W to (11/04 CG14)	19/04 23°25.9'N 162°12.5'W	Purple composite line (anchorage prohibited limit) [N20] between	38°56'34"S 62°03'25"W 38°55'41"S 62°03'01"W
<b>★19342</b>	10Ed. 12/03 LAST NM 15/04 <b>(Inset)</b> Add Range beacon, front RW (Priv) Range beacon, rear RW (Priv) (11/04 CG14)	19/04 20°53'42.7"N 156°28'43.1"W 20°53'42.1"N 156°28'44.8"W	Purple composite line (anchORAGE PROHIBITED) [N20] between	38°56'47"S 62°02'44"W 38°55'57"S 62°02'21"W
<b>21140</b>	1Ed. 7/9/88 LAST NM 7/04 Delete Buoy (waverider) (NTM0002/2004)	19/04 32°38.0'N 117°26.7'W	Legend "Anch. Prohib."	38°56'12"S 62°02'50"W
<b>23121</b>	7Ed. 12/30/95 LAST NM 20/03 Relocate Buoy "F4" from 39°02'34"S 61°48'58"W to 39°02'12"S 61°49'29"W	19/04 38°56'46"S 62°02'45"W 38°55'54"S 62°02'21"W	Purple composite-line arc of a circle (anchorage prohibited limit) [N20], radius 0.3 mile, centered arc joining	38°57'45"S 62°00'01"W 38°57'38"S 62°00'25"W 38°58'01"S 62°00'10"W 38°57'51"S 61°59'41"W
	Add "ANCH. PROHIB." area [N20] bound by shore, chart border and purple composite line between Note: Area extends beyond chart border (Arg CH H-212)		Purple composite line (anchORAGE PROHIBITED) [N20] between	38°57'38"S 62°00'25"W 38°56'42"S 61°59'55"W
<b>23123</b>	3Ed. 11/30/96 LAST NM 30/02 Delete Buoys (2) in vicinity Buoys (2) in vicinity Solid line between Double solid line between Add Buoy "1" RW, pillar, ball topmark, L Fl 10s	19/04 39°22.3'S 61°31.0'W 39°20.5'S 61°33.3'W 39°23.8'S 61°29.1'W 39°22.3'S 61°31.0'W 39°22.1'S 61°31.2'W 39°19.9'S 61°34.1'W 39°22.4'S 61°31.1'W	Legend "Anch. Prohib." (Arg CH H-212)	38°57'18"S 61°59'48"W
<b>23125</b>	4Ed. 7/5/97 LAST NM 17/03 Delete Buoy "1" (QR) Buoy "2" (Fl(2) R 4s)	19/04 39°22.2'S 61°31.0'W 39°20.6'S 61°33.3'W	Buoys (2) in vicinity Note: Danger circle "Foul" close S remains	39°18.6'S 61°35.8'W
	Change Buoy to "1" RW, pillar, ball topmark, L Fl 10s Buoy to "2" RW, pillar, ball topmark, Fl(2) 10s Add Buoy "3" RW, pillar, ball topmark, L Fl 10s		Anchorage symbol Buoy to "1" RW, pillar, ball topmark, L Fl 10s Buoy to "2" RW, pillar, ball topmark, Fl(2) 10s Buoy "3" RW, pillar, ball topmark, L Fl 10s	38°56.6'S 62°02.8'W 39°22.4'S 61°31.1'W 39°20.6'S 61°33.4'W 39°18.6'S 61°36.2'W

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<b>26083</b>	14Ed. 11/5/83 LAST NM 29/02 Add Buoy "2" R, pillar, Fl R 3s (2/04 Bogota)	19/04 13°23'23"N 81°23'14"W	<b>37400</b> (INT 1803) Delete Buoy (Fr CH 7402) 10Ed. 3/12/88 LAST NM 11/04 46°42.8'N 2°13.7'W	19/04
<b>26147</b>	31Ed. 4/29/95 LAST NM 13/02 <b>(Plan D)</b> Add Buoy "2" R, pillar, Fl R 4s Buoy "2A" R, pillar, Fl R 4s Buoy "3" G, pillar, Fl G 4s Beacon "2B" R, Fl R 5s (PA) Beacon "3A" G, Fl G 4s (PA) Beacon "4" R, Fl R 2.5s (PA) Beacon "5" G, Fl G 6s (PA) Buoy "7" G, pillar, Fl G 4s Buoy "8" R, pillar, Fl R 4s Beacon "9" G, Fl G 2.5s (PA) Beacon "11" G, Fl G 5s (PA) (NTM0003/2004)	19/04 19°47'43.2"N 72°11'15.9"W 19°47'12.0"N 72°11'15.3"W 19°47'09.9"N 72°10'59.4"W 19°46'34.8"N 72°11'22.5"W 19°46'32.8"N 72°11'13.8"W 19°46'19.2"N 72°11'21.3"W 19°46'20.2"N 72°11'13.5"W 19°46'09.2"N 72°11'10.9"W 19°45'39.9"N 72°11'27.0"W 19°45'42.0"N 72°10'58.5"W 19°45'16.2"N 72°10'49.3"W	<b>43030</b> 24Ed. 4/5/97 LAST NM 17/04 Add Depth 21.6 meters Wk [K26] (38(303)02 Kopenhagen)	19/04 56°03.6'N 10°56.7'E
<b>26320</b>	5Ed. 8/29/92 LAST NM 40/03 Add Wreck [K29] "Rep (2004)" (NTM0001/2004)	19/04 25°54.6'N 79°55.5'W	<b>43385</b> 1Ed. 8/22/92 LAST NM 12/04 Change Vertical clearance of overhead cable to "32m" 58°03'33"N 11°30'13"E	19/04 57°56'20"N 11°34'26"E 57°56'22"N 11°34'26"E
<b>27005</b>	4Ed. 6/1/96 LAST NM 34/03 Add Wreck [K29] "Rep (2004)" (NTM0001/2004)	19/04 25°54.6'N 79°55.5'W	<b>44000</b> 16Ed. 11/15/97 LAST NM 44/03 Add Depth 76 meters Wk (6(1714)04 Norrkoping)	19/04 57°14'N 17°50'E
<b>27081</b>	6Ed. 10/29/94 LAST NM 49/02 Add Danger circle "Obstn" [K40] (1(11)04 Habana)	19/04 23°13'30"N 81°06'00"W	<b>44001</b> 2Ed. 10/19/96 LAST NM 18/04 Substitute Depth 39.8 meters Wk for 41.5 meters 57°13.2'N 23°45.8'E	19/04
<b>27082</b>	6Ed. 10/22/94 LAST NM 51/02 Add Danger circle "Obstn" [K40] (1(11)04 Habana)	19/04 23°13'30"N 81°06'00"W	Add Depth 76 meters Wk Depth 25.2 meters Wk [K26] Depth 31.8 meters Wk Depth 34.8 meters Wk Depth 32.7 meters Wk Depth 39.9 meters Wk Depth 42.2 meters Wk (6(1714)04 Norrkoping; 12(146)03 Riga)	19/04 57°14.2'N 17°50.4'E 57°47.0'N 22°42.3'E 57°35.8'N 23°03.5'E 57°40.7'N 22°54.7'E 57°28.7'N 23°19.9'E 57°21.3'N 23°32.1'E 57°27.3'N 23°19.5'E
<b>27122</b>	5Ed. 10/29/94 LAST NM 8/00 Add Buoy "Los Morros" RW, pillar, ball topmark Buoy "1" G, spar, can topmark Buoy "3" G, spar, can topmark Buoy "4" R, spar, cone topmark Buoy "6" R, spar, cone topmark Buoy "7" G, spar, can topmark Buoy "8" R, spar, cone topmark (1(10)04 Habana)	19/04 21°56'57"N 84°57'22"W 21°56'43"N 84°55'42"W 21°56'24"N 84°54'09"W 21°56'19"N 84°54'18"W 21°55'16"N 84°54'22"W 21°54'12"N 84°54'22"W 21°54'11"N 84°54'23"W	<b>44015</b> 8Ed. 7/22/95 LAST NM 18/04 Delete Dangerous wreck Add Depth 76 meters Wk Depth 31.8 meters Wk Depth 34.8 meters Wk Depth 25.2 meters Wk [K26] Depth 25.1 meters Wk [K26] Depth 32.7 meters Wk Depth 39.9 meters Wk Depth 39.8 meters Wk (13(71)99, 12(146)03 Riga; 6(1714)04 Norrkoping)	19/04 57°46.8'N 22°43.2'E
<b>★35002</b>	Ed. 10/93 NEW CHART (NGA)	N19/04	<b>44040</b> 23Ed. 7/20/96 LAST NM 16/04 Add Depth 21.6 meters Wk [K26] (38(303)02 Kopenhagen)	19/04 56°03.6'N 10°56.7'E
<b>★35003</b>	Ed. 1/86 NEW CHART (NGA)	N19/04	<b>44046</b> 10Ed. 7/13/96 LAST NM 6/04 Add Depth 21.6 meters Wk [K26] (38(303)02 Kopenhagen)	19/04 56°03'34"N 10°56'40"E
<b>★35004</b>	Ed. 3/99 NEW CHART (NGA)	N19/04	<b>44065</b> 7Ed. 3/27/93 LAST NM 6/04 Delete Buoy (10(16)04 Hamburg)	19/04 54°28'59"N 10°01'11"E
<b>37221</b>	13Ed. 2/3/96 LAST NM 18/04 Add Swept depth 1 meter Wk [K27] (10(21)04 Hamburg)	19/04 53°50.2'N 8°18.0'E	<b>44160</b> 7Ed. 4/5/97 LAST NM 13/04 Add Depth 76 meters Wk (6(1714)04 Norrkoping)	19/04 57°14.2'N 17°50.4'E
<b>37231</b>	18Ed. 4/5/97 LAST NM 8/04 Add Swept depth 1 meter Wk [K27] (10(21)04 Hamburg)	19/04 53°50'14"N 8°17'59"E	<b>44224</b> 1Ed. 8/22/92 LAST NM 3/04 Add Submarine pipeline [L40.1] between 63°17'04.2"N 18°43'15.9"E 63°16'47.8"N 18°43'15.6"E <b>(Plan)</b> Add Submarine pipeline [L40.1] between 63°17'04.2"N 18°43'15.9"E 63°16'47.8"N 18°43'15.6"E (39(1421)03 Norrkoping)	19/04
<b>37380</b>	2Ed. 9/11/93 LAST NM 13/04 Delete Buoy Add Danger circle "Explosive Dumping Ground" Danger circle "Explosive Dumping Ground" Danger circle "Explosive Dumping Ground" Wreck [K29] (PD) (Fr CH 7402)	19/04 46°42.8'N 2°13.7'W 46°40.6'N 1°59.6'W 46°31.2'N 1°51.5'W 46°42.5'N 2°13.0'W 46°35.9'N 2°25.1'W	<b>44281</b> 2Ed. 4/6/96 LAST NM 12/04 Delete Beacons (2), range line and legend "Bns in line 134°" between 65°26'20"N 22°21'13"E 65°28'11"N 22°16'34"E (continued on next page)	19/04

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<b>44281</b>	(Continued)			
	Beacons (2), range line and legend "Bns in line 134°" between	65°26'23"N 22°21'17"E 65°28'15"N 22°16'36"E		Substitute Note from Subsection I-2 for same in left upper margin of chart (NTM0008/2004)
	(39(1413)03 Norrkoping)			
<b>44310</b>	5Ed. 12/21/96 LAST NM 50/03	19/04		
Add	Rock awash [K12] (28(608)02 Helsinki)	61°20.9'N 21°23.8'E	Change Period of light to 9s (26(361)00 Cadiz)	19/04 42°23.9'N 8°42.3'W
<b>44313</b>	1Ed. 4/11/87 LAST NM 11/04	19/04		
Delete	Light "Laitakari" and sector limits Depth 4.6 meters	61°03'15"N 21°12'24"E 61°20'49"N 21°23'46"E	4Ed. 2/4/84 LAST NM 12/04 Delete Range lights (2), range line and legend "Lights in line 189°" between	19/04 36°50'19.2"N 6°21'34.8"W 36°52'51.0"N 6°21'05.0"W
Add	Rock awash [K12] (28(607, 608)02 Helsinki)	61°20'53"N 21°23'47"E	Range lights (2), range line and legend "Lights in line 078°" between	36°54'04.8"N 6°20'19.2"W 36°54'31.0"N 6°17'30.0"W
<b>44319</b>	2Ed. 2/15/97 LAST NM 2/04	19/04		
Add	Dangerous wreck [K28] (PA) (30(738)01 Helsinki; BA CH 2224)	60°03.0'N 24°55.7'E	Add Range light, front QR 8m 5M Range light, rear Dir Iso R 4s 12m 5M	36°50'24.0"N 6°21'34.2"W 36°50'19.2"N 6°21'34.8"W
<b>44320</b>	4Ed. 9/21/96 LAST NM 12/04	19/04		Range line extending in 009° direction from above rear light dashed for 1150 meters, thence solid for 3600 meters
Add	Islet [K10] (19(393)02 Helsinki)	59°57.7'N 22°30.0'E		
<b>44321</b>	6Ed. 9/3/94 LAST NM 45/03	19/04		Legend "Lights in line 189°" along above range line
Delete	Buoy	59°54'13"N 22°25'14"E		36°52'00.0"N 6°21'16.8"W
	Buoy	59°55'06"N 22°24'12"E		Range light, front QR 8m 5M
	Buoy	59°55'19"N 22°24'01"E		36°54'06.6"N 6°20'11.4"W
Add	Dangerous submerged rock [K13] (11-12(208)02, 17-18(354)03 Helsinki)	59°53'25"N 22°23'33"E		Range light, rear Dir Iso R 4s 11m 5M
				36°54'04.8"N 6°20'19.2"W
<b>44340</b>	11Ed. 8/10/96 LAST NM 18/04	19/04		Range line extending in 078° direction from above rear light dashed for 630 meters, thence solid for 3650 meters
Add	Dangerous wreck [K28] (PA) (30(738)01 Helsinki; BA CH 2224)	60°03.0'N 24°55.7'E		
<b>44341</b>	7Ed. 10/17/98 LAST NM 18/04	19/04		Legend "Lights in line 258°" along above range line
Add	Dangerous wreck [K28] (PA) marked by buoy Y, pillar enclosed by purple composite-line circle radius 0.1 mile, with legend "Historic Wreck (see note)"	60°03'02"N 24°55'44"E		36°53'24.0"N 6°18'30.0"W
	Note		(NTM0009/2004)	
	"HISTORIC WRECK"			
	The site of an historic wreck is protected from unauthorized interference. Mooring at the buoy is prohibited for those not authorized."	60°13'30"N 24°46'00"E		
	(30(738)01 Helsinki; BA CH 2224)			
<b>44400</b>	4Ed. 9/7/96 LAST NM 18/04	19/04		
Add	Depth 31.8 meters Wk	57°35.8'N 23°03.5'E		
	Depth 34.8 meters Wk	57°40.7'N 22°54.7'E		
	Depth 25.2 meters Wk [K26]	57°47.0'N 22°42.3'E		
	Depth 32.7 meters Wk	57°28.7'N 23°19.9'E		
	Depth 39.9 meters Wk enclosed by depth contour (40-meter)	57°21.3'N 23°32.1'E		
	Depth 42.2 meters Wk	57°27.3'N 23°19.5'E		
	Depth 39.8 meters Wk	57°13.2'N 23°45.8'E		
	(12(146)03 Riga)			
<b>51013</b>	4Ed. 3/23/85 LAST NM 14/04	19/04		
Add	Depth 8 fathoms 3 feet Wk [K26] (Cancels 14/04-51013)	36°35.5'N 6°22.7'W		
	(4(19)04 Cadiz)			
<b>★51081</b>	10Ed. 10/5/96 LAST NM 6/04	19/04		
	<b>(Plan A)</b>			
Add	Note from Subsection I-2 (NTM0008/2004)	37°43'24.0"N 25°27'24.0"W		
<b>★51082</b>	7Ed. 5/11/96 LAST NM 45/03	19/04		
Delete	Legend "WORLD GEODETIC SYSTEM (WGS-84)" in left upper margin of chart			
<b>51100</b>	7Ed. 10/22/94 LAST NM 10/04	19/04		
Change	Period of light to 9s (26(361)00 Cadiz)			
				42°23.9'N 8°42.3'W
<b>51163</b>	4Ed. 2/4/84 LAST NM 12/04	19/04		
Delete	Range lights (2), range line and legend "Lights in line 189°" between			
				36°50'19.2"N 6°21'34.8"W
				36°52'51.0"N 6°21'05.0"W
	Range lights (2), range line and legend "Lights in line 078°" between			
				36°54'04.8"N 6°20'19.2"W
				36°54'31.0"N 6°17'30.0"W
	Add Range light, front QR 8m 5M			
				36°50'24.0"N 6°21'34.2"W
	Range light, rear Dir Iso R 4s 12m 5M			
				36°50'19.2"N 6°21'34.8"W
	Range line extending in 009° direction from above rear light dashed for 1150 meters, thence solid for 3600 meters			
<b>52046</b>	21Ed. 10/14/00 LAST NM 13/04	19/04		
	<b>(Plan)</b>			
Delete	Beacon			36°41'22.2"N 4°24'42.0"W
	Buoys (3) in vicinity			36°41'27.0"N 4°24'45.0"W
	(13(243)03 Cadiz)			
<b>52120</b>	12Ed. 11/14/87 LAST NM 6/04	19/04		
Relocate	Buoy (wavemeter) from 42°10.3'N 3°11.8'E to 42°10.8'N 3°11.9'E (26(368)00 Cadiz)			
<b>53062</b>	13Ed. 1/22/94 LAST NM 17/04	19/04		
Delete	Anchoring prohibited area in vicinity			
				43°20'17.0"N 5°20'14.0"E
	Depth 13.8 meters			43°20'47.0"N 5°19'49.9"E
Add	Anchorage symbol (large vessels) [N10]			
				43°20'11.5"N 5°18'17.0"E
	(Fr CH 7390)			
<b>54400</b>	8Ed. 6/2/90 LAST NM 14/04	19/04		
Change	Visibility (range) of light to 12M (4(18)03 Istanbul)			
				37°19.7'N 27°19.7'E
<b>54403</b>	4Ed. 6/14/86 LAST NM 36/03	19/04		
Change	Visibility (range) of light to 12M Light to Fl 3s 43ft 12M (4(18)03 Istanbul; BA LL)			
				37°19'42"N 27°19'30"E
				37°13'40"N 27°30'30"E
<b>55040</b>	4Ed. 7/31/99 LAST NM 17/04	19/04		
Substitute	Beacon BYB, double cone topmark bases together, Q(3) 10s 8M for light			
				40°58.3'N 27°58.0'E
Add	Light Fl R 5s 8M (4(16, 17)03 Istanbul; BA LL)			
				40°51.6'N 29°15.4'E

<b>55042</b>	1Ed. 4/12/86 LAST NM 9/04 Substitute Beacon BYB, double cone topmark bases together, Q(3) 10s 6m 8M for light (4(17)03 Istanbul; BA LL)	19/04 40°58'19"N 27°57'58"E	Pilot station symbol [T1.2] with legend "No. 1" 35°56'56"N 126°25'53"E (26(443), 27(464), 33(579), 35(612)03 Inchon)
<b>55046</b>	4Ed. 11/30/96 LAST NM 18/04 Add Light Fl R 5s 7m 8M (4(16)03 Istanbul)	19/04 40°51'34"N 29°15'23"E	<b>95082</b> 9Ed. 5/28/94 LAST NM 14/04 Delete Pilot station symbol and legend "No. 1" 35°59'11"N 126°26'53"E  Add Pilot station symbol [T1.2] with legend "No. 1" 35°56'56"N 126°25'53"E (35(612)03 Inchon)
<b>74151</b>	9Ed. 3/11/95 LAST NM 41/03 Delete Beacon (26(866)03 Wollongong)	19/04 32°56'06"S 151°46'50"E	<b>95140</b> 15Ed. 10/7/95 LAST NM 17/04 Add Dangerous wreck [K28] (28(482)03 Inchon)
<b>74152</b>	11Ed. 7/29/95 LAST NM 13/04 Delete Light Legend "M S B Moorings" Beacon Beacon Beacon Dashed line between Dashed line between Dashed line and legend "Measured...235°" between (See 34/03-74152) Change Period of light to 20s Buoy to R. spar Add Buoy (mooring) [Q40] (26(866)03, 2(66), 4(142)04 Wollongong)	19/04 32°55'09.6"S 151°45'40.2"E 32°55'25.2"S 151°47'16.1"E 32°56'02.9"S 151°46'50.2"E 32°55'16.2"S 151°47'39.6"E 32°54'55.4"S 151°47'24.1"E 32°55'55.0"S 151°46'44.4"E 32°56'22.1"S 151°47'04.9"E 32°54'55.4"S 151°47'24.1"E 32°55'48.6"S 151°48'04.3"E 32°56'19.8"S 151°47'03.1"E 32°55'45.2"S 151°48'01.7"E 32°55'08.4"S 151°46'25.2"E 32°55'04.2"S 151°45'38.4"E 32°55'20.2"S 151°45'43.5"E	<b>95151</b> 17Ed. 11/28/98 LAST NM 16/04 Add Chartlet, depicting changes in hydrography and topography, from Subsection I-2 (ROK CH W201C)
<b>74153</b>	2Ed. 3/4/95 LAST NM 1/04 Delete Beacon Beacon Beacon (26(866)03 Wollongong)	19/04 32°56'02.3"S 151°46'50"E 32°55'15.4"S 151°47'39.0"E 32°54'55.1"S 151°47'23.5"E	<b>95153</b> 2Ed. 4/23/94 LAST NM 32/03 Add Chartlet A, depicting changes in hydrography and topography and aids to navigation, from Subsection I-2 35°08'30.0"N 129°07'00.0"E Chartlet B, depicting changes in hydrography, topography and aids to navigation, from Subsection I-2 35°08'48.0"N 129°08'06.0"E Chartlet C, depicting changes in hydrography, topography and aids to navigation, from Subsection I-2 35°09'40.0"N 129°08'08.0"E Dashed line (harbor limit) [N49] between 35°09'12.0"N 129°09'01.5"E 35°09'06.5"N 129°08'38.0"E (ROK CH W201C; 17(261)03 Inchon)
<b>75251</b>	5Ed. 8/30/97 LAST NM 13/04 Change Characteristic of beacon "6" to Fl WR 5s (4(140)04 Wollongong)	19/04 35°07'40"S 150°45'06"E	<b>95160</b> 13Ed. 8/19/95 LAST NM 17/04 Add Dangerous wreck [K28] (28(482)03 Inchon)
<b>75261</b>	6Ed. 5/10/97 LAST NM 13/04 Change Characteristic of beacon "6" to Fl WR 5s (4(140)04 Wollongong)	19/04 35°07'36"S 150°45'06"E	<b>95250</b> 4Ed. 7/12/97 LAST NM 36/03 Substitute Disused submarine cables [L32] for submarine cables (4) between 41°44.3'N 140°34.9'E 41°11.1'N 140°38.6'E (23(975)99 Tokyo)
<b>94028</b>	7Ed. 9/16/95 LAST NM 17/04 Add Depth 47 meters Wk [K26] Wreck [K29] Dangerous wreck [K28] (28(482), 33(579)03, 1(7)04 Inchon)	19/04 36°57.8'N 126°01.5'E 35°30.2'N 125°31.4'E 35°07.9'N 129°19.6'E	<b>95282</b> 7Ed. 7/14/90 LAST NM 12/04 Add Light 2 Fl Y 3s Light 2 Iso G 6s Light 2 Iso 6s Light 2 Iso R 6s Light 2 Fl Y 3s (24(1012)99 Tokyo)
<b>94033</b>	5Ed. 10/28/95 LAST NM 16/04 Add Depth 47 meters Wk [K26] Dangerous wreck [K28] (27(464)03, 1(7)04 Inchon)	19/04 36°57.8'N 126°01.5'E 36°42.1'N 126°04.6'E	<b>96943</b> 15Ed. 12/9/95 LAST NM 42/03 Substitute Disused submarine cables [L32] for submarine cables (4) between 41°44'18"N 140°34'54"E 41°11'06"N 140°38'36"E (23(975)99 Tokyo)
<b>95060</b>	13Ed. 8/5/95 LAST NM 17/04 Add Depth 47 meters Wk [K26] Depth 57 meters Wk [K26] Dangerous wreck [K28] (27(464)03, 1(7)04 Inchon)	19/04 36°57.8'N 126°01.5'E 36°58.1'N 126°01.9'E 36°42.1'N 126°04.6'E	<b>96945</b> 3Ed. 2/1/97 LAST NM 16/04 Substitute Disused submarine cables [L32] for submarine cables (4) in vicinity (23(975)99 Tokyo)
<b>95080</b>	13Ed. 6/24/95 LAST NM 17/04 Delete Pilot station symbol and legend "No. 1" Add Wreck [K29] Dangerous wreck [K28] Dangerous wreck [K28]	19/04 35°59'11"N 126°26'53"E 35°30'11"N 125°31'23"E 36°42'04"N 126°04'35"E 35°15'00"N 126°00'00"E	<b>97021</b> 7Ed. 6/30/90 LAST NM 17/04 Add Dangerous wreck [K28] Submarine cable [L30.1] joining 34°20.5'N 136°57.0'E 34°19.2'N 137°05.3'E 34°11.8'N 137°12.4'E (28(482)03 Inchon; 6(156)04 Tokyo)

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**97180** 6Ed. 7/19/97 LAST NM 44/03 19/04  
Add Submarine cable [L30.1] joining  
34°20'31"N 136°57'00"E  
34°19'12"N 137°05'18"E  
34°18'42"N 137°06'12"E  
34°11'48"N 137°12'24"E  
(6(156)04 Tokyo)

**97181** 20Ed. 3/26/94 LAST NM 7/04 19/04  
Add Submarine cable [L30.1] joining  
34°20'31"N 136°57'00"E  
34°20'17"N 136°58'00"E  
34°20'07"N 136°59'00"E  
34°20'06"N 136°59'30"E  
34°19'12"N 137°05'18"E  
34°18'42"N 137°06'12"E  
34°15'54"N 137°08'18"E  
34°14'00"N 137°10'15"E  
(6(156)04 Tokyo)

**97190** 2Ed. 6/21/97 LAST NM 13/03 19/04  
Add Submarine cable [L30.1] joining  
34°20'31"N 136°57'00"E  
34°19'12"N 137°05'18"E  
34°18'42"N 137°06'12"E  
34°11'48"N 137°12'24"E  
(6(156)04 Tokyo)

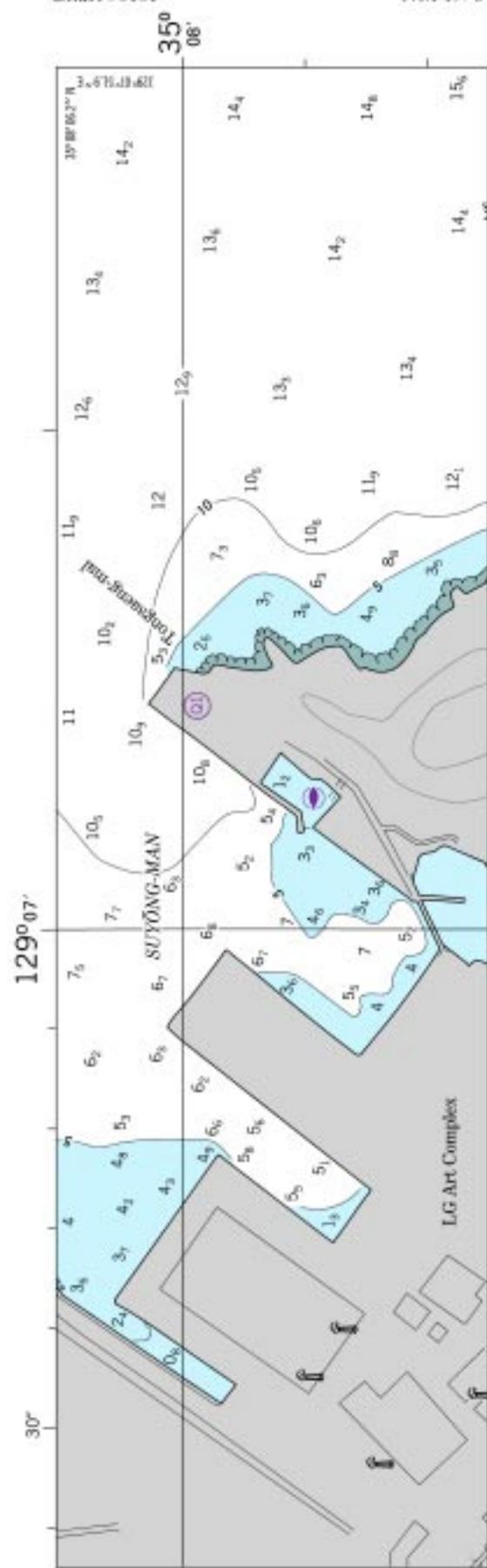
**97272** 11Ed. 6/14/97 LAST NM 13/04 19/04  
Add Solid line (breakwater) [F4.1] between  
33°59'35"N 131°43'18"E  
33°59'30"N 131°43'21"E  
(24(1021)99 Tokyo)

