



No. 33

14 AUGUST 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

Contents

Section I

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

Section II

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

Section III

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

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



NSN 7642015139808
NGA REF.NO. NMXXX0433

IMPORTANT INFORMATION

The Notice to Mariners is published by the National Geospatial-Intelligence Agency (NGA), under the authority of Department of Defense Directive 5105.40, to advise mariners of important matters affecting navigational safety, including new hydrographic discoveries, changes in channels and navigational aids, etc. (U.S. Code Title 10, Sec. 442 and Title 44, Sec. 1336 refer). Nothing in the arrangement of information implies endorsement or acceptance by NGA in matters affecting the status and boundaries of States and territories. The Notice to Mariners presents corrective information affecting charts, NGA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NGA List of Lights, Radio Navigational Aids and other products produced by the National Geospatial-Intelligence Agency, National Ocean Service and U.S. Coast Guard.

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

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

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

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

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

<u>Observer</u>	<u>Ship/Organization</u>
QM2 Robert Cromer	USS BELLEAU WOOD

Cover Photo: LCVP-Officially designated as a Landing Craft, Vehicles and Personnel, this small craft was more commonly known by the name of its inventor, New Orleans businessman Andrew Jackson Higgins. A modification of Higgins' Eureka workboat, the LCVP was highly maneuverable and ideal for landing troops and supplies on beaches. Higgins Industries, along with other companies licensed to reproduce the design, built over 20,000 LCVPs during the course of the war. This landing craft was important not only to the Normandy landings on D-Day, but also to Pacific Theatre operations on Guadalcanal, Tarawa, Iwo Jima and Okinawa. The LCVP could land a platoon of 36 men with their equipment, extract itself quickly, turn around without broaching in the surf, and return to get more troops and/or supplies. The Higgins boats landed more Allied troops during WWII than all other types of landing craft combined. As our nation marks the 40th anniversary of D-Day, we salute Andrew Jackson Higgins' influence on amphibious warfare and his contribution toward the Allied victory in World War II.

INFORMATION
OF
SPECIAL INTEREST
OR
IMPORTANCE
TO
MARINERS

NM 33/04

HYDROGRAM

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

SPECIAL
ANNOUNCEMENTS
NEW PRODUCTS
OR SERVICES
IMPORTANT
CHANGES

14 August 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 SECTION III.

UNITED STATES OF AMERICA NOTICE TO MARINERS CHANGE IN DISTRIBUTION

THE NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY (NGA) IS TRANSITIONING FROM PRODUCING AND DISTRIBUTING HARD COPY NAUTICAL SAFETY PRODUCTS TO DIGITAL DISSEMINATION. EFFECTIVE WITH US NOTICE TO MARINERS NUMBER 1, 2005, NGA WILL NO LONGER DISTRIBUTE HARD COPY VERSIONS OF THE WEEKLY NOTICE TO MARINERS AND WILL MAKE THEM AVAILABLE FREE OF CHARGE VIA THE INTERNET. SEE SECTION III.

UNITED STATES OF AMERICA NOTICE TO MARINERS VIA E-MAIL

THE NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY (NGA) NOW PROVIDES A SUBSCRIPTION SERVICE PERMITTING CUSTOMERS TO RECEIVE THE NOTICE TO MARINERS WEEKLY VIA E-MAIL. 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**

530	30Ed. 3/23/02 LAST NM 27/04 Change Visibility (range) of light to 25M (21/04 CG11)	33/04 37°11'N 122°24'W	★11356 35Ed. 7/03 LAST NM 26/04 Add Platform [L10] (22/04 CG8)	33/04 28°42'21"N 91°14'16"W
1116A	Ed. 6/03 LAST NM 32/04 Delete Platform Add Platform [L10]	33/04 28°50.8'N 92°08.7'W 28°57.4'N 91°51.6'W	★11358 52Ed. 6/03 LAST NM 25/04 Add Submerged well (cov 108ft) [L20] (22/04 CG8)	33/04 29°00'26"N 89°38'08"W
★11304	13Ed. 6/04 NEW EDITION (NOS)	33/04	★11361 71Ed. 12/03 LAST NM 27/04 Delete Platform (22/04 CG8)	33/04 28°54'45"N 89°08'35"W
★11321	29Ed. 12/15/01 LAST NM 20/04 Delete Platform (22/04 CG8)	33/04 28°32'13"N 95°23'36"W	11367 32Ed. 8/03 LAST NM 28/04 (Side B) Change Legend to "17 FT JAN 1999 - FEB 2004" (NOS)	33/04 29°59'45.5"N 90°00'50.5"W
★11324	33Ed. 9/03 LAST NM 27/04 Relocate Range light, rear from 29°21'46.0"N 94°53'14.2"W to 29°21'46.1"N 94°53'16.0"W Change Legend to "38 FT APR 2004" 29°21'45.8"N 94°54'18.0"W Legend to "40 FT APR 2004 Turning Basin" 29°21'42.0"N 94°54'55.0"W (See 52/03, 19/04-11324) (NOS; 22/04 CG8)	33/04	★11368 22Ed. 7/02 LAST NM 28/04 (Inset 1) Change Legend to "17 FT JAN 1999 - FEB 2004" (NOS)	33/04 29°59'48.6"N 90°00'45.1"W
11326	32Ed. 11/03 LAST NM 26/04 (Page A) Change Legend to "32 FT APR 2004" (See 19/04-11326)	33/04 29°36'29"N 95°01'40"W	★11389 32Ed. 10/13/01 LAST NM 24/04 Add Tabulation of controlling depths from Subsection I-2 (NOS)	33/04
	Add (Page A, Inset 1) Legend "Shoaling to 10ft rep (2004)" 29°45'29.4"N 95°04'16.7"W		11390 23Ed. 2/04 LAST NM 26/04 (Side A) Add Tabulation of controlling depths from Subsection I-2 (NOS)	33/04
	(Page C) Relocate Range light, rear from 29°21'46"N 94°53'13"W to 29°21'46"N 94°53'16"W Change Legend to "PRIV INDUSTRIAL CANAL 38 FT APR 2004" 29°21'55"N 94°54'22"W Legend to "40 FT 2004" 29°21'43"N 94°54'53"W (NOS; 22/04 CG8)		★11391 23Ed. 10/03 LAST NM 24/04 Add Tabulation of controlling depths from Subsection I-2 (NOS)	33/04
★11327	31Ed. 8/03 LAST NM 27/04 Change Legend to "32 FT APR 2004" (Supersedes 19/04-11327) (NOS)	33/04 29°36'41"N 95°01'17"W	11405 29Ed. 6/03 LAST NM 38/03 Change Range light, rear to Oc 4s 82ft 8M 30°04'26"N 84°10'47"W (NTM0001/2004)	33/04
★11329	35Ed. 9/03 LAST NM 27/04 Add Legend "Shoaling to 10ft rep (2004)" (22/04 CG8)	33/04 29°45'29.4"N 95°04'16.7"W	11406 11Ed. 7/12/97 LAST NM 9/03 Change Range light, rear to Oc 4s 82ft 8M 30°04'25.7"N 84°10'46.7"W (NTM0001/2004)	33/04
★11340	68Ed. 6/03 LAST NM 32/04 Delete Platform Add Platform [L10]	33/04 28°50.8'N 92°08.7'W 28°57.4'N 91°51.6'W	11541 34Ed. 10/03 LAST NM 31/04 (Side A) Change Designation of buoy "2A" to "2B" 34°42'22"N 76°40'41"W	33/04
	Submerged well (cov 11fms) [L20] marked by buoy R, QR (Priv) 29°00.5'N 92°23.3'W (22/04 CG8)		Range light, front to F 15ft (Day), QG (Night), Fl 2.5s 15ft 5M 34°42'13"N 76°39'48"W Range light, rear to F 55ft (Day), FG (Night), Fl 2.5s 20ft 5M 34°42'46"N 76°39'40"W Range light, front to Q 32ft, Fl 4s 34ft 5M 34°42'45"N 76°40'40"W Range light, rear to Iso 6s 45ft, Fl 4s 15ft 5M 34°42'52"N 76°40'44"W Add Buoy "2A" R, nun 34°42'17"N 76°40'39"W (23, 24/04 CG5)	
★11349	41Ed. 3/04 LAST NM 25/04 Delete Platform (22/04 CG8)	33/04 29°10'37"N 91°56'55"W	11544 38Ed. 2/04 LAST NM 19/04 Change Range light, front to F 15ft (Day), QG (Night), Fl 2.5s 15ft 5M 34°42'12"N 76°39'45"W Range light, rear to F 55ft (Day), FG (Night), Fl 2.5s 20ft 5M 34°42'45"N 76°39'39"W (24/04 CG5)	33/04
★11351	38Ed. 3/03 LAST NM 26/04 Add Platform [L10] (22/04 CG8)	33/04 29°00'01"N 91°35'42"W	11545 61Ed. 2/04 LAST NM 31/04 Change Designation of buoy "2A" to "2B" 34°42'22"N 76°40'41"W (continued on next page)	33/04