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Chart 95151

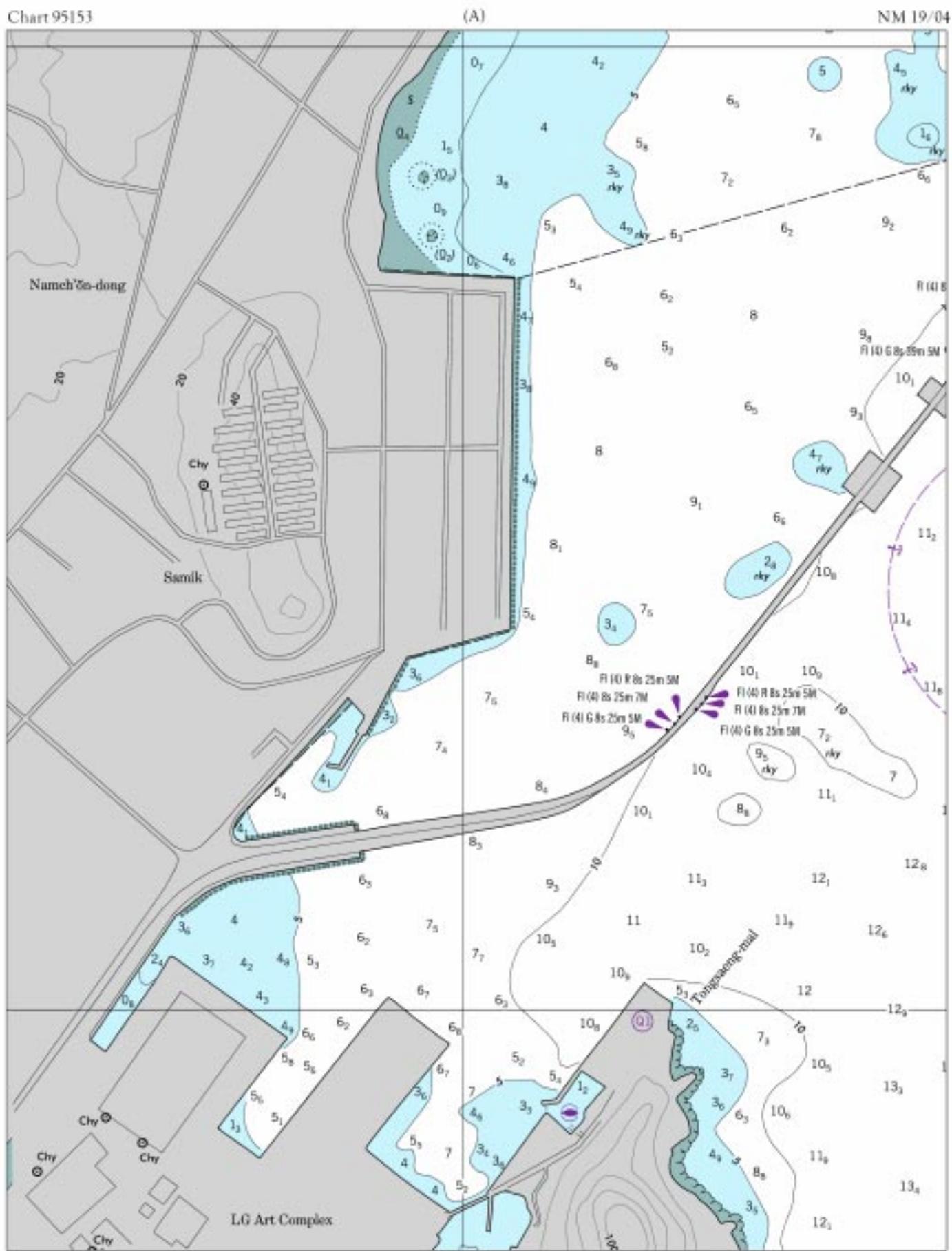
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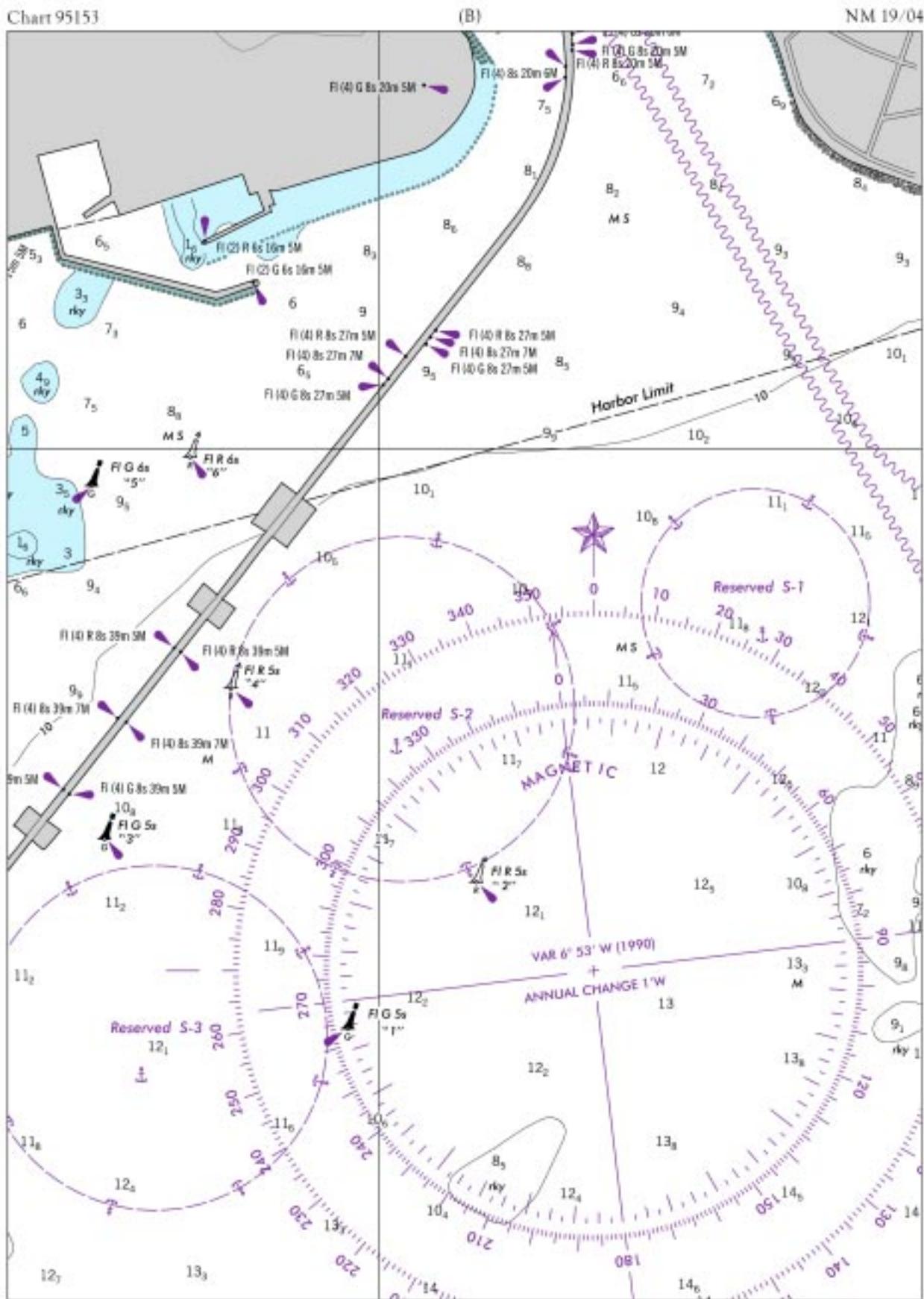
Chart 95153



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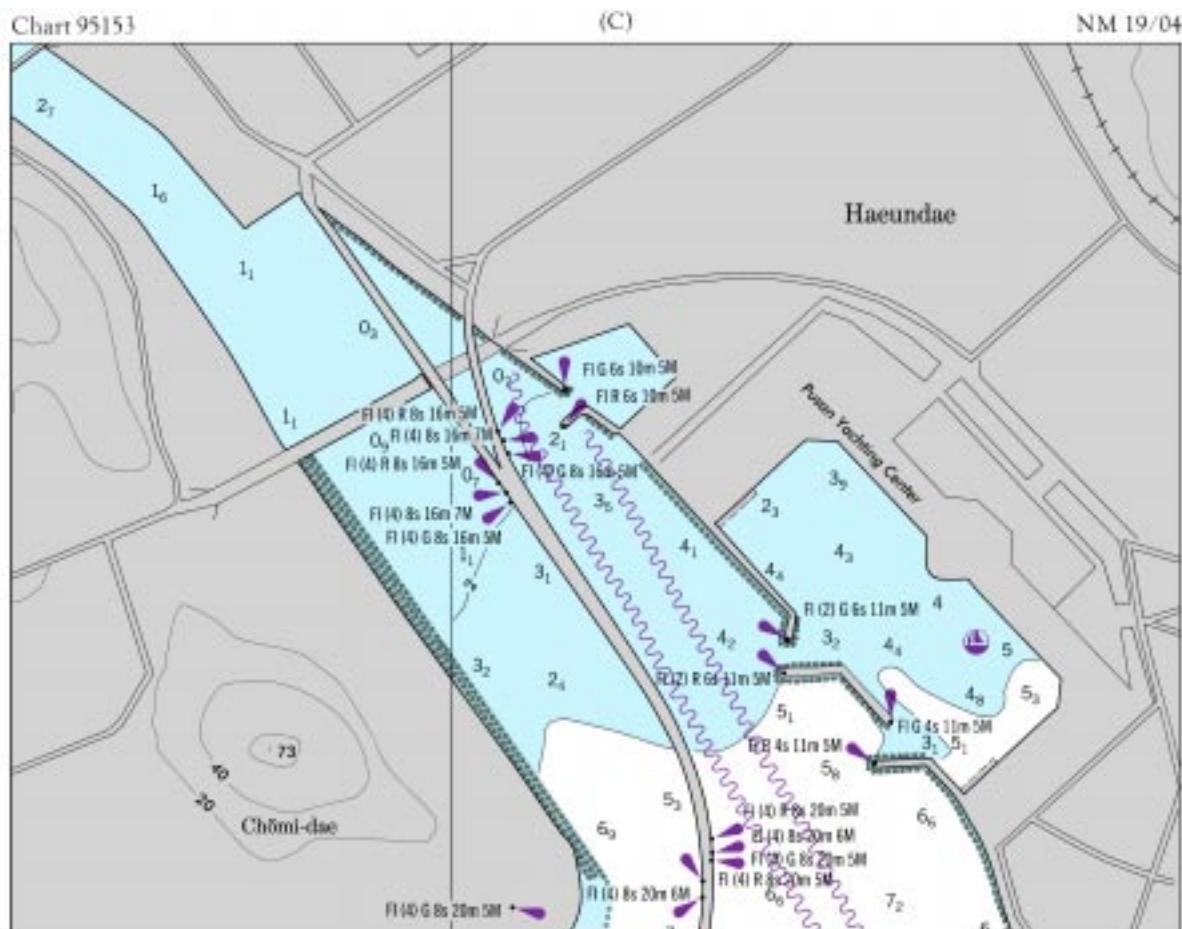
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Chart 95153



## SECTION I

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## SECTION I

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Chart 12324 (Side A)

NM 19/04

SANDY HOOK BAY, SHREWSBURY AND NAVESINK RIVERS CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO MAY 2003			
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)			
NAME OF CHANNEL	MIDDLE HALF (FEET)	WIDTH (FEET)	DATE OF SURVEY
SANDY HOOK BAY			
TERMINAL CHANNEL	43.5	400	2-97
SHREWSBURY RIVER			
HIGHLANDS REACH	9.7	150	5-03
RUMSON REACH	7.4	150	5-03
LONG BRANCH REACH	7.6	150	5-03
NAVESINK RIVER			
BARLEY POINT REACH	4.7	150	5-03
FAIR HAVEN REACH	5.4	150	5-03
RED BANK REACH	6.3	150	5-03
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGING CONDITIONS SUBSEQUENT TO THE ABOVE			

Chart 12338

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NEWTOWN CREEK CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF NOV 1991 AND SURVEYS TO AUG 2000							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)				PROJECT DIMENSIONS			
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH (MLLW FEET)
CHANNEL SECTION							
A	9.1	12.0	15.5	11-91; 8-00	240-130	0.53	23
B	17.5	15.3	10.9	11-91	130	0.30	23
C	16.8	17.8	16.8	11-91	130	0.37	23
D	9.5	12.4	10.2	11-91	130	0.78	23
E	13.1	14.5	11.8	11-91	130-300	0.23	23
F B	5.1	10.4	15.3	11-91	300-150	0.14	23
EAST BRANCH: B							
G	BARE	10.3	8.5	11-91	95-130	0.13	20
H	A2.8	8.9	0.6	11-91	125-150	0.12	20
J	D BARE	D1.8	D2.7	11-91	125	0.18	20
ENGLISH KILLS: B							
K	12.4	11.0	4.6	11-91	125	0.27	20
L	7.8	11.6	8.0	11-91	125	0.17	20
M	C BARE	C0.3	C BARE	11-91	100	0.36	12
A. CONTROLLING DEPTH ON THE LEFT OUTSIDE QUARTER IS TAKEN FROM BEHIND THE BARGE UNDER THE GRAND STREET BRIDGE. A DEPTH OF 7.8 FEET IS AVAILABLE FOR THE REMAINDER OF THE REACH. B. PROJECT DEPTH NOT ACCOMPLISHED. C. CONTROLLING DEPTHS WERE LOCATED IN THE SOUTHERLY 250 YARDS OF THE CHANNEL AND IN THE RIGHT HALF OF THE LAST BEND AT 40°42'46.7"N-73°55'57.0"W; DEPTHS OF 7.6 FEET LEFT OUTSIDE QUARTER; 8.1 FEET MIDDLE HALF; AND 5.7 FEET RIGHT OUTSIDE QUARTER AVAILABLE IN THE REMAINDER OF THE REACH. D. CONTROLLING DEPTHS WERE LOCATED IN THE LAST 100 YARDS OF THE CHANNEL SOUTH END BEING THE SHOALEST. DEPTHS OF 6.7 FEET LEFT OUTSIDE QUARTER; 8.5 FEET MIDDLE HALF; AND 7.7 FEET RIGHT OUTSIDE QUARTER AVAILABLE IN THE REMAINDER OF THE REACH. NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							

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Chart 12371

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NEW HAVEN HARBOR CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2004 AND SURVEYS TO FEB 2004								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
ENTRANCE CHANNEL	34.1	36.1	36.4	34.4	02-04	500	1.1	35
LIGHTHOUSE POINT REACH	33.4	35.0	34.4	33.6	02-04	400-500	2.9	35
NEW HAVEN REACH	32.8	35.0	34.6	33.9	02-04	800-500	1.0	35
EAST HAVEN REACH	13.2	16.6	15.0	15.2	1-6-03;02-04	500-100	0.1	22
QUINNIPAC RIVER								
FERRY ST. BRIDGE REACH	A14.7	16.0	16.4	13.8	12-93	200	0.6	B 18
GRAND AVE. BRIDGE REACH	11.5	12.7	12.8	11.8	12-93	C 200	0.5	22-16
MILL RIVER								
ENTRANCE CHANNEL	8.1	D 6.5	E 9.9	7.1	10-00	200	0.3	12
EAST FORK	F 6.2	F 6.1	G 6.1	H 7.9	10-00	100	0.2	12
WEST FORK	2.6	5.3	4.9	4.9	10-00	125	0.3	12
A. EXCEPT SHOALING TO 12.7 FEET ON NORTH LIMITS OF CHANNEL. B. THE MAINTAINED DEPTH IS 10 FEET. C. THE PROJECT WIDTH IS 200-400 FEET AND THE MAINTAINED WIDTH IS 200 FEET. D. EXCEPT SHOALING TO 5.5 FEET WITHIN 25 FEET OF CHAPEL ST. BRIDGE FENDER. E. EXCEPT SHOALING TO 9.2 FEET WITHIN 10 FEET OF CHAPEL ST. BRIDGE FENDER. F. EXCEPT SHOALING TO 2.2 FEET IN LAST 430 FEET OF REACH. G. EXCEPT SHOALING TO 0.6 FEET IN LAST 430 FEET OF REACH. H. EXCEPT SHOALING TO 0.5 FEET IN LAST 430 FEET OF REACH. NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

Chart 18521

NM 19/04

COLUMBIA RIVER CHANNEL DEPTHS ENTRANCE TO MILLER SANDS RANGE								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF FEBRUARY 18, 2004						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (STAT. FEET)	LENGTH (CRD MILES)	DEPTH (FEET)
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	45	46	42	38	12-03	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	40	42	42	41	12-03	600	2.2	40
HARRINGTON POINT RANGE	39	41	41	37	11-12-03	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								

Chart 18521

NM 19/04

BAKER BAY WEST CHANNEL							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO AUGUST 2003						PROJECT DIMENSIONS	
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
ENTRANCE TO 46°16'17.91"N 124°01'50.00"W 46°16'17.91"N 124°01'50.00"W TO FORT CANBY	17	16	18	8-03	150	1.3	10
THENCE TO ILWACO	16	16	16	8-03	150	1.3	10
MOORING BASIN A B	17	16	15	8-03	150	0.9	10
	3	3	3	1980	-	-	-
A. SHOALING TO 2 FEET ON RIGHT HALF, BETWEEN THE BREAKWATERS. B. BASIN LOCALLY MAINTAINED. NO RECENT SURVEYS AVAILABLE. NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							

## SECTION I

NM 19/04

Chart 18523

NM 19/04

COLUMBIA RIVER CHANNEL DEPTHS MILLER SANDS RANGE TO GULL ISLAND TURN AND CHANNEL TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF FEBRUARY 18, 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) (STAT. MILES)	LENGTH (CRD MILES)	DEPTH (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 19/04

COLUMBIA RIVER CHANNEL DEPTHS GULL ISLAND TURN AND CHANNEL TO SAINT HELENS TURN TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF FEBRUARY 18, 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) (STAT. MILES)	LENGTH (CRD MILES)	DEPTH (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	43	41	39	39	1-04	600	2.7	40
COTTONWOOD ISLAND UPPER RANGE	42	42	41	41	1-04	600	1.6	40
KALAMA LOWER RANGE	43	41	40	34	1-04	600	1.8	40
KALAMA UPPER RANGE	41	42	40	40	1-04	600	2.2	40
BYBEE LEDGE CHANNEL	40	42	41	40	1-04	600	2.1	40
MARTIN ISLAND CHANNEL	41	41	39	38	1-04	600	2.1	40
MARTIN ISLAND RANGE	40	42	41	41	1-04	600	1.4	40
COLUMBIA CITY CHANNEL	40	40	39	39	1-04	600	1.2	40
ST. HELENS RANGE	38	41	42	41	1-04	600	2.0	40
ST. HELENS TURN	42	43	42	40	1-04	600	1.7	40

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

**SECTION I**

NM 19/04

Chart 18525

NM 19/04

COLUMBIA RIVER CHANNEL DEPTHS SAINT HELENS TURN TO TOMAHAWK BAR TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORTS OF FEBRUARY 18, 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	47	47	54	50	12-03	500 1.0 40
VANCOUVER RANGE	40	43	43	41	12-03	500 1.3 40
VANCOUVER UPPER CHANNEL	41	42	40	40	12-03	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 19/04

COLUMBIA RIVER CHANNEL DEPTHS MORGAN CHANNEL TO TOMAHAWK BAR TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF FEBRUARY 18, 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	47	47	54	50	12-03	500 1.0 40
VANCOUVER RANGE	40	43	43	41	12-03	500 1.3 40
VANCOUVER UPPER CHANNEL	41	42	40	40	12-03	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

## SECTION I

Chart 18531 (Lower Panel)

NM 19/04

COLUMBIA RIVER CHANNEL DEPTHS TOMAHAWK BAR TO BONNEVILLE LOCKS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF FEBRUARY 18, 2004					
CONTROLLING DEPTHS IN FEET AT COLUMBIA RIVER DATUM (CRD) * SEE FOOTNOTE				PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (STAT. MILES) DEPTH (FEET)
TOMAHAWK BAR	16	18	17	11-03	300 3.7 27
AIRPORT BAR	15	18	18	2-04	300 2.8 27
GOVERNMENT ISLAND LOWER RANGE	16	17	16	2-04	300 1.1 27
GOVERNMENT ISLAND MIDDLE RANGE	14	16	16	2-04	300 1.6 27
FISHER QUARRY CHANNEL RANGE	28	24	21	2-04	300 1.0 27
GOVERNMENT ISLAND RANGE	24	30	26	2-04	300 1.1 27
GOVERNMENT ISLAND UPPER RANGE	16	19	19	2-04	300 0.8 27
LADY ISLAND RANGE	18	20	22	2-04	300 2.1 27
LADY ISLAND CHANNEL AND UPPER RANGE	27	28	21	2-04	300 0.9 27
WASHOUGAL LOWER RANGE	22	28	30	10-03	300 1.5 27
WASHOUGAL UPPER RANGE	18	29	29	10-03	300 1.1 27
GARY ISLAND RANGE	17	17	17	10-03	300 0.9 27
REED ISLAND RANGE	17	17	15	10-03	300 2.2 27
TUNNEL POINT CHANNEL	24	25	26	10-03	300 0.8 27
ROOSTER ROCK CHANNEL	26	23	25	10-03	300 1.2 27
CAPE HORN CHANNEL	34	32	31	10-03	300 2.4 27
CANDIANA CHANNEL	16	38	36	10-03	300 1.0 27
FASHION REEF LOWER RANGE	12	19	21	10-03	300 2.2 27
MULTNOMAH FALLS BAR RANGE	13	23	16	10-03	300 1.3 27
MULTNOMAH FALLS TURN	12	20	21	10, 11-03	300 0.8 27
MULTNOMAH FALLS UPPER RANGE	18	21	24	11-03	300 3.2 27
MCGOWANS CHANNEL	39	34	25	11-03	300 1.1 27
WARRENDALE LOWER RANGE	20	22	23	11-03	300 0.9 27
WARRENDALE UPPER RANGE	21	28	22	11-03	300 0.8 27
HAMILTON ISLAND REACH	21	30	27	11-03	300 0.9 27
ENTRANCE TO BONNEVILLE LOCKS	22	22	22	3-00	300 0.6 27

\* CONTROLLING DEPTHS ROUNDED TO THE NEAREST FOOT

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

Chart 18587

NM 19/04

COOS BAY AND ISTHMUS SLOUGH CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO DEC 2003					
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)				PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (NAUT. MILES) DEPTH (FEET)
ENTRANCE RANGE	39	39	39	9-03	— 1.9 47-37
ENTRANCE RANGE AND TURN	39	46	32	8-03	300-1050 0.5 37
INSIDE RANGE	38	38	38	8-03	300 0.6 37
COOS BAY RANGE	36	37	37	8-9-03	300 1.6 37
EMPIRE RANGE	36	37	38	9,12-03	300 1.3 37
LOWER JARVIS RANGE	37	36	36	12-03	300 0.8 37
JARVIS TURN	41	37	36	12-03	300 0.5 37
UPPER JARVIS RANGE	33	34	34	9,12-03	300-700 1.9 37
NORTH BEND LOWER RANGE	39	38	35	9-03	400 0.4 37
NORTH BEND RANGE	34	37	37	12-03	400 0.9 37
NORTH BEND UPPER RANGE	36	38	37	12-03	400 0.6 37
LOWER TURNING BASIN	36	38	37	12-03	400-900 0.3 37
FERNDALE LOWER RANGE	39	39	38	12-03	400 0.4 37
FERNDALE TURN	36	38	38	12-03	400 0.2 37
FERNDALE UPPER RANGE	28	37	38	12-03	400 0.7 37
MARSHFIELD RANGE	37	36	34	12-03	400 0.4 37
MARSHFIELD RANGE TO ISTHMUS SLOUGH	36	37	36	12-03	150-750 0.9 37
ISTHMUS SLOUGH	19	20	19	4-85	150 2.0 22

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

## SECTION I

NM 19/04

Chart 51081 (Plan A)

NM 19/04

### DATUM NOTE

Positions referred to the World Geodetic System 1984 (WGS-84) must be moved 9.6 seconds southward and 0.7 seconds westward to agree with this chart.

Chart 51082

NM 19/04

### DATUM NOTE

Positions referred to the World Geodetic System 1984 (WGS-84) must be moved 1.4 seconds northward and 0.9 seconds westward to agree with this chart.

**CHARTS AFFECTED BY NOTICE TO MARINERS**  
**NM 15/03 THROUGH NM 19/04**

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, N15/04	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	11363	39	47*,50,51/03;1,4,5,6,12, 13,14,17/04			
73	4	34/03	11311	23	26/03;1,12/04	11364	39	18,19,21,23,25,26,27,30, 33,34,35,43,50,51/03;1,4, 6,13,14/04			
103	5	16/03;9/04	11312	3	22,23,32/03;1,13/04	11365	17	32,34,50/03;3,6,7,14, 15/04			
108	9	34,39/03;19/04	11313	22	22,27,36,52/03;4,14/04	11366	8	52/03*;1,3,5,7,11,12,13, 14,15,19/04			
120	6	39/03	11314	23	15/04*	11367	32	38*,45,46,51/03;14/04			
124	10	18,34,39/03	11315	31	48/03*	11368	22	19,21,23,30,33,34,35,45, 46,51,52/03;14/04			
125	7	21/03	11316	39	17*,22,26,29,34/03;1, 15/04	11369	44	18,19,21,27,43,50/03;1,6, 13/04			
126	39	21/03	11317	30	12*,19/04	11370	24	38/03*;4,13,18/04			
145	16	39/03	11318	1	N24,N25,N44,N50/03; N1,N13/04	11371	36	35*,48/03;4,6,12/04			
200	3	37/03	11319	31	17*,19,20,25,26,29,30, 34/03	11372	30	19,23,24,26,27,31,42, 44/03;4,7,12/04			
204	4	4/04	11320	1	N22,N23,N24,N52/03	11373	43	48*,49/03;1,3,4,5,7,14, 17/04			
211	5	4/04	11321	29	23,31,34/03;7,10,13,14, 18/04	11374	32	2*,7,14,17/04			
301	1	21,24/03	11322	28	19*,20,23,30,34,35,42, 47/03;1,7,14,17/04	11375	35	20,23,24,27,29,47,51/03; 1,7,14,17/04			
310	20	21,24,52/03;6/04	11323	60	47*,49,51/03;1,3,5,6,9, 15,17,19/04	11376	49	48*,49/03;5,7,11,16,17, 19/04			
400	3	29,33,34/03;6,19/04	11324	33	47*,49,52/03;1,14,17, 19/04	11377	5	38*,44/03;7,14,17/04			
401	5	29,33,34,44/03;6,19/04	11325	35	26*,38,42,47/03;1,14, 17/04	11378	33	16/04*			
411	49	19*,22,23,24,25,26,29, 16,19/04	11326	32	15*,16,17,19/04	11379	40	18/04*			
500	8	32*,34,41/03	11327	31	46*,52/03;1,14,16,17, 19/04	11380	50	52/03*;13/04			
501	12	18,21,22,24,40,41/03;4,6, 11,19/04	11328	23	43*,52/03;1,2,4,6,7,14, 17/04	11381	34	2*,13/04			
502	2	40,44/03;11/04	11329	35	26*,38,42,47/03;1,14, 17/04	11382	25	49/03			
503	4	1/04	11330	50	51*,51/03;1,2,4,5,6,7,10, 13,14,15,17/04	11383	32	32,42,51/03;2,7,13,14,16, 17/04			
510	3	40/03;17/04	11331	19	12*,14/04	11384	23	19/04*			
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	11385	25	18/04*			
512	2	11/04	11333	32	15*,16,17,19/04	11386	17	18/04*			
513	6	34,50/03;18/04	11334	31	46*,52/03;1,14,16,17, 19/04	11387	33	16/04*			
514	7	16/04*	11335	23	43*,52/03;1,2,4,6,7,14, 17/04	11388	40	18/04*			
520	127	34,40,41/03;4,11/04	11336	28	17,19,20,23,25,31,34,35, 37,47,52/03;1,2,4,5,6,12, 17/04	11389	32	32,42,51/03;2,7,13,14,16, 17/04			
521	11	34,50/03;11/04	11337	5	38*,44/03;7,14,17/04	11390	23	19/04*			
523	8	34,50/03;11/04	11338	19	12*,14/04	11391	23	2*,3,7,14,16,17/04			
524	12	34/03	11339	32	49*,51/03;1,2,4,5,6,7,10, 13,14,15,17/04	11392	6	21,32,50/03;3,14/04			
525	3	40/03	11340	68	37*,38,45,46,49,50,51, 52/03;1,2,3,4,5,6,7,10,13, 14,15,16,17/04	11393	20	20,35,42/03;13,14/04			
530	30	18,21,22,24,34,40,41,44, 50/03;4,7,11,19/04	11341	40	18/04*	11394	34	15,16/04			
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	11395	34	15,16/04			
532	17	34,50/03;11,15/04	11343	37	48*,49,50/03;4,17/04	11396	42	18/04*			
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	11397	6	12,13,14,15,16/04			
600	5	45/03	11345	31	38/03/4/04	11398	14	20/03;13,14,15,16/04			
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	11399	27	27/03			
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	11400	29	27/03			
604	5	38/03	11348	20	43*,47,51/03;4/04	11401	21	30*,34/03			
606	1	17/03	11349	40	23,26,27,31,36,52/03;6, 14,15/04	11402	21	30*,34/04			
607	1	17,45/03	11350	25	43/03*	11403	29	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	11404	35	18/04*			
624	3	7/04	11352	37	13*,14,15/04	11405	29	38/03*			
703	4	44/03	11353	3	9*,13,14,19/04	11406	28	32/03*;15/04			
706	4	44/03	11354	24	26*,31,34,48,51/03;1,10, 12,14,15/04	11407	14	20/03;13,14,15,16/04			
707	2	34,44/03	11355	25	38/03*;14/04	11408	42	18/04*			
708	3	34,36/03	11356	35	38*,51,52/03;3,4,6,13,14, 19/04	11409	33	19/04*			
709	2	19,25/03	11357	36	38*,52/03;2,3,5,12,14,15, 17/04	11410	35	18/04*			
800	4	15/04	11358	52	41*,49,50,51/03;2,3,5,6, 7,14,19/04	11411	25	15,16/04			
803	1	15/04	11359	11	49,50/03;19/04	11412	42	18/04*			
1113A		20*,21,22,25,52/03; 16/04	11360	40	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, 15/04	11413	33	19/04*			
1114A		16/04	11361	25	43/03*	11414	34	15,16/04			
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, 15/04	11362	38	20*,22,23,25,27,30,31, 34,48,50,51,52/03;1,3,5, 10,12,13,14,15/04	11415	21	20/03;13,14,15,16/04			
1116A		37*,38,45,46,49,50,51, 52/03;1,2,3,4,5,6,7,10,13, 14,15,16,17,19/04	11363	25	43/03*	11416	35	18/04*			
1117A		28*,30,31,32,34,35,36, 44,45,46,49,50,51/03;5,6,7,10, 15,18/04	11364	25	38/03*;14/04	11417	33	19/04*			
5161	13	48/03*	11365	25	38/03*;14/04	11418	11	21/03			
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	52	41*,49,50,51/03;2,3,5,6, 7,14,19/04	11419	25	15,16/04			
11006	31	47*,49,50/03;3,5,6,13, 16/04	11367	11	49,50/03;19/04	11420	40	15,16/04			
11009	36	19,39,52/03;5/04	11368	40	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, 15/04	11421	36	18/04*			
11013	45	38*,40,50,52/03;16, 19/04	11369	11	49,50/03;19/04	11422	24	22,25/03;11/04			
11300	39	28*,30,31,32,34,35,36, 44,45,46,49,50,51/03;5,6,7,10, 15,18/04	11370	11	11*,12,13,17,19/04	11423	17	24/03*;11/04			
11301	23	16,24,32/03;1,7,17/04	11371	71	11*,12,13,17,19/04	11424	36	40/03;16/04			

## SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS  
NM 15/03 THROUGH NM 19/04

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	12/04	13201	10	N18,N36,N39,N44,N45, N48/03;N6/04	14085	6	49/03;15/04	14263	15	40/03**
12245	62	30°,33,34,49/03;4,7,10, 12,15/04	13203	12	48/03	14088	10	34/03;5/04	14264	4	40/03**
12248	40	44/03*;4,15/04	13204	12	44/03;6/04	14089	29	34/03	14280	37	40/03**
12251	23	15,26,03;12/04	13205	36	23/03;2,17/04	14105	19	47/03	14310	2	40/03**
12252	23	15,17,30,35,45,49/03; 16/04	13209	23	23/03;2,17/04	14110	42	32,44/03;1/04	14319		N19/04**
12253	43	35/03*;2,10,13,15,19/04	13211	13	45/03	14111	7	32,34,42,44/03	14325	13	6/04
12254	44	16/04*	13212	36	18/04*	14115	2	47/03	14328	6	47/03;9/04
12255	15	30,34/03	13213	41	18/04*	14128	6	4/04	14329	5	32,47,49/03;1,9,15/04
12256	14	48/03*;2,12/04	13214	27	2,17/04	14135	2	14/04	14340	25	22,30,49/03;1,9,15/04
12261	28	18,22,48/03	13215	17	6/04	14136	2	1/04	14341	5	34,47,49/03
12263	53	11*,14/04	13216	1	N2/04	14141	17	47/03	14342	20	30,49/03;9/04
12264	28	42,44,48,52/03	13217	14	6/04	14143		N38/03*;N4,N15/04	14344	2	49/03
12266	28	8/04*	13218	38	46,50,52/03;19/04	14144	29	38/03**	14345	5	22,49/03
12270	33	15/04*	13221	54	15*,19/04	14145	2	47/03;15/04	14349	7	42,47/03;5,6/04
12272	29	16,30,33,38/03;7/04	13223	37	16/04*	14146	2	32,49/03;6/04	14353	3	42/03
12273	54	47/03*;7/04	13224	36	27/03;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	13225	33	15,19/04	14156	2	14/04	14355	3	50/03
12277	32	35*,51/03	13226	6	17*,19/04	14167		N6,N14/04	14357		N49/03;N4,N15/04
12278	73	8/04*	13227	13	49/03;19/04	14168		N37/03	14358		N34,N47/03;N1,N5, N15/04
12280	4	52/03*;2,7,9/04	13229	28	12*,13,19/04	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, 16/04	13230	47	15*,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, 17/04	13260	39	36*,39,42,45/03;16/04	14183	15	38/03**	14757		N15/04
12301	21	N17,N39,N44,N48, N49/03;N6/04	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	14188	1	42/03	14769		N13/04**
12311	42	38*,48,51/03;1,10,16/04	13267	31	47/03*;9/04	14189	2	36,42,44/03;4,6,15/04	14773	16	26/03
12312	52	15,24,32,51/03;1,10, 16/04	13269	9	7,9/04	14190	2	37,42/03;14/04	14774	16	15/03
12313	49	35*,43,52/03;8,15/04	13270	60	50/03*;9,15/04	14191		N38/03*	14782	24	47/03
12314	30	25,33,35/03;19/04	13272	48	18/04*	14192		N38/03*;N9/04	14784	19	47/03
12316	30	12*,19/04	13274	25	43/03*;6,15/04	14193		N38/03*;N15/04	14785	17	18/04*
12317	31	19/04	13275	28	45/03*;15/04	14195		N42/03*;N15/04	14786	13	49/03;19/04
12318	41	32,44,43/03;6/04	13276	22	36/03*	14196		N38/03*;N15/04	14803	26	49/03
12323	23	6/04	13278	25	32,39/03	14197		N38/03*;N15/04	14813	21	49/03;19/04
12324	31	15*,19/04	13279	30	20*,32,39/03;17/04	14198		N43/03*	14815	22	43/03
12326	49	35*,49/03	13281	17	17/04	14200	2	38/03**	14816	24	17/04*
12327	97	48*,49/03;17/04	13282	11	21*,39/03	14201	15	38/03**	14820	20	15/04*
12331	30	18,33/03	13283	18	4,6/04	14203	12	42/03**	14824	26	5*,19/04
12332	21	18/03	13285	10	20/03;4/04	14204	21	38/03**	14826	27	49/03;8/04
12333	33	44*,49/03;17/04	13286	29	16/04	14205	7	38/03**	14829	6	15/04*
12334	66	30*,34,36/03	13288	40	29,42,44,45/03	14206	20	43/03**	14830	30	31*,34,47/03;15/04
12335	40	47/03*	13290	35	39*,42,44,49/03	14208	28	38/03**	14832	34	49,51/03
12337	22	18/03	13292	36	16,29,42,44,49/03	14209		N38/03*;N15/04	14833	26	18*,19/04
12338	9	21/03*;19/04	13293	33	27/03	14211		N40/03*	14835	31	7/04
12339	44	50/03*	13296	25	27/03	14212		N38/03*;N11,N15/04	14836	27	10/04
12341	26	36/03*	13301	20	23,42,45/03	14213		N39/03*;N5/04	14837	27	5/04
12343	18	21,27/03	13302	21	32,42,45,52/03;8/04	14214		N39/03*	14839	36	43,49,51/03;5,8/04
12345	10	21/03	13305	28	36,44/03;8/04	14216		N39*,N44/03;N5,N15/04	14841	28	14/04*
12347	29	27,29,35/03	13307	10	23,28,44/03;8/04	14217		N43/03*	14842	13	46*,51/03;10/04
12348	33	27,29,34/03	13309	28	32,52/03;15/04	14218		N40/03*;N6/04	14843	23	18/04*
12350	58	17/04*	13313	19	36/03	14219		N40/03*;N6,N19/04	14844	32	18/04*
12352	30	46/03*	13316	22	28/03*	14220		N39/03*	14845	27	14/04*
12353	18	8/04*	13318	18	21/03	14222	16	40/03**	14846	12	16/04*
12354	40	38/03*;2,17/04	13321	9	20/03*	14223	18	38/03**	14847	30	43,47/03
12363	39	23,27,32,36/03	13324	14	5/04*	14224		N39/03*	14848	56	17,21,22/03;15/04
12364	34	20*,23,25,27,32,36,39/03	13326	12	7/04	14225	17	39/03**	14850	52	2/04*
12365	26	23/03	13394	3	21,42/03	14226	32	39/03**	14852	45	19*,21/03;2,10,15/04
12366	27	20,27/03	13396	4	19,21/03	14227	28	39/03**	14853	14	26/03*;10,15/04
12368	26	24,25/03	14002	57	32,34,36,37,42,49/03; 15/04	14229		N39/03*;N5/04	14854	13	17/03;15/04
12369	25	32,33,36,43/03	14003	6	29,39,48/03;6,16/04	14240	6	43/03**	14864	26	1,8/04
12371	23	27*,52/03;19/04	14007		N38/03*;N14/04	14241	23	39/03**	14866	43	15*,19/04
12372	32	8*,17/04	14008	76	38/03**	14242	13	40/03**	14868	11	41/03*
12373	14	17/04	14010	5	26,32/03;14/04	14243	8	39/03**	14869	14	7,10/04
12378	14	23/03	14014	82	1/04	14244	5	39/03**	14902	28	8,10/04
12401	7	33,41/03	14024	5	22,36,47/03	14245	4	39/03**	14903	23	31/03*;2,7/04
12402	8	34,41/03	14040	65	34,49/03	14246	6	39/03**	14904	26	40/03*;1/04
13000		N21,N26,N29/03	14041	12	34,36,42/03	14247		N39/03*;N5,N6/04	14905	30	45/03*;7/04
13003	47	36*,39,44,45,48,52/03;6, 16,17/04	14042	3	34,42/03	14248		N40/03*	14907	25	10/04
13006	31	36*,39,44,45,48/03;6, 16/04	14043	7	21,26,49/03	14249		N39/03*;N5/04	14909	19	49/03;10/04
13009	30	18,23,36,39,44,45,48/03; 6,16/04	14044	44	47,49/03;1/04	14250		N40/03*	14910	23	17/03*
13200	33	18,36,39,44,45,48/03; 6/04	14046	2	47,49/03;9/04	14251		N40/03*	14911	20	10/04
13201	33	18,36,39,44,45,48/03; 6/04	14062	17	32,36/03;1,5,9/04	14252		N40/03*;N14/04	14912	17	31/03*
13200	33	18,36,39,44,45,48/03; 6/04	14066	19	34,42,47/03;5/04	14253		N40/03*;N9/04	14913	18	31/03*;8,10,15/04
13200	33	18,36,39,44,45,48/03; 6/04	14067	11	14/04	14254		N40/03*	14915	25	28/03*
13201	33	18,36,39,44,45,48/03; 6/04	14068	21	36,47/03;2/04	14259	3	40/03**	14916	10	17/03;1,19/04
13201	33	18,36,39,44,45,48/03; 6/04	14081	21	36,47/03;2/04	14260	47	39/03**	14918	26	17/03;1,19/04

## SECTION I

NM 19/04

**CHARTS AFFECTED BY NOTICE TO MARINERS**  
**NM 15/03 THROUGH NM 19/04**

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.
14919	27	1.7/04	16343	7	1/04	17302	18	49/03	17524		N15,N49/03
14922	19	5/04	16363	12	10/04	17315	23	16,21,25/03	17525		N15,N43/03
14924	27	49/03;2/04	16381	8	25/03	17316	20	25/03	17526		N19/04*
14926	10	32*,47/03;7,8,10/04	16382	10	6/04	17317	20	18/04*	17528		N19/04*
14927	24	47/03;7,8/04	16420	10	46/03*	17318	5	39/03	17543	17	43/03;14/04
14928	21	7,10/04	16423	2	47/03	17320	16	14/04*	17545	13	43/03;12,14/04
14929	24	7/04	16431	7	50/03*	17323	10	22,29,39/03;5/04	17546	22	24,34,35,43/03;14/04
14930	25	15/04*	16432	11	3/04*	17324	13	39/03;5/04	17548	28	16,43/03
14932	23	26/03*;1,5,19/04	16433	8	14/04*	17325	7	29/03	17549	6	15/03;3/04
14933	24	1/04	16442	7	41/03*	17327	21	46/03*	17550	4	43/03;3,6/04
14934	27	17*,26/03;1/04	16463	7	3/04*	17328	7	10/04*	18000	8	21,36,44/03;11/04
14935	21	1,10/04	16474	8	18/04*	17330	8	10*,14/04	18002	6	N21,N36,N44/03;N11/04
14937	24	17/03;10/04	16477	7	18/04*	17331	7	14/04	18003	19	22*,41,43/03;3,6/04
14938	23	1,7/04	16478	10	5/04*	17333	8	3*,14/04	18005	4	N21,N26,N40/03;N4, N10/04
14942	25	1/04	16480	10	34,50/03	17335	6	14/04	18007	31	18,22,24,26,35,41/03;4,5, 6,7,16/04
14961	12	3/04*	16484	7	14/04*	17336	8	14,17/04	18008	7	N18,N22,N24,N26,N35, N37,N41/03;N4,N5,N6, N7,N16/04
14962	20	16/04*	16490	8	6/04*	17337	8	14/04	18009	2	N26,N40/03;N10/04
14964	21	18/04*	16500	9	33/03	17338	13	14/04	18010	20	26,33,40,47/03;4,5,7, 16/04
14965	21	2/04	16501	7	16/04*	17339	11	14/04	18020	37	47/03*:1,4,7,11,19/04
14966	26	15/04*	16511	7	17/04*	17341	8	14/04	18022	34	3*,4,7,11,13,19/04
14970	25	1/04	16514	4	14/04*	17360	33	31*,36/03;13,14/04	18400	44	41*,43,47,49/03;3,8,10, 17/04
14972	25	1/04	16517	6	16/04*	17362	10	14/04	18401	12	34/03
14973	27	15/03*	16520	21	31,33/03	17363	13	14/04	18403	21	20/03
14974	24	5/04	16522	6	16/04*	17365	12	14/04	18405	12	16/03
14975	33	43,49/03;10/04	16528	16	33/03;6/04	17367	11	14/04	18406	5	16/03
14982	9	16/04*	16529	14	33/03;6/04	17368	6	14/04	18409	8	41/03
14983	9	46/03*	16530	6	33/03;6/04	17370	10	3/04*	18411		N16,N20/03
14985	9	41/03*	16535	12	21,31/03	17372	11	48/03*	18412	10	20/03
14986	9	46/03*	16547	9	18/04*	17375	20	50/03;16/04	18413	15	20,22/03
14987	9	3/04*	16549	15	41/03*	17376	6	16/04	18414	9	20/03;3/04
14988	10	41/03*	16553	3	17/03	17377	1	16/04	18415	8	22,32,39,47,50/03;3,9, 10/04
14990	4	6/04*	16561	1	29,35,44/03	17378	14	17/04*	18416	6	22,46/03;17/04
14991	10	8/04*	16566	10	29,44,49/03	17379	1	16/04	18418	6	15/03
14993	12	16/04*	16575	1	1/04	17381	10	16/04	18419	11	46/03;1,9/04
15017	4	10/04	16576	4	47/03*	17382	15	20*,36/03;13,16/04	18420	1	22,47,49,50/03
15043	3	34,47/03	16580	12	9*,18/04	17383	1	16/04	18421	46	50/03*:8,9,17/04
15044	3	34,47/03;1/04	16590	10	1/04	17384	8	15/04*	18423	34	12*,13,17/04
15046	4	47/03;14/04	16591	9	16/04*	17385	14	13,16,18/04	18424	25	45/03
15061	3	50/03	16592	9	16/03;1,18/04	17386	3	16,18/04	18427	22	18/04*
15064	1	50/03	16593	11	1/04	17387	13	16/04	18429	9	22/03
15066	5	32,47/03	16594	13	1/04	17400	16	44/03;14,16/04	18430	8	5*,17/04
15067	2	47,49/03	16595	14	1/04	17401	11	18/04*	18431	6	1/04
15069	4	47/03	16596	12	1/04	17402	10	16/04	18433	5	22,32,36/03;9,17/04
15070	3	49/03	16597	8	1/04	17403	13	16/04	18434	5	2*,13,17/04
15074	1	6/04	16598	9	1/04	17404	12	16/04	18440	27	3*,8/04
15080	1	47/03	16599	6	1/04	17405	14	25,46/03;16,18/04	18441	43	39*,45,47,51/03;6,8, 17/04
15083	6	14/04	16601	10	1/04	17406	7	17/04*	18443	16	16/04*
15160	5	50/03	16603	8	48/03*	17407	15	10/04*	18444	15	34/03;1/04
15163	2	50/03	16604	11	1/04	17408	7	16/04	18445	30	13/04*
15300	N10/04		16605	8	1/04	17409	10	44/03;16/04	18446	16	47*,51/03;8/04
15313	1	15/03	16606	11	21/03;1/04	17412	2	49/03	18447	26	18,47/03
15444	N19/04*		16608	4	46/03*	17413	2	44/03	18448	33	1*,8,13,17/04
15562	N16/03		16640	24	21/03;1,17/04	17420	26	20,36/03;13/04	18449	18	50*,51/03;6/04
15569	N23/03		16645	18	1/04	17422	8	13/04	18450	18	18/04*
15570	N23/03		16646	12	1/04	17423	13	13/04	18452	16	34,38/03
15690	N35/03		16647	3	1/04	17426	13	16,20/03;19/04	18453	24	25,36,38,42/03;6/04
15946	N47/03		16648	4	1/04	17427	7	21,36/03	18455	2	N15,N34,N38/03
16003	16	36,48/03	16660	29	17/04*	17428	7	36,43/03;13/04	18456	15	19*,28,34,38/03;13/04
16004	11	17,48/03	16661	6	17/04	17429	2	N13/04	18459	5	N15,N28,N34,N38/03;
16005	9	36,48/03	16663	7	17/04*	17430	10	36/03;13/04			N13/04
16006	33	32,35,36/03;1,15/04	16665	8	15/04*	17434	11	36,43/03;13/04	18460	11	43/03;3,17/04
16011	35	29,31,32,35,44,50/03; 1/04	16680	10	32,37/03;15/04	17435	16	40,49/03;13/04	18464	23	24*,30/03
16012	21	34,50/03	16683	10	17/04*	17436	6	20/03;19/04	18465	36	18/04*
16013	29	10/04*	16700	28	40*,43,50/03;11,12, 14/04	17437	8	21/03	18471	9	36/03*;8/04
16041	8	48/03	16701	19	37/03*;12/04	17445	2	36/03	18473	7	18,19,34,38,45,47,51/03; 6,8/04
16061	8	17/03	16702	11	37/03*;12/04	17460	N19/04*		18474	8	5*,8/04
16067	7	1/04	16704	13	12/04	17464	4	12/04	18475	1	35/03
16081	6	1/04	16705	19	16,43/03;12/04	17470	N23,N41/03		18476	5	18/04*
16082	6	1/04	16706	10	12/04	17471	N47/03*		18477	5	6/04
16083	6	9/04*	16707	10	16,20/03;5,12,17/04	17472	4	36,41/03	18478	11	18/04*
16085	6	15/04*	16708	25	16,20,50/03;12/04	17480	4	36/03	18479	1	35/03
16086	7	18/04*	16709	22	11,12/04	17482	N41/03		18480	29	43/03;3,6/04
16087	7	5/04*	16710	16	10,12,14/04	17483	N41/03		18484	11	18/04*
16102	5	9/04*	16711	2	12/04	17484	3	41/03	18485	15	29/03;17/04
16124	6	3/04*	16712	1	16/03;12/04	17485	4	41/03	18486	28	22,28/03;14/04
16200	13	36/03	16713	2	12/04	17513	N15/03;N9,N12/04		18487	84	21,28,29,42,47,52/03
16206	7	46,03/5/04	16723	15	6,12/04	17515	7	15,16,36,43/03;12/04	18488	65	19*,35/03;3/04
16220	5	36/03;15/04	16741	10	16/04*	17517	8	15,16,34/03	18489	24	22/03;14/04
16240	10	15/04*	16760	10	28/03;12/04	17518	7	16,18,20,41,47/03;10,	18490	54	5*,8,13,19/04
16300	8	6,9/04	16761	16	28/03		17/04		18491		
16305	9	1/04	16762	9	12,14/04	17519	13	16/03	18492		
16315	10	1/04	17003	4	24,35,36/03;6/04	17520	2	N16,N34/03	18493		
16322	7	46,03/1/04	17005	10	24,34,35,43/03;6/04	17521	N15/03		18494		
16323	9	3/04*	17008	12	36/03	17522	N15/03		18495		
16338	4	17/04*	17300	30	21,39/03	17523	N19/04*		18496		

## SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS  
NM 15/03 THROUGH NM 19/04

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.
18524	33	24,29,47,52/03;8,13, 19/04	18774	10	16,49/03;4,11,13,14, 19/04	22102	19	17/03	22421	4	N23,N25,N26,N27/03; N4/04
18525	33	29,52/03;6,8,13,19/04	18775	2	N1,N16/04	22109	3	17/03	22423	3	N25,N27/03
18526	56	15*,17,19/04	19002	9	N16,N23,N29,N46/03; N6,N8,N12,N16/04	22111	4	17/03	22424		N27/03
18527	21	48/03	19004	37	18/04*	22112	3	17,37/03;5,10/04	22427	1	N23,N25,N26,N40/03; N9/04
18528	10	18/03	19007	16	16,23,29,30,46/03;12,16, 19/04	22113	8	17/03;5,10/04	22429		N17,N19,N27/03
18531	21	15*,19/04	19008	4	16,23,29,46/03;10,12,16, 19/04	22117	3	37/03;5/04	22430	6	19/03
18532	20	52/03				22120	3	29,32/03;7/04	22433	3	35/03
18543	2	15/04*				22121	9	29,32,47,51/03;18/04	22434	2	35/03
18545	15	50/03*				22124	2	29,32/03	22440	1	19/03
18546	10	19/04*	19009	4	16,23,29,46/03;10,12,16, 19/04	22130	2	17,29,32,38/03;2,7/04	22471	31	2,6,8/04
18551	8	18/04*				22138	3	11/04*	22481	35	19/03;2/04
18556	25	17/04*	19010	18	18*,19/04	22140	2	25,47/03;7/04	22482	16	23/03;9/04
18558	37	48/03;1/04	19013	17	18/04*	22142	2	25,40,47/03;7/04	22492	3	34/03
18561	12	12/04*	19016	10	3*,19/04	22143	4	26*,29/03;11/04	22521	3	17,34/03
18580	21	51/03;17/04	19019	9	28/03*	22145	2	N25/03	22523	3	17,34/03
18581	17	36,50,51/03;14/04	19320	16	16,23/03;6,8,12/04	22160	2	25/03;7/04	22529	3	17,35/03
18583	38	43/03	19322	8	14/04*	22172	8	29/03;11/04	22531	2	17,35/03
18584	47	30,48,52/03;1,13/04	19324	22	23/03;13/04	22173	36	17,29/03;11,17/04	23000	5	51/03
18587	68	21,27,36,52/03;1,8,14, 19/04	19327	10	23,43/03	22180	2	32/03	23020	4	22/03
18588	37	22*,36/03	19329	8	10/04*	22181	17	10*,17/04	23030	6	21,22,37,42/03;14/04
18589	15	44/03	19330	10	14/04*	22182	7	10*,11/04	23121	7	17,20/03;19/04
18600	14	44,47/03;5,16/04	19331	7	23,43/03	22183	4	52/03*	23123	3	19/04
18601	13	1/04	19339	1	N30,N47/03;N8,N10/04	22190	2	29/03	23124	3	N17,N20/03;N19/04
18602	12	26*,47/03;1,14/04	19340	26	29,30,36,47/03;8,10, 13/04	22205	2	18/03	23125	4	17/03;19/04
18603	16	5,16/04				22221	20	31,34/03;1/04	23131	7	22/03
18620	23	4,7/04				22222	1	31/03;1/04	23141	7	22,37/03
18622	52	21,25,27,35/03	19347	17	29/03	22225	2	18,40/03	23142	10	37,47/03
18623	11	4,7/04	19348	8	15/04*	22233	29	18,25,37/03	23145	3	37,51/03;14/04
18640	24	26,38,42/03;4/04	19353	12	27/03;6/04	22234	1	1/04	23153	8	49/03
18643	17	26*,33,41,43/03;19/04	19357	22	30,36,47,50/03;10,13/04	22250	2	18/03;4/04	24004	36	41,42,46/03
18645	24	33,38/03;5/04	19359	11	8/04*	22251	11	28/03	24016	53	13/04
18649	63	48*,50/03;2,5,11,16, 19/04	19361	8	5/04*	22252	18	2/04	24024	46	18,25/03
18650	52	47/03*;11,19/04	19362	12	10,13,14/04	22259	4	20,24/03;2/04	24050	11	20,31,32,33,51,52/03;6, 14/04
18651	42	15*,48/03;16/04	19366	36	50/03;10,13,14/04	22262	3	13/04	24052	15	19,21,30,42,44,50/03
18652	32	36*,40,43,46,48,49/03;5, 11,16,19/04	19367	37	50/03	22263	1	26,37/03;4/04	24053	16	19/03
18653	9	21,43,50/03;16/04	19368	5	36/03;10,14/04	22264	2	18,20,24,26,37,41/03	24055	6	19,21,42,50,51,52/03; 6/04
18654	42	16,35,46,48/03;5/04	19380	15	8*,12,16/04	22282	17	4,14/04	24057	4	20,30,33,42,52/03;4,6/04
18655	58	16/03	19381	8	26/03;7,12,16/04	22283	3	N14/04**	24058	2	19,22,28,29,30,42,44/03;
18656	53	19*,21,33,40,43,48/03; 11/04	19382	15	26/03	22284	7	N5/04**			7,9/04
18657	18	21,40/03	19385	8	3*,16/04	22285	1	14/04*	24060	2	17,32/03
18658	30	17/04*	19387	9	N46/03;N12/04	22286	1	5*,13/04	24080	5	17/03
18659	14	16,21,43,48/03	19441	7	28/03*	22290	4	18,30/03	24091	6	21,46/03
18660	2	29*,43,49/03	19442	5	26/03	22293	15	18,26,37,38/03	24100	5	46/03
18661	27	17*,16,43,49/03;13, 17/04	19480	7	6/04	22294	15	16/04	24103	3	10/04
18662	20	43,44/03	19482	9	6/04	22305	2	18,24,30,34/03	24110	3	35/03
18663	5	43/03;17/04	21005	5	15/04	22311	19	13/04	24133	6	31/03
18666	1	21,33,48/03	21008	62	36/03	22312	2	30/03;9/04	24140	18	41,42,46/03;6,7,11/04
18680	30	33,35,38,40/03;19/04	21033	46	16/03;1/04	22313	2	18,38,40/03;13/04	24142	43	7,11/04
18682	14	10/04*	21036	7	16/03;1/04	22314	1	40/03	24149	1	52/03
18685	32	36*,46/03;17,19/04	21125	13	36/03	22322	11	33/03**	24150	27	41,47/03;6,7/04
18700	22	40/03*;13/04	21140	1	27,36/03;7,19/04	22335	4	19,52/03	24151	4	41/03;6,7/04
18703	25	40/03*;7,13/04	21160	1	15/04	22341	9	21,29,52/03;2/04	24152	2	41,47/03;6/04
18720	31	25/03;11/04	21180	1	15/04	22342	9	21,29/03	24153	6	39,47/03;6/04
18721	11	39/03	21384	4	11/04*	22343	1	N21,N41,N52/03;N2/04	24155	6	46,49/03
18724	1	22*,25/03;15/04	21441	27	15/04	22344	6	N23*,N52/03	24160	21	47/03;10,15/04
18725	27	32/03*;19/04	21478	3	16/03	22345	11	24/03	24161	11	28,32,39,40,47/03;10/04
18740	40	46*,49/03;1,5,7,14,19/04	21482	1	36,46/03	22347	6	N23/03*	24162	9	28,32,39,40,42,47,52/03;
18741	18	N27,N38/03;N1,N7,N14, N19/04	21510	1	16/03	22351	1	N35,N41,N52/03;N2/04			10/04
18744	30	35/03	21520	1	29/03	22352	6	19,24,35,52/03;1,2/04	24164	6	39,41,47/03
18746	35	11*,19/04	21521	14	29/03	22360	2	19,52/03;2/04	24170	14	35/03;9/04
18749	38	16,21,26,28,31,39,41,49, 50/03;5,7/04	21525	19	38/03	22361	2	N30,N32,N33,N34, N52/03;N2/04	24171	19	37,52/03;16/04
18751	42	16,21,26,28,31,39,46,49, 50/03;5,7,19/04	21543	13	9/04	22370	2	15,19,26,30,33,34/03; 2/04	24180	15	40/03
18754	17	39*,43/03	21580	40	52/03	22371	5	30,32,33,52/03;2,4/04	24200	14	9,13/04
18756	8	14/04*	21581	5	41/03	22373	1	N24,N30,N32,N33, N34/03;N3/04	24201	5	49/03;9/04
18757	10	41/03;5,04	21582	3	16/04	22375	1	N15,N26,N37/03	24202	6	31,35,46/03
18758	6	16,33,49/03;4,11,13/04	21584	2	41/03	22377	1	N2,N4/04	24203	36	49/03
18760	6	N25,N35,N36,N44/03; N1,N7,N11,N19/04	21601	4	31/03	22379	1	N30,N32/03	24220	14	39/03
18761	2	N1,N16/04	21602	1	18/04	22395	2	15,19,22,26,30/03	24222	3	39/03
18762	15	1,16/04	21603	9	31,36/03;11/04	22401	4	N23*,N30/03	24223	33	39/03
18763	10	18/04*	21604	25	4/04	22407	1	N18,N30/03	24224	1	15/04*
18765	15	27,46/03;7,14,16,19/04	21605	7	31/03	22408	1	N21/03	24230	20	52/03;9/04
18766	7	27,36/03;7,19/04	22004	38	16,29/03;2,7/04	22409	4	N17,N22/03	24233	15	9/04
18768	4	N27,N36,N38/03;N7, N19/04	22008	35	17,29,32,38,47/03;7/04	22410	32	19,23,40/03	24240	5	39,46,52/03
18769	2	N1/04	22009	2	17/03	22412	2	2,4/04	24250	5	39/03;13/04
18772	47	21*,48/03	22084	4	35,37/03;15/04	22413	2	N22/03	24251	23	39/03
18773	39	40*,41/03;4,14/04	22082	4	25,38/03	22415	8	2,4/04	24252	5	39/03
18773	39	40*,41/03;4,14/04	22101	19	37/03	22417	1	N25/03;N1/04	24270	3	17,29/03
18773	39	40*,41/03;4,14/04				22418	2	19/03	24271	14	17,29/03
18773	39	40*,41/03;4,14/04				22420	2	15,19,30,40/03	24274	2	17,29/03
18773	39	40*,41/03;4,14/04							24293	6	37,42,46/03
18773	39	40*,41/03;4,14/04							24294	22	37,46/03

**CHARTS AFFECTED BY NOTICE TO MARINERS**  
**NM 15/03 THROUGH NM 19/04**

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.
24320	4	17/03	25679	10	20/03*;11,15/04	35060	14	49/03	37162	12	21,26,27,30,32,33,35,37, 39,40,41,43,45,46/03;
24322	6	17/03	25681	16	28*,34,39/03;15/04	35080	16	49/03	37163	19	7/04
24350	2	18/03	25683	18	32*,34,39,52/03	35081	15	22,27/03	37164	4	32,43/03;11,12/04
24355	2	25,37/03	25685	9	22*,52/03	35082	7	22,27/03	37165	2	23,26,27,30,32,35,37,43,
24360	1	25/03	25687	12	30/03*	35083	8	20/03	37166	2	46/03;7/04
24370	1	48/03;1/04	25700	3	15/03	35086	5	22/03	37170	11	15,21,23,26,27,28,30,32,
24375	2	38/03	25848	25	15/03;11/04	35100	14	30/03	37175	2	34,35,37,39,43,45,50,
24376	1	38/03	26050	1	26,47/03	35101	6	16/04	37180	20	52/03;1,5,7,8,11,15/04
24380	2	48/03;1/04	26060	1	42/03	35120	13	30/03;16/04	37182	14	19,21,26,27,30,32,33,34,
24404	8	11/04	26068	11	18,50/03	35155	3	25/03	37183	9	35,37,39,40,41,43,45,46,
24430	5	31,52/03	26081	8	16,42,43/03;16/04	35200	7	25/03	37200	15	51/03;7,11,12/04
24431	14	31,52/03	26083	14	19/04	35301	6	17/03	37202	2	19,46/03
24433	3	52/03	26100	4	31/03	35302	7	17/03	37205	2	27,30,45,46,51/03
24434	4	52/03	26122	30	22/03*	35303	7	17/03	37221	13	27,31,35,49/03;12/04
24450	3	26,47/03;6/04	26125	3	41/03	35363	1	12/04	37222	13	22,23,30,40/03;15/04
24453	5	26/03	26127	21	11/04	35365	1	12/04	37223	14	52/03;5,8,11,16,18,19/04
24454	5	26/03	26129	11	41/03	35380	8	12/04	37224	11	21,22,30,46,52/03;16/04
24460	4	15,29,32,47/03	26130	20	11/04	35390	2	12/04	37226	17	43/03;7,11,16/04
24461	4	16,38,47/03	26147	31	19/04	35400	11	18/04	37228	14	22,27/03
24462	5	16,29/03	26186	17	14/04	35420	13	12,18/04	37230	9	24/03
24463	6	15,25,26,38/03;13/04	26188	11	15/04	35424	3	18/04	37231	18	28,30,35/03;15/04
24465	6	38/03	26218	2	31/03	36005	2	17,24,25,27,31,43,44/03;	37232	12	21,26,27,30,32,34,35,39,
24470	4	13/04	26219	5	31/03			13/04	37233	14	43/03;7,11,16/04
24480	1	24,27,42,48/03	26220	6	11/04	36010	27	15,16,20,23,43/03	37244	11	22,23,30,37/03;16/04
24482	2	31/03	26229	11	31/03;9/04	36015	2	27,44/03;13/04	37246	14	17,21,23,51/03
24484	3	31/03	26230	12	31/03;9/04	36040	16	15,03/6/04	37248	13	23,27,29,30/03
24490	3	25,27/03	26245	16	15/03	36060	17	20,21/03;2,17/04	37250	14	28/03
24491	3	27/03	26282	6	22,23,34/03	36061	5	20/03	37251	12	29,31/03
24500	1	7/04*	26290	1	21/03**	36120	9	16,23,27/03;17/04	37253	13	31/03;5/4/04
24501	3	27/03	26295	1	21*,22,34/03	36123	25	16/03	37258	6	17,21,30,33,37,40,41,
24502	6	27,34,47/03	26300	7	21/03*	36124	18	16/03	37261	17	45/03;7/04
24504	7	42,48/03	26308	5	21*,22,23,34/03	36125	7	30/03	37264	10	26,30,32,35,39,43/03;
24508	3	22/03*	26309	27	11/04*	36140	12	27/03;13/04	37265	11	11/04
24509	2	15,25,34,42/03;12/04	26310	1	N48/03*	36143	4	30/43/03	37268	15	27,30,32,37/03
24510	2	42/03	26312	2	21/03	36161	10	18/03	37274	11	21,26,27,30,32,33,35,
24511	2	24,42,48/03	26316	3	21/03	36162	10	18/03	37276	14	35,39,43,45,46/03;7/04
24512	3	24,25,38,42/03	26320	5	22,23,25,31,40/03;19/04	36163	13	18/03	37278	12	22,23,26,27,30,32,33,35,
24513	18	38,42/03	26327	2	N17/03	36164	7	15/03	37281	15	31/03
24517	2	25,40,42/03	27005	4	22,23,34/03;19/04	36165	6	27,30,43/03	37283	15	17/03;5/4/04
25001	7	15,52/03	27042	21	41,42/03;10/04	36180	23	27,44/03;13/04	37284	7	17,21,30,33,37,40,41,
25017	5	15,25,31,34,39,52/03;	27060	2	22,23,34/03	36181	18	13/04	37285	4	45/03;7/04
25018	9	15,25,31,34,39,52/03	27080	4	15,22,39,52/03	36182	6	27/03;13/04	37291	17	26,27,30,32,33,35,37,39,
25400	1	8,11/04	27081	6	19/04	37000	22	23,43/03	37294	11	43,45/03;7/04
25480	1	52/03;8/04	27082	6	19/04	37005	16	15,23,28,29,30,50,51/03;	37296	14	21,24,27,30,32,33,35,39,
25481	25	8/04	27100	2	21/03	37010	23	15,19,23,27,28,29,30,43,	37298	4	40,43,45,46/03;1,11/04
25483	20	8/04	27102	11	28/03	37025	26	24,25,27,31,33,34,36,38,	37300	3	21,22,32,33,38,39/03;12,
25485	45	36/03;10/04	27120	4	16/04	37026	41,43/03;3,4,10,11,15/04	37302	18	40,43,45,46/03;7,12/04	
25487	2	36/03;10/04	27122	5	19/04	37032	2	25,31,38,42,43,45/03;3,4,	37304	10	22/03
25524	43	20,24,26,32/03	27160	2	35/03	37063	21	43/03	37306	3	29,31/03
25525	17	26/03	27206	18	9/04	37073	2	33/03;15,17/04	37308	15	15,22,32,33,38,39/03;12,
25526	2	24,32/03	28004	1	22/03	37074	2	33,41/03;10,15,P18/04	37310	8	41,43/03;12/04
25527	31	24,32/03	28050	3	26,42,47/03	37075	3	18,43/03;12/04	37312	2	15,18/03
25550	2	21/03	28084	4	17/03**	37078	3	15,18,20,21,22/03;12/04	37314	2	15,18,21,36/03
25563	50	18,21/03	28154	2	38/03	37094	17	43,46/03;12/04	37316	6	15,21,24/03
25566	27	18,30/03	28165	19	6/04	37095	9	17/03;12/04	37318	2	17,32/03
25567	16	21/03	28167	4	16/04	37096	3	18,43,46/03;12/04	37320	15	15,22/03
25570	3	16/03	28168	22	16/04	37097	9,15/04		37322	16	15,17,21,24,36,38,44/03;
25575	4	35,39/03;14,15,18/04	28190	2	18/03;16/04	37098	3	18,43/03;12/04	37324	8	7,12/04
25600	47	25,27/03;1/04	28196	4	18/03;16/04	37099	8	16,22/03;12/04	37325	8	15,18/03
25607	4	48/03	28197	4	18/03;16/04	37105	9	15,16,20,22,32,39/03	37326	2	15,18,21,36/03
25608	21	16,26,34,38/03;1/04	28221	18	16/04	37106	4	32/03	37328	2	15,21,24/03
25609	5	1/04	28260	30	16/04	37110	11	20,25,31,32,39/03;12/04	37330	3	15,22,32,33,38,39/03;12,
25610	8	2/04	28263	3	16/04	37115	2	25,31,32,39/03;12/04	37332	8	13/04
25611	22	1/04	28300	1	16/04	37116	2	21,23,24,25,26,27,30,32,	37334	3	17,32/03
25613	2	25,27,47/03;8,13/04	28302	16	7/04	37120	2	21,23,24,25,26,27,30,32,	37336	8	17,32/03
25640	40	15,25,31,34,39,52/03	28310	2	7/04	37121	11	25/03;12/04	37338	2	17,21,38,39,41,43/03;7,
25641	27	15/04*	29002	9	18,29/03	37122	12	19,31,44,45/03;12/04	37340	10	11,12,13,19/04
25644	13	20/03*	29012	8	7/04	37123	9	20/03	37401	9	47/03;1,7,9,11,19/04
25645	17	15/04	29015	5	16/03;7/04	37125	15	20/03	37401	9	16,22,31,36,43,44,47/03;
25647	10	16/04	29040	3	39,48/03;7,14/04	37127	11	20/03	37402	7	1/04
25649	19	44/03*	29101	6	7,8,13/04	37129	6	20,23,24,30,42,45/03;12/04	37403	23	41/03
25650	33	25,30,31,39/03;15/04	29105	5	49,50/03;8,11/04	37134	5	45/03	37420	1	41/03;9/04
25653	13	14/04	29107	2	29,36/03	37136	6	30/03	37421	8	21,41/03
25654	13	14/04	29121	5	8,12,13/04	37137	6	30/03	37423	5	21,41/03
25655	11	14/04	29127	4	29,39,42/03	37140	33	16,24,25,30,32,42,43,44,	37443	2	38,45/03;7/04
25659	9	20/03*	29141	3	29,39/03	37141	29	17,19,24,27,31,45/03	37445	1	34,38/03
25663	27	17,30,39/03	35002	N19/04*		37142	15	16,17,19,25/03;12/04	37446	2	34/03
25664	15	17,30,39/03	35003	N19/04*		37143	7	27,51/03;12/04	37447	5	20,25,36,50/03;3,15/04
25666	17	17/03;11/04	35004	N19/04*		37144	6	45/03;12/04	37448	7	30/03;17/04
25667	20	15/03	35008	21	25,27/03	37145	16	17,19,24,27,31,45/03	37450	3	20,33/03
25668	18	34/03	35009	19	49/03	37146	8	19,26,27,32,33,35,37,39,	37451	6	33,41/03;15/04
25670	42	2*,14/04	35011	2	25/03	37147					

## SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS  
NM 15/03 THROUGH NM 19/04

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.
38528	4	N20/03	43248	3	44,46,47/03;14/04	44064	19	22,28/03;1,6,15/04	44286	1	27,40,47/03;11/04
38580	8	18/03	43249	2	10/04	44065	7	16,17/03;6,19/04	44310	5	37,50/03;19/04
38585	4	18/03	43252	1	44,46/03;14/04	44066	10	31/03;6/04	44313	1	36,37,39,40/03;11,19/04
38607	2	1,14/04	43260	4	46,47/03;10/04	44067	22	16,17,28/03;6,9,14,15/04	44319	2	P20,26,27,28/03;2,19/04
38610	1	1,13/04	43261	5	46/03	44068	11	40,51/03;9/04	44320	4	15,P20,25,26,37,49,50, 51/03;2,12,19/04
38641	4	3,13/04	43262	5	46/03	44069	16	17,22,23,40/03;9,14, 15/04	44321	6	44,45/03;19/04
38650	1	3,12,13/04	43263	7	37,44,46/03;1/04	44070	7	28/03	44340	11	15,17,P20,26,33,37,49, 50,52/03;2,6,7,11,12,18, 19/04
38670	2	1,13/04	43264	2	46/03	44071	4	29/03	44341	7	P20,26,52/03;18,19/04
38682	3	13/04	43265	2	37,46,47/03	44072	4	40/03	44342	8	52/03;18/04
38683	3	13/04	43266	1	47/03;10/04	44075	4	23,40/03	44352	2	15,17,19,49/03;2,7/04
38690	2	13/04	43280	5	37,40,47/03	44076	3	22,28,30,32/03;14/04	44360	9	20,27,28,30,31,32,37,39, 44,52/03;2,11/04
41000	2	15/03	43281	6	27,37,44,46,47/03;1/04	44081	9	46,48/03;9,14,15,16/04	44361	6	15,21,26,27,28,35,52/03; 4,6,15,17/04
41060	3	52/03	43283	6	27,37,40,43,47/03;1/04	44082	11	33/03;17/04	44365	1	26,27,43,52/03;4,11,13, 15/04
41100	2	N46,N52/03	43284	4	40,43/03;1/04	44083	8	24,25,26/03	44366	1	44,52/03
42003		N23/03**	43285	5	44,49,51/03	44084	1	26/03	44367	2	39/03;13/04
42004	1	N23/03*N13,N16/04	43287	2	27,37/03;1/04	44085	2	51/03	44400	4	15,17,19,23,24,25,27,34, 41,49,50,51/03;7,12,16, 18,19/04
42036	2	43/03	43300	5	49,51/03;10/04	44100	7	22,31,40,41,46,48,49, 51/03;6,9,14,15,16,17/04	44401	7	19,24,41,49/03;6,12/04
42038	2	43/03;16/04	43301	4	49/03	44105	2	24,26,27,41,47,48,52/03; 3/04	44410	4	15,23,24,26,27,41,45,49, 50/03;2,3,9,16,18/04
42040	3	16/04	43302	4	10,14,15/04	44120	7	15,19,20,22,23,24,27,33, 39,40,41,45,48,49/03;1,3, 9,14,17/04	44420	6	17,22,25,27,40,44,49/03; 5,8,9,11/04
42046	3	16/04	43303	4	43/03;14/04	44140	8	19,21,23,24,26,31,40,44, 47,50/03;9/04	44430	2	19,24,25,40,44,47,52/03
42052	2	16/04	43304	2	43/03;10,14,15/04	44160	7	15,20,26,31,41,47,48, 49/03;2,5,9,11,13,19/04	44444	6	30,34,35,36,38,41,52/03; 7,13/04
42141	3	6,12/04	43320	5	49/03;15,17/04	44161	2	21,35,39,41,48,49,50/03; 3,8,9,16/04	44461	10	24,25,26,28,31,36,47, 50/03
42160	3	38/03;12/04	43321	6	15,16,17/04	44165	1	20,22,24,34,39,45,48/03; 2,9,11,12,15,18/04	44462	4	27,39/03
42301	3	38,52/03;15/04	43323	4	27,49/03;15,17/04	44178	2	16,26,27/03;2,16,18/04	44463	9	24/03
42560	5	31,38,40/03	43324	4	27,49/03;15/04	44179	2	16,35,39,51,52/03;3,8,14, 18/04	44465	2	25,47/03
42580	5	40/03	43340	13	49/03;15/04	44180	6	20,26,43,48,50/03;2,3,6, 8,11,12,14/04	44481	2	24,26,31,50/03;17/04
42600	5	30,40/03	43341	7	49/03	44181	5	20,21,27,48,52/03;2,8,9, 11,12,14/04	51002	7	4/04
42620	5	38/03	43342	7	26,49/03	44182	4	15,18,27,42,43,46,48, 49/03;1,2,6,8,12,15, 18/04	51007	22	27,33,40/03;9,10,14/04
42640	6	38,40/03	43344	3	39/03	44183	6	19,20,25,27,35,39,43,46, 49/03;2,13,14,15/04	51013	4	21,33,36,45/03;14,19/04
42660	5	38/03	43356	2	14/04	44184	9	20,22,32,48,52/03;8, 11/04	51017	31	24,40,44/03
42740	5	25,31,40/03	43360	21	17,20,21,28,30,32,43, 52/03;5,7,11,14,16,17/04	44185	7	27,32,48,50/03;9,11,14, 18/04	51022	11	44/03
42742	3	30/03;11,13/04				44186	2	15,16,25,27,29,49/03;1,3, 11,12,16/04	51027	8	45/03
42760	5	19,24,25,47,52/03;2,11, 13/04	43362	5	44/03	44187	2	25,27,39,44,48,50,52/03; 2,6/04	51032	10	45/03
42762	3	N25,N30,N47,N52/03; N11,N13/04	43363	5	17/04	44192	1	18,23,39,43,44,48/03;1,2, 5,8,9,11,14,15/04	51061	14	15,17,19,21,22/03/4/04
42765	3	47,50/03;2/04	43368	5	43,48/03;14,17/04	44193	1	15,18,43,48,50/03;5,6,9, 12,14,15/04	51062	28	15,17,19,22/03
43000	4	16/04	43369	6	43,48,50/03;14,17/04	44200	9	22,27,37,43,47,50/03; 12/04	51064	2	17/03
43030	24	15,17,22,27,28,30,32,46, 48/03;1,3,6,8,9,14,15,16, 17,19/04	43370	7	47/03;12,14/04	44203	1	15,25,52/03;2,8,12,15/04	51081	10	15,17,21,22,45/03;6, 19/04
43040	6	38,47/03;2,16/04	43371	13	38,43/03;10,12,14/04	44204	1	27,50/03;9/04	51082	7	15,17,21,22,45/03;19/04
43041	2	16/04	43372	4	10,12,14/04	44205	2	15,19,22,26,27,29,31,39, 43/03;11/04	51100	7	27,33,34,41/03;10,P18, 19/04
43058	3	20/03;16/04	43373	8	17,20,40,42,49,50,52/03; 8,9,14/04	44206	1	16,17,19,24,28,40,46/03; 6,11/04	51103	10	17/04
43059	3	20/03;16/04	43374	1	43/03;10,14,17/04	44207	1	17,19,23,28,40,41,45,46, 50/03/9/04	51104	1	17/04
43060	4	27/03;16/04	43375	7	16,18,23,24,44,50,51/03; 5,11/04	44208	1	18,22,32,48,52/03;8, 11/04	51109	5	5,12/04
43062	2	16/04	43376	5	14/04	44209	1	15,25,52/03;2,8,12,15/04	51120	6	4/04
43063	2	16/04	43377	2	47/03;14/04	44213	1	15,18,43,48,50/03;5,6,9, 12,14,15/04	51135	1	22,46/03;4,5/04
43064	2	16/04	43378	2	38/03;14/04	44214	4	25,27,39,44,48,50,52/03; 2,6/04	51142	2	15,22,33,40,45/03/
43080	4	44/03;16/04	43382	2	48/03;14/04	44215	3	15,46/03;9/04	51143	4	40,45/03;9/04
43081	4	16/04	43384	1	15,16,17,18,23,25,26,27, 32,44/03;2,5,9,11/04	44216	2	22,23,24,48,50/03;9/04	51144	3	15,46/03;9/04
43082	5	47/03	43385	1	20,23,24,26,42,46,49, 51/03;8,11,12,19/04	44217	2	15,16,25,27,29,49/03;1,3, 11,12,16/04	51145	2	22/03
43083	4	16/04	43386	2	47/03	44218	2	15,16,25,27,29,49/03;1,3, 11,12,16/04	51146	3	36/03
43084	3	16/04	43387	2	48/03;14/04	44219	1	15,18,39,43,44,48/03;1,2, 5,8,9,11,14,15/04	51150	1	15,22,33,40,46/03;9, 12/04
43106	6	44/03;7,10/04	44000	16	44/03;19/04	44220	9	22,27,37,43,47,50/03; 12/04	51154	3	15/03;6,9/04
43107	1	7/04	44001	2	P20,23,26,50/03;8,9,11, 18,19/04	44221	1	19,21,52/03;3,11/04	51155	1	15,22/03;12/04
43120	4	5,7/04	44015	8	24,26,44,47,50/03;1,8, 9,11,18,19/04	44222	1	21,24,48/03;11,12,15/04	51159	3	39/03
43122	3	7/04	44030	7	19,48,50/03;13/04	44223	1	20,21,24,42/03;11,12,15/04	51160	20	15,21,22,45/03;12,14,04
43123	3	7/04	44036	5	16,17,20,23,28,30,32, 52/03;5,16/04	44224	1	20,21,24,42/03;3,19/04	51163	4	43/03;12,19/04
43124	5	3,5,7,10/04	44037	5	16,22,52/03/03	44225	1	15,18,21,22,27,45,49, 51/03/12/04	51164	18	43/03,5,14/04
43125	7	44/03;7,10/04	44038	5	46/03;18/04	44226	7	21,48,52/03;5,13,16, 17/04	51165	8	16,39/03;5,8/04
43126	4	5,7/04	44040	23	16,17,20,22,23,24,28,30, 32,44,52/03;1,5,6,16, 19/04	44227	1	20,21,23,28,40,41,45,46, 50/03/9/04	51166	3	N39/03
43127	5	20/03;1,3/04	44041	7	16,20,23,28,52/03;3,8,9, 13/04	44228	1	20,21,24,42/03;3,19/04	51167	6	16/03;5,8,14/04
43140	4	43,38/03;1,5/04	44042	7	17,19,20,25,27,28,29, 32/03;9,12,13,15/04	44229	8	15,16,19,21,25,39/03; 3/04	51168	2	45/03;14/04
43141	5	5/04	44043	8	16,52/03;9,16/04	44230	2	17,19,21,22,27,45,49, 51/03/12/04	51180	5	16/03
43144	4	43/03	44044	6	16,44/03;9,16/04	44231	1	21,24,48/03;11,12,15/04	51220	8	18,43,45,46/03
43146	2	34,35,44/03	44045	6	22,44/03;5,16/04	44232	1	21,24,48/03;11,12,15/04	51222	6	16/03
43147	3	35,38/03	44046	10	22,24/03;1,6,19/04	44233	1	20,21,24,42/03;3,19/04	51223	2	17,18/03
43148	4	43/03	44047	22	22,24,30,31,32,40,48/03;	44234	1	20,21,24,42/03;3,19/04	51240	2	43,46/03
43150	2	N34,N35,N38,N41/03				44235	1	20,21,24,42/03;3,19/04	51260	4	16,18,28,43,44,52/03
43160	6	34,35,36,38,41/03	44048	11	18,22,25,27,31,40,48/03;	44236	2	20,21,24,42/03;3,19/04	51261	23	15,19,40,46/03;12/04
43161	2	35,41/03	44049	9	9,13,16/04	44237	1	19,21,22,34,44,47,50/03;	51263	23	17

**CHARTS AFFECTED BY NOTICE TO MARINERS**  
**NM 15/03 THROUGH NM 19/04**

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.
51420	5	42/03	53122	3	16/03	54365	6	21/03	55190	2	20,27,39,40,51,52/03;2,3, 6,9,15/04
51440	4	42/03	53123	3	29/03	54368	4	50/03	55200	2	20,25,26,27,28,32,33,36, 39,42,45,46,47,50,52/03;
51500	6	20/03	53130	1	18/03	54369	4	20,21,34,50/03;2/04	56011	1	50,52/03;10/04
51540	3	22,45/03	53133	4	33*,45/03	54380	6	16,18,28,34/03;17/04	56031	1	17,21/03
51560	11	50/03	53147	3	17,20,35/03	54382	9	16,28,40/03;15/04	56041	4	21/03
51562	10	50/03	53149	2	11/04	54386	10	16,18/03	56060	9	27*,38/03;18/04
51580	13	41/03	53161	8	18/03	54387	7	16,18,30,39,42/03	56063	1	16/03
51600	12	20,39/03	53162	7	15/03	54400	8	16,22,30,36,37/03;13,14, 19/04	56064	6	16/03;8,18/04
51620	10	20,39/03	53166	1	6/04	54403	4	24,30,36/03;19/04	56065	3	16,38/03;8,18/04
51621	9	20/03	53180	10	15,18,20,21,29/03;11/04	54407	4	16,30,37,49/03;13,14/04	56067	3	20,38/03;8,10/04
51641	4	32,34,40/03	53181	4	21/03	54409	2	13/04	56081	19	5/04
52031	1	21,48,49/03;7,10,13/04	53182	4	15,16/03	54413	3	37/03	56082	16	29/03
52039	4	18,21,45/03	53183	13	20/03	54416	5	33,37/03	56100	14	33/03*
52040	17	16,18,34/03;13/04	53184	5	18,20/03	54417	1	30/03*	56101	6	5/04
52042	6	22/03*	53200	6	15,16,20,30/03;4,11, 12/04	54418	4	16,30,37,49/03	56102	23	5/04
52043	21	48,50,52/03;1/04	53201	6	18,21,38/03	54421	6	36,41,43,46,49/03	56103	6	33/03;5/04
52046	21	16,18,21/03;12,13,19/04	53202	6	15,17/03	54422	4	46/03	56104	3	22/03*,5/04
52047	11	34/03	53204	10	1/04	54423	5	17/03	56105	1	38/03*
52051	1	16/04	53205	3	26/03	54430	1	36,43/03;2,14/04	57000	10	43/03
52052	1	16/04	53206	6	25/03	54440	4	17,38/03;13/04	57035	10	23/03;4/04
52060	16	P20,26,29,34/03;6/04	53220	6	16/03;4,10,12/04	54462	5	17,51/03;4/04	57060	7	43/03
52061	2	20,P20,26,29,34/03;6/04	53226	3	17,18,35/03;12/04	54463	5	1/04	57103	2	16/03
52062	7	23,29,34/03;1,6,7/04	53262	8	1/04*	54464	5	17,03/15/04	57170	1	52/03
52066	3	16/03	53263	1	17/03	54480	8	17,21/03;7,13/04	57200	6	52/03
52080	14	20,P20,26,48,49/03;5, 7/04	53265	6	15,16/03	55001	4	15,28,29,33,35,36,39,43, 44,52/03;6/04	57201	5	52/03
52082	3	20,P20,26/03	53266	4	17/03	55040	4	16,20,21,35,36,39,41,42, 50,52/03;6,9,13,17,19/04	57241	12	31/03
52083	2	16,46,48/03	53269	5	17/03	55041	7	21,43,49,50/03;2,5,13, 15/04	57242	8	41/03
52085	3	16,46/03	53279	3	15/03	55042	1	17,35,37/03;9,19/04	57245	1	41/03
52086	2	36/03;5,7/04	53281	4	15,18/03	55043	2	37,52/03	57260	3	23/03
52087	1	6/04	53283	4	40/03;6/04	55044	5	16,42,52/03;1,2/04	57261	2	23/03
52088	3	10/04*	53284	4	21,24/03	55045	2	39,52/03;3,9/04	57262	4	23/03
52092	1	16,48/03	53285	4	15/03	55046	4	18,19,35,36,41,46,50/03;	57381	12	15,16,23/03;4/04
52120	12	16,18/03;6,19/04	53287	6	15,22/03	55047	8	41,49,51/03;6,7,15,18/04	57408	2	24/03
52121	8	16,23/03	53301	4	22/03	55048	12	20/03;1,8,13,15/04	57460	4	29/03
52122	14	13,14/04	53306	2	31,43/03	55049	7	28/03;17/04	57471	3	15/03
52124	1	6/04	53311	3	37/03	55050	8	41,49,51/03;6,7,15,18/04	57480	8	15,23,27/03
52125	1	16,18/03;14/04	54040	3	20/03;11/04	55050	12	20/03;1,8,13,15/04	57482	12	24/03
52140	6	18,29,46,49,52/03;5,7, 12/04	54041	7	16,17,24/03	55050	7	28/03;17/04	57483	11	24/03
52141	5	41,44,46,49/03	54043	2	17/03	55051	1	28/03	57484	19	15,23,24,27/03
52142	3	14/04*	54060	5	16/03;6,12/04	55052	5	28,33/03	57488	6	24/03
52143	8	18/03;7/04	54061	11	42/03	55063	1	44/03	61000	20	15,23,27,31/03
52144	5	16,18,21,23,47/03;7/04	54082	12	10/04	55064	3	8/04	61020	2	27/03
52160	7	50,52/03;14/04	54083	4	10/04	55068	7	39/03;11/04	61040	6	31/03
52161	14	52/03	54090	3	15,19/03;6,12/04	55069	9	31,33,36,39,46,50/03;9, 17/04	61050	4	15,31/03
52164	2	14/04	54095	3	15,30,42/03	55075	9	31,33,36,39,46,50/03;9, 17/04	61051	7	15,24/03
52170	3	16,42,52/03;10/04	54105	3	17,19,50/03;10/04	55100	8	28,29,33,34,39,43,44/03;	61060	5	27,39/03
52172	2	52/03	54115	3	15,30/03;10/04	55101	2	25,32,34,38,39,42,43,46, 50/03;2,4,6,9,11,13,	61061	9	15,24/03
52180	14	15,16,50/03;6/04	54120	5	15,17,19/03;10/04	55102	3	15,25,32,36,43,46,50,	61070	4	39/03
52183	9	52/03	54125	3	15,17,30,47/03	55103	2	15,19,20,25,26,27,31,35, 36,38,42,43,45,46,50,	61071	9	18,39/03
52200	8	17/03	54131	2	50/03;12/04	55104	4	19,31,33,36,45,46,52/03;	61090	5	27/03
52220	7	27/03	54140	7	15,30,47,51/03	55105	7	15,25,32,36,43,46,50,	61091	5	18,24,27,35/03
52221	7	27/03	54151	1	42/03	55106	2	52/03;2,6,13,17/04	61092	13	18,27,35,39/03
52223	4	27/03	54161	12	20,21/03	55107	2	15,19,20,25,26,27,31,35, 36,38,42,43,45,46,50,	61110	3	25/03
52240	9	27/03	54165	2	38/03	55108	2	52/03;3,9/04	61111	12	25,27,34/03
52262	6	4/04	54167	2	20/03	55109	1	15,17/04	61112	10	35/03
52263	5	4/04	54168	1	17,38/03	55110	4	25,32,34,38,39,42,43,46, 50/03;2,6,13,15/04	61130	3	9/04
53011	2	7,10/04	54169	3	17,38/03;14/04	55111	2	19,31,33,36,45,46,52/03;	61140	5	9/04
53031	1	24,31,49/03;6,7/04	54180	6	30,42,47,51/03	55112	6	2,6,13/04	61141	6	35/03;9,14/04
53058	2	37/03	54181	7	48/03*	55113	5	52/03;3,9/04	61142	6	35,39/03;9,14/04
53060	14	31,36,39,44/03;6,11/04	54195	2	51/03	55114	4	38/03	61180	4	38/03
53061	10	16,17,38,44/03;15,17/04	54222	4	20/03	55115	1	49/04	61190	4	9/04
53062	13	16/03;15,17,19/04	54226	2	47/03	55116	1	15/04	61541	8	41/03
53063	9	33*,37/03	54227	2	47/03;12/04	55117	2	28,33,34,42/03;2,17/04	61542	6	41,46/03
53064	6	20,39/03;11/04	54279	4	15/03	55118	2	24,27,32,36,51/03	61581	5	28/03
53065	2	39/03;11/04	54280	10	15,22/03	55119	2	26,27,28,32,34,43,50/03;	61582	4	28/03
53066	2	20,39/03;11/04	54284	1	15,34/03	55120	2	2,6,9,11,13/04	61591	4	28/03
53081	8	16/03	54287	7	15/03	55121	7	15,27,34,35,42,45,46/03;	61610	7	34/03
53082	13	7/04	54302	1	21/03	55122	6,9,11/04	61611	11	34/03	
53083	8	21,22,41/03	54320	4	24,25/03	55123	2	34,36,38,46/03;6/04	61612	4	34/03
53084	6	16/03	54321	2	25/03	55124	5,6,15/04	62001	5	28,50/03;9/04	
53085	6	16/03	54332	3	25/03	55125	5	47,52/03;2,9,11,17/04	62024	13	29/03
53086	8	17/03;11/04	54333	3	25/03	55126	2	19,32,33,34,39,42,46,	62028	15	13/04
53087	9	17/03	54335	3	24/03	55127	3	50/03;2,6,9,11,17/04	62032	16	17,21,41/03;8/04
53089	4	21,22,23,41/03;9/04	54340	8	24/03	55128	4	52/03;6,9,15/04	62033	3	N17,N21,N41/03;N8/04
53090	1	50/03	54341	4	23/03	55129	5	6,15/04	62046	3	19/03*
53093	2	41/03;8/04	54343	10	6/04	55130	2	29,33,34,35,36,42,45,46,	62047	7	11/04
53100	16	18,20,21,24,31/03;11, 13/04	54344	6	24/03	55131	1	19,25,38,39/03;6,9,15,	62090	7	11/04
53101	7	16,24/03	54350	4	37/03	55132	17/04	62095	3	32/03	
53104	2	20,24/03	54351	7	26/03	55133	2	34,36,38,46/03;6/04	62097	6	38/03*
53106	6	21,33/03	54352	3	33,37/03;6/04	55134	2	29,41,42/03;3/04	62098	7	33/03*
53110	1	15,17/03	54359	2	38/03	55135	1	17,41,42/03	62100	6	P23,26/03;11/04
53111	3	11/04	54360	12	20						

## SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS  
NM 15/03 THROUGH NM 19/04

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.
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	16,21,30/03;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	19,27,30/03
62413	12	28*,50,52/03;10/04	71027	9	18,23,33/03;14/04	73552	4	38/03;18/04	74450	3	37/03
62417	1	10,13/04	71033	31	15,23/03	73580	4	43/03	74455	3	38,49/03
62420	5	52/03;10/04	71036	8	23,26/03	73581	4	43/03	74460	4	20,37/03
62423	17	50/03*,11/04	71040	5	47/03	73590	6	36,43/03	74465	2	36,38/03
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	74475	2	42,48/03
62437	10	30*,32,35,37/03;5,15/04	71066	1	24/03	73620	2	12/04	74494	2	16/03
62440	8	16*,41/03;8/04	71081	3	21/03	73631	4	17,40/03	74510	2	17,18,35,38/03;13/04
62442	6	24/03	71180	29	15,21,23/03	73640	5	16,40/03;10/04	74515	4	31,35/03
62446	3	43/03	71185	24	15/03	73650	5	40/03	74517	3	31/03
62449	4	8/04	71210	18	23,27/03	73653	1	40/03	74530	2	36,49/03
62451	7	5,9/04	71241	10	16,20/03;15/04	74000	6	18,41/03	74535	2	36,38,49/03
62453	4	16*,50,52/03;10/04	71243	5	15/03*	74002	2	31/03	74545	3	18,32/03
62459	2	41/03	71244	3	11/04	74003	5	31,34/03	74550	4	32/03
62460	4	9/04	71247	18	17,21,22/03;11,12,15/04	74004	2	30/03;12/04	74555	3	12/04
62480	2	16*,18,32,41/03;8,9/04	71248	2	N10,N14/04	74005	2	16,27,30,38/03;15/04	74560	10	18,31,32/03;15/04
62490	2	16*,17,18,21,32,50/03;9, 12,15,18/04	71251	11	15,21,50/03;10,12,14/04	74008	6	15/04	74581	9	27,31,39,48/03
62498	4	31/03;13/04	71253	10	16,17,21/03;12,14/04	74009	10	21,36,44/03	74582	9	17,20,27,31,39,48/03
62499	4	31/03	71255	6	28/03*,10,11,12/04	74012	10	19,20,27,36,37/03;8/04	74583	15	38,48/03;12/04
62510	3	8,9/04	71257	2	16/03;10,11,12,14,15/04	74015	10	21,31,36/03;8,13/04	74584	5	26,27,36,38,39,48/03
62512	3	N8,N9/04	71258	2	22/03;10,12,14,15/04	74016	3	27,42,48/03	74591	7	38/03;12/04
62520	6	20*,28,32,41/03;8,9/04	71259	3	15*,17,19,44/03;10,11, 14,15/04	74017	4	18,31,38/03;13/04	74595	2	42/03
62521	4	N20*,N28,N32,N41/03; N8,N9/04	71261	8	16/03	74021	7	26,31,35/03;13/04	75000	6	31/03
62530	6	20*,28,32,52/03;9,17/04	71265	3	15,16,20/03;10,11,14, 15/04	74027	9	39/03	75001	3	31,32/03
62531	4	N20*,N28,N32,N52/03; N9,N17/04	71271	10	19/03	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	71272	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;11,13,19/04	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
62570	4	17,18,30,35,37,43, 5,9,11,12,15,18/04	71285	3	19/03	74171	4	18,20,40/03	75131	7	17,39/03
62580	3	35/03;9/04	71295	2	19/03	74172	5	18,40/03	75132	11	17,19,25,29,32,35/03; 9/04
62584	2	7/04	71305	2	23/03	74181	8	34/03	75134	3	19,29,37,45/03;9/04
62590	2	17,18,21,23,30,37,43, 50/03;1,11,12,15,18/04	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
62591	3	N17,N18,N21,N23,N30, N37,N43,N50/03;N1, N11,N12,N15,N18/04	71330	13	33,38/03	74183	11	17,25,38/03	75143	4	10/04
63000	13	40/03	71331	11	33,38/03	74184	10	17,34/03;8,11/04	75144	3	18,25,30,38/03;10/04
63005	18	16/03	71333	2	33/03	74186	7	17,21,27,30,36/03	75150	5	16,19,26/03
63010	14	44/03	71335	2	38/03	74190	7	16,31,34,39/03	75160	6	17,18,19,25,32/03
63040	2	52/03	71340	11	33/03	74191	2	29/03;5/04	75170	12	25,38/03
63050	2	45/03	71348	3	23/03	74192	3	40/03	75171	22	16,26,35,38,40,44/03; 10/04
63053	4	39,45/03	71349	2	23/03	74200	8	32,40/03	75172	5	49/03
63055	2	39/03	71400	5	23/03	74201	9	32/03;11/04	75173	9	20,26,35,38,40/03
63060	7	45/03	71402	1	33/03	74202	3	27/03	75175	9	18/03
63062	7	16,18,37,44,50/03	71404	1	23/03;11,14/04	74204	5	32,40,46/03;11/04	75176	9	25,26,32,40,44/03
63063	9	20/03	71440	2	23/03	74205	2	27,32,35/03;1/04	75177	7	26,38/03
63065	6	44/03	71455	2	23/03	74206	8	30,37,46,50/03;11,15/04	75178	2	25,38/03
63070	3	16/03	71460	1	23/03	74211	2	30,38/03	75185	2	36/03
63071	14	44/03	72000	8	20,21,23,24,27/03	74229	2	18,26,50/03	75190	2	25,36/03
63072	14	44/03	72007	10	27,50/03;9/04	74230	7	36,46,50/03;12,15/04	75193	6	16,19,35/03
63074	7	16/03	72014	10	19/03;9/04	74231	7	21,36,50/03;10/04	75207	2	16,33,37,43,49/03
63075	7	20/03	72021	8	20,23,27,50/03;9/04	74232	9	21/03;8/04	75208	2	30,33/03
63076	9	20/03	72028	7	22/03	74234	1	17/03	75213	2	33,38/03
63077	6	44/03	72035	8	21,27/03;9/04	74240	8	41,46/03;13/04	75215	2	33,38/03
63078	3	16/03	72045	2	27/03;9/04	74251	8	17,21/03;15/04	75220	12	20,26,39/03;8/04

**CHARTS AFFECTED BY NOTICE TO MARINERS**  
**NM 15/03 THROUGH NM 19/04**

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.
75222	8	1/04	92290	2	19/03	94282	9	7,13/04	95280	9	20,26,52/03
75240	4	27,39/03;8/04	92296	3	19/03	94283	7	32/03;7,13,14/04	95281	15	36,45/03
75241	6	26,35/03	92410	3	42/03	94290	2	31/03;7/04	95282	7	19,20,22,23/03;12,19/04
75251	5	19,37,40/03;13,19/04	92450	3	42/03	94322	14	47/03;6/04	95285	3	18,20/03;12/04
75261	6	26,31,38/03;1,13,19/04	93006	2	43,44,48/03	94360	6	2,8,12,16,17/04	95300	5	44/03;2/04
75262	6	16/03;1/04	93010	6	18,24/03	94361	13	15/03;2,8/04	95320	15	20,21,26,33,40/03;10,13,14/04
75263	9	26,31/03;1/04	93018	8	18,24/03	94363	4	16,18,29/03;15,17/04	95341	8	40,44/03;10,13,14/04
75264	17	27,32/03;1/04	93025	5	45/03	94380	4	N18/03;N18/04	95342	16	16,20/03;10,13,14/04
75265	2	20,31,32,38,40/03	93032	3	24/03	94420	3	23,42,44,47/03;2,12,16/04	96000	5	17/04
76015	1	28,45,52/03;3/04	93047	2	24/03				96004	14	16/04
76030	9	52/03;3/04	93048	1	33/03	94421	10	12/04	96016	7	51/03
76040	8	47/03	93160	4	24,44/03	94423	12	12/04	96028	5	51/03
76050	8	18,28,52/03	93180	7	47/03	94440	2	18/03	96032	3	34,51/03
76052	8	28/03	93220	6	47/03	95041	7	23,50/03	96036	2	36/03;15/04
76054	5	52/03	93240	11	16,24,47/03	95060	13	17,19,21,23,29,31,33/03;16,17,19/04	96039	7	23,44/03;8,15/04
76056	3	37/03	93241	9	16,25/03	95065	5	31/03	96041	11	39,44,45/03;8,11/04
76060	7	52/03	93244	7	16/03	95066	11	17,19,21,23,25,27,31,32,33,37/03;6,17/04	96042	11	21,39,40,44,45/03;8,11/04
76061	3	52/03	93245	6	16,24/03				96043	8	11/04
76070	9	28,45,47,51/03;3/04	93260	8	18,47/03	95067	13	17,23,28,37/03;17/04	96044	10	23,38,51/03;2,7/04
76071	9	28/03	93261	5	47/03	95068	1	17,25,28,29,37/03	96120	6	21/03
76080	8	18,47/03	93280	4	18/03	95080	13	17,19,21,24,25,27,28,30,31,32,48,52/03;16,17,19/04	96320	4	51/03
76081	7	28,37/03	93520	13	15/03	95083	8	19,28/03	96340	4	45,51/03
76083	3	37/03	93650	2	24,28,49/03;2/04	95084	7	17/03	96381	2	50/03
76120	6	45/03	93652	2	24,49/03;2/04	95085	4	27,33/03	96382	2	21/03
76121	8	47/03	93680	3	24/03;18/04	95086	5	23,27,31,33/03	96440	3	11/04
76141	8	28,37,45,52/03	93688	3	N18/04	95087	3	30,31/03;1/04	96441	1	50/03
76142	1	37,45/03	93690	2	45/03	95100	12	17,23,25,27,28,29,31,37/03;4,17/04	96480	3	51/03;11/04
76144	1	28/03	93698	3	28/03;6/04	95101	8	17,28,31/03;17/04	96500	6	39/03;8/04
76146	1	28,45/03	93710	3	15,43,52/03	95102	8	17,23,25,27/03;1/04	96520	7	8/04
76147	1	28/03	93720	10	15,17,20,24,28,42,43,44,48,49/03	95103	8	19,27,28,31/03	96521	3	21/03
76160	4	28/03				95107	3	30,31/03;1/04	96540	5	11/04
76161	10	47/03	93721	5	17,20,23,25,40,41,43,44,45,46,48,49/03;1,4,7,8,11,14,16/04	95108	12	17,23,25,27,28,29,31,37/03;4,17/04	96560	5	51/03
76170	7	28,52/03	93725	6	24,49/03	95109	8	17,23,25,27/03;1/04	96620	3	38/03;11/04
76180	1	28/03;3/04	93726	4	17,45,50/03	95110	8	19,27,28,31/03	96621	5	38/03;11/04
81004	3	37*,43/03;9,10,17/04	93730	3	17,24,28,31,41,42,43,46,47,48,49/03;13,14,16,17/04	95112	7	21,26/03	96640	5	15/04
81048	9	52/03*;8,9,17/04				95113	8	16,17,19,23,24,25,27,28,30,35,36/03	96645	1	15/04
81054	14	52/03*;7/04	93733	13	19,20,25,40,41,44,45,47,48,52/03;1,4,8,14,16/04	95140	15	17,21,24,25,27,29,33,35,37,51,52/03;4,16,17,19/04	96660	4	17/04
81060	2	43/03;8,9,11,17/04	93734	12	51/03*;4/04	95141	8	17,19,21,23,25,29,37,51/03;4/04	96762	4	50/03*;16/04
81063	5	47/03	93736	24	11*,16/04	95142	9	19,23,29/03	96763	7	17,32,37,45/03;6,16/04
81067	6	46/03*;12/04	94004	6	17,18,42/03;6,15/04	95143	11	16,17,19,23,24,25,27,28,30,36/03	96764	3	34/03*
81076	10	41*,44/03;12/04	94016	2	17,21,33,47/03	95144	9	16,21,23,24,31,32,35,37/03;16,17/04	96883	9	11/04
81092	3	32/03	94028	7	17,21,24,27,31,33,40,51,52/03;1,4,16,17,19/04	95145	17	19,23,28,29,30,37/03;16,17/04	96904	3	34/03*
81711	6	31/03;1/04	94033	5	19,21,23,29,42,44/03;2,12,16,19/04	95146	14	16,21,23,24,31,32,35,37/03;16,17/04	96939	3	22/03
81715	4	31/03;1/04	94040	13	17,18,28,31,43,51/03;13,18/04	95147	13	19,23,25,28,29,31,32,35,36/03	96941	8	47/03;9,16/04
82005	5	17/03	94041	5	23,41,42,52/03;11,13,18/04	95148	9	19,21,23,24,31,32,35,37/03;16,17/04	96942	9	9/04
82010	6	17,39/03	94046	4	18/03	95149	9	19,24,25,27,30,32,35,37/03;16,17/04	96943	15	20,22,23,33,42/03;19/04
82015	13	39/03	94048	5	19,21,23,29,42,44/03;2,12,16,19/04	95150	14	16,21,23,24,31,32,35,37/03;16,17/04	96944	6	20/03;17/04
82020	7	39/03	94040	13	17,18,28,31,43,51/03;13,18/04	95151	17	19,23,28,29,30,37/03;16,17/04	96945	3	20,22,23,42/03;16,19/04
82095	2	12/04	94042	9	18,24,43,45/03;4,8,13,18/04	95152	5	19,28,30,31,32,33/03	96948	8	21,22/03
82105	2	12/04	94061	5	23,41,42,52/03;11,13,18/04	95153	2	19,25,32/03;19/04	96949	21	22/03
82125	2	41/03	94060	10	15,18,24,31,42/03;11,13,18/04	95154	9	19,24,25,27,30,32,35,37/03;16,17/04	96960	3	47/03;16/04
82244	5	20,39/03	94061	5	23,41,42,52/03;11,13,18/04	95155	2	19,25,32/03;16/04	96962	4	22,33/03
82253	7	20,39/03;15/04	94063	4	18/03	95156	13	17,19,21,24,25,27,33,36,40/03;1,14,16,17,19/04	97000	3	17,40/03
82280	N39/03		94080	7	19,22,32,51/03;15,17/04	95157	16	17,19,23,25,27,30,37/03;16,17/04	97005	9	47/03;17/04
82571	6	14/04	94082	8	19,22,51/03;15/04	95158	2	19,25,32/03;19/04	97015	10	16,17/04
82683	4	17/03	94083	12	15/04	95159	2	19,25,32/03;19/04	97021	7	40/03;16,17,19/04
82689	3	17/03	94120	6	17,18,21/03;15/04	95160	13	17,19,21,24,25,27,33,36,40/03;1,14,16,17,19/04	97029	3	40/03;16/04
82694	6	17/03	94122	7	35/03	95161	16	17,19,23,25,27,30,37/03;16,17/04	97041	9	22/03
83020	8	24/03	94123	9	15,17,18,28/03	95162	2	19,30,35/03	97042	7	20/03
83025	1	45/03	94124	13	15,17,25,28/03	95163	2	17,21/03	97043	2	20/03
83425	6	3/04	94127	2	16,18/03	95164	4	27/03	97060	8	22,26/03
83473	7	37/03	94160	7	16,17,18,19,28,31,41,42,43,44,45,46,47,48,49/03;1,2,13,16,17/04	95167	10	17,21/03	97063	2	48/03*
83484	10	23,42/03	94164	2	16,19,41,42,43/03;17/04	95169	2	16,23/03	97064	2	33,45/03
83580	2	45/03	94165	4	18,24,43/03;13,18/04	95171	1	21,37/03	97065	2	48/03*
83590	1	45/03	94166	2	16,19,41,42,43/03;17/04	95172	1	21,32/03	97080	5	16,22,26/03;17/04
91005	6	19,42/03	94167	2	16,19,41,42,43/03;17/04	95173	1	28/03	97082	5	16,34/03;10/04
91020	5	19,46/03	94180	9	23,28,44/03;6,16,17,18/04	95174	1	27/03	97083	3	29,34,35/03
91025	8	46/03	94187	3	23,36,45,46/03;12,18/04	95176	2	30,35/03	97100	4	16,17,26,49/03;16,17/04
91030	3	42/03	94188	2	28/03	95180	11	21,23/03	97101	2	50/03*
91175	2	6/04	94201	1	24,28/03	95185	2	35/03	97104	4	41/03
91280	7	19,43,46/03	94203	10	24,41,42/03	95200	6	23/03	97105	3	41/03;17/04
91289	19	43/03	94206	3	19,44/03;18/04	95243	4	15/04	97108	4	50/03*
91294	8	19/03	94207	5	N19/03	95250	4	16,20,22,36/03;19/04	97120	6	16,17,25,40,44,45,49/03
91297	9	19/03	94216	6	17,42,44,47/03;1,5/04	95258	3	16,18/03	97140	17	16,25,40,44,45,46,49,52/03
91300	3	46/03	94217	4	2,5/04	95261	7	16,23,28,36,47/03;14/04	97141	5	20/03;6/04
91331	3	42/03	94218	3	18/03;2,5,17/04	95262	13	27,36/03	97143	11	20,25,26,44,49/03;6/04
91340	3	42/03	94219	1	46/03;6/04	952					

## SECTION I

**CHARTS AFFECTED BY NOTICE TO MARINERS  
NM 15/03 THROUGH NM 19/04**

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.		
97151	16	16,20,25,49/03	97303	3	45/03		
97152	9	1*,6/04	97320	6	25,46/03;6,14/04		
97153	8	52/03*	97340	8	16,17,18,22,36,46,47/03;9,14/04		
97155	14	18,20,28/03;10,12/04	97341	9	16,21,47/03		
97157	2	40/03*;1/04	97342	14	17,18,22,27,43/03		
97158	5	50/03*	97343	12	17,25/03;9/04		
97159	6	16,44,46,52/03	97345	2	50/03		
97163	14	36/03;11/04	97360	6	18,27,43,45,47/03		
97164	1	16,52/03	97380	7	16,23,38,40,45/03;17/04		
97165	1	16,52/03	97381	7	27,43,45/03		
97166	1	21,46/03	97382	2	42/03		
97167	2	21/03	97383	16	42,46,47/03		
97180	6	20,22,26,44/03;19/04	97384	4	19/03		
97181	20	17,18,20,22,23,26,27,35, 44,46/03;1,7,19/04	97385	10	46,47/03		
97182	13	17,18,20,21,22,23,27,35, 46/03;1,9/04	97387	2	42,46/03;10/04		
97183	9	16,18,22,26,43,44/03	97389	2	45*,47/03		
97184	15	18,22,39,44/03	97390	5	16,36/03;7/04		
97185	2	46/03	97391	26	16/03		
97187	3	18/03;2,16/04	97392	5	21,23,26,33,38/03		
97188	3	50/03*;7,9/04	97396	14	16,17,23,33,38/03;2/04		
97189	2	18,22,39,43/03	97397	7	16,26,44,49/03		
97190	2	19/04	97398	4	43/03*		
97200	9	16,17,22,25,26,29/03; 17/04	97400	4	34*,44,49/03		
97201	7	18,28/03	97410	9	50/03*;2/04		
97202	15	20,25/03	97412	7	47/03		
97204	9	19,20,25,33,43,45,47/03; 13/04	97420	17	33,38,40,45/03;1,13,14, 17/04		
97205	3	18,28/03	97421	13	20,26,36/03		
97206	3	50/03*;13/04	97423	2	20,26,36/03;10,17/04		
97218	3	33/03	97425	6	45/03;1,2/04		
97219	4	20,23,25,47/03;13/04	97440	8	16,19,27,43,47/03;9/04		
97220	3	17,18,23,29,33,46,49/03; 6,18/04	97441	5	47/03;14/04		
97221	20	17,18,19,20,22,23,25,26, 29,33,46/03;6,7,11,13,17, 18/04	97443	6	15,19,25,47/03		
97222	12	22,29/03;11,17/04	97460	7	19,21,47/03;9/04		
97223	3	16,17,22,23,46/03	97461	9	19,21,22,23,26/03;9/04		
97224	6	45/03;11/04	97465	9	19,20,22,33,37/03;6, 12/04		
97225	31	17,18,19,23,25,33,45,46, 49/03;6,17/04	97466	2	23,27/03		
97226	7	18,41/03;6/04	97469	10	19,20,22,33,37/03;6, 12/04		
97227	11	18,30,34/03	97471	5	N22,N33/03;N6,N10, N12/04		
97228	15	15,17,18,20,21,22,27,29, 35,49,52/03;7/04	97472	8	33/03		
97229	12	18,28,33/03;18/04	97474	7	22/03		
97230	18	28,33/03	97480	7	17,18,21/03;15/04		
97231	11	23,33/03	97481	6	18,20/03		
97232	9	7/04*	97483	7	20/03;11/04		
97233	12	15*,17/04	97521	6	16,18,20/03		
97234	17	16,41/03;7/04	97564	3	16/03		
97235	2	52/03*	800669	8	N1,N16/04		
97236	20	16,23,35,41/03;13/04	800744	1	N16,N36,N47,N50/03; N10/04		
97237	6	41/03	801217	1	N19,N20,N22,N33, N37/03;N6,N12/04		
97238	11	12/04	801885	3	N34/03		
97239	10	16,23/03	801902	9	N25,N31/03;N14/04		
97241	6	1/04	801953	1	N39,N52/03		
97243	8	21,27,33/03;14/04	802260	5	N1/04		
97245	11	29/03	803404	2	N8/04		
97246	7	13/04	804059	2	N43/03		
97251	4	17,36,52/03	804567	4	N31/03;N9/04		
97261	15	18,21,26,44/03;1,13/04	805118	3	N36/03;N12/04		
97262	10	15,21,26,33,46/03;2,13, 14/04	805647	2	N30/03;N8,N13/04		
97263	10	15,18,21,46/03;2,14/04	806927	8	N25,N30,N39/03		
97266	5	15,18,26,42/03;1,2,7/04	807370	5	N17,N25,N30,N31, N39/03;N14/04		
97267	16	18,26,27,42/03;7,9,13/04	807861	2	N22/03		
97269	11	18,27/03;7/04	809055	7	N16/03		
97270	6	7,13/04	809679	2	N27/03		
97271	12	26,35,41,44/03;9,17/04					
97272	11	23,37,47/03;1,9,13,19/04					
97273	11	34*,52/03;1,9/04					
97274	19	15,17,18,23,37,47,52/03; 7,9/04					
97275	3	52/03*					
97276	2	50/03*					
97277	11	35,39/03;1,13/04					
97278	12	14/04*					
97279	9	27/03					
97281	3	50/03*					
97285	6	17,36/03;7/04					
97286	6	17,35,36,38/03					
97287	5	20/03					
97300	6	25,26/03;6/04					

## SECTION II

NM 19/04

## 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									
11XHA11390 (7642014010232)	East Bay to West Bay  (Not shown on index)	40,000	<u>23</u>	<u>2/04</u>	NOS	1-94	19/04		
11XHA11489 (7642014010253)	St. Simons Sound to Tolomato River  (Not shown on index)	40,000	<u>35</u>	<u>2/04</u>	NOS	1-94	19/04		
11XHA11534 (7642014010277)	Myrtle Grove Sound and Cape Fear River to Casino Creek  (Not shown on index)	40,000	<u>33</u>	<u>3/04</u>	NOS	1-94	19/04		
12XHA12285 (7642014010370)	Potomac River-Washington, D.C., Maryland, Virginia  (Insets not shown on index)	80,000	<u>36</u>	<u>1/04</u>	NOS	1-95	19/04		
14BCO14319 (7642014010535)	<u>Can. 4661, Bear Head to Cow Head</u>  Insets: <u>Trout River Bay</u> <u>Green Cove</u>	146,000		<u>7/03</u>	CHS	1-50,96	19/04		
<u>15BHA15444</u> (7642014010790)	<u>Can. 7121, Cape Mills To Cape Rammelsberg</u>  <u>Inset: Daniel Island Harbour</u>	75,000		<u>5/03</u>	CHS	1-56,96	19/04		
17XCO17460 (7642014011421)	<u>Can. 3902, Hecate Strait</u>	250,000		<u>6/97</u>	CHS	1-76,98	19/04		
17XHA17523 (7642014006772)	<u>Can. 3545, Johnstone Strait-Port Neville to Robson Bight</u>  <u>Continuation A</u>	40,000		<u>2/01</u>	CHS	1-78,98	19/04		
17XHA17526 (7642014008365)	Can. 3547, Queen Charlotte Strait-Eastern Portion  Insets: Kenneth Passage Stuart Narrows	40,000		<u>4/96</u>	CHS	1-98	19/04		
17XHA17528 (7642014008236)	<u>Can. 3549, Queen Charlotte Strait-Western Portion</u>  <u>Inset: Bull Harbour</u>	40,000		<u>7/01</u>	CHS	1-78,98	19/04		
18XHA18546 (7642014011624)	Snake River-Lake Herbert G. West  (Not shown on index)		<u>10</u>	<u>2/04</u>	NOS	1-98	19/04		
REGION 3									
35ACO35002 (7642015122467)	<u>UKHO 266, North Sea Offshore Charts</u> <u>54 05 00N 0 35 00E</u> <u>54 05 00N 3 53 52E</u> <u>55 20 11N 3 53 52E</u> <u>55 20 11N 0 35 00E</u>	200,000		<u>10/93</u>	UKHO	3-12,13, 30	19/04		
35ACO35003 (7642015122468)	<u>UKHO 268, North Sea Offshore Charts</u> <u>55 05 00N 0 45 00W</u> <u>56 18 21N 0 45 00W</u> <u>56 18 21N 2 33 52W</u> <u>56 05 00N 2 33 52W</u>	200,000		<u>1/86</u>	UKHO	3-12,13, 30	19/04		
35ACO35004 (7642015122470)	<u>UKHO 273, North Sea Offshore Charts</u> <u>55 55 00N 1 10 00W</u> <u>57 06 48N 1 10 00W</u> <u>57 06 48N 2 08 52W</u> <u>55 55 00N 2 08 52W</u>	200,000		<u>3/99</u>	UKHO	3-4,5,30	19/04		
MISCELLANEOUS CHARTS AND PUBLICATIONS									

## SECTION II

## 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				
NOSPBCATALOG1 (7642014008445)	Canceled						10-25	19/04
<u>NOSPBCATALOGA</u> (7642015086751)	<u>Atlantic Coast - Including Puerto Rico and the Virgin Islands,</u> 2003					<u>Free</u>	10-25	19/04
<u>NOSPBCATALOGG</u> (7642015086750)	<u>Gulf Coast - Including Puerto Rico and the Virgin Islands,</u> 2003					<u>Free</u>	10-25	19/04

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

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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.