SECTION I

11545	(Continued)			
	Range light, front to F 15ft (Day), QG (Night), Fl 2.5s 15ft 5M	34°42'14"N 76°39'47"W		33/04
	Range light, rear to F 55ft (Day), FG (Night), Fl 2.5s 20ft 5M	34°42'45"N 76°39'39"W		
	Range light, front to Q 32ft, Fl 4s 34ft 5M	34°42'44"N 76°40'40"W		
	Range light, rear to Iso 6s 45ft, Fl 4s 15ft 5M	34°42'51"N 76°40'44"W		
Add	Buoy "2A" R, nun (23, 24/04 CG5)	34°42'17"N 76°40'39"W		
★11547	36Ed. 2/04 LAST NM 31/04	33/04		
Change	Designation of buoy "2A" to "2B"	34°42'22.1"N 76°40'40.7"W		
	Range light, front to F 15ft (Day), QG (Night), Fl 2.5s 15ft 5M	34°42'12.6"N 76°39'47.0"W		
	Range light, rear to F 55ft (Day), FG (Night), Fl 2.5s 20ft 5M	34°42'45.4"N 76°39'39.1"W		
	Range light, front to Q 32ft, Fl 4s 34ft 5M	34°42'45.0"N 76°40'40.0"W		
	Range light, rear to Iso 6s 45ft, Fl 4s 15ft 5M	34°42'50.5"N 76°40'43.0"W		
Add	Buoy "2A" R, nun (23, 24/04 CG5)	34°42'16.6"N 76°40'39.3"W		
12230	61Ed. 11/03 LAST NM 28/04	33/04		
Substitute	Depth 18 feet Wk for 24 feet	38°18'50"N 76°26'26"W		
Add	Depth 45 feet Wk (NOS)	38°18'21"N 76°27'03"W		
★12264	28Ed. 7/02 LAST NM 26/04	33/04		
Delete	Depth 23 feet	38°18'50"N 76°26'17"W		
Add	Depth 45 feet Wk (NOS)	38°18'21"N 76°27'03"W		
	Depth 18 feet Wk	38°18'50"N 76°26'26"W		
★12284	15Ed. 3/15/97 LAST NM 26/04	33/04		
Add	Depth 45 feet Wk	38°18'21.1"N 76°27'02.8"W		
	Depth 18 feet Wk (NOS)	38°18'49.7"N 76°26'25.8"W		
12300	43Ed. 3/03 LAST NM 31/04	33/04		
Delete	Buoy "NW"	41°11.8'N 70°50.3'W		
	Buoy "SW"	41°08.8'N 70°50.0'W		
	Buoy "SE"	41°08.8'N 70°46.1'W		
	(25/04 CG1)			
12301	21Ed. 9/15/01 LAST NM N31/04	N33/04		
Delete	Buoy "NW"	41°11.8'N 70°50.0'W		
	Buoy "SW"	41°08.8'N 70°49.8'W		
	Buoy "SE"	41°08.8'N 70°45.9'W		
	(25/04 CG1)			
★12311	42Ed. 8/03 LAST NM 32/04	33/04		
Substitute	Depth 6 feet Obstn [K41] for danger circle "Obstn" (See 38/03-12311)	39°40'46"N 75°31'02"W		
	(23/04 CG5)			
★12331	30Ed. 12/02 LAST NM 22/04	33/04		
Change	Legend to "29 ft rep 2003" (NOS)	40°32'05"N 74°15'09"W		
12350	58Ed. 1/04 LAST NM 17/04	33/04		
Relocate	Buoy "5" from 40°32'30.8"N 73°56'47.1"W to 40°32'29.8"N 73°56'45.8"W (25/04 CG1)			
★12402	8Ed. 5/1/02 LAST NM 31/04	33/04		
Relocate	Buoy "5" from 40°32'30.3"N 73°56'47.0"W to 40°32'29.8"N 73°56'45.8"W (25/04 CG1)			
13006	31Ed. 6/03 LAST NM 16/04	33/04		
Delete	Buoy "NW"	41°11.8'N 70°50.0'W		
	Buoy "SW"	41°08.9'N 70°50.0'W		
	Buoy "SE"	41°09.0'N 70°46.1'W		
	(25/04 CG1)			
13009	30Ed. 8/02 LAST NM 16/04	33/04		
Delete	Buoy "NW"	41°11.8'N 70°50.2'W		
	Buoy "SW"	41°08.8'N 70°50.0'W		
	Buoy "SE"	41°08.8'N 70°45.9'W		
	(25/04 CG1)			
13200	33Ed. 1/19/02 LAST NM 6/04	33/04		
Delete	Buoy "NW"	41°11.8'N 70°49.8'W		
	Buoy "SW"	41°08.9'N 70°50.0'W		
	Buoy "SE"	41°08.8'N 70°46.0'W		
	(25/04 CG1)			
★13218	38Ed. 3/10/01 LAST NM 30/04	33/04		
Delete	Buoy "NW"	41°11'48"N 70°50'00"W		
	Buoy "SW"	41°08'47"N 70°50'00"W		
	Buoy "SE"	41°08'48"N 70°46'00"W		
	(25/04 CG1)			
13221	54Ed. 12/03 LAST NM 29/04	33/04		
Add	"Pipeline Area" [L41.2] bound by shore and purple dashed line joining	41°48'47"N 71°24'07"W		
		41°48'55"N 71°23'30"W		
		41°48'52"N 71°23'30"W		
		41°48'44"N 71°24'05"W		
	(NOS)			
13224	37Ed. 3/04 LAST NM 28/04	33/04		
Add	"Pipeline Area" [L41.2] bound by shore and purple dashed line joining	41°48'47.0"N 71°24'06.6"W		
		41°48'55.1"N 71°23'30.1"W		
		41°48'51.9"N 71°23'29.5"W		
		41°48'44.0"N 71°24'05.0"W		
	(NOS)			
★13225	33Ed. 12/9/00 LAST NM 19/04	33/04		
Add	"Pipeline Area" [L41.2] bound by shore and purple dashed line joining	41°48'47.0"N 71°24'06.6"W		
		41°48'55.1"N 71°23'30.1"W		
		41°48'51.9"N 71°23'29.5"W		
		41°48'44.0"N 71°24'05.0"W		
	(NOS)			
★14815	22Ed. 8/4/90 LAST NM 43/03	33/04		
Add	Tabulation of controlling depths from Subsection I-2			
	(NOS)			
★14839	36Ed. 12/02 LAST NM 8/04	33/04		
Change	Legend to "15 FEET MAR 2004"	41°28'37.8"N 81°40'15.3"W		
Add	Depth 13 feet	41°28'38.6"N 81°40'09.6"W		
	Tabulation of controlling depths from Subsection I-2			
	(NOS)			
★14846	12Ed. 11/03 LAST NM 16/04	33/04		
	(Page 1)			
Add	Tabulation of controlling depths from Subsection I-2			
	(Page 4)			
Delete	Depth 13 feet	41°37'27.6"N 83°32'27.0"W		
	Depth 12 feet	41°37'29.8"N 83°32'13.2"W		
	Depth 24 feet	41°39'02.2"N 83°31'50.1"W		
	Depth 14 feet	41°38'41.1"N 83°31'53.8"W		
Substitute	Depth 19 feet for 26 feet	41°37'58.8"N 83°31'55.1"W		
	Depth 14 feet for 15 feet	41°38'59.8"N 83°31'54.7"W		
	Depth 11 feet for 10 feet	41°37'35.9"N 83°32'05.1"W		
Add	Depth 14 feet	41°37'33.9"N 83°32'00.0"W		
	Depth 24 feet	41°39'03.3"N 83°31'49.8"W		

(continued on next page)

SECTION I

NM 33/04

14846	(Continued)			
	Depth 12 feet	41°38'41.7"N 83°31'53.5"W		
Delete	(Page 5)			
	Depth 15 feet	41°39'00.2"N 83°31'54.3"W	Depth 22 feet for 20 feet	41°39'56.1"N 83°30'17.7"W
	Depth 24 feet	41°39'02.2"N 83°31'50.2"W	Depth 16 feet for 15 feet	41°41'46.8"N 83°27'37.5"W
	Depth 21 feet	41°39'33.0"N 83°31'04.1"W	Depth 27 feet for 23 feet	41°41'17.2"N 83°28'25.9"W
Substitute	Depth 24 feet for 19 feet	41°39'58.0"N 83°30'13.5"W	Depth 10 feet for 5 feet	41°42'06.3"N 83°26'51.3"W
	Depth 22 feet for 20 feet	41°39'56.1"N 83°30'17.1"W	Depth 20 feet for 21 feet	41°41'29.9"N 83°28'09.7"W
	Depth 13 feet for 15 feet	41°40'06.0"N 83°29'49.4"W	Depth 21 feet for 20 feet	41°41'26.7"N 83°28'10.8"W
Add	Depth 14 feet	41°38'59.8"N 83°31'54.7"W	Depth 25 feet for 23 feet	41°42'11.5"N 83°26'53.8"W
	Depth 24 feet	41°39'03.3"N 83°31'49.8"W	Depth 12 feet for 15 feet	41°38'41.7"N 83°31'53.5"W
	Depth 20 feet	41°39'32.7"N 83°31'05.2"W		
Delete	(Page 6)			
	Depth 7 feet	41°41'33.9"N 83°28'15.1"W	Add Depth 11 feet	41°37'35.7"N 83°32'05.1"W
	Depth 28 feet	41°41'13.1"N 83°28'26.6"W	Depth 14 feet	41°37'33.9"N 83°32'00.0"W
	Depth 19 feet	41°41'23.7"N 83°28'11.4"W	Depth 24 feet	41°39'03.3"N 83°31'49.8"W
	Depth 18 feet	41°41'26.7"N 83°28'09.8"W	Depth 24 feet	41°41'23.4"N 83°28'15.7"W
	Depth 15 feet	41°41'29.7"N 83°28'03.9"W	Depth 25 feet	41°41'24.7"N 83°28'09.7"W
	Depth 16 feet	41°41'32.6"N 83°28'04.7"W	Depth 16 feet	41°41'28.8"N 83°28'06.1"W
	Depth 15 feet	41°41'43.5"N 83°27'47.0"W	Depth 14 feet	41°41'44.8"N 83°27'47.5"W
	Depth 20 feet	41°41'47.5"N 83°27'43.0"W	Depth 19 feet	41°41'47.8"N 83°27'44.8"W
	Depth 22 feet	41°42'03.9"N 83°27'01.0"W	Depth 19 feet	41°42'03.7"N 83°26'59.9"W
	Depth 26 feet	41°42'05.4"N 83°26'55.7"W	Depth 26 feet	41°42'06.9"N 83°26'56.6"W
	Depth 5 feet	41°42'14.2"N 83°26'47.2"W		Tabulation of controlling depths from Subsection I-2
Substitute	Depth 3 feet for 6 feet	41°41'31.4"N 83°28'18.7"W	(NOS)	
	Depth 4 feet for 2 feet	41°41'13.3"N 83°28'41.6"W		
	Depth 20 feet for 22 feet	41°41'29.9"N 83°28'09.7"W		
	Depth 4 feet for 3 feet	41°41'31.0"N 83°27'57.1"W		
	Depth 16 feet for 15 feet	41°41'46.8"N 83°27'37.5"W		
	Depth 4 feet for 1 foot	41°41'19.3"N 83°28'34.2"W		
	Depth 27 feet for 26 feet	41°41'17.2"N 83°28'25.9"W		
	Depth 4 feet for 3 feet	41°41'57.9"N 83°27'22.2"W		
	Depth 4 feet for 3 feet	41°42'02.5"N 83°27'10.2"W		
	Depth 9 feet for 10 feet	41°42'03.2"N 83°27'05.9"W		
	Depth 10 feet for 5 feet	41°42'06.3"N 83°26'51.3"W		
	Depth 25 feet for 27 feet	41°42'12.0"N 83°26'53.8"W		
Add	Depth 25 feet	41°41'12.3"N 83°28'27.0"W		
	Depth 24 feet	41°41'23.4"N 83°28'15.7"W		
	Depth 25 feet	41°41'24.7"N 83°28'09.7"W		
	Depth 21 feet	41°41'26.7"N 83°28'10.8"W		
	Depth 16 feet	41°41'28.8"N 83°28'06.1"W		
	Depth 15 feet	41°41'31.8"N 83°28'04.7"W		
	Depth 14 feet	41°41'44.8"N 83°27'47.5"W		
	Depth 19 feet	41°41'47.8"N 83°27'44.8"W		
	Depth 19 feet	41°42'03.7"N 83°26'59.9"W		
	Depth 13 feet	41°42'02.6"N 83°27'02.7"W		
Delete	(Page 7)			
	Depth 7 feet	41°41'33.0"N 83°28'16.0"W		
	Depth 15 feet	41°41'43.0"N 83°27'47.2"W		
	Depth 20 feet	41°41'47.5"N 83°27'43.0"W		
	Depth 5 feet	41°42'14.0"N 83°26'47.2"W		
Substitute	Depth 25 feet for 28 feet	41°41'12.3"N 83°28'27.0"W		
	Depth 20 feet for 22 feet	41°41'29.9"N 83°28'09.7"W		
	Depth 4 feet for 3 feet	41°41'31.0"N 83°27'57.1"W		
	Depth 10 feet for 5 feet	41°42'06.3"N 83°26'51.3"W		
	Depth 25 feet for 27 feet	41°42'12.0"N 83°26'53.8"W		
Add	Depth 21 feet	41°41'26.7"N 83°28'10.8"W		
	Depth 16 feet	41°41'28.8"N 83°28'06.1"W		
	Depth 14 feet	41°41'44.8"N 83°27'47.5"W		
	Depth 19 feet	41°41'47.8"N 83°27'44.8"W		
	Depth 27 feet	41°41'17.2"N 83°28'25.9"W		
	Depth 19 feet	41°42'03.7"N 83°26'59.9"W		
	Depth 26 feet	41°42'06.9"N 83°26'56.6"W		
(NOS)				
★14847	30Ed. 10/30/99 LAST NM 47/03		33/04	
Delete	Depth 13 feet	41°37'27.6"N 83°32'27.7"W		
	Depth 12 feet	41°37'29.9"N 83°32'13.2"W		
	Depth 13 feet	41°37'35.7"N 83°32'03.1"W		
	Depth 25 feet	41°39'02.2"N 83°31'50.2"W		
	Depth 7 feet	41°41'33.9"N 83°28'14.4"W		
	Depth 19 feet	41°41'23.7"N 83°28'10.2"W		
	Depth 15 feet	41°41'42.2"N 83°27'47.0"W		
	Depth 20 feet	41°41'47.5"N 83°27'43.0"W		
	Depth 22 feet	41°42'03.2"N 83°27'02.0"W		
	Depth 26 feet	41°42'04.4"N 83°26'56.0"W		
	Depth 5 feet	41°42'13.0"N 83°26'47.2"W		
Substitute	Depth 19 feet for 26 feet	41°37'58.8"N 83°31'54.0"W		
	Depth 14 feet for 15 feet	41°38'59.8"N 83°31'54.7"W		
	Depth 24 feet for 20 feet	41°39'58.0"N 83°30'13.5"W		
★14925	23Ed. 6/04 NEW EDITION		33/04	
(NOS)				
★17434	12Ed. 6/04 NEW EDITION		33/04	
(NOS)				
17515	7Ed. 7/15/95 LAST NM 12/04		33/04	
Add	Light Fl R		49°59'30"N 124°42'35"W	
(53312)04 Ottawa				
18005	4Ed. 9/20/97 LAST NM N31/04		N33/04	
Relocate	Light from 37°10.5'N 122°23.5'W to 37°10.9'N 122°23.6'W			
	and change visibility (range) to 25M			
Change	Fog signal of buoy "SF" to WHIS (20, 21/04 CG11)		37°45.5'N 122°41.6'W	
18007	31Ed. 3/31/01 LAST NM 27/04		33/04	
Change	Fog signal of buoy "SF" to WHIS (20/04 CG11)		37°46.0'N 122°42.0'W	
18008	7Ed. 10/12/96 LAST NM N27/04		N33/04	
Add	WHIS to buoy "SF" (20/04 CG11)		37°45.3'N 122°42.3'W	
18009	2Ed. 8/12/95 LAST NM N31/04		N33/04	
Relocate	Light from 37°10.7'N 122°23.5'W to 37°10.9'N 122°23.6'W			
	and change visibility (range) to 25M			
Change	Fog signal of buoy "SF" to WHIS (20, 21/04 CG11)		37°44.9'N 122°41.3'W	
18010	20Ed. 2/10/01 LAST NM 31/04		33/04	
Change	Fog signal of buoy "SF" to WHIS Visibility (range) of light to 25M (20, 21/04 CG11)		37°45.0'N 122°41.3'W	
			37°11.0'N 122°23.6'W	
18020	37Ed. 9/03 LAST NM 31/04		33/04	
Change	Fog signal of buoy "SF" to WHIS Visibility (range) of light to 25M (20, 21/04 CG11)		37°45.0'N 122°41.0'W	
			37°10.9'N 122°23.6'W	
18022	34Ed. 11/03 LAST NM 31/04		33/04	
Change	Fog signal of buoy "SF" to WHIS Visibility (range) of light to 25M (20, 21/04 CG11)		37°45.0'N 122°41.5'W	
			37°11.2'N 122°23.8'W	
18416	6Ed. 6/10/95 LAST NM 31/04		33/04	
Add	Buoy "NAVY" Y, spherical (53440)04 Ottawa		48°23'36.0"N 123°28'36.0"W	

SECTION I

18418	6Ed. 9/30/95 LAST NM 31/04 Add Buoy "NAVY" Y, spherical (5(3440)04 Ottawa)	33/04 48°23'36.0"N 123°28'36.0"W	Add Buoy "BP" RG (20, 21/04 CG11)	38°03'39.9"N 122°13'39.0"W
18465	36Ed. 1/04 LAST NM 31/04 Add Buoy "NAVY" Y, spherical (5(3440)04 Ottawa)	33/04 48°23'36"N 123°28'36"W	18656 53Ed. 3/03 LAST NM 29/04 Change Visibility (range) of light "2" to 3M 38°04'11"N 122°14'41"W	33/04 38°04'11"N 122°14'41"W
★18502	85Ed. 6/04 NEW EDITION Relocate Range light, front from 46°58'11.1"N 123°55'44.0"W to 46°58'11.6"N 123°55'54.3"W Range light, rear from 46°58'11.7"N 123°55'57.1"W to 46°58'12.1"N 123°56'10.2"W Note: Range bearing unchanged (Previously published 27/04)	33/04	Add Buoy "BP" RG (20, 21/04 CG11)	38°03'40"N 122°13'39"W
	Add Dashed range line extending in 093°54' direction from above rear light to existing range line (NOS; 19/04 CG13)		★18680 30Ed. 3/3/01 LAST NM 31/04 Change Visibility (range) of light to 25M Fog signal of buoy "SF" to WHIS (20, 21/04 CG11)	33/04 37°10.9"N 122°23.6"W 37°44.8"N 122°41.6"W
18640	24Ed. 7/8/00 LAST NM 4/04 Change Fog signal of buoy "SF" to WHIS (20/04 CG11)	33/04 37°45.0'N 122°41.5'W	★18685 32Ed. 6/03 LAST NM 22/04 (Inset) Delete Buoy "5" Buoy "E" Buoy "F" (See 46/03-18685) (20/04 CG11)	33/04 36°36'31.8"N 121°53'34.2"W 36°36'30.0"N 121°53'34.0"W 36°36'27.6"N 121°53'32.4"W
★18643	17Ed. 3/03 LAST NM 19/04 Add Buoy Y, Fl Y 4s (Priv) (20/04 CG11)	33/04 38°18'41.8"N 123°04'57.7"W	22008 35Ed. 9/6/97 LAST NM 32/04 Add Wreck [K29] (6(34)04 Callao)	33/04 12°19.5'S 77°32.1'W
18645	24Ed. 7/1/00 LAST NM 5/04 Change Fog signal of buoy "SF" to WHIS (20/04 CG11)	33/04 37°45'00"N 122°41'35"W	22090 2Ed. 5/25/96 LAST NM 17/03 Delete Buoy (5(10)04 Guayaquil)	33/04 2°44.7'S 80°24.8'W
★18649	63Ed. 9/03 LAST NM 31/04 Change Fog signal of buoy "SF" to WHIS (20, 21/04 CG11)	33/04 37°45'00"N 122°41'35"W	22111 4Ed. 1/4/97 LAST NM 17/03 Delete Buoy (5(10)04 Guayaquil)	33/04 2°44.6'S 80°24.8'W
	Add Beacon "8" R [Q81] (Priv) (20, 21/04 CG11)	37°52'01"N 122°29'23"W	22112 3Ed. 11/2/96 LAST NM 25/04 Delete Buoy (5(10)04 Guayaquil)	33/04 2°44'37"S 80°24'51"W
18652	32Ed. 7/03 LAST NM 29/04 (Page B, Inset 5) Add Beacon "8" R [Q81] (Priv)	33/04 37°52'01"N 122°29'23"W	22113 8Ed. 1/2/99 LAST NM 25/04 (Panel A) Delete Buoy "Boya de Mar" (5(10)04 Guayaquil)	33/04 2°44'38"S 80°24'51"W
	(Page C) Change Visibility (range) of light "2" to 3M 38°04'11"N 122°14'40"W		22170 3Ed. 8/4/01 LAST NM 25/04 Add Wreck [K29] (6(34)04 Callao)	33/04 12°19.5'S 77°32.1'W
	Add Buoy "BP" RG	38°03'40"N 122°13'39"W	22173 36Ed. 10/12/02 LAST NM 21/04 Change Legend "Playa La Chira" to "Playa Conchan" (12°12'36"S 77°01'30"W)	33/04 11°57'30"S 77°08'33"W
	(Page C, Inset Benicia) Change Visibility (range) of light "2" to 3M 38°04'11"N 122°14'42"W		Add Dangerous wreck [K28] (6(35)04 Callao; NTM003/2004)	
	Add Buoy "BP" RG	38°03'40"N 122°13'39"W	22521 3Ed. 9/24/94 LAST NM 34/03 Add Buoy (mooring) "1", Fl(5) Y 20s [Q41] (5(11)04 Guayaquil)	33/04 0°54'00"S 89°36'48"W
	(Page D, Inset 7) Change Visibility (range) of light "2" to 3M 38°04'11"N 122°14'40"W (20, 21/04 CG11)		22523 3Ed. 5/21/94 LAST NM 34/03 Add Buoy (mooring) "1", Fl(5) Y 20s [Q41] (5(11)04 Guayaquil)	33/04 0°54'00"S 89°36'48"W
★18653	9Ed. 9/30/00 LAST NM 25/04 Add Beacon "8" R [Q81] (Priv) (21/04 CG11)	33/04 37°52'01.0"N 122°29'23.0"W	24004 36Ed. 8/9/97 LAST NM 46/03 Add Dangerous wreck [K28] (11(S 4241)04 Rio de Janeiro)	33/04 26°17.8'S 48°23.5'W
18654	43Ed. 3/04 LAST NM 22/04 Change Visibility (range) of light "2" to 3M 38°04'12"N 122°14'43"W	33/04	24052 15Ed. 9/13/97 LAST NM 50/03 Add Dangerous wreck [K28] marked by buoy BRB, pillar, double ball topmark, Fl(2) 8s	33/04 34°26'58"S 58°12'31"W
	Add Buoy "BP" RG (20, 21/04 CG11)	38°03'40"N 122°13'39"W		
★18655	58Ed. 12/22/01 LAST NM 16/03 Change Visibility (range) of light "2" to 3M 38°04'10.7"N 122°14'41.2"W	33/04		(continued on next page)