**SECTION II**  
**NAVIGATION PUBLICATIONS**

NM 19/04

**NOS CHART CATALOG CORRECTIONS**

**CATALOG 1 Ed 2000 PUBLICATION CANCELED**  
(NOS) 19/04

**CATALOG A Ed 2003 NEW PUBLICATION**  
(NOS) 19/04

**CATALOG G Ed 2003 NEW PUBLICATION**  
(NOS) 19/04

**SAILING DIRECTIONS CORRECTIONS**

**PUB 147 7 Ed 2001 LAST NM 15/04**

Page 7—Line 38/R; insert after:

**Pilotage.**—It has been reported (2004) that pilotage is mandatory for this port and that the pilot boards just E of Five Fathom Hole.

(PUBS 005-04) 19/04

**PUB 154 8 Ed 2002 LAST NM 16/04**

Page 33—Line 12/L; insert after:

Vessels should be aware that frequent changes in river depths due to silting, dredging, and scouring make the charted channel depths often unreliable. Caution should be taken at the mouth of the river as well.

(BA NM 14/04) 19/04

**PUB 172 9 Ed 2001 LAST NM 17/04**

Page 227—Line 52/L; insert after:

Mine Danger Areas (MDA), best seen on the chart, are located in the area covered by this sector. Mariners are warned that a greater mine threat exists within an MDA and no swept routes have been established in these areas. Caution is also necessary as drifting mines may be encountered anywhere.

(NTM 006-04) 19/04

Page 238—Line 14/L; read:

the E side of the channel, has least depths of 3.5 and 5m; the  
(16(1739)04 Taunton) 19/04

Page 255—Line 37/R; insert after:

Mine Danger Areas (MDA), best seen on the chart, are located in the area covered by this sector. Mariners are warned that a greater mine threat exists within an MDA and no swept routes have been established in these areas. Caution is also necessary as drifting mines may be encountered anywhere.

(NTM 006-04) 19/04

Page 263—Lines 17 to 18/L; read:

whether inbound or outbound.  
(16(1744)04 Taunton) 19/04

Page 263—Lines 1 to 2/R; read:  
and having a draft of 15.85m or over.

(16(1744)04 Taunton) 19/04

**PUB 180 3 Ed 2002 LAST NM 51/03**

Page 85—Lines 7 to 8/R; read:  
small areas of Lapp and Finnish-speaking minorities.

**Navigational Information**

The maritime territorial claims of Norway are, as follows:

Territorial Sea 12 miles.

Contiguous Zone 12 miles.

Fisheries or Economic Zone 200 miles.

Continental Shelf 200 miles or the continental margin.

**Offshore Islands**

(Ger NM 4/04; US NM 48/03, Section II) 19/04

Page 86—Graphic; replace with below:

New graphic titled **Norway—Pilotage and Reporting** from back of this Subsection.

(BA NM 16/04, Section VI) 19/04

Page 87—Lines 2 to 9/R; read:

4. Inquiries about compulsory pilotage, pilotage exemption certificates (PEC), pilotage service dues, and transitional arrangements should be sent to the appropriate Pilot Booking Center.

5. Indreleia (Internal Waters Pilotage).—Pilotage is compulsory. Vessels should send requests for pilots 24 hours in advance to the appropriate Pilot Booking Center stating the following:

(BA NM 16/04, Section VI) 19/04

Page 87—Lines 5 to 6/L; strike out.

(BA NM 16/04, Section VI) 19/04

Page 87—Line 24/R; insert after:

New table titled **Norway—Pilot Booking Centers** from back of this Subsection

(BA NM 16/04, Section VI) 19/04

Page 87—Lines 27 to 31/L; read:

2. Vessels should send requests for pilots 24 hours prior to arrival to the appropriate Pilot Booking Center, all of which operate 24 hours, as described in the accompanying table. Requests should include:

(BA NM 16/04, Section VI) 19/04

**SECTION II****NM 19/04****PUB 180 (Continued)**

Page 87—Lines 15 to 16/R; read:

6. Pilots may be contacted on VHF channel 16.  
 (BA NM 16/04, Section VI) 19/04

Page 89—Lines 42 to 43/L; read:

This service may also be contacted via E-mail at smarin@statoil.com.  
 (BA NM 4/04, Section VI) 19/04

Page 89—Table; replace with below:

<b>Oil field/ installation</b>	<b>Position</b>	<b>VHF channel</b>
Heidrun	65°19.5'N, 7°19.0'E	9
Asgard A	65°03.5'N, 6°43.4'E	6
Asgard B	65°06.6'N, 6°47.4'E	6
Asgard C	65°07.8'N, 6°51.9'E	6
Visund	61°22.2'N, 2°27.4'E	10
Snorre B	61°31.5'N, 2°12.5'E	10
Statfjord A	61°15.3'N, 1°51.1'E	9
Statfjord B	61°12.4'N, 1°49.8'E	9
Statfjord C	61°17.8'N, 1°54.0'E	9
OLS A	61°15.3'N, 1°51.1'E	9
OLS B	61°13.4'N, 1°50.1'E	9
SPMC	61°16.8'N, 1°52.9'E	9
Gullfaks A	61°10.6'N, 2°11.3'E	9
Gullfaks B	61°12.2'N, 2°12.1'E	9
Gullfaks C	61°12.9'N, 2°16.3'E	9
SPM 1	61°11.5'N, 2°09.1'E	9
SPM 2	61°10.0'N, 2°13.7'E	9
Kvitebjorn	61°04.8'N, 2°30.1'E	9
Huldra	61°51.3'N, 2°39.1'E	71
Veslefrikk A/B	60°47.0'N, 2°54.0'E	10
Troll A	60°38.7'N, 3°43.7'E	68
Troll B	60°46.0'N, 3°30.0'E	10
Troll C	60°53.0'N, 3°36.0'E	10
Oseberg East	60°42.0'N, 2°56.1'E	10
Oseberg C	60°36.0'N, 2°46.0'E	10
Oseberg Feltcenter	60°29.0'N, 2°49.0'E	10
Oseberg South	60°23.5'N, 2°47.7'E	10
Brage	60°32.0'N, 3°03.0'E	10
Grane	59°09.9'N, 2°29.1'E	15
Sleipner A	58°22.0'N, 1°54.3'E	14
Sleipner B	58°25.0'N, 1°42.9'E	14
Draupner	58°11.0'N, 2°28.0'E	17

(BA NM 4/04, Section VI)

19/04

**COAST PILOT CORRECTIONS****COAST PILOT 4****35 Ed 2003****Change No. 26  
LAST NM 12/04**

Page 97—Paragraph 1101; read:

(ee) *Commercial Boulevard bridge (SR 870), mile 1059.0,*

**COAST PILOT 4 (Continued)**

at Lauderdale-by-the-Sea. The draws shall open on signal; except that, from 7 a.m. to 6 p.m., the draws need open only on the hour, 20 minutes after the hour, and 40 minutes after the hour.

(CL 319/04; FR 03/04/04) 19/04

Page 98—Paragraph 1126; read:

(a) General. Public vessels of the United States, tugs, tugs with tows, and vessels in a situation where a delay would endanger life or property shall, upon proper signal, be passed through the draw of each bridge listed in this section at any time.

(b) The draws of the S.W. First Street Bridge, mile 0.9, up to and including the N.W. 27<sup>th</sup> Avenue Bridge, mile 3.7 at Miami, shall open on signal; except that, from 7:35 a.m. to 8:59 a.m. and 4:45 p.m. to 5:59 p.m., Monday through Friday, except Federal holidays, the draws need not open for the passage of vessels.

(c) The draws of the Miami Avenue Bridge, mile 0.3, and the S.W. Second Avenue Bridge, mile 0.5, at Miami, shall open on signal; except that, from 7:35 a.m. to 8:59 a.m., 12:05 p.m. to 12:59 p.m. and 4:35 p.m. to 5:59 p.m., Monday through Friday, except Federal holidays, the draws need not open for the passage of vessels.

(d) The draw of the Brickell Avenue Bridge, mile 0.1, at Miami, shall open on signal; except that, from 7 a.m. to 7 p.m., Monday through Friday except Federal holidays, the draw need open only on the hour and half-hour. From 7:35 a.m. to 8:59 a.m., 12:05 p.m. to 12:59 p.m. and 4:35 p.m. to 5:59 p.m., Monday through Friday except Federal holidays, the draw need not open for the passage of vessels.

(CL 214/04; FR 02/19/04) 19/04

Page 98—Paragraph 1127; read:

The draw of the FDOT Railroad Bridge, mile 5.3 at Miami, shall open on signal if at least 48-hour notice is given to CSX System Operating Headquarters (800) 232-0144.

(CL 264/04; FR 03/01/04) 19/04

Page 484—Paragraph 491, lines 4 to 6; read:

engine and electronic repairs can be made; lift to 35 tons. In January 2004, an approach depth of 7 feet ...

(DB 4068) 19/04

Page 484—Paragraph 492, lines 9 to 11; read:

and wet and dry storage are available. Mobile lift to 80 tons is available for hull and engine repairs.

(DB 4068) 19/04

**COAST PILOT 6            34 Ed 2004            Change No. 2  
LAST NM 18/04**

Page 6—Paragraph 60, line 7; read:

operating 24 hours a day. (See internet website: <http://www.weather.gov/>). Marine services are also provided ...

(Internet/04) 19/04

Page 536—Paragraph 29, line 6; read:

business hours. Inquiries on availability, cost, etc. of GPO

publications may be addressed to a 24-hour FAX number: 202-512-2250.)

(CL 1739/03; Internet/04; CP1/03) 19/04

**COAST PILOT 7            36 Ed 2004            Change No. 1  
LAST NM 18/04**

Page 177—Paragraph 2977, line 3; read:  
zone by local law enforcement as necessary.

**§165.1187 Security Zones; Golden Gate Bridge and the San Francisco-Oakland Bay Bridge, San Francisco Bay, California.**

(a) *Location.* All waters extending from the surface to the sea floor, within 25 yards of all piers, abutments, fenders and pilings of the Golden Gate Bridge and the San Francisco-Oakland Bay Bridge, in San Francisco Bay, California.

(b) *Regulations.* (1) In accordance with the general regulations in §165.33 of this part, entry into these security zones is prohibited, unless doing so is necessary for safe navigation, to conduct official business such as scheduled maintenance or retrofit operations, or unless specifically authorized by the Captain of the Port San Francisco Bay or his designated representative.

(2) Persons desiring to transit the area of the security zone may contact the Captain of the Port at telephone number 415-399-3547 or on VHF-FM channel 16 (156.8 MHz) to seek permission to transit the area. If permission is granted, all persons and vessels must comply with the instructions of the Captain of the Port or his or her designated representative.

(c) *Enforcement.* All persons and vessels shall comply with the instructions of the Coast Guard Captain of the Port or the designated on-scene patrol personnel. Patrol personnel comprise commissioned, warrant, and petty officers of the Coast Guard onboard Coast Guard, Coast Guard Auxiliary, local, state, and federal law enforcement vessels. Upon being hailed by U.S. Coast Guard patrol personnel by siren, radio, flashing light, or other means, the operator of a vessel shall proceed as directed.

(CL 298/04; FR 3/10/04) 19/04

Page 184—Paragraph 3134, line 4; read:

pursuant to 33 CFR part 161 also apply, the measures or directions ...

(FR 1/29/04) 19/04

Page 248—Paragraph 21, line 4 to Paragraph 22, line 1; read:

**40 CFR 140 (see Chapter 2.)**

In addition to the No-Discharge Zone and concurrent with the federal regulations above, the **San Diego Unified Port District Code** (section 8.50)

prohibits the discharge of any material, including sewage, into San Diego Bay without written permission by the Port Director.

The city of **San Diego** is on the NE shore of the bay.  
(CL 152/04) 19/04

**COAST PILOT 7 (Continued)**

Page 254—Paragraph 101, lines 3 to 4; read:  
administered by the city of San Diego. A light and a fog signal are at the outer end of the N jetty. A prominent feature ...  
(LL/03) 19/04

Page 513—Paragraph 30, line 17; read:  
the foggy season. Detailed information on heavy weather to Puget Sound ports may be found in the **Puget Sound Area Heavy Weather Port Guide** published by the Marine Meteorology Division, Naval Research Laboratory, Monterey, CA 93943 and available on the internet at <https://www.npmod.navy.mil/PSAPG/PSAPG.htm>.  
(CL 637/01) 19/04

**COAST PILOT 7      36 Ed 2004      Change No. 2**

Page 604—Paragraph 520, lines 4 to 6; read:  
measures 39 nautical miles SE-NW between Makapu'u and Ka'ena Points and 26 miles S-N between Kalaeloa and Kahuku Point. The island has two prominent mountain ...  
(CL 962/03; CL 1598/02) 19/04

Page 604—Paragraph 522, lines 2 to 3; read:  
nearly the entire distance between Ka'ena Point and Kalaeloa. Several spurs extending from the range toward ...  
(CL 962/03; CL 1598/02) 19/04

Page 604—Paragraph 524, line 6; read:  
between Kalaeloa and Ka'ena Point. From Ka'ena ...  
(CL 1598/03) 19/04

**COAST PILOT 7      36 Ed 2004      Change No. 3**

Page 177—Paragraphs 2968 to 2977; read:  
(a) *Definitions.* As used in this section—  
*Cruise ship* means a passenger vessel, except for a ferry, over 100 feet in length, authorized to carry more than 12 passengers for hire; making voyages lasting more than 24 hours, any part of which is on the high seas; and for which passengers are embarked or disembarked in the San Francisco Bay and Delta ports.

*High Interest Vessel* or *HIV* means any vessel deemed by the Captain of the Port or higher authority as a vessel requiring protection based upon risk assessment analysis of the vessel and is therefore escorted by a Coast Guard or other law enforcement vessel with an embarked Coast Guard commissioned, warrant, or petty officer.

*Tank vessel* means any self-propelled tank ship that is constructed or adapted primarily to carry oil or hazardous material in bulk as cargo or cargo residue in the cargo spaces. The definition of tank ship does not include tank barges.

(b) *Locations.* The following areas are security zones:

(1) *Zones for anchored vessels.* All waters, extending from the surface to the sea floor, within 100 yards ahead, astern and extending 100 yards along either side of any cruise ship, tank vessel or HIV that is anchored at a designated anchorage within the San Francisco Bay and Delta

port areas shoreward of the line drawn between San Francisco Main Ship Channel buoys 7 and 8 (LLNR 4190 & 4195, positions 37°46.9'N, 122°35.4'W and 37°46.5'N, 122°35.2'W, respectively);

(2) *Zones for moored or mooring vessels.* The shore area and all waters, extending from the surface to the sea floor, within 100 yards ahead, astern and extending 100 yards along either side of any cruise ship, tank vessel or HIV that is moored, or in the process of mooring, at any berth within the San Francisco Bay and Delta port areas shoreward of the line drawn between San Francisco Main Ship Channel buoys 7 and 8 (LLNR 4190 & 4195, positions 37°46.9'N, 122°35.4'W and 37°46.5'N, 122°35.2'W, respectively); and

(3) *Zones for vessels underway.* All waters, extending from the surface to the sea floor, within 100 yards ahead, astern and extending 100 yards along either side of any cruise ship, tank vessel or HIV that is underway shoreward of the line drawn between San Francisco Main Ship Channel buoys 7 and 8 (LLNR 4190 & 4195, positions 37°46.9'N, 122°35.4'W and 37°46.5'N, 122°35.2'W, respectively).

(c) *Regulations.* (1) In accordance with the general regulations in §165.33 of this part, entry into or remaining in this zone is prohibited unless authorized by the Coast Guard Captain of the Port, San Francisco Bay, or his designated representative.

(2) Persons desiring to transit the area of the security zone may contact the Captain of the Port at telephone number 415-399-3547 or on VHF-FM channel 16 (156.8 MHz) to seek permission to transit the area. If permission is granted, all persons and vessels must comply with the instructions of the Captain of the Port or his or her designated representative.

(3) When a cruise ship, tank vessel or HIV approaches within 100 yards of a vessel that is moored, or anchored, the stationary vessel must stay moored or anchored while it remains within the cruise ship, tank vessel or HIV's security zone unless it is either ordered by, or given permission from, the COTP San Francisco Bay to do otherwise.

(d) *Authority.* In addition to 33 U.S.C. 1231, the authority for this section includes 33 U.S.C. 1226.

(e) *Enforcement.* The U.S. Coast Guard may be assisted in the patrol and enforcement of the security zone by local law enforcement as necessary.  
(CL 250/04 ; FR 02/26/04) 19/04

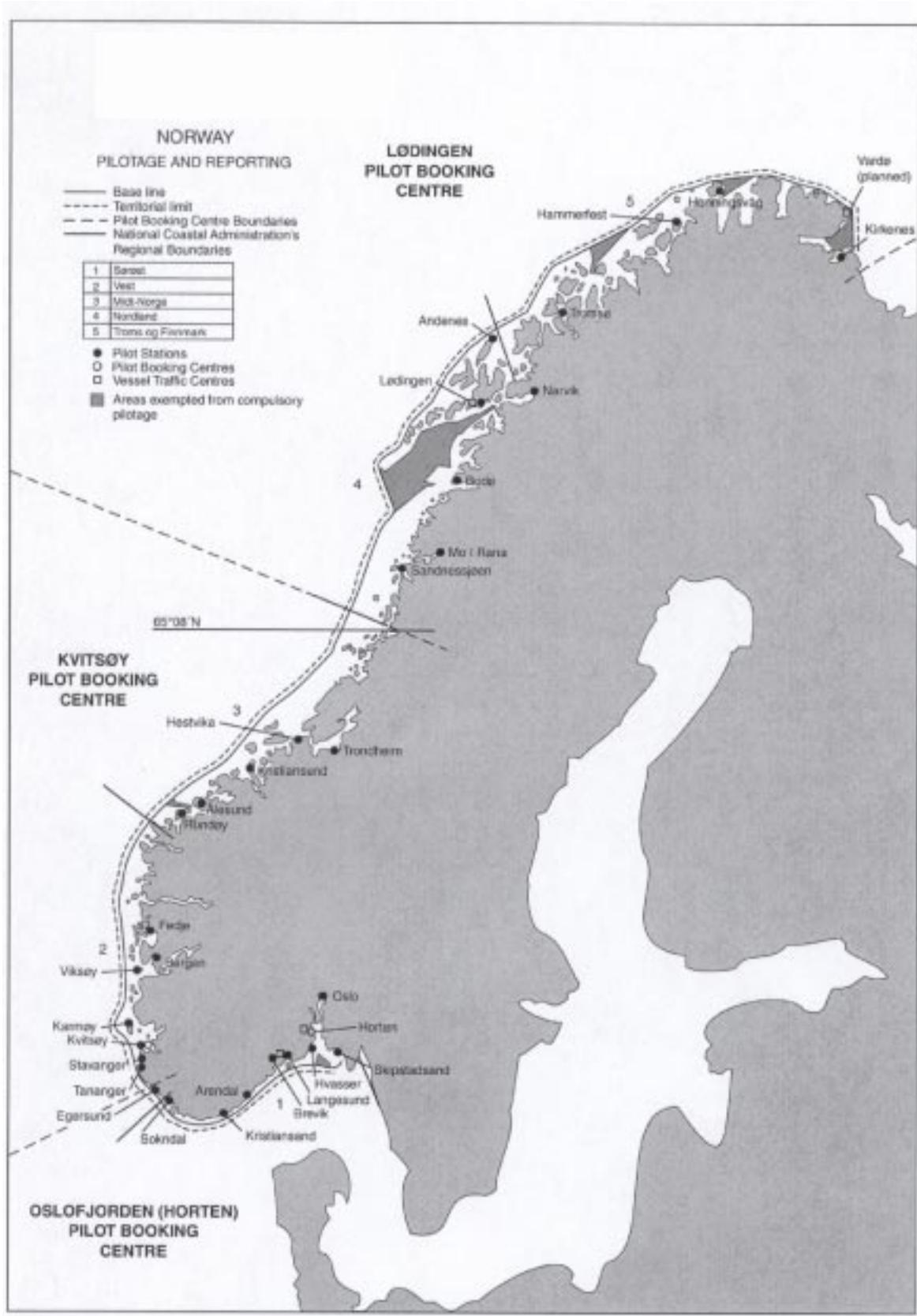
**COAST PILOT 7      36 Ed 2004      Change No. 4**

Page 362—Paragraph 606, lines 10 to 12; read:  
The bridgetender for the Millers Ferry swing bridge across the North Mokelumne River, just S of the junction with Snodgrass Slough, monitors VHF-FM, channel 16, ...  
(CL 1258/02) 19/04

Page 362—Paragraph 611, line 1; read:  
The Tyler Island swing bridge crossing Georgiana Slough

**COAST PILOT 7 (Continued)**

about ... (CL 1258/02)	19/04	Page 94—Paragraph 1063, line 1; read: <b>§166.105 Definitions.</b> (a) <i>Shipping safety fairway</i> or <i>fairway</i> means a ... (33 CFR 166)	19/04
Page 363—Paragraph 611, line 6; read: WHU-246, Tyler Island Bridge. The Georgiana Slough swing ... (CL 1258/02)	19/04	Page 94—Paragraph 1064, line 1; read: (b) <i>Fairway anchorage</i> means an anchorage area ... (33 CFR 166)	19/04
Page 363—Paragraph 614, line 3; read: feet. The bridgetender at Orwood bascule bridge near ... (CL 1258/02)	19/04	Page 94—Paragraph 1065; read: <b>§166.110 Modification of areas.</b> Fairways and fairway anchorages are subject to modification in accordance with 33 U.S.C. 1223(c); 92 Stat. 1473. (33 CFR 166)	19/04
Page 363—Paragraph 617, line 2; read: feet to the Bacon Island swing bridge, about 15.5 ... (CL 1258/02)	19/04	Page 104—Paragraph 24; read: The Service is mandatory. (See <b>161.1 through 161.23 and 161.60</b> , chapter 2, for rules and regulations, and chapter 4 for details.) (33 CFR 161)	19/04
Page 491—Paragraph 313, lines 6 to 8; read: served by the ferry. <b>Broken Point</b> , 1.6 ... (CL 2010/02)	19/04	Page 131—Paragraph 178, line 1; read: A lighted whistle buoy about 4.5 miles SSE of Point ... (LL/04)	19/04
Page 498—Paragraph 390, lines 6 to 19; read: bulkheaded. The S basin at La Conner, along the E side of the channel about 0.6 mile N of the highway fixed bridge, has over 460 covered and uncovered berths with electricity and water. A marina in the S basin can provide berths, gasoline, diesel fuel, electricity, water, ice, marine supplies, wet and dry storage, a launching ramp, and a 55-ton hoist; complete hull and engine repairs can be made. The entrance to the basin is constricted by pilings that extend from the N side. A firm, on the E side ... (CL 224/03)	19/04	Page 153—Paragraph 433, lines 2 to 11; read: to the E of the fuel pier, is entered between a breakwater to the W of the entrance and Valdez Spit to the E of the entrance; both are marked by lights. Two seafood plant piers are just inside on the S shore. In June 2003, the controlling depths were 10.8 feet in the entrance channel to the basin, except for lesser depths to 7 feet along the edges of the channel, thence 10.4 to 12 feet in the basin, except for severe shoaling in the SE corner at the head of the project. The far E end of the basin is locally maintained and has depths of 10 to 12 feet. The harbor ... (BPs 181856-58; LL/03)	19/04
Page 517—Paragraph 96, line 14; read: water, ice, pump-out station, and a 50-ton lift are ... (CL 225/03)	19/04	Page 307—Paragraph 227, lines 4 to 7; read: deep throughout, except close up in the NW corner where the bottom rises abruptly from 25 to 2 fathoms or less in the vicinity of the mouth of a fair-sized river entering the bay. Anchorage is available in the NW corner of the bay, approximately 0.5 mile E of the western shore and 0.6 mile SSW of the mouth of the fair-sized river, in 25 to 35 fathoms. Anchorage is also available in the ... (CL 151/04)	19/04
Page 541—Paragraph 250, line 18; read: storage, engine and hull repairs, a 4-ton hoist, and launching ... (CL 641/03)	19/04	Page 323—Paragraph 451, line 10; read: W of the point. A rock covered 1 1/2 fathoms is in Simeon Bight at 55°16'33.0"N., 160°23'46.9"W. (CL 1860/03)	19/04
Page 542—Paragraph 269, line 17; read: and a 32-ton lift are available. (CL 871/03)	19/04		
<b>COAST PILOT 9      21 Ed 2003      Change No. 20 LAST NM 18/04</b>			
Page 93—Paragraph 1061, line 1; read: <b>§166.100 Purpose.</b> The purpose of these regulations is to establish and ... (33 CFR 166)	19/04		
Page 93—Paragraph 1062, line 1; read: <b>§166.103 Geographic Coordinates.</b> Geographic coordinates expressed in terms of latitude ... (33 CFR 166)	19/04		



**SECTION II****NM 19/04**

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<b>Norway—Pilot Booking Centers</b>					
<b>Center</b>	<b>Area</b>	<b>Telephone</b>	<b>Facsimile</b>	<b>E-mail</b>	<b>VHF channel</b>
Lodingen	West coast of Norway N of 65°08'N to the Finnish border	+47-76-986810	+47-76-986820	losformidl.nordland@kystverket.no	13
Kvitsoy	West coast of Norway S of 65°08'N to W of Egersund	+47-51-735397 +47-51-735398	+47-51-735391	losformidling.rogaland@kystverket.no	13
Oslofjorden (Horten)	South coast of Norway from E of Egersund to the Swedish border	+47-33-034970	+47-33-034999	losformidl.oslofjord@kystverket.no	13

**PUB 180**

## 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
22550	- Lighted Buoy 14	41 17 20 N 72 20 57 W	Fl R 4s		4	Red.	Replaced by nun from Nov. 15 to May 1.  * 19/04
38115	- Lighted Buoy 60	41 42 53 N 73 56 39 W	Fl R 2.5s		4	Red.	Replaced by LIB from Dec. 1 to Apr. 1.  * 19/04

### 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
850	- Lighted Buoy 6FP	33 41 00 N 78 04 00 W	Fl R 4s		4	Red.	
	*	*					19/04
9684	- Creek Daybeacon 11						Remove from list.  * 19/04
14981	- Buoy 6A					Red nun.	
	*	*	*	*	*	*	19/04
*18603.08	WARNING LIGHT A	38 47 18 N 77 01 00 W	Fl Y 4s	14		On pile.	Private aid.
							19/04
*18603.09	WARNING LIGHT B		Fl Y 4s	14		On pile.	Private aid.
							19/04
21120	VISTA CHEMICAL PIER LIGHT	39 14 30 N 76 33 48 W	Fl Y 2.5s	12		On pile at end of pier.	Private aid.
	*	*	*			*	19/04
28725	- LIGHT 9		Fl G 2.5s	15	3	SG on multi-pile structure.	
				*			19/04
32300	FRISCO LIGHT 6		Fl R 4s	17	3	TR on pile.	Light equipment removed when endangered by ice.
					*		19/04
<b>*Delete Heading: *Broad Creek</b>							
33600	- Entrance Daybeacon						Remove from list.  * 19/04
<b>*Add Heading: *Broad Creek</b>							
33605	- LIGHT 1		Fl G 4s	16	4	SG on pile.	
							19/04

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 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
39560	- LIGHT 103		Fl G 4s	15	4	SG-SY on pile.	
				*			19/04
39755	- LIGHT 161		Fl G 4s	15	4	SG-SY on pile.	
				*			19/04
39795	- Daybeacon 4	34 03 36 N 77 55 31 W				TR on pile.	
		*					19/04

### 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
350 4530	Tybee Lighted Buoy T	31 57 52 N 80 43 09 W	Mo (A) W		6	Red and white stripes with red spherical topmark.	RACON G (---).
		*					19/04
955	Dixie Shoal Buoy 8 On seaward edge of reef.	25 04 39 N 80 18 43 W				Red nun.	
		*					19/04
1065	Coalbin Rock Buoy CB On south side of shoal.	24 27 03 N 82 05 17 W				Red and green bands; nun.	
		*					19/04
1385 21835	Southwest Channel Entrance Lighted Bell Buoy 1	27 32 31 N 82 47 53 W	Fl G 2.5s		4	Green.	
		*					19/04