SECTION I

NM 33/04

24052	(Continued)				
	Dashed line (recommended track) [M4] with legend "052°-232° between	34°31'00"S 58°19'51"W 34°32'06"S 58°21'33"W			33/04
	(548, 49)04 Montevideo)				
24058	2Ed. 11/20/93 LAST NM 9/04	33/04			
Add	Dangerous wreck [K28] marked by buoy BRB, pillar, double ball topmark, Fl(2) 8s	34°26'58"S 58°12'31"W			
	(548)04 Montevideo)				
24130	14Ed. 7/1/95 LAST NM 5/03	33/04			
Add	Dangerous wreck [K28] (11(S 4241)04 Rio de Janeiro)	26°17.8'S 48°23.5'W			
24154	12Ed. 7/31/93 LAST NM 10/02	33/04			
Add	Buoy "1" R, pillar, cone topmark 23°01'31.5"S 44°20'19.5"W				
	Buoy "2" G, pillar, can topmark 23°01'31.5"S 44°20'23.0"W				
	Buoy "3" R, pillar, cone topmark 23°01'27.0"S 44°20'19.5"W				
	Buoy "4" G, pillar, can topmark 23°01'27.0"S 44°20'23.0"W				
	Buoy "5" R, pillar, cone topmark 23°01'21.5"S 44°20'19.5"W				
	Buoy "6" G, pillar, can topmark 23°01'21.5"S 44°20'23.0"W				
	(10(58)04 Rio de Janeiro)				
24160	21Ed. 6/17/95 LAST NM 22/04	33/04			
	Change Height of light to 140m (11(61)04 Rio de Janeiro)	23°00.8'S 42°00.1'W			
24161	11Ed. 6/8/96 LAST NM 26/04	33/04			
Add	Buoy "C. S. Unity" Y, pillar, "X" topmark, Fl Y 8s (11(62)04 Rio de Janeiro)	22°56'50.4"S 43°10'28.8'W			
24171	19Ed. 5/4/96 LAST NM 26/04	33/04			
Add	Depth 6.6 meters Rk [K14.1] (10(55)04 Rio de Janeiro)	20°19'20.5"S 40°20'01.0'W			
24223	33Ed. 8/17/96 LAST NM 39/03	33/04			
	Substitute Depth 4.2 meters Rk [K14.2] for 4.8 meters Rk (10(57)04 Rio de Janeiro)	8°02'49"S 34°51'08"W			
24233	15Ed. 2/14/98 LAST NM 22/04	33/04			
Relocate	Buoy "8" from 5°46'01.3"S 35°12'19.2"W to (See 26/00-24233) (10(56)04 Rio de Janeiro)	5°45'57.0"S 35°12'19.3"W			
24293	6Ed. 5/25/96 LAST NM 46/03	33/04			
Change	Height of light to 11m (10(44)04 Rio de Janeiro)	1°27'50"S 48°42'35"W			
25483	20Ed. 5/17/97 LAST NM 8/04	33/04			
Add	Depth 12.5 meters (28(3186)04 Taunton)	13°10'08.4"N 61°14'57.0'W			
★25608	22Ed. 5/1/04 NEW EDITION (Plan D)	33/04			
Change	Characteristic of light (Fl Y) to QR (Previously published 32/04)	17°17'13.5"N 62°43'21.5"W			
Add	Light Fl Y 4s to dolphin (Previously published 32/04) (NGA)	17°17'15.1"N 62°43'21.5"W			
28167	4Ed. 1/21/84 LAST NM 16/04	33/04			
Add	Buoy "T-1" R, pillar, Fl(2+1) R 6s, Ra ref (NTM0012/2004)	17°20.3'N 87°57.3'W			
	Buoy "G-1" R, pillar, Iso R 6s, Ra ref (NTM0012/2004)	16°43.1'N 87°53.2'W			
28168	22Ed. 6/1/96 LAST NM 16/04	33/04			
Add	Buoy "T-1" R, pillar, Fl(2+1) R 6s, Ra ref (NTM0012/2004)	17°20'17"N 87°57'17"W			
★35049	Ed. 11/02 NEW CHART	N33/04			
(NGA)					
★35051	Ed. 8/00 NEW CHART	N33/04			
(NGA)					
★35052	Ed. 3/04 NEW CHART	N33/04			
Delete	Color Y from beacon (NGA; 16(1760)04 Taunton)	57°42'03"N 3°29'55"W			
★35053	Ed. 12/03 NEW CHART	N33/04			
(NGA)					
★35054	Ed. 11/01 NEW CHART	N33/04			
(NGA)					
★35087	3Ed. 7/13/91 CHART CANCELED	33/04			
(NGA)					
★35099	3Ed. 1/24/98 CHART CANCELED	33/04			
(NGA)					
★35101	6Ed. 12/28/96 CHART CANCELED	33/04			
(NGA)					
★35103	5Ed. 6/20/98 CHART CANCELED	33/04			
(NGA)					
37080	3Ed. 12/28/96 LAST NM 32/04	33/04			
Delete	Wreck (PD)	49°01.4'N 3°01.0'W			
Relocate	Depth contour (10-meter) close N to include position	48°48.5'N 2°48.2'W			
Substitute	Depth 11.4 meters for 14 meters Depth 8.5 meters for 11 meters	48°47.9'N 2°47.5'W 48°48.5'N 2°48.2'W			
Add	Depth 55 meters Wk [K26]	49°00.9'N 3°01.6'W			
	Purple dashed line (restricted area limit) [K47] joining	49°00.5'N 2°54.6'W 49°00.5'N 2°48.4'W 48°54.5'N 2°47.9'W 48°53.5'N 2°55.2'W			
	Legend "SHELLFISH RESERVE"	48°57.3'N 2°51.0'W			
	(3(24), 41(16)02 Brest)				
37081	23Ed. 10/26/96 LAST NM 32/04	33/04			
Add	Position circle "Windmotor" [E26]	50°43'15"N 1°34'04"E			
	Position circle "Windmotor" [E26]	50°43'19"N 1°33'58"E			
	Position circle "Windmotor" [E26]	50°43'24"N 1°33'51"E			
	Position circle "Windmotor" [E26]	50°43'29"N 1°33'47"E			
	(41(13)02 Brest)				
37082	9Ed. 3/6/99 LAST NM 24/04	33/04			
Add	Position circle "Windmotor" [E26]	50°43'14.7"N 1°34'04.4"E			
	Position circle "Windmotor" [E26]	50°43'19.0"N 1°33'57.9"E			
	Position circle "Windmotor" [E26]	50°43'23.5"N 1°33'50.9"E			
	Position circle "Windmotor" [E26]	50°43'29.2"N 1°33'47.0"E			
	(41(13)02 Brest)				
37121	11Ed. 3/1/97 LAST NM 32/04	33/04			
Substitute	Depth 28 meters for 31 meters (25(14)01 Brest)	51°04'57"N 1°38'12"E			

SECTION I

37125	15Ed.	8/24/96 LAST NM 32/04	33/04	37330	2Ed.	7/12/97 LAST NM 32/04	33/04
Relocate	Depth contour (30-meter) close S to include position	51°13'43"N 2°04'44"E		Delete	Wreck (PD)	49°01.4'N 3°01.0'W	
Substitute	Depth 18.3 meters for 20.1 meters	51°04'39"N 1°49'06"E		Relocate	Depth contour (20-meter) close S to include position	48°54.6'N 3°03.2'W	
Add	Depth 28 meters	51°13'43"N 2°04'44"E		Depth contour (10-meter) close N to include position	48°48.5'N 2°48.2'W		
(22(15)01 Brest)	Depth 26.5 meters	51°13'44"N 2°05'34"E		Substitute	Depth 11.4 meters for 14 meters	48°47.9'N 2°47.5'W	
					Depth 8.5 meters for 11 meters	48°48.5'N 2°48.2'W	
37258	4Ed.	9/6/97 LAST NM 32/04	33/04	Add	Depth 55 meters Wk [K26]	49°00.9'N 3°01.6'W	
Delete	Dashed line (harbor limit) and legends (2) "LE HAVRE HARBOR LIMIT PORT ROUEN HARBOR LIMIT" between	49°28'13.2"N 0°06'48.6"E 49°28'15.6"N 0°03'30.0"W		Depth 11.8 meters	48°54.6'N 3°03.2'W		
Add	Dashed line (harbor limit) joining	49°27'15.0"N 0°09'46.8"E 49°27'25.2"N 0°06'40.8"E 49°28'38.4"N 0°01'18.0"E 49°29'01.8"N 0°00'45.0"W 49°29'25.2"N 0°03'30.0"W		Purple dashed line (restricted area limit) [K47] joining	49°00.5'N 2°54.6'W 49°00.5'N 2°48.4'W 48°54.5'N 2°47.9'W 48°53.5'N 2°55.2'W		
					Legend "SHELLFISH RESERVE Fishing regulated inside zone"	48°57.3'N 2°51.0'W	
					(1(2), 3(24), 41(16)02 Brest)		
37261	10Ed.	6/21/97 LAST NM 32/04	33/04	37461	9Ed.	7/8/00 LAST NM 26/04	33/04
Delete	Dashed line (harbor limit) and legends (2) "LE HAVRE HARBOR LIMIT PORT ROUEN HARBOR LIMIT" between	49°28'16.8"N 0°06'48.6"E 49°32'57.0"N 0°14'30.0"W		Delete	Light	43°20'04"N 3°03'46"W	
Add	Dashed line (harbor limit) joining	49°27'14.4"N 0°09'52.8"E 49°27'25.2"N 0°06'40.8"E 49°29'01.8"N 0°00'45.0"W 49°30'15.0"N 0°08'52.8"W 49°32'47.4"N 0°14'45.0"W		(Plan) Delete (Spn LL)	Light	43°20'03.9"N 3°03'45.6"W	
37262	20Ed.	9/13/97 LAST NM 32/04	33/04	38100	4Ed.	8/25/84 LAST NM 12/02	33/04
Delete	Dashed line (harbor limit) and legend "LE HAVRE HARBOR LIMIT PORT ROUEN HARBOR LIMIT" between	49°28'13.2"N 0°06'48.6"E 49°28'46.8"N 0°00'45.0"W		Add	Racon symbol [S3.1]	65°34.3'N 37°13.0'W	
				(37(323)01 Kobenhavn)			
Add	Dashed line (harbor limit) joining	49°27'12.6"N 0°09'48.6"E 49°27'25.2"N 0°06'40.8"E 49°28'38.4"N 0°01'18.0"E 49°29'01.8"N 0°00'45.0"W		38105	Ed.	3/1/67 LAST NM N12/02	N33/04
				Add	Racon symbol [S3.1]	65°34'00"N 37°12'42"W	
				(37(323)04 Kobenhavn)			
				38200	2Ed.	8/1/81 LAST NM 28/83	33/04
				Delete	Beacon	73°04.6'N 23°02.0'W	
				(9(70)02 Kobenhavn)			
				38266	1Ed.	3/24/84 LAST NM 23/84	33/04
				Add	Islet with legend "Tobias Oer" [K10]	79°20.5'N 15°50.4'W	
				(13(151)01 Kobenhavn)			
				38461	Ed.	7/1/92 LAST NM N34/97	N33/04
				Change	Beacon to "841", can topmark	68°40'01"N 53°00'46"W	
					Beacon to "842", can topmark	68°40'19"N 52°57'42"W	
					Beacon to "844", can topmark	68°42'42"N 52°42'07"W	
					(29(175)03 Kobenhavn)		
				38482	Ed.	8/1/79 LAST NM N37/01	N33/04
				Change	Beacon to "841", can topmark	68°40'01"N 53°00'46"W	
					Beacon to "842", can topmark	68°40'19"N 52°57'42"W	
					(29(175)03 Kobenhavn)		
				43385	1Ed.	8/22/92 LAST NM 22/04	33/04
				Change	Buoy to BRB, spar, double ball topmark	57°56'48"N 11°32'00"E	
					(See 21/04-43385)		
					(14(1809)04 Norrkoping)		
				44049	9Ed.	6/15/96 LAST NM 30/04	33/04
				Add	Anchorage symbol (large vessels) [N10]	55°36'47"N 12°55'19"E	
					(See 1/01-44049)		
					(14(1817)04 Norrkoping)		
				44051	1Ed.	7/25/92 LAST NM 26/04	33/04
				Delete	Anchorage symbol	55°36'06.6"N 12°55'15.6"E	
					Add	Anchorage symbol (large vessels) [N10]	55°36'47.4"N 12°55'18.6"E
						(14(1817)04 Norrkoping)	

SECTION I

NM 33/04

44083	8Ed. 4/6/96 LAST NM 26/03 Change Range light, front to Oc Or 4s 15m 7M rear to Oc Or 4s 39m 8M	33/04 53°51'06"N 14°16'48"E 53°51'36"N 14°16'06"E	Disused submarine cable [L32] joining 28°08'49.2"N 15°26'10.2"W 28°09'00.0"N 15°26'19.2"W 28°09'16.0"N 15°27'30.0"W	
	Light to Iso 2s 25m 7M, Oc (2) R 23m 3M DIA Note: Sectors remain unchanged	53°48'26"N 14°20'14"E	Disused submarine cable [L32] joining 28°08'12.6"N 15°26'18.6"W 28°08'24.0"N 15°26'25.8"W 28°08'35.4"N 15°26'31.8"W	
	Designation of buoy to "A1" Designation of buoy to "A2" Designation of buoy to "A3" Designation of buoy to "A4" Designation of buoy to "A5" Designation of buoy to "A6" Designation of buoy to "A7" Designation of buoy to "A8"	53°45'24"N 14°16'09"E 53°45'14"N 14°16'13"E 53°45'06"N 14°16'13"E 53°44'58"N 14°16'16"E 53°44'50"N 14°16'16"E 53°44'42"N 14°16'19"E 53°44'34"N 14°16'19"E 53°44'26"N 14°16'22"E	Disused submarine cable [L32] between 28°08'49.2"N 15°26'10.2"W 28°08'24.0"N 15°26'25.8"W	
	(50(729), 22(403)03, 11(206)04 Gdynia; BA LL)		(Spn CH 6100)	
44162	1Ed. 3/25/89 LAST NM 17/04 Add Maximum authorized draft "11.8m" [M6] to recommended track 58°38'12.0"N 16°19'42.0"E Maximum authorized draft "11.8m" [M6] to recommended track 58°37'58.0"N 16°19'00.0"E	33/04	52120 12Ed. 11/14/87 LAST NM 26/04 Change Period of light to 7s (27(438)03 Cadiz)	33/04 41°12.2'N 1°43.7'E
	Legend "Max. Auth. draft 11.8m" (15(1838)04 Norrkoping)	58°37'18.0"N 16°14'54.0"E	52125 1Ed. 4/28/01 LAST NM 22/04 Change Period of light to 7s Period of light to 7s Add Period 11s to light (27(438, 440)03 Cadiz)	33/04 41°12'30"N 1°43'47"E 41°12'24"N 1°43'48"E 41°26'24"N 2°14'54"E
44165	1Ed. 10/6/90 LAST NM 24/04 Change Sectors of range light, front between 315° and 297°48' to green 315°-089°, obscured-180°, green-297°48' 58°40'27"N 17°19'18"E (14(1800)04 Norrkoping)	33/04	52170 3Ed. 7/8/95 LAST NM 31/04 Change Characteristic of light to Fl(2) R Add Period 10s to light (BA LL)	33/04 35°13.8'N 11°10.0'E 35°29.8'N 11°04.1'E
44180	6Ed. 7/6/91 LAST NM 28/04 Add Light Iso WRG 4s 10m 8-5M (14(1800)04 Norrkoping)	33/04 58°40.4'N 17°19.2'E	52172 2Ed. 8/12/95 LAST NM 52/03 Add Light L Fl(2) G 10s 8m 6M (BA LL)	33/04 35°46'45"N 10°50'06"E
44187	2Ed. 2/3/96 LAST NM 22/04 Delete Danger circle "Obstr (fish haven)" and legend "buoyed" (14(1807)04 Norrkoping)	33/04 59°45'57"N 19°04'46"E	52180 14Ed. 7/31/99 LAST NM 6/04 Change Visibility (range) of light to 13M (BA LL)	33/04 36°48.4'N 10°18.5'E
44192	1Ed. 12/18/93 LAST NM 30/04 Add Submarine pipeline [L40.1] between 59°21'59"N 17°38'45"E 59°21'57"N 17°38'20"E (14(1822)04 Norrkoping)	33/04	52186 3Ed. 7/8/95 LAST NM 3/02 Change Visibility (range) of light to 13M (Plan) Change Visibility (range) of light to 13M (BA LL)	33/04 36°48'23.0" N 10°18'32.0"E
44200	9Ed. 7/20/96 LAST NM 25/04 Add Depth 3.4 meters enclosed by depth contour (10-meter) (17(345)02 Helsinki)	33/04 61°00.1'N 20°59.7'E	52240 9Ed. 5/20/89 LAST NM 20/04 (Panel B) Change Visibility (range) of light to 15M (23(3)03 Alger)	33/04 36°55'15"N 3°55'10"E
44310	5Ed. 12/21/96 LAST NM 29/04 Add Depth 3.4 meters enclosed by depth contour (6-meter) (17(345)02 Helsinki)	33/04 61°00.1'N 20°59.7'E	53062 13Ed. 1/22/94 LAST NM 26/04 Add Chartlet, depicting changes in hydrography and aids to navigation, from Subsection I-2 (Fr CH 7390)	33/04 43°21'00.0"N 5°19'45.0"E
44313	1Ed. 4/11/87 LAST NM 26/04 Add Depth 3.4 meters (17(345)02 Helsinki)	33/04 61°00'03"N 20°59'39"E	54343 10Ed. 12/9/95 LAST NM 32/04 Delete Buoy Buoy Purple dashed line joining Change Height of light to 11m (See 6/04-54343)	33/04 37°54'50"N 23°39'41"E 37°50'56"N 23°43'17"E 37°54'02"N 23°32'02"E 37°53'08"N 23°30'32"E 37°50'38"N 23°30'20"E 37°52'32"N 23°33'32"E
51158	2Ed. 3/30/96 LAST NM 6/03 (Panel C) Change Light to QG 10m 3M Light to QG 10m 3M (27(435)03 Cadiz)	33/04 37°18'56.1"N 6°00'36.0"W 37°18'56.1"N 6°00'42.0"W	Add Buoy Y, pillar, Fl 4s Buoy Y, pillar, Fl 4s Buoy Y, pillar, Fl 4s Light FG 8m 3M	33/04 37°54'07"N 23°39'11"E 37°52'45"N 23°42'01"E 37°49'14"N 23°41'58"E 37°43'05"N 23°56'35"E
51344	2Ed. 12/28/96 LAST NM 26/04 (Panel A) Add Disused submarine cable [L32] joining 28°08'49.2"N 15°26'10.2"W 28°10'13.8"N 15°27'05.4"W 28°10'21.6"N 15°27'17.7"W 28°10'23.4"N 15°27'17.7"W	33/04		(continued on next page)