### SAVANNAH RIVER AND WASSAW SOUND (Chart 11512)

#### Tybee Range

4530 350	Tybee Lighted Buoy T	31 57 52 N 80 43 09 W	Mo (A) W		6	Red and white stripes with red spherical topmark.	RACON G (---).
		*					19/04

### ALTAMAHIA SOUND (Chart 11508)

#### Altamaha Sound

5950	- Lighted Buoy 2	31 18 30 N 81 13 48 W	Fl R 2.5s			Red.	
		*					19/04

#### Mile Point

7260	- LOWER RANGE FRONT LIGHT	30 22 43 N 81 27 09 W	Q G	20	KRW on skeleton tower on piles.	Visible all around; higher intensity on rangeline.	
		*					19/04

**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 III LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
9970 45120	- LIGHT 16	27 27 48 N 80 19 36 W	Q G	12	3	SG on pile.	*
				*		*	19/04
14880	- Lighted Buoy 12	24 31 58 N 81 48 54 W	Q R		3	Red.	*
							19/04
<b>Key West Southwest Channel</b>							
15155	- Wreck Lighted Buoy WR5	24 32 34 N 81 49 32 W	Q G		3	Green.	*
				*			19/04
<b>TAMPA BAY ENTRANCE (Chart 11415)</b>							
<b>Tampa Bay</b>							
<b>Southwest Channel</b>							
21835 1385	- Entrance Lighted Bell Buoy 1	27 32 31 N 82 47 53 W	Fl G 2.5s		4	Green.	*
				*			19/04
24730	- Shoal Daybeacon	27 43 19 N 82 36 05 W				NW on pile worded SHOAL.	*
							19/04
38360	- LIGHT 5		Fl G 2.5s			SG-SY on pile.	Obscured from 130° to 260°.
		*	*				*
*40608	- LIGHT 17		Fl G 4s		4	SG-SY on pile.	*
							19/04
40615	- Junction Daybeacon					JG on pile.	*
		*	*	*	*		19/04
45120 9970	FORT PIERCE INLET INNER HARBOR LIGHT 16	27 27 48 N 80 19 36 W	Q G	16	3	SG on pile.	*
				*			19/04
46610	- LIGHT 39	26 46 47 N 80 02 42 W	Fl G 4s	12	4	SG-SY on pile.	*
							19/04
60580	- Daybeacon 13	27 41 34 N 82 40 16 W				SG-SY on pile.	*
							19/04

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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
586	PORT ORFORD JETTY LIGHT 3	42 44 16 N 124 29 50 W	Fl G 2.5s	15	4	SG on skeleton tower.	Ra ref.  * 19/04
12873	- Pump Station Safety Zone Lighted Buoys (2)	45 55 25 N 119 07 19 W	Fl W 4s			White can with orange bands and orange diamond with cross worded DANGER CLOSED AREA.	Private aid.  * 19/04
14980	- Channel Lighted Buoy 6	45 28 39 N 122 40 06 W	Fl R 2.5s		3	Red.	
15400	- LIGHT 3	46 41 16 N 123 59 40 W	Fl G 6s	15	4	SG on pile.	
15475	- Daybeacon 2	46 31 11 N 123 58 35 W				TR on pile.	
15585	POINT CHEHALIS RANGE FRONT LIGHT	46 54 31 N 124 07 23 W	Q W	27		KRB on pile structure.	Visible 1.5° each side of rangeline. Lighted throughout 24 hours.  * 19/04
15635	- SOUTH REACH LIGHT 16	48 55 08 N 124 05 00 W	Fl R 4s	15	4	TR on dolphin.	Higher intensity beam up and down channel.  * 19/04
15685	- NORTH CHANNEL RANGE B FRONT LIGHT	46 55 28 N 124 01 41 W	Q W	24	5	KRB on skeleton tower on pile structure.	Visible all around; higher intensity on rangeline.  * 19/04
*21530	KINGS CREEK JUNCTION LIGHT KC		Fl (2+1) G 6s	15	3	JG on multi-pile structure.	
*40552	- NORTHEAST DANGER LIGHTS (4)	26 04 54 N 97 11 51 W	Fl W 2.5s	12		On pile structure.	Private aid.  * 19/04
*40552.1	- NORTHEAST DANGER LIGHTS (5)	26 04 54 N 97 12 02 W	Fl W 2.5s	12		On pile structure.	Private aid.  * 19/04
*40552.15	- SOUTHWEST DANGER LIGHTS (5)	26 04 52 N 97 12 01 W	Fl W 2.5s	12		On pile structure.	Private aids.  * 19/04

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## SECTION II

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

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(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*40552.2	- SOUTHEAST DANGER LIGHTS (4)	26 04 57 N 97 11 50 W	F1 W 2.5s	12		On pile structure.	Private aids.

19/04

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

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(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>LAKE HURON (Chart 14860)</b>							
10010	NOAA Lighted Weather Buoy 45008	44 16 30 N 82 24 54 W	F1 (4) Y 20s 1s fl 1.5s ec. 1s fl 1.5s ec. 1s fl 1.5s ec. 1s fl 11.5s ec.			Yellow disc-shaped hull.	Replaced by can from Dec. 1 to Apr. 1.

\*

19/04

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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
30415 <i>E 6039.91</i>	Sharm El-Sheikh entrance, W. side.	27° 50.5' N 34° 16.6' E	Oc.R. period 5s lt. 3s, ec. 2s	23 7	3	Red beacon.	*
30415.5 <i>E 6039.9</i>	-E. side.	27° 51.0' N 34° 17.2' E	Oc.G. period 5s lt. 3s, ec. 2s	23 7	3	Green beacon.	19/04
30496 <i>E 6048.8</i>	Schermo Reef.	24° 03.3' N 37° 51.5' E	Fl.W. period 5s	33 10	11	Mast on concrete block.	Horn: 1 bl. ev. 20s (bl. 4s, si. 16s).
RACON			Y(-•-) period 75s		12		*
30511.1 <i>E 6049.6</i>	-King Fahd Port Range, front.	23° 57.9' N 38° 11.6' E	Q.W.			Red and white structure, black triangular daymark, white stripe, point up.	19/04
30511.2 <i>E 6049.61</i>	-Rear, 220 meters 037°51' from front.	23° 58.0' N 38° 11.7' E	Iso.W. period 7s			Red and white structure, black triangular daymark, white stripe, point up.	*
							19/04

### 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
2868 <i>D 1866</i>	-Marin, W. mole, head.	42° 23.9' N 8° 42.3' W	Fl.(3)G. period 9s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	30 9	6	Green round column, white base; 20.	*
17076 <i>E 4899</i>	-On shoal spit, about 0.65 km. 034° from Marmaraeglisi.	40° 58.2' N 27° 57.9' E	Q.(3)W. period 10s	20 6	8	E. CARDINAL BYB, beacon, topmark; 16.	19/04
17294 <i>E 4916.3</i>	-Aydinbey Yarimadasi, S. head.	40° 51.6' N 29° 15.4' E	Fl.R. period 5s fl. 1s, ec. 4s	23 7	8	Metal framework tower; 10.	*
17604 <i>E 4990</i>	Pomorie, SE. reef.	42° 33.1' N 27° 39.8' E	Q.(3)W. period 10s	39 12	6	Black round stone tower, yellow band; 26.	*
							19/04

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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
VARNENSKI ZALIV:							
17624 -Nos Galata. E 5000		43° 10.3' N 27° 57.8' E	Fl.(3)W. period 15s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 2s fl. 0.5s, ec. 10s	249 <b>76</b>	26	White octagonal tower and dwelling, beige stripes; 72.	Nautophone: Mo.(W) ev. 30s.
				*	*	*	19/04
17788 -Girlo Prorva, Provincki, at E 5041 3.23 km., channel, E. side.		45° 28.1' N 29° 43.4' E	L.Fl.(2)W. period 9s fl. 2s, ec. 1s fl. 2s, ec. 4s	95 <b>29</b>	12	Green truncated pyramidal metal framework tower, grey base; 92.	Visible 103°-350°. Traffic signals.
-RACON			P(---) period 30s		18		*
							19/04
17792 Provincki Rezervnyy. E 5041.2		45° 28.6' N 29° 44.3' E	Fl.W. period 7s fl. 1s, ec. 6s		12	Red framework tower; 56.	Visible 207°30'-006°30'. Shown when Girlo Prorva is extinguished.
			*				19/04
17796 --Entrance Range, front. E 5042		45° 27.9' N 29° 43.2' E	F.R.	33 <b>10</b>	6	Black rectangular daymark, black round topmark; 39.	*
							19/04
17800 ---Rear, 0.7 km. 219°12' from front. E 5042.1		45° 27.6' N 29° 42.8' E	F.R.	56 <b>17</b>	6	Black rectangular daymark, black round topmark; 59.	*
							19/04
17964 --Mole T-head, SE. head. E 5100		46° 30.6' N 30° 44.3' E	Fl.Bu. period 3s	33 <b>10</b>	1	White round metal column; 26.	*
							19/04
17972 -Second Channel Approach Range, front. E 5104							Remove from list.
							*
17972.1 --Rear, 185 meters 286°36' from front. E 5104.1							Remove from list.
							*
17988 Grigoryevskiy. E 5107		46° 35.9' N 31° 00.1' E	Fl.W. period 3s fl. 0.5s, ec. 2.5s	197 <b>60</b>	18	White round concrete tower, black can topmark, lower part truncated cone; 49.	Visible 272°-060°. Reserve light F.I.R. 5s 8M.
							19/04
18080 -Adzhigiol'skay Kosy Range, front. E 5146		46° 36.8' N 31° 47.9' E	F.I.R. period 2.5s fl. 0.5s, ec. 2s	26 <b>8</b>	2	White stone tower, black rectangular daymark, white stripe; 22.	Visible 280°-050°. Shown when lighted buoys are withdrawn.
							*
							19/04

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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
18084 <i>E 5146.1</i>	-Rear, 160 meters 350° from front.	46° 36.8' N 31° 47.8' E	Iso.W. period 4s	33 10	4	White stone tower, black rectangular daymark, white stripe; 29.	Visible 280°-050°. * 19/04
18776 <i>E 5520</i>	Kryva Kosa.	47° 03.0' N 38° 08.0' E	Fl.W. period 7.5s fl. 1.5s, ec. 6s	59 18	13	Red metal framework tower, red round daymark; 52.	*
20162 <i>E 4665.7</i>	Akbuk-Panayir Adasi.	37° 19.7' N 27° 19.7' E	Fl.(3)W. period 15s	115 35	12	Concrete tower; 29.	*
20168 <i>E 4665.6</i>	-Incegol Burnu.	37° 13.8' N 27° 30.3' E	Fl.W. period 3s fl. 0.3s, ec. 2.7s	43 13	12	White concrete tower; 29.	*
		*	*	*	*	*	19/04

### 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
*12114 -Kara Osta Range No. 1, front.		56° 32.7' N 21° 01.2' E	Iso.G. period 3s	49 15	1	Framework tower, white rectangular daymark, black stripe; 33.	Visible on range line only. Shown by day. 19/04
*12114.1 - -Rear, 160 meters 097°30' from front.		56° 32.6' N 21° 01.4' E	Iso.G. period 3s	69 21	1	Framework tower, white rectangular daymark, black stripe; 49.	Visible on range line only. Shown by day. 19/04
*12115 -Kara Osta Range No. 2, front.		56° 32.4' N 21° 01.8' E	Iso.R. period 2s	39 12	1	Framework tower, white rectangular daymark, red stripe; 33.	Visible on range line only. Shown by day. 19/04
*12115.1 - -Rear, 161 meters 113°48' from front.		56° 32.4' N 21° 02.0' E	Iso.R. period 2s	52 16	1	Framework tower, white rectangular daymark, red stripe; 39.	Visible on range line only. Shown by day. 19/04
*12116 -Kara Osta Range No. 3, front.		56° 32.5' N 21° 01.4' E	Iso.W. period 3s	46 14	1	Framework tower, white rectangular daymark, black stripe; 33.	Visible on range line only. Shown by day. 19/04
*12116.1 - -Rear, 171 meters 271° from front.		56° 32.5' N 21° 01.2' E	Iso.W. period 3s	62 19	1	Framework tower, white rectangular daymark, black stripe; 36.	Visible on range line only. Shown by day. 19/04
17264 <i>C 4442</i>	Laitakari, E. side.						Remove from list.
						*	19/04

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## SECTION II

PUBLICATIONS AFFECTED BY NOTICE TO MARINERS  
THROUGH NM 19/04

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.
<b>NGA HYDRO CATALOG CATP2V01U</b>			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, 19/04	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, 3,5,7,10,11,14,15/04	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	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	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, 14/04	SDPUB141	2001	21*,38/01	SDPUB193	2000	27*,38,49,09/26, 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	SDPUB142	2000	49/00*;3,31,35/01; 1,15,43/02	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	SDPUB147	2001	35/01*;21,22,23, 24/02;39,40,41,46, 50/03;10,12,15, 19/04	SDPUB200	2002	38*,39,42/02;22,27, 34,41,51,52/03
Region 8	2002	1*,14,37,41,46, 52/03	SDPUB148	2001	48/01*;23,24/02;22, 42,43,45,48,50, 52/03;5,13,14/04	<b>USCG LIGHT LIST VOLUMES I - VII</b>		
Region 9	2002	1*,34,40,43,45,48, 50,51,52/03;1,7,11, 14,15/04	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	COMDTM165021	2003	17*,18,19,20,21,22, 23,24,25,26,27,28, 29,30,31,32,33,34, 36,37,38,39,40,41, 42,43,44,45,48,50, 52/03;3,4,6,7,8,9,10, 12,14,15,16,17,18, 19/04
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, 18,19/04	SDPUB154	2002	17*,19,31,42,44,45, 46,48,50/02;3,14,19, 23,30,41,42,47/03; 10,12,13,16,19/04	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, 15,16,17,18,19/04
<b>NGA LIST OF LIGHTS</b>			SDPUB155	2001	31*,48/01;10,45, 46/02	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, 15,16,17,18,19/04
LLPUB110	2004	10*,14,15,19/04	SDPUB159	2002	42*,48/02;10,13, 15/04	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, 15,16,17,18,19/04
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	SDPUB154	2002	17*,19,31,42,44,45, 46,48,50/02;3,14,19, 23,30,41,42,47/03; 10,12,13,16,19/04	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, 18/04
LLPUB112	2004	7*,9,10,11,12,14,15, 16,17,18,19/04	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	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, 18/04
LLPUB113	2003	46*,48,49,50,51, 52/03;1,2,3,4,5,6,7, 8,9,10,11,12,13,14, 15,16,17,18,19/04	SDPUB161	2002	23*,24,44,47,48/02; 5,12/03;10,14/04	COMDTM165025	2002	16/02*
LLPUB114	2004	18/04*	SDPUB162	2001	51/01*;5,12/03; 12/04	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, 18/04
LLPUB115	2003	42*,44,46,47,48,49, 51,52/03;1,3,5,7,10, 12,13,14,15,16, 17/04	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	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, 18/04
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, 15,16,17,18,19/04	SDPUB167	2001	40*,47,48,52/01;5,9, 14,16,41/02;23,24, 26,41/03	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, 18/04
<b>SAILING DIRECTIONS</b>			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, 19/04	COMDTM165027	2003	18*,20,21,22,23,24, 26,27,28,30,31,32, 33,34,35,36,37,38, 39,40,43,44,46,47, 48,49,50,52/03;1,2, 6,9,13,14,15,17, 19/04
CDPUBSD125	2003	19*,43,49,51,52/03	SDPUB173	2002	50*,51/02;3,22,24, 25,26,27,32,33,34, 37,38,39,40,51/03; 13,16,17/04	FLEET GUIDES		
CDPUBSD127	2003	39/03*	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	CDPUBFGPAC	2004	N17/04*
CDPUBSD131	2002	9/03*				FGPUB940ATL	2001	N47/01*
CDPUBSD132	2003	6/04*						
CDPUBSD143	2003	46/03*						
CDPUBSD145	2003	51/03*						
CDPUBSD146	2002	4/03*						
CDPUBSD157	2003	17/03*						
CDPUBSD158	2003	24/03*						
CDPUBSD164	2003	16/04*						
CDPUBSD191	2003	52/03*						
CDPUBSD192	2003	32*,36,38,39,40,41, 42,43/03						
CDPUBSD194	2002	6*,8,15,17,30,33,35, 37,38,39,40/03						
<b>NOS MISCELLANEOUS PUBLICATIONS</b>								
NOSPBCATALOG1	2000	19/04**						
NOSPBCATALOG2	2000	34/00**						
NOSPBCATALOG3	2000	28/00*						
NOSPBCATALOG4	2000	34/00*						

## SECTION II

PUBLICATIONS AFFECTED BY NOTICE TO MARINERS  
THROUGH NM 19/04

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.	
NOSPBCATALOGA	2003	19/04*	NOSPBTTECSTNSA4	2004	N1/04*	
NOSPBCATALOGG	2003	19/04*	NOSPBTTEURAFR4	2004	N1/04*	
NOSPBTWCSTNSA4			NOSPBTWCSTNSA4	2004	N1/04*	
<b>ALMANACS</b>			<b>TIDAL CURRENT TABLES</b>			
AIRALMANAC401	2004	29/03*	NOSPBTCTATCSTN4	2004	N1/04*	
NAUTALMANAC04	2004	29/03*	NOSPBTCTPACAS4	2004	N1/04*	
<b>COAST PILOT</b>						
NOSPBCP1	34	18/04*				
NOSPBCP2	33	5*,6,9/04				
NOSPBCP3	37	14*,18/04				
NOSPBCP4	35	34*,36,39,42,44,46, 47,51/03;6,7,8,9,11, 12,19/04				
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*,19/04				
NOSPBCP8	25	32*,33,34,39,42,48, 51/03;1,7,8,10,17, 18/04				
NOSPBCP9	21	30*,32,33,36,39,42, 48,51/03;8,18,19/04				
<b>RADIO NAVIGATIONAL AIDS</b>						
RAPUB117	2002	50/02*;13/03				
<b>AMERICAN PRACTICAL NAVIGATOR</b>						
NVPUB9	2002	36/02*;14,38/03				
<b>INTERNATIONAL CODE OF SIGNALS</b>						
CDPUBNV102	2003	20/03*				
<b>WORLD PORT INDEX</b>						
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				
<b>DISTANCES BETWEEN PORTS</b>						
NVPUB151	2001	4/02*				
<b>RADAR NAVIGATION AND MANEUVERING BOARD MANUAL</b>						
CDPUBNV1310	2001	51/01*				
<b>SIGHT REDUCTION TABLES (MARINE)</b>						
SRPUB229V1	1970	11/71*				
SRPUB229V2	1970	11/71*				
SRPUB229V3	1970	7/71*				
SRPUB229V4	1970	3/71*				
SRPUB229V5	1970	3/71*				
SRPUB229V6	1970	23/70*				
<b>SIGHT REDUCTION TABLES (AIR)</b>						
SRPUB249V1	2000	4/01*				
SRPUB249V2	1952	46/52*				
SRPUB249V3	1952	46/52*				
<b>CHART NO. 1</b>						
WOBZC1	1997	18/98*				
<b>CHART NO. 4</b>						
WOBZC4	1988	N23/91*				
<b>ATLAS OF PILOT CHARTS</b>						
NVPUB106	2002	42/03*				
NVPUB107	1998	30/99*				
NVPUB109	2001	49/02*				
<b>USCG NAVIGATION RULES</b>						
COMDTM166722D	1999	44/99*;52/00;16/04				
<b>NOS TIDE TABLES</b>						
NOSPBTTCWPACIN4	2004	N1/04*				

## SECTION III

NM 19/04

### 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 221200Z April 2004:

2003 series 108(26,27)	387(GEN) 2004 series	57(GEN) 79(26)	111(GEN) 125(11,26)	126(GEN) 127(14,51)	128(26) 130(11)
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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 151200Z to 221200Z April 2004.

124/04. CANCELED.

125/04(11,26). NORTH ATLANTIC. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS:
  - A. 0400Z TO 0359Z COMMENCING DAILY  
19 THRU 25 APR IN AREA BOUND BY  
30-45N 080-54W, 30-45N 080-11W,  
30-36N 080-11W, 30-34N 080-33W.
  - B. 0400Z TO 0359Z COMMENCING DAILY  
19 THRU 25 APR IN AREA BETWEEN  
29-10N 29-20N AND 079-40W 079-50W.
  - C. 1900Z TO 0359Z COMMENCING DAILY  
20 THRU 22 APR AND 0400Z TO 0500Z  
DAILY 21 THRU 23 APR IN AREA BETWEEN  
29-40N 29-50N AND 080-40W 080-30W.
  - D. 201700Z TO 202100Z APR IN AREA BETWEEN  
30-10N 30-00N AND 081-00W 081-10W.
2. CANCEL THIS MSG 260459Z APR.

(161310Z APR 2004)

126/04(GEN).

1. NAVAREA IV MESSAGES IN FORCE 171000Z APR 2004. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.  
2004 SERIES: 79(26), 111(GEN), 114(11,26), 125(11,26).
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 115/04.

(171010Z APR 2004)

127/04(14,51). NORTH ATLANTIC. ICE.

1. RADAR TARGET REPORTED IN 43-58.2N 042-16.8W ON 19 APR.
2. CANCEL THIS MSG 26 APR.

(191600Z APR 2004)

128/04(26). HAITI.

CHART 26147 (31ST ED.).

1. BUOY "2", FL R 4 SEC, ESTABLISHED IN 19-47-43.2N 072-11-15.9W.
2. BUOY "2A", FL R 4 SEC, ESTABLISHED IN 19-47-12.0N 072-11-15.3W.
3. BUOY "3", FL G 4 SEC, ESTABLISHED IN 19-47-09.9N 072-10-59.4W.
4. BEACON "2B", FL R 5 SEC, ESTABLISHED IN 19-46-34.8N 072-11-22.5W.
5. BEACON "3A", FL G 4 SEC, ESTABLISHED IN 19-46-32.8N 072-11-13.8W.
6. BEACON "4", FL R 4 SEC, ESTABLISHED IN 19-46-19.2N 072-11-21.3W.
7. BEACON "5", FL G 6 SEC, ESTABLISHED IN 19-46-20.2N 072-11-13.5W.
8. BUOY "7", FL G 4 SEC, ESTABLISHED IN 19-46-09.2N 072-11-10.9W.
9. BUOY "8", FL R 4 SEC, ESTABLISHED IN 19-45-39.9N 072-11-27.0W.
10. BEACON "9", FL G 2.5 SEC, ESTABLISHED IN 19-45-42.0N 072-10-58.5W.
11. BEACON "11", FL G 5 SEC, ESTABLISHED IN 19-45-16.2N 072-10-49.3W.

(191720Z APR 2004)

129/04. CANCELED.

130/04(11). FLORIDA-WEST COAST.

CHART 11426 (36TH ED.).

DANGEROUS WRECK IN 26-48.78N 082-24.61W.

(202006Z APR 2004)

## SECTION III

### HYDROLANTS

Messages in force 221200Z April 2004:

2000 series	1422(53)	2413(54)	449(53)	628(53,56)	659(54,56)
4265(44)	1472(35)	2414(54)	467(23)	631(37)	661(55)
2001 series	1731(35)	2416(54)	473(57)	632(53)	662(55)
611(44)	1944(53)	2418(52)	478(51)	633(53)	663(24)
2700(37)	1999(23)	2419(54)	480(22)	635(51)	664(24)
2002 series	2175(24)	2420(54)	505(52,53)	636(37)	665(24)
245(GEN)	2203(53)	2004 series	516(51,52)	639(GEN)	666(52)
246(GEN)	2297(24)	164(53)	519(51)	640(52,53)	667(53)
2003 series	2374(35)	169(51,52)	524(53)	641(53)	668(56)
41(37)	2384(23,24)	224(24)	526(53)	643(57)	670(24)
67(37)	2399(24)	272(24)	527(37)	649(55)	672(53)
544(55)	2406(54)	309(GEN)	571(53)	650(55)	673(51)
604(26,27)	2407(54)	359(51)	577(GEN)	651(14,51)	674(24)
738(35)	2408(54)	378(35)	593(56)	652(35,36)	675(24)
1117(37)	2409(54)	399(37)	607(51)	654(36)	676(24)
1242(24)	2410(54)	409(26)	614(54)	655(53)	

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 151200Z to 221200Z April 2004.**

628/04(53,56). EASTERN MEDITERRANEAN SEA.  
DISTRESS SIGNAL RECEIVED FROM 13 METER VESSEL,  
90 PERSONS ON BOARD, VICINITY 34-30N 013-05E.  
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP  
LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO MRCC ROME,  
TELEX: 4361 1172, PHONE: 3906 5908 4527, FAX: 390 6592 2737.

(151710Z APR 2004)

629/04 and 630/04. CANCELED.

631/04(37). DOVER STRAIT.  
CHART 37129 (6TH ED.).  
1. DANGEROUS WRECK IN 51-22.00N 002-12.90E  
MARKED BY SOUTH CARDINAL BUOYS IN:  
A. 51-21.61N 002-12.20E.  
B. 51-21.67N 002-13.29E.  
2. SALVAGE OPERATIONS IN PROGRESS UNTIL FURTHER  
NOTICE WITHIN 500 METERS OF WRECK.  
3. CANCEL HYDROLANT 2848/02 AND 1291/03.

(161010Z APR 2004)

632/04(53). SARDEGNA-SOUTHEAST COAST. HAZARDOUS OPERATIONS.  
1. HAZARDOUS OPERATIONS 20 THRU 30 APR IN AREA BOUND BY  
39-14N 009-53E, 39-04N 010-07E,  
39-00N 010-07E, 39-00N 009-53E.  
2. CANCEL THIS MSG 01 MAY.

(161050Z APR 2004)

633/04(53). EASTERN MEDITERRANEAN SEA.  
1. CABLE LAYING OPERATIONS 21 APR THRU 02 JUN BY  
CABLESHIP ILE DE BATS ALONG TRACKLINE JOINING  
35-54.8N 014-29.6E, 35-59.1N 014-38.1E,  
36-08.7N 015-03.2E, 36-11.8N 015-08.5E,  
36-23.4N 015-17.2E, 36-34.9N 015-24.7E,  
37-00.0N 015-37.2E, 37-15.7N 015-31.2E,  
37-22.8N 015-18.9E, 37-25.6N 015-08.7E,  
37-26.8N 015-05.2E.  
2. CANCEL THIS MSG 03 JUN.

(161600Z APR 2004)

635/04(51). NORTH ATLANTIC.  
1. SURVEY OPERATIONS IN PROGRESS UNTIL 26 APR  
BY M/V POSEIDON IN AREA BETWEEN  
27-30N 31-00N AND 013-00W 017-00W.  
WIDE BERTH REQUESTED.  
2. CANCEL THIS MSG 27 APR.

(161910Z APR 2004)

## SECTION III

636/04(37). ENGLAND-EAST COAST.

CABLE LAYING OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE BY BARGE PONTRA MARIS WITHIN ONE MILE OF 52-37.5N 001-45.5E. WIDE BERTH REQUESTED.

(170010Z APR 2004)

637/04 and 638/04. CANCELED.

639/04(GEN).

1. HYDROLANT MESSAGES IN FORCE 171100Z APR 2004. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.  
2004 SERIES: 399(37), 409(26), 449(53), 452(55), 467(23), 473(57), 478(51), 480(22), 505(52,53), 516(51,52), 519(51), 524(53), 526(53), 527(37), 557(37), 570(53), 571(53), 577(53), 593(56), 607(51), 611(36), 612(24), 614(54), 619(24), 627(54), 628(53,56), 630(24), 631(37), 632(53), 633(53), 634(54), 635(51), 636(37), 637(24), 638(24).
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 360/04, 594/04, 596/04.

(171140Z APR 2004)

640/04(52,53). TUNISIA-EAST COAST.

1. DERELICT 13 METER VESSEL ADRIFT VICINITY 35-25.2N 011-53.2E. REPORTS TO ANY COASTAL RADIO STATION.
2. CANCEL THIS MSG 24 APR.

(171210Z APR 2004)

641/04(53). SARDEGNA-WEST COAST. GUNNERY.

1. GUNNERY EXERCISES 19 APR THRU 16 MAY IN AREA BOUND BY 40-30-06N 008-20-18E, 40-29-58N 008-20-19E, 40-29-51N 008-21-12E.
2. CANCEL THIS MSG 17 MAY.

(171330Z APR 2004)

642/04. CANCELED.

643/04(57). SOUTH AFRICA-SOUTHWEST COAST.

MAN OVERBOARD FROM M/V JUTHA VASANA VICINITY 33-00.5S 016-53.6E. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO MRCC CAPE TOWN.

(171436Z APR 2004)

644/04 thru 648/04. CANCELED.

649/04(55). BLACK SEA.

1. GEOPHYSICAL OPERATIONS 23 APR THRU 30 DEC BY M/V ISKATEL TOWING TWO MILE LONG CABLE IN AREA BOUND BY 46-13.2N 031-09.2E, 45-18.0N 031-24.5E, 44-26.7N 031-38.7E, 44-18.3N 031-49.0E, 44-53.2N 030-07.5E, 45-07.7N 030-01.5E, 45-36.0N 029-57.0E, 45-58.2N 030-23.7E. THREE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 31 DEC.

(191210Z APR 2004)

650/04(55). BLACK SEA. ORDNANCE.

CHART 55130 (2ND ED).  
MINE IN 45-35N 031-39E.

(191225Z APR 2004)

651/04(14,51). NORTH ATLANTIC. ICE.