SECTION I

54343	(Continued)			
	Dangerous submerged rock [K13]	37°37'05"N 23°18'18"E		
	Purple dashed line joining	37°54'02"N 23°32'02"E 37°52'14"N 23°29'14"E 37°49'56"N 23°30'56"E 37°52'32"N 23°33'32"E		
	(4(105), 5(125), 9(229), 12(301)03, 4(96)04 Athens)			
54346	9Ed. 4/3/04 LAST NM 32/04	33/04		
Delete	Buoy	37°54'48.0"N 23°39'43.0"E		
Add	Buoy Y, pillar, Fl 4s	37°54'07.2"N 23°39'11.4"E		
(5(125)03 Athens)				
54421	6Ed. 3/17/01 LAST NM 20/04	33/04		
Delete	Dashed line and legend "FETHIYE HARBOR LIMIT, KOCEK HARBOR LIMIT" joining	36°42'36"N 29°00'00"E 36°32'50"N 28°51'00"E 36°29'10"N 28°51'00"E		
	Dashed line and legend "KOCEK HARBOR LIMIT" between	36°47'10"N 28°32'30"E 36°37'20"N 28°32'30"E		
	Pilot station symbol	36°45'00"N 28°30'35"E		
Substitute	Depth 51 meters for 73 meters	36°37'55"N 29°04'24"E		
	Depth 40 meters for 51 meters	36°40'50"N 28°55'18"E		
	Depth 21 meters for 48 meters	36°38'24"N 28°52'06"E		
	Depth 14 meters for 18.4 meters	36°32'24"N 29°02'54"E		
Add	Depth 25 meters	36°38'54"N 29°03'58"E		
	Depth 1.8 meters	36°40'18"N 29°01'12"E		
	Depth 38 meters	36°40'10"N 28°59'00"E		
	Depth 32 meters	36°42'30"N 28°58'34"E		
	Depth 45 meters	36°42'30"N 28°57'06"E		
	Depth 16 meters	36°42'07"N 28°56'30"E		
	Depth 65 meters	36°38'56"N 28°55'10"E		
	Depth 8 meters	36°43'40"N 28°57'36"E		
	Depth 5.9 meters	36°32'10"N 29°01'20"E		
	Depth 39 meters	36°32'36"N 29°00'18"E		
	Depth 59 meters	36°46'06"N 28°23'36"E		
	Position circle "R Mast" [E28]	36°46'06"N 28°38'12"E		
	"PROHIBITED AREA (NO DIVING)" [N2.2] bound by shore and purple composite line joining	36°47'10"N 28°24'00"E 36°47'00"N 28°24'00"E 36°47'00"N 28°22'00"E 36°47'48"N 28°22'00"E		
	"PROHIBITED AREA (NO DIVING)" [N2.2] bound by shore and purple composite line joining	36°45'30"N 28°36'46"E 36°45'30"N 28°36'06"E 36°44'08"N 28°36'06"E 36°44'08"N 28°36'28"E		
(Trk CH 312)				
54430	1Ed. 8/21/93 LAST NM 20/04	33/04		
Delete	Dashed line and legend "FETHIYE HARBOR LIMIT, KOCEK HARBOR LIMIT" joining	36°42.6'N 29°00.0'E 36°33.0'N 28°51.0'E 36°29.3'N 28°51.0'E		
	Dashed line and legend "KOCEK HARBOR LIMIT" between	36°47.2'N 28°32.5'E 36°37.5'N 28°32.5'E		
Add	Depth 5.5 meters	36°39.8'N 29°05.6'E		
	Depth 25 meters	36°38.9'N 29°04.0'E		
	Depth 1.8 meters	36°40.3'N 29°01.2'E		
	Depth 32 meters	36°42.5'N 28°58.6'E		
	Depth 51 meters	36°37.9'N 29°04.4'E		
	Depth 16 meters	36°42.1'N 28°56.5'E		
	Depth 40 meters	36°40.8'N 28°55.3'E		
	Position circle "R Mast" [E28]	36°46.1'N 28°38.2'E		
(Trk CH 312)				
95268	16Ed. 3/28/98 LAST NM 30/04	33/04		
Change	(Plan A)			
	Light to Fl R 3s 12m 3M	36°48'18.3"N 137°03'24.0"E		
	Light to Fl R 4s 13m 5M	36°47'42.2"N 137°04'04.1"E		
	Light to Fl G 4s 12m 3M	36°47'36.8"N 137°04'07.9"E		
	Visibility (range) of light to 3M	36°47'06.9"N 137°04'59.7"E		
	Visibility (range) of light to 5M	36°47'08.1"N 137°05'25.3"E		
	(Plan B)			
	Change	Fl(2) R 5s 11m 7M	36°45'55.2"N 137°13'32.6"E	
		Light to Fl(2) G 5s 15m 5M	36°45'55.8"N 137°13'40.1"E	
		(See 9/03-95268)		
		(15(540)03 Tokyo; Jpn LL)		
95271	4Ed. 2/7/98 LAST NM 30/04	33/04		
Change	Light to Fl R 3s 12m 3M	36°48'18.3"N 137°03'24.0"E		
	Visibility (range) of light to 3M	36°47'42.2"N 137°04'04.1"E		
	Visibility (range) of light to 3M	36°47'36.8"N 137°04'07.9"E		
	Visibility (range) of light to 3M	36°47'06.9"N 137°04'59.7"E		
	Visibility (range) of light to 5M	36°47'08.1"N 137°05'25.3"E		
	Visibility (range) of light to 4M	36°46'33.3"N 137°07'03.8"E		
	Light to Fl(2) R 5s 7M	36°45'55.2"N 137°13'32.6"E		
	Light to Fl(2) G 5s 5M	36°45'55.8"N 137°13'40.1"E		
	(15(540)03 Tokyo; Jpn LL)			
95272	3Ed. 8/23/97 LAST NM 30/04	33/04		
Change	Visibility (range) of light to 4M	36°46'33.3"N 137°07'03.8"E		
	(15(540)03 Tokyo)			
97143	12Ed. 2/14/04 LAST NM 21/04	33/04		
Add	Fish haven symbol [K46.1]	(24(644)04 Tokyo)	35°13'43"N 139°49'38"E	
97144	14Ed. 6/22/02 LAST NM 6/04	33/04		
Add	Fish haven symbol [K46.1]	(24(644)04 Tokyo)	35°13'43"N 139°49'38"E	
97149	20Ed. 11/29/97 LAST NM 12/04	33/04		
Delete	Foul ground symbol	35°26'37.6"N 139°39'51.5"E		
	Legend "Lesser depths reported (2004)" between	35°26'38.1"N 139°39'54.0"E 35°26'40.8"N 139°39'56.1"E		
	Depth 2.8 meters	35°26'30.5"N 139°39'51.0"E		
	Depth 6.4 meters	35°26'30.5"N 139°39'52.5"E		
	(Supersedes 12/04-97149)			
Substitute	Land tint for blue tint in vicinity and delete legend "Log Pond"	35°26'24.0"N 139°39'51.0"E		
	Depth 8.9 meters for 10.1 meters	35°26'38.8"N 139°39'54.2"E		
Add	Land tint to area bound by shore and solid line [F13] between	35°26'38.0"N 139°39'54.3"E 35°26'34.0"N 139°39'51.0"E		
	Depth 8.7 meters	35°26'40.8"N 139°39'56.0"E		
	Depth 5.5 meters	35°26'37.0"N 139°39'53.0"E		
	Depth 5.8 meters	35°26'35.2"N 139°39'51.5"E		
	Depth 4.8 meters	35°26'36.0"N 139°39'49.0"E		
	(23(608)04 Tokyo)			
97202	15Ed. 8/23/97 LAST NM 30/04	33/04		
Add	Chartlet, depicting changes in hydrography, topography and aids to navigation, from Subsection I-2	33°59'42.0"N 134°37'18.0"E		
	Solid line joining	33°59'23.5"N 134°37'16.7"E 33°59'20.8"N 134°37'19.1"E 33°59'23.5"N 134°37'24.4"E		
	and delete land tint area seaward of above line			
	(12(305)04 Tokyo; Jpn CH W1126)			
97221	20Ed. 1/17/98 LAST NM 27/04	33/04		
Change	Light to Fl(2) R 6s 13m 7M	(12(314)04 Tokyo; Jpn LL)	34°15'26"N 134°20'31"E	

SECTION I

NM 33/04

97234	17Ed. 12/26/98 LAST NM 24/04 Add "Fish haven" area with blue tint [K46.1] bound by dotted line (limiting danger line) joining	33/04
	34°31'46.0"N 133°58'29.0"E 34°31'40.0"N 133°58'27.0"E 34°31'30.0"N 133°58'03.0"E 34°31'33.0"N 133°58'01.0"E 34°31'38.0"N 133°58'04.0"E 34°31'43.0"N 133°58'17.0"E	
	(23(613)04 Tokyo)	
97272	11Ed. 6/14/97 LAST NM 31/04 Delete Submarine cable in vicinity Submarine cable in vicinity	33/04
	(12(316)04 Tokyo)	33°58'00"N 131°39'42"E 33°58'00"N 131°39'54"E
97273	11Ed. 5/31/03 LAST NM 9/04 Delete Submarine cable in vicinity Submarine cable in vicinity	33/04
	(12(316)04 Tokyo)	33°58'00"N 131°39'42"E 33°58'00"N 131°39'54"E
97277	12Ed. 1/24/04 LAST NM 24/04 Delete Submarine cable in vicinity Submarine cable in vicinity	33/04
	(12(316)04 Tokyo)	33°58'00"N 131°39'42"E 33°58'00"N 131°39'54"E
97383	16Ed. 9/6/97 LAST NM 25/04 Add Dangerous wreck [K28]	33/04
	(23(616)04 Tokyo)	32°24'48"N 130°26'00"E
97385	10Ed. 8/2/97 LAST NM 22/04 Add Dangerous wreck [K28]	33/04
	(23(616)04 Tokyo)	32°24'48"N 130°26'00"E
97387	2Ed. 4/1/95 LAST NM 25/04 Add Dangerous wreck [K28]	33/04
	(23(616)04 Tokyo)	32°24'48.0"N 130°26'00.0"E
97392	5Ed. 2/15/97 LAST NM 38/03 Delete Light	33/04
	(12(317)04 Tokyo)	32°49'23"N 128°56'16"E

Chart 53062

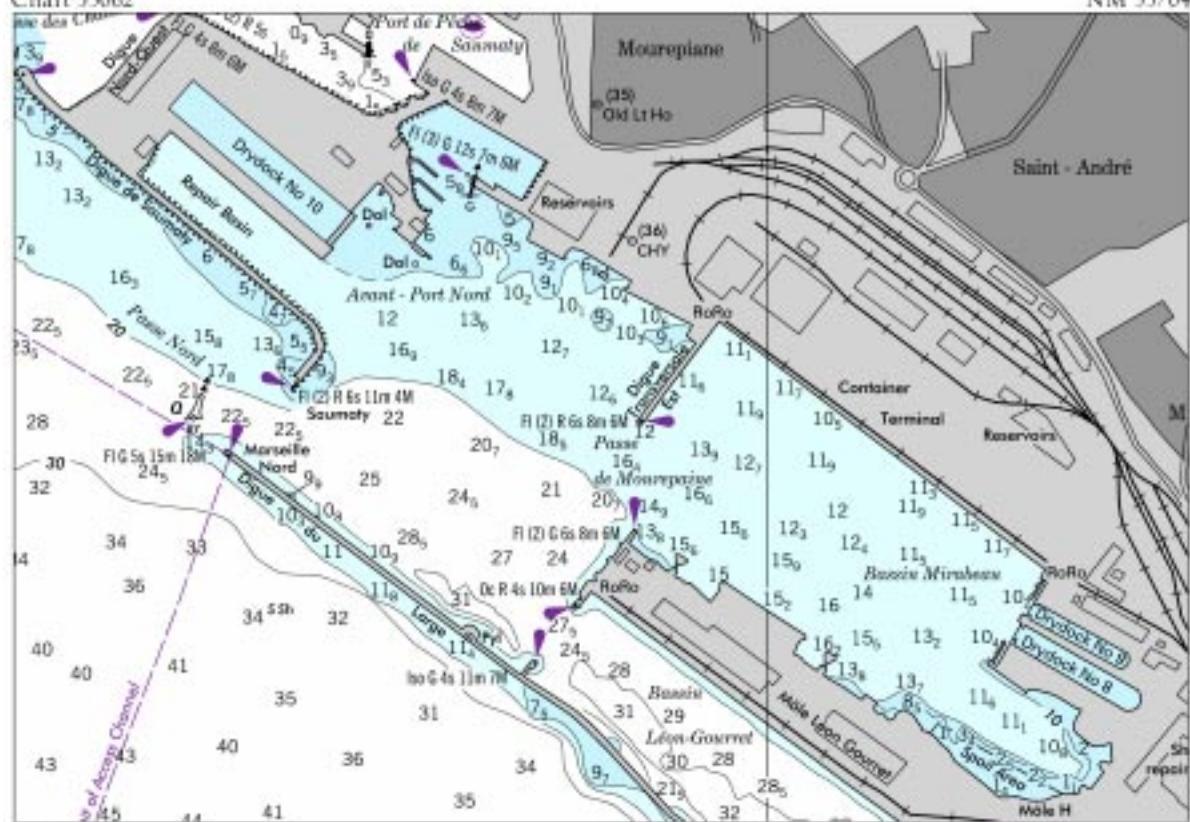
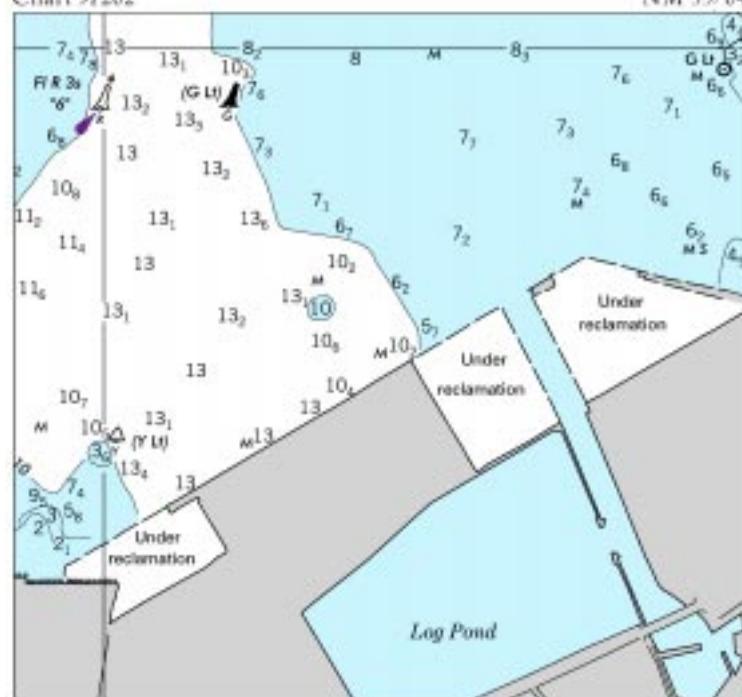


Chart 97202



SECTION I

Chart 11389

NM 33/04

PORT ST. JOE AND PANAMA CITY HARBOR CHANNEL DEPTHS					
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2004					
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)				PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (NAUT. MILES) DEPTH MLLW (FEET)
PORT ST. JOE HARBOR ENTRANCE CHANNEL	30.3	30.4	24.5	6-03	300-500 8.0 35-37
NORTH CHANNEL	26.7	27.0	27.1	6-03	300 4.1 35
TURNING BASIN	26.2	26.7	26.4	6-03	650 0.3 32
HARBOR CHANNEL	26.2	26.7	26.8	6-03	250 0.3 35
SOUTH CHANNEL	A				200 1.1 27
PANAMA CITY HARBOR ENTRANCE CHANNEL	36	36	36	3-04	450-300 2.1 38-36

A. NOT MAINTAINED
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11390 (Side A)

NM 33/04

PANAMA CITY HARBOR CHANNEL DEPTHS					
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2004					
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)				PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (NAUT. MILES) DEPTH MLLW (FEET)
PANAMA CITY HARBOR ENTRANCE CHANNEL	36	36	36	3-04	450-300 2.1 38-36

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

Chart 11391

NM 33/04

PANAMA CITY HARBOR CHANNEL DEPTHS					
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2004					
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)				PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (NAUT. MILES) DEPTH MLLW (FEET)
PANAMA CITY HARBOR ENTRANCE CHANNEL	36	36	36	3-04	450-300 2.1 38-36

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

Chart 14815

NM 33/04

ROCHESTER HARBOR CHANNEL DEPTHS					
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS MAR 2004					
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT GREAT LAKES LOW WATER DATUM (LWD)				PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (MILES) DEPTH LWD (FEET)
ENTRANCE TO BEGINNING OF JETTIES	18.3	19.3	19.9	3-04	300 0.91 24
BEGINNING OF JETTIES TO END OF JETTIES	18.4	19.1	17.3	3-04	200 0.57 23
END OF JETTIES TO RR BRIDGE	7.9	17.3	18.1	3-04	200-400 0.27 23
TURNING BASIN	7.5	A8.1	8.0	3-04	140-25 0.04 23
RR BRIDGE TO 200 FT N OF BUOY '2' AT 43°14'04"N 077°37'02"W	10.9	B14.3	12.3	3-04	150-225 1.44 21
200 FT N OF BUOY '2' AT 43°14'04"N 077°37'02"W TO PT AT 43°13'50"N 077°36'57"W	18.3	12.0	11.4	3-04	150-525 0.30 21
PT AT 43°13'50"N 077°36'57"W TO END OF PROJECT	11.1	12.2	11.3	3-04	150 0.51 21

A. SHOALING TO 7.2 FEET IN LEFT HALF OF QUARTER
B. SHOALING TO 11.8 FEET FROM 43°15'10.8"N 077°36'30.1"W TO 43°15'13.7"N 077°36'28.0"W
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

SECTION I

Chart 14839

NM 33/04

CLEVELAND HARBOR CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO MAR 2004 AND REPORTS TO APR 2004						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT GREAT LAKES LOW WATER DATUM (LWD)						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 LWD (FEET)
LAKE APPROACH CHANNEL	28.1	30.3	29.8	27.3	4-03	600-750 0.22 29
ENTRANCE CHANNEL	27.9	29.6	30.1	26.4	5-03	225-750 0.22 28
CUYAHOGA RIVER						
PIER RANGE	A20.7	27.4	28.7	17.9	3-04	230 0.30 27
THENCE TO LORAIN						
CARNEGIE VIADUCT BRIDGE	9.2	20.5	20.7	13.1	3-04	100-700 2.69 23
THENCE TO END OF PROJECT	8.7	B20.5	C21.6	D13.1	3-04	110-400 3.11 23
OLD RIVER						
FROM CUYAHOGA RIVER						
TO END OF PROJECT	17.0	22.3	21.8	E15.2	5-03, 3-04	125-200 1.10 27
EAST BASIN						
AIRPORT RANGE	20.5	23.7	23.8	19.4	8-03	500 3.11 25
TURNING BASIN	23.9	23.2	24.6	23.1	8-03	400-1600 0.33 25
EASTERN SECTION	F20.9	22.0	22.5	22.1	5-03	1250-1540 0.72 27
WESTERN SECTION	21.1	23.9	28.7	26.6	5-03	1300-1540 0.28 28
WEST BASIN	G24.1	H24.9	I22.7	J21.1	5-03	1150-1570 0.91 28
A. EXCEPT FOR SHOALING TO 14.9 FEET AT 41°30'00.6"N 081°42'31.3"W. B. EXCEPT FOR SHOALING TO 12.1 FEET IN LAST 200 FEET OF QUARTER. C. EXCEPT FOR SHOALING TO 12.1 FEET IN LAST 800 FEET OF QUARTER. D. EXCEPT FOR SHOALING TO 1.9 FEET FROM 41°29'10.8"N 081°40'47.3"W TO 41°29'09.7"N 081°40'46.4"W AND TO 1.9 FEET IN LAST 800 FEET OF QUARTER. E. EXCEPT FOR SHOALING TO 10.4 FEET AT 41°29'51.2"N 081°42'44.0"W AND TO 12.7 FEET AT 41°29'31.8"N 081°42'57.3"W. F. EXCEPT FOR SHOALING TO 16.0 FEET IN LEFT OUTSIDE 50 FEET OF QUARTER. G. EXCEPT FOR SHOALING TO 19.6 FEET IN WESTERN 500 FEET OF PROJECT. H. EXCEPT FOR SHOALING TO 16.8 FEET IN WESTERN 500 FEET OF PROJECT. I. EXCEPT FOR SHOALING TO 15.4 FEET IN WESTERN 500 FEET OF PROJECT. J. EXCEPT FOR SHOALING TO 14.8 FEET IN WESTERN 500 FEET OF PROJECT.						
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION						

Chart 14846 (Page 1)

NM 33/04

TOLEDO HARBOR CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2004 AND SURVEYS TO DEC 2003						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT GREAT LAKES LOW WATER DATUM (LWD)						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 LWD (FEET)
ENTRANCE CHANNEL TO BUOY 49	23.0	25.7	24.1	21.3	4-03, 6-03, 10-03, 12-03	500 18.0 28
MAUMEE MOORING BASIN	24.0	19.0	17.9	16.8	4-03, 10-03	450 1.40 28
THENCE TO BUOY 62 MAUMEE RIVER CHANNEL	23.0	22.0	26.0	23.0	4-03, 11-03	400 2.65 27
RIVERSIDE TURNING BASIN	21.0	19.0	17.0	12.0	11-03	350 0.25 20
THENCE TO ANTHONY WAYNE FIXED BRIDGE	22.0	25.0	26.9	25.0	7-03, 11-03	200 2.51 27
THENCE TO BUOY 67	14.4	26.8	25.7	22.8	7-03	200 1.08 27
TURNING BASIN	26.6	26.0	24.8	20.6	7-03	260-630 .27 27
THENCE TO UPSTREAM LIMIT OF PROJECT	5.8	7.8	9.4	9.3	7-03	200 .47 25
TURNING BASIN	10.4	10.9	11.5	11.3	7-03	835 .16 18
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION						

SECTION I

NM 33/04

Chart 14847

NM 33/04

TOLEDO HARBOR CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2004 AND SURVEYS TO DEC 2003						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT GREAT LAKES LOW WATER DATUM (LWD)						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 LWD (FEET)
ENTRANCE CHANNEL TO BUOY 49	23.0	25.7	24.1	21.3	4-03,6-03,10-03,12-03	500 18.0 .28
MAUMEE MOORING BASIN	24.0	19.0	17.9	16.8	4-03, 10-03	450 1.40 .28
THENCE TO BUOY 62 MAUMEE RIVER CHANNEL	23.0	22.0	26.0	23.0	4-03, 11-03	400 2.65 .27
RIVERSIDE TURNING BASIN	21.0	19.0	17.0	12.0	11-03	350 0.25 .20
THENCE TO ANTHONY WAYNE FIXED BRIDGE	22.0	25.0	26.9	25.0	7-03, 11-03	200 2.51 .27
THENCE TO BUOY 67	14.4	26.8	25.7	22.8	7-03	200 1.08 .27
TURNING BASIN	26.6	26.0	24.8	20.6	7-03	260-630 .27 .27
THENCE TO UPSTREAM LIMIT OF PROJECT	5.8	7.8	9.4	9.3	7-03	200 .47 .25
TURNING BASIN	10.4	10.9	11.5	11.3	7-03	835 .16 .18