1. RADAR TARGET REPORTED IN 43-58.2N 042-16.8W ON 19 APR.
2. CANCEL THIS MSG 26 APR.

(191610Z APR 2004)

652/04(35,36). IRELAND-SOUTHEAST COAST.

CHART 36040 (16TH ED).  
TUSKAR ROCK LIGHT 52-12.2N 006-12.4W UNLIT.

(191630Z APR 2004)

653/04. CANCELED.

654/04(36). IRISH SEA.

UNDERWATER OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE BY CABLESHIP ATLANTIC GUARDIAN VICINITY 53-43N 004-12W. WIDE BERTH REQUESTED.

(191745Z APR 2004)

### SECTION III

NM 19/04

655/04(53). SARDEGNA-SOUTHWEST COAST. GUNNERY.

1. GUNNERY EXERCISES:

- A. 0600Z TO 1530Z DAILY 20 THRU 24 AND 26 THRU 29 APR  
IN AREA BOUND BY 38-55-10N 008-42-30E,  
38-50-00N 008-48-00E, 38-46-15N 008-48-00E,  
38-43-30N 008-41-15E, 38-49-00N 008-26-00E,  
38-56-10N 008-26-40E, 38-57-00N 008-37-06E.
- B. 0600Z TO 2159Z DAILY 23 AND 24 APR IN AREA BOUND BY  
38-55-10N 008-42-30E, 38-50-00N 008-50-00E,  
38-40-00N 008-50-00E, 38-40-30N 008-39-00E,  
38-40-00N 008-24-30E, 38-40-00N 008-50-00E,  
38-56-10N 008-26-40E, 39-00-00N 008-29-00E,  
39-00-00N 008-32-00E.

2. CANCEL THIS MSG 291630Z APR.

(191840Z APR 2004)

656/04 thru 658/04. CANCELED.

659/04(54,56). EASTERN MEDITERRANEAN SEA. GUNNERY.

1. GUNNERY EXERCISES 0500Z TO 0800Z AND 1000Z TO 1300Z  
DAILY 20 THRU 22 APR IN AREA BOUND BY  
31-52.0N 034-15.0E, 32-02.0N 033-58.0E,  
32-07.0N 033-20.0E, 31-55.0N 033-20.0E,  
31-38.0N 033-10.0E, 31-21.2N 033-42.4E,  
31-22.1N 033-45.4E.

2. CANCEL THIS MSG 221400Z APR.

(200755Z APR 2004)

660/04. CANCELED.

661/04(55). BLACK SEA. GUNNERY. MISSILES.

1. HAZARDOUS OPERATIONS 2000Z TO 1100Z COMMENCING DAILY  
22 AND 23 APR IN AREA BOUND BY 45-05.0N 036-58.0E, 44-32.5N 037-09.0E,  
44-07.0N 037-23.0E, 44-01.0N 037-00.0E, 44-02.2N 036-35.5E,  
44-30.0N 036-40.0E, 45-03.8N 036-34.6E, 45-07.0N 036-47.2E.

2. CANCEL THIS MSG 241200Z APR.

(201022Z APR 2004)

662/04(55). BLACK SEA. GUNNERY. ORDNANCE.

1. HAZARDOUS OPERATIONS 232000Z TO 241800Z AND  
242000Z TO 251800Z APR IN AREA BOUND BY  
43-45.9N 037-17.6E, 44-00.0N 037-10.0E  
44-03.0N 037-46.0E, 43-47.2N 038-11.9E  
43-39.5N 038-02.5E.

2. CANCEL THIS MSG 251900Z APR.

(201115Z APR 2004)

663/04(24). BRAZIL-EAST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 22 APR BY  
M/V RAMFORM VIKING TOWING EIGHT 6000 METER  
LONG CABLES IN AREA BETWEEN  
13-09S 13-45S AND 038-56W 038-31W.  
FOUR MILE BERTH REQUESTED.

2. CANCEL THIS MSG 23 APR.

(201315Z APR 2004)

664/04(24). BRAZIL-SOUTHEAST COAST.

1. SURVEY OPERATIONS IN PROGRESS UNTIL 240259Z APR  
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 240359Z APR.

(201325Z APR 2004)

665/04(24). BRAZIL-EAST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL  
22 APR BY M/V TROPICALIENTE TOWING  
TWO 20 METER LONG CABLES AND M/V BULLDOG  
TOWING TWO 15 METER LONG CABLES  
IN AREA BOUND BY 13-45.8S 038-56.4W,  
13-46.2S 038-56.6W, 13-48.5S 038-51.7W,  
13-48.1S 038-51.5W. ONE MILE BERTH REQUESTED.

2. CANCEL THIS MSG 23 APR.

(201335Z APR 2004)

666/04(52). SICILIA-NORTH COAST.

- CHART 52180 (14TH ED).  
PUNTA SOLANTO LIGHT 38-10.4N 012-46.1E UNLIT.

(201545Z APR 2004)

## SECTION III

667/04(53). SICILIA-NORTH COAST.  
 CHART 53242 (12TH ED).  
 CAPO ZAFFERANO LIGHT 38-06.6N 013-32.5E UNLIT.

(201610Z APR 2004)

668/04(56). LIBYA.  
 1. PIPELAYING OPERATIONS IN PROGRESS  
   UNTIL 30 OCT ALONG TRACKLINE BETWEEN  
   32-51.4N 012-14.4E AND 33-45.1N 012-41.0E.  
   TWO MILE BERTH REQUESTED.  
 2. CANCEL THIS MSG 31 OCT.

(201620Z APR 2004)

669/04. CANCELED.

670/04(24). BRAZIL-NORTH COAST.  
 CHART 24240 (5TH ED).  
 1. MORRO BRANCO LIGHT 04-09.6S 038-06.5W UNLIT.  
 2. CANCEL HYDROLANT 657/04(35), STATION RESTORED.

(210513Z APR 2004)

671/04. CANCELED.

672/04(53). TYRRHENIAN SEA.  
 1. SURVEY OPERATIONS 23 APR THRU 05 JUN  
   BY M/V URANIA:  
   A. IN AREA BETWEEN 38-38-48N 38-37-48N  
     AND 014-50-36E 014-52-36E.  
   B. IN AREA BETWEEN 39-29-13N 39-25-28N  
     AND 014-16-23E 014-23-48E.  
   C. WITHIN TWO MILES OF 39-29-18N 014-19-20E.  
     WIDE BERTH REQUESTED.  
 2. CANCEL THIS MSG 06 JUN.

(211415Z APR 2004)

673/04(51). STRAIT OF GIBRALTAR.  
 SURVEY OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE  
 BY M/V YEOMAN IN AREA BETWEEN 35-49.9N 36-03.0N AND  
 005-42.3W 005-36.8W. WIDE BERTH REQUESTED.

(211852Z APR 2004)

674/04(24). BRAZIL-EAST COAST.  
 1. SURVEY OPERATIONS IN PROGRESS UNTIL 250300Z APR  
   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 250400Z APR.

(220505Z APR 2004)

675/04(24). BRAZIL-EAST COAST.  
 1. SEISMIC SURVEY IN PROGRESS UNTIL 250259Z APR  
   BY M/V CGG HARMATTAN TOWING SIX 6000 METER  
   LONG CABLES IN AREA BOUND BY  
   19-53S 039-47W, 19-55S 039-47W,  
   19-55S 039-32W, 19-53S 039-32W.  
   FOUR MILE BERTH REQUESTED.  
 2. CANCEL THIS MSG 250359Z APR.

(220520Z APR 2004)

676/04(24). BRAZIL-SOUTHEAST COAST.  
 1. SURVEY OPERATIONS IN PROGRESS UNTIL 240259Z APR  
   BY M/V OCEAN EXPLORER TOWING 6000 METER  
   LONG CABLE IN AREA BOUND BY  
   22-15S 040-15W, 22-20S 040-18W,  
   22-26S 040-09W, 22-20S 040-08W.  
   ONE MILE BERTH REQUESTED.  
 2. CANCEL THIS MSG 240359Z APR.

(220530Z APR 2004)

## **SECTION III**

**NM 19/04**

### **NAVAREA XII**

Messages in force 221200Z April 2004:

2003 series 262(GEN)	2004 series 70(GEN)	112(19) 124(19,81)	125(GEN) 136(18)	139(81) 140(GEN)
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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 151200Z to 221200Z April 2004.**

137/04 and 138/04. CANCELED.

139/04(81). NORTH PACIFIC. ROCKETS.

1. HAZARDOUS OPERATIONS 1700Z TO 2000Z DAILY

20 THRU 24 APR IN AREA BOUND BY

15-00N 178-05E, 11-30N 179-05E,

10-17N 179-00E, 10-13N 178-34E,

14-56N 177-44E.

2. CANCEL THIS MSG 242100Z APR.

(161320Z APR 2004)

140/04(GEN).

1. NAVAREA XII MESSAGES IN FORCE 171000Z APR 2004. ONLY THOSE  
MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.

2004 SERIES: 112(19), 124(19,81), 125(GEN), 136(18), 139(81).

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 131/04.

(171020Z APR 2004)

141/04 and 142/04. CANCELED.

### SECTION III HYDROPACS

Messages in force 221200Z April 2004:

2001 series	1330(62)	403(62)	560(95)	624(82)	690(74)
1976(62)	1395(62)	426(74)	561(95)	629(81,92)	691(81,97)
2002 series	1699(63)	438(93)	562(94,95)	635(63)	692(63)
205(GEN)	1700(62)	453(61)	563(94,95)	643(22)	693(63)
206(GEN)	1911(62)	455(73)	564(71)	650(74)	694(62)
403(72,73)	1982(GEN)	460(94)	572(83)	655(71,93)	696(95,96)
2330(62)	2004(73,74)	464(63)	573(74)	659(63)	697(63)
2003 series	2265(62)	465(63)	583(61,63)	660(22)	698(62)
167(95)	2275(22)	485(81)	587(63,71)	661(93)	699(63)
207(62)	2004 series	487(76)	589(81)	671(71,93)	700(63)
495(62)	23(62)	493(63)	592(61)	673(63)	701(94,97)
496(62)	278(63)	494(61)	593(61)	675(95)	706(95,96)
506(62)	302(62)	495(61)	600(62)	677(63)	707(62)
638(62)	307(61)	527(71,93)	604(76)	678(81)	708(63)
760(63)	308(61)	530(61)	610(19,81)	679(76)	709(63)
761(63)	329(71)	534(29)	614(63)	680(62)	710(63)
993(62)	331(GEN)	537(76)	617(63)	681(63)	711(81)
998(71)	352(63)	552(76)	620(63)	682(76)	
1041(71)	387(22)	558(94,95)	622(GEN)	684(GEN)	
1198(92)	402(62)	559(94,95)	623(76)	687(63)	

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 151200Z to 221200Z April 2004.

677/04(63). INDIA-WEST COAST.

DISTRESS SIGNAL RECEIVED ON 243 MHZ IN 10-51.9N 73-00.1E.  
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,  
ASSIST IF POSSIBLE. REPORTS TO MRCC MUMBAI,  
TELEX: 71381, FAX: 9122 2433 3727.

(152050Z APR 2004)

678/04(81). NORTH PACIFIC. ROCKETS.

1. HAZARDOUS OPERATIONS 1700Z TO 2000Z DAILY  
20 THRU 24 APR IN AREA BOUND BY  
15-00N 178-05E, 11-30N 179-05E,  
10-17N 179-00E, 10-13N 178-34E,  
14-56N 177-44E.
2. CANCEL HYDROPAC 676/04.
3. CANCEL THIS MSG 242100Z APR.

(160650Z APR 2004)

679/04(76). NEW ZEALAND. NORTH ISLAND-WEST COAST.

1. SURVEY OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE  
BY MV OCEAN ENDEAVOUR TOWING ONE MILE LONG CABLE  
VICINITY 38-54S 174-16E. TWO MILE BERTH REQUESTED.
2. CANCEL HYDROPAC 630/04.

(160940Z APR 2004)

680/04(62). GULF OF SUEZ.

1. PIPELINE OPERATIONS IN PROGRESS UNTIL 10 MAY  
BY BARGES VICINITY OF TRACKLINE BETWEEN  
28-12.9N 033-20.2E AND 28-09.5N 033-17.9E.  
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 11 MAY.

(161040Z APR 2004)

681/04(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0330Z TO 1530Z DAILY  
20 AND 23 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 231630Z APR.

(161330Z APR 2004)

682/04(76). SOUTH PACIFIC. NEW ZEALAND.

17 FOOT VESSEL TIGHT LINES, TWO PERSONS ON BOARD, OVERDUE  
KAWHIA HARBOUR. VESSELS IN VICINITY REQUESTED  
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.  
REPORTS TO MARITIME OPERATIONS NEW ZEALAND,  
INMARSAT-C: 4512 00067, PHONE: 644 914 8333,  
FAX: 644 914 8334 OR TAUPO MARITIME RADIO.

(162020Z APR 2004)

## SECTION III

683/04. CANCELED.

684/04(GEN).

1. HYDROPAC MESSAGES IN FORCE 171100Z APR 2004. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.  
2004 SERIES: 426(74), 438(93), 453(61), 455(73), 460(94),  
464(63), 465(63), 485(81), 487(76), 493(63), 494(61), 495(61),  
523(63), 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),  
588(63), 589(81), 592(61), 593(61), 600(62), 604(76),  
610(19,81), 614(63), 617(63), 620(63), 622(GEN), 623(76),  
624(82), 629(81,92), 635(63), 643(22), 650(74), 655(71,93),  
657(63), 658(63), 659(63), 660(22), 661(93), 671(71,93),  
673(63), 675(95), 677(63), 678(81), 679(76), 680(62),  
681(63), 682(76), 683(22).  
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 394/04, 645/04.

(171150Z APR 2004)

685/04 and 686/04. CANCELED.

687/04(63). INDIA-WEST COAST. ROCKETS.

1. HAZARDOUS OPERATIONS 1330Z TO 1700Z DAILY 21 AND 22 APR WITHIN 75 MILES OF 08-31.9N 076-52.1E.
2. CANCEL THIS MSG 221800Z APR.

(171612Z APR 2004)

688/04 and 689/04. CANCELED.

690/04(74). AUSTRALIA-NORTHEAST COAST.

CHART 74240 (8TH ED.)  
BROOK ISLANDS LIGHT 18-09.5S 146-18.2E UNLIT.

(181229Z APR 2004)

691/04(81,97). NORTH PACIFIC.

DISTRESS SIGNAL RECEIVED ON 121.5 MHZ IN 25-06-50N 154-25-12E AT 190841Z APR. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO JAPAN COAST GUARD.

(191002Z APR 2004)

692/04(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 220730Z TO 220930Z APR IN AREAS BOUND BY:  
A. 18-54.6N 072-50.6E, 18-50.0N 072-54.5E,  
18-54.5N 072-55.0E, 18-55.2N 072-54.8E.  
B. 18-54.6N 072-50.6E, 18-50.0N 072-54.5E,  
18-48.0N 072-52.0E, 18-54.1N 072-49.8E.  
C. 18-48.0N 072-38.0E, 18-53.6N 072-48.7E,  
19-00.0N 072-44.1E, 19-00.0N 072-38.0E.  
2. CANCEL THIS MSG 221030Z APR.

(191240Z APR 2004)

693/04(63). INDIA-WEST COAST.

CHART 63150 (1ST ED.)  
ANDROTH ISLAND LIGHT 10-48.6N 073-42.1E UNLIT.

(191310Z APR 2004)

694/04(62). PERSIAN GULF.

1. IN RESPONSE TO ALL MARINERS THAT HAVE HELPED COALITION MARITIME FORCES IN THE GLOBAL WAR ON TERROR AND TO CONTINUE BUILDING RELATIONS WITH A LARGER AUDIENCE, COALITION MARITIME BROADCASTS BEGAN SHORT-WAVE HF RADIO BROADCASTS ON 15 APRIL DISSEMINATING POPULAR REGIONAL AND INTERNATIONAL MUSIC AS WELL AS INFORMATION IN ARABIC, FARSI, HINDI, PASHTU, URDU, AND ENGLISH. THE INFORMATION PORTIONS WILL PROVIDE LISTENERS METHODS TO CONTINUE ASSISTING COALITION MARITIME FORCES IN IDENTIFYING AND REPORTING TERRORIST ACTIVITY CONDUCTED AT SEA. MARINERS CAN LISTEN TO THE MORNING BROADCAST BETWEEN THE HOURS OF 0300Z TO 0800Z ON 6125 KHZ AND THE EVENING BROADCAST BETWEEN 1400Z TO 1900Z ON 15500 KHZ.
2. IN RECENT MONTHS, SEVERAL COUNTRIES HAVE EXPERIENCED AN INCREASED LEVEL OF TERRORIST ATTACKS DIRECTLY AFFECTING THE CITIZENS ECONOMY AND WAY OF LIFE.

### SECTION III

NM 19/04

THE COALITION REQUESTS YOUR CONTINUED SUPPORT IN IDENTIFYING AND REPORTING ANY ACTIVITY SUSPECTED OF SUPPORTING TERRORIST GROUPS IN THE REGION. WITH YOUR HELP, THE COALITION CAN PROVIDE INCREASED SAFETY AND WELL-BEING FOR YOUR FAMILIES, INDIVIDUALS OR COMPANIES CAUGHT TRANSPORTING TERRORISTS OR TERRORIST RELATED CARGO ARE ADVISED THEY MAY BE SUBJECT TO IMPRISONMENT, CONFISCATION OF PROPERTY OR BOTH.

3. REPORT TERRORIST ACTIVITY TO ANY COALITION BOARDING TEAM MEMBER, COALITION EMBASSY OR TO THE COALITION REWARDS FOR JUSTICE PROGRAM, PHONE: 001-800-877-3927 OR WWW.REWARDSFORJUSTICE.NET.

(191420Z APR 2004)

695/04. CANCELED.

696/04(95,96). MISSILES.

1. HAZARDOUS OPERATIONS 2100Z TO 0200Z COMMENCING DAILY 23 AND 24 APR, 0400Z TO 0800Z DAILY 24 AND 25 APR IN AREA BOUND BY 41-49.0N 132-26.0E, 42-38.3N 131-31.0E, 42-45.0N 132-02.0E, 42-37.7N 133-12.5E, 42-06.0N 133-05.0E.
2. CANCEL THIS MSG 250900Z APR.

(192230Z APR 2004)

697/04(63). INDIA-WEST COAST.

1. F/V RIFAYATH SANK VICINITY 11-20N 075-15E ON 15 APR. FOUR PERSONS STILL MISSING. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO MRCC MUMBAI, TELEX: 008 1117 1381, PHONE: 009 122 2431 6558.
2. CANCEL HYDROPAC 683/04.

(200855Z APR 2004)

698/04(62). PERSIAN GULF. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0730Z TO 1000Z DAILY 22 AND 23 APR IN AREA BOUND BY 27-50N 049-36E, 27-26N 049-51E, 27-27N 050-27E, 27-37N 050-22E, 27-51N 049-52E.
2. CANCEL THIS MSG 231100Z APR.

(201000Z APR 2004)

699/04(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 230230Z TO 240930Z APR IN AREA BETWEEN 14-11.0N 13-51.0N AND 074-27.8E 074-04.5E.
2. CANCEL THIS MSG 241030Z APR.

(201140Z APR 2004)

700/04(63). INDIA-WEST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 01 JUN BY M/V ORIENT EXPLORER IN AREA BETWEEN 22-56N 22-40N AND 068-10E 068-45E.
2. CANCEL HYDROPAC 277/04.
3. CANCEL THIS MSG 02 JUN.

(201155Z APR 2004)

701/04(94,97). EAST CHINA SEA.

1. UNDERWATER OPERATIONS 21 APR THRU 20 JUL BY M/V NAN HAI 5 WITHIN ONE MILE OF 29-07.5N 124-55.6E.
2. CANCEL THIS MSG 21 JUL.

(201245Z APR 2004)

702/04 thru 705/04. CANCELED.

706/04(95,96). SEA OF JAPAN. MISSILES.

1. HAZARDOUS OPERATIONS 0400Z TO 0900Z DAILY 26 AND 27 APR IN AREA BOUND BY 42-47.0N 132-24.0E, 42-05.5N 132-05.5E, 41-27.5N 132-23.0E, 40-44.2N 136-05.5E, 42-05.5N 136-48.0E, 43-20.5N 136-07.0E, 42-28.0N 133-04.0E.
2. CANCEL THIS MSG 271000Z APR.

(210915Z APR 2004)

707/04(62). RED SEA. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0300Z TO 1500Z DAILY 24 APR THRU 08 MAY IN AREA BOUND BY 21-06.0N 038-58.5E, 21-05.5N 039-07.0E, 21-13.5N 039-06.2E, 21-13.4N 038-58.5E.
2. CANCEL THIS MSG 081600Z MAY.

(211130Z APR 2004)

### SECTION III

708/04(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 230330Z TO 230730Z APR WITHIN 13 MILES OF 21-39.0N 069-33.9E.
2. CANCEL THIS MSG 230830Z APR.

(211155Z APR 2004)

709/04(63). INDIA-EAST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0030Z TO 1230Z DAILY 24 THRU 26 APR IN AREA BOUND BY 19-14.6N 084-53.6E, 19-11.6N 084-51.4E, 19-04.6N 085-00.9E, 19-05.2N 084-50.7E, 19-12.4N 084-48.3E.
2. CANCEL THIS MSG 261330Z APR.

(211205Z APR 2004)

710/04(63). INDIA-WEST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 30 JUN BY M/V RAMFORM VICTORY TOWING SIX 6000 METER LONG CABLES IN AREA BOUND BY 21-25N 067-08E, 21-25N 067-50E, 20-40N 067-50E, 20-40N 066-50E, 20-47N 066-50E. WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 01 JUL.

(211520Z APR 2004)

711/04(81). NORTH PACIFIC. CAROLINE ISLANDS.

DISTRESS SIGNAL RECEIVED ON 406 MHZ IN 04-20.5N 162-43.6E AT 220511Z APR. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO U.S. COAST GUARD GUAM.

(220634Z APR 2004)

#### 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](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 22 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](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 22 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](http://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](mailto: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:

11401	30 <sup>th</sup> Ed. Apr 2004 NEW EDITION FL-APALACHICOLA BAY TO CAPE SAN BLAS (New edition due to numerous Notice to Mariner changes.)	NAD 83	(NOS Silver Spring, MD) 1:80,000/LORAN-C
11505	2 <sup>nd</sup> Ed. Apr 2004 NEW EDITION SC-GA-SAVANNAH RIVER APPROACH (New edition due to numerous Notice to Mariner changes and changes in hydrography.)	NAD 83	(NOS Silver Spring, MD) 1:40,000
12252	24 <sup>th</sup> Ed. Apr 2004 NEW EDITION VA-JAMES RIVER-JORDAN POINT TO RICHMOND (New edition due to numerous Notice to Mariner changes.)	NAD 83	(NOS Silver Spring, MD) 1:20,000
16300	9 <sup>th</sup> Ed. Mar 2004 NEW EDITION AK-WEST COAST-KUSKOKWIM BAY (New edition due to change in format.)	NAD 83	(NOS Silver Spring, MD) 1:200,000/LORAN-C

## UNITED STATES COAST GUARD NAVIGATION INFORMATION SERVICE

The United States Coast Guard Navigation Information Service (NIS), operated by the USCG Navigation Center, provides information for all radionavigation systems. The NIS is staffed 24 hours a day, 7 days a week, providing information on the current operational status, effective policies, and general information for GPS, DGPS, and LORAN-C. The NIS also disseminates Safety Broadcasts (BNM), Local Notice to Mariners (LNM) and the latest Notice Advisory to Navstar Users (NANU). NANU notices can also be obtained via e-mail subscription through the USCG Navigation Center website (<http://www.navcen.uscg.gov/gps/default.htm>). In addition, the NIS investigates all reports of degraded or loss of GPS, DGPS or LORAN-C service. Mariners are encouraged to report all degradation of radionavigation services to the NIS via any of the following: Phone: 703-313-5900, Email: [webmaster@navcen.uscg.mil](mailto:webmaster@navcen.uscg.mil), or on the World Wide Web at <http://www.navcen.uscg.gov>.

## NGA SAILING DIRECTIONS NOW AVAILABLE ON THE WWW

All volumes of NGA Sailing Directions are now available via NGA's Maritime Safety Information Website at <http://www.pollux.nss.nga.mil/sdr>. This new access is of particular importance to our non-military users, since the Sailing Directions publications are no longer available to these customers, either in printed form or on CD-ROM.

## 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) \_\_\_\_\_

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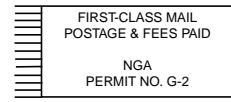
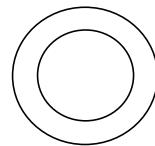
Digitized by srujanika@gmail.com

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**

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## ARCTIC MARITIME SAFETY INFORMATION REPORT SHEET

Observer \_\_\_\_\_

Ship/Organization \_\_\_\_\_

Phone \_\_\_\_\_ Email Address\_\_\_\_\_

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

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

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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): \_\_\_\_\_

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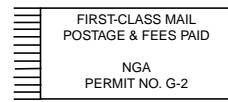
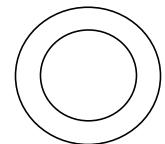
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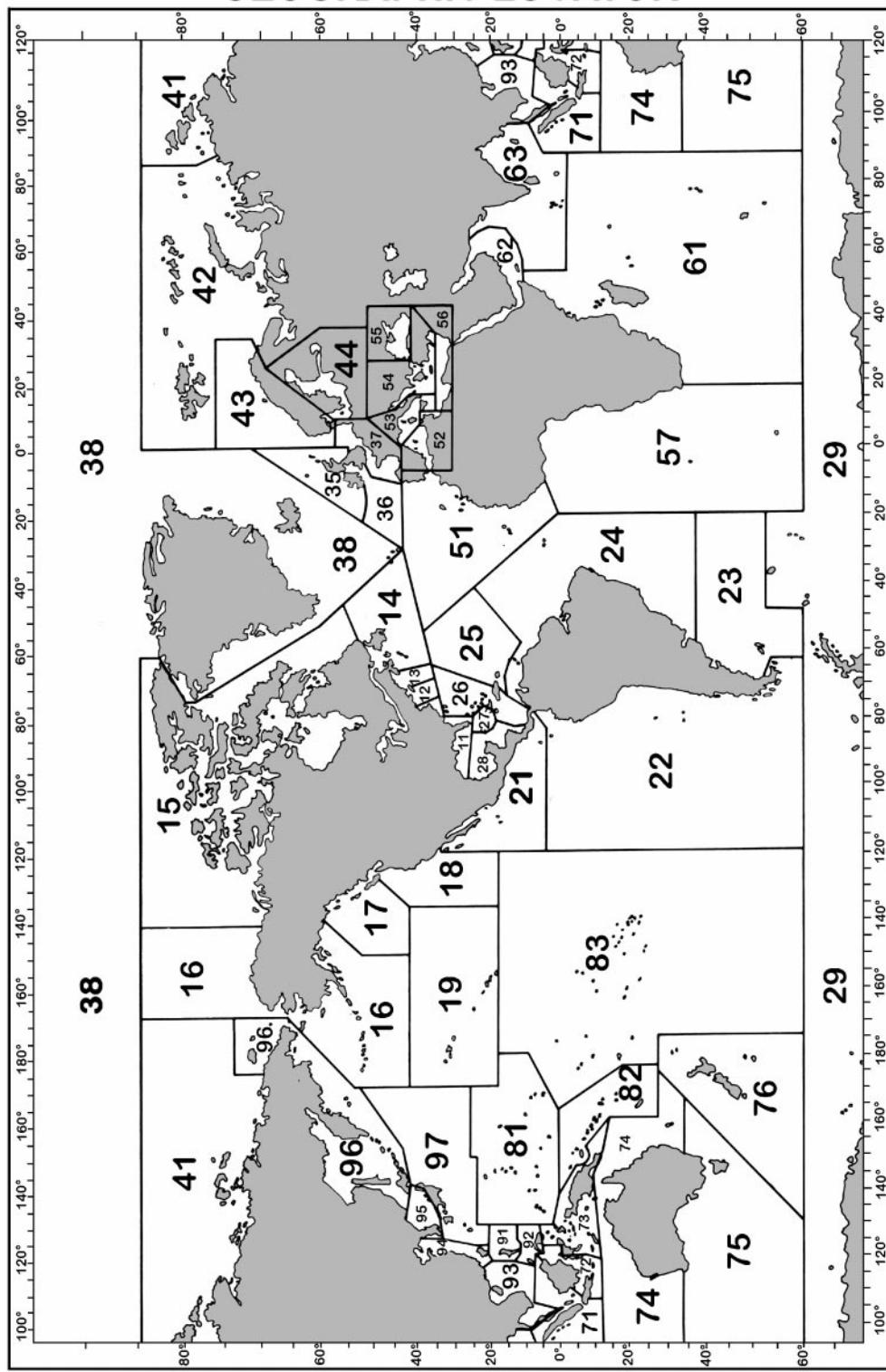
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## GEOGRAPHIC LOCATOR



For chart numbering purposes, the world is divided into nine regions, each corresponding to the geographic limits of one of the nine regions in the NGA 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 Sub-region 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

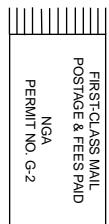
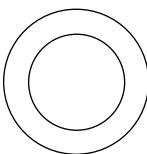
ATTN: JNAH

8000 JEFFERSON DAVIS HIGHWAY  
RICHMOND, VIRGINIA 23297-5338

OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE \$500

FIRST CLASS



**IMPORTANT  
NAVIGATIONAL INFORMATION  
TIME-DATED**



**NOTICE TO  
MARINERS**

**PLEASE EXPEDITE DELIVERY**