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

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 21/03 THROUGH NM 33/04

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.
12	1	27/04	11006	31	47*,49,50/03;3,5,6,13,16, 20,29,32/04	11358	52	41*,49,50,51/03;2,3,5,6, 7,14,19,23,25,33/04	11451	31	22,25/03;11,14,31/04
13	1	27/04	11009	36	39,52/03;5,21,29/04	11359	11	49,50/03;19,32/04	11460	39	15*,19/04
21	4	4/04	11013	45	38*,40,50,52/03;16, 19/04	11360	40	23,24,25,26,27,29,30,34, 35,37,38,49,50,51,52/03; 1,2,3,5,7,11,13,14,15,20, 22,25/04	11461	5	25,39,52/03
22	1	4/04	11300	39	28*,30,31,32,34,35,36, 44,45,50,51/03;5,6,7,10, 15,18,20,23,25/04	11361	71	11*,12,13,17,19,23,24, 25,27,33/04	11462	24	22,25/03;11,31/04
50	6	32*,34,40,50/03	11301	23	24,32/03;1,7,17,25,27/04	11362	4	N23,N24,N25,N26,N27, N29,N30,N34,N35,N37, N38,N49,N50,N51, N52/03;N1,N2,N3,N5, N7,N11,N13,N14,N15, N20,N22,N25/04	11463	17	24/03*,11,31/04
53	2	34,50/03	11302	30	48/03*;1,7,17,27/04	11305	1	N32/03;N1,N13,N23, N26/04	11464	16	25/03;31/04
103	5	9/04	11304	13	33/04*	11307	36	22,24,27,35,52/03;1/04	11465	36	22,40/03
105	4	28/04	11308	22	23,25,32/03;13,23/04	11309	37	48*,50/03;1,13,23/04	11466	36	30*,31,40/03;11,14/04
108	9	34,39/03;19,21/04	11310	1	N32/03;N1,N13,N23, N26/04	11360	4	N23,N24,N25,N26,N27, N29,N30,N34,N35,N37, N38,N49,N50,N51, N52/03;N1,N2,N3,N5, N7,N11,N13,N14,N15, N20,N22,N25/04	11467	38	5,14,16,29/04
120	6	39/03	11311	23	26/03;1,12/04	11363	39	47*,50,51/03;1,4,5,6,12, 13,14,17,20,23,25,26,28, 32/04	11468	40	16/04*
124	10	34,39/03;27/04	11312	3	22,23,32/03;1,13,25, 26/04	11310	1	N22,N23,N32/03;N1, N12/04	11469	5	21,23,31,40/03;19,29/04
200	3	37/03	11313	22	22,27,36,52/03;4,14,20, 25/04	11364	39	21,23,25,26,27,30,33,34, 35,43,50,51/03;1,4,6,13, 14,21,25,26,28/04	11470	36	40/03;16,29/04
204	4	4/04	11314	23	15/04*	11365	17	32,34,50/03;3,6,7,14,15, 20,23,25/04	11471	1	N32/04*
211	5	4/04	11315	31	48/03*	11366	8	52/03*;1,3,5,7,11,12,13, 14,15,19,23,25,32/04	11472	31	25,40/03;14,32/04
301	1	21,24/03	11316	39	22,26,29,34/03;1,15, 27/04	11367	32	38*,45,46,51/03;14,25, 28,33/04	11474	10	52/03
310	20	21,24,52/03;6/04	11317	30	12*,19,27/04	11368	22	21,23,30,33,34,35,45,46, 51,52/03;14,28,33/04	11475	17	25/04*
400	3	29,33,34/03;6,19,25, 27/04	11318	1	N14,N25,N44,N50/03; N1,N13,N23/04	11369	44	21,27,43,50/03;1,6,13, 28/04	11476	20	22*,29/04
401	5	29,33,34,44/03;6,19,21, 25,27/04	11319	31	25,26,29,30,34/03	11370	24	38/03*;4,13,18/04	11477	6	N15,N29/04
402	4	27/04	11320	1	N22,N23,N24,N52/03	11371	36	35*,48/03;4,6,12/04	11478	20	32*,50,52/03;13,29/04
411	49	22,23,24,25,26,29,30,31, 33,44,52/03;1,5,6,16,19, 21,25/04	11321	29	23,31,34/03;7,10,13,14, 18,20,33/04	11372	31	23*,25/04	11479	4	N23,N25,N31,N34,N40, N52/03;N19/04
502	2	40,44/03;11/04	11322	28	23,30,34,35,42,47/03;1,7, 14,17,27/04	11373	43	48*,49/03;1,3,4,5,7,14, 17,20,22,24/04	11480	38	30/03*,14,21,31/04
503	4	1,27/04	11323	60	47*,49,51/03;1,3,5,6,9, 15,17,19,20,25,26/04	11374	32	2*,7,14,17,20,22,24, 25/04	11481	5	22*,29/04
504	4	23,26/04	11324	33	47*,49,52/03;1,14,17,19, 20,26,27,33/04	11375	35	23,24,27,29,47,51/03;1,7, 14,17,20,22,24,25/04	11482	22	11*,29/04
510	3	40/03;17/04	11325	35	26*,38,42,47/03;1,14,17, 27/04	11376	49	48*,49/03;5,7,11,16,17, 19,20,23/04	11483	33	30,34,50,52/03;14,32/04
511	4	17/04	11326	32	15*,16,17,19,20,23,26, 33/04	11377	5	38*,44/03;7,14,17,20, 23/04	11484	22	22*,29/04
512	2	11,20/04	11327	31	46*,52/03;1,14,16,17,19, 27,33/04	11378	33	16*,20,23,24,32/04	11485	33	22/03*
513	6	34,50/03;18/04	11328	23	43*,52/03;1,2,4,6,7,14, 17,23,27/04	11382	40	18*,24/04	11486	15	36/03*
514	7	16/04*	11329	35	48*,49,52/03;2,6,7,14,17, 23,27,33/04	11383	50	52/03*;13,24,32/04	11488	24	50/03;16/04
520	127	34,40,41/03;4,11,26, 27/04	11330	15	50*,51/03;1,2,4,5,6,7,10, 13,14,15,17,20,23,25, 26/04	11384	34	2*,13,24/04	11489	35	19*,29,32/04
521	11	34,50/03;11,20/04	11331	19	12*,14,25/04	11385	26	23/04*	11490	17	50/03;14/04
523	8	34,50/03;11,20,26/04	11332	29	24*,25,26,27/04	11386	49	48*,49/03;5,7,11,16,17, 19,20,23/04	11491	31	16,32/04
524	12	34/03	11333	1	N35/03	11387	5	38*,44/03;7,14,17,20, 23/04	11492	21	32/04
525	3	40/03	11340	68	37*,38,45,46,49,50,51, 52/03;1,2,3,4,5,6,7,10,13, 14,15,16,17,19,20,23,25, 26,32,33/04	11388	30	18*,20/04	11493	28	31/04*
526	10	26/04	11341	40	18*,25,26,27/04	11389	32	32,42,51/03;2,7,13,14,16, 17,23,24,33/04	11494	9	N22,N31/N14,N29,N32/04
530	30	21,22,24,34,40,41,44, 50/03;4,7,11,19,21,23,26, 27,33/04	11342	52	27*,29,31,34,35,42,46, 47/03;1,6,13,14,17,27/04	11390	23	19*,20,23,24,26,33/04	11495	9	N24,N39,N50/03;1,2,5,7,8, 21,25,29,31/04
531	22	21/04*	11343	37	48*,49,50/03;4,17,27/04	11391	23	2*,3,7,14,16,17,23,24, 33/04	11496	24	30/04*
532	17	34,50/03;11,15,20/04	11344	35	22,23,26,27,29,31,34,38, 43,46,47/03;4,9,14,16, 17,24/04	11392	6	21,32,50/03;3,14/04	11501	2	25,31/04
540	17	16*,23,26/04	11345	31	38/03/4/04	11393	20	30,35,42/03;13,14/04	11502	40	22,28,34,43,51/03;14,16, 16,21,29/04
541	2	26/04	11346	33	21,23,25,26,27,29,31,32, 43,47,48,50,51/03;4,9,24, 25/04	11394	30	25/04*	11503	29	18*,29,32/04
600	5	45/03	11347	33	21,23,25,26,27,29,31,32, 43,47,48,50,51/03;4,9,24, 25/04	11395	31	20,30*,34/03	11504	15	22/03
601	4	27,38/03	11348	20	43*,47,51/03;4,24,25/04	11396	22	10/04*	11505	2	25,31/04
602	6	38/03	11349	41	22*,23,25,33/04	11397	23	18*,20/04	11506	40	22,28,34,43,51/03;14,16, 16,21,29/04
604	5	38/03;22/04	11350	25	43*,47,51/03;4,24,25/04	11398	23	19*,20,23,24,26,33/04	11507	31	16,32/04
607	1	45/03	11351	25	43/03*	11399	23	21,32,50/03;3,14/04	11508	21	32/04
623	9	36/03	11352	52	27*,29,31,34,35,42,46, 47/03;1,6,13,14,17,27/04	11400	35	30/04*	11509	28	31/04*
624	3	7/04	11353	3	9*,13,14,19,26,28/04	11401	30	25/04*	11510	19	25*,32/04
703	4	44/03	11354	24	26*,31,34,48,51/03;1,10, 12,14,15/04	11402	21	30*,34/03	11511	16	14,32/04
706	4	44/03	11355	26	23/04*	11403	14	13,14,15,16/04	11512	59	22,24,34,43,51/03;14,16, 21,25,29,31/04
707	2	34,44/03	11356	35	38*,51,52/03;3,4,6,13,14, 19,25,26,33/04	11404	22	10/04*	11513	24	30/04*
708	3	34,36/03	11357	33	21,23,25,26,27,29,31,32, 43,47,48,50,51/03;4,9,24, 25/04	11405	29	38/03*,33/04	11514	26	22,24,34,43,51/03;14,16, 21,25,31/04
709	2	25/03	11358	37	13*,14,15,20,25/04	11406	11	33/04	11515	27	30/04*
800	4	15,20/04	11359	3	9*,13,14,19,26,28/04	11407	28	21/04*	11516	19	39/03;14/04
803	1	15/04	11360	24	26*,31,34,48,51/03;1,10, 12,14,15/04	11408	28	21/04*	11517	17	24/03
1113A		21,22,25,52/03;16,32/04	11361	35	22/03,26,27,29,31,34,38, 43,46,47/03;4,9,14,16, 17,24/04	11409	28	32/03*,15/04	11518	33	28,50/03;14,15,29,31/04
1114A		30/04*	11362	31	38/03/4/04	11410	42	18*,31,32/04	11519	12	28/03*
1115A		23,24,25,26,27,29,30,34, 35,37,38,49,50,51,52/03; 1,2,3,5,7,11,13,14,15,20, 22,25/04	11363	38	22,23,25,27,30,31,34,48, 50,51,52/03;1,3,25,10,12, 13,14,15,23,26,33/04	11411	14	13,14,15,16/04	11520	41	38*,39,50/03;1,2,5,7,8, 21,27,29/04
1116A		37*,38,45,46,49,50,51, 52/03;1,2,3,4,5,6,7,10,13, 14,15,16,17,19,20,23,25, 26,32,33/04	11364	37	13*,14,15,20,25/04	11412	42	18*,31,32/04	11521	27	30/04*
1117A		28*,30,31,32,34,35,36, 44,45,50,51/03;5,6,7,10, 15,18,20,23,25/04	11365	3	9*,13,14,19,26,28/04	11413	6	12,13,14,15,16,32/04	11522	19	39/03;14/04
5161	13	48/03*	11366	24	26*,31,34,48,51/03;1,10, 12,14,15/04	11414	33	15,16/04	11523	21	39/03
11004	7	21,22,23,24,25,26,27,29, 30,32,34,36,37,38,44, 45,46,50,51/03;5,6,7,10, 13,14,15,16,18,23,25,32/04	11367	36	38*,52/03;2,3,5,12,14,15, 17,20,23,26/04	11415	30	39/03	11524	20	38/03,45,50/03
11357	36	38*,52/03;2,3,5,12,14,15, 17,20,23,26/04	11368	31	12,13,14,15,16,32/04	11416	25	22/03;31/04	11525	6	N24,N39,N50/03;N1,N2,N 5,N7,N8,N25,N27,N29/04
11357	36	38*,52/03;2,3,5,12,14,15, 17,20,23,26/04	11369	32	12,13,14,15,16,32/04	11417	33	19/04*	11526	17	18*,27/04
11357	36	38*,52/03;2,3,5,12,14,15, 17,20,23,26/04	11370	33	12,13,14,15,16,32/04	114					

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 21/03 THROUGH NM 33/04

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.
12207	21	18/04*	12354	41	26*,30/04	13293	33	27/03	14196		N38/03*:N15/04
12208	10	29/04*	12363	39	23,27,32,36/03;30,31/04	13296	25	27/03	14197		N38/03*:N15/04
12210	36	33/03	12364	34	23,25,27,32,36,39/03;29,	13301	20	23,42,45/03	14198		N43/03*
12214	45	30/04*			30,31/04	13302	21	32,42,45,52/03;8/04	14200	2	38/03**
12221	75	48*,50/03;2,9,11,19, 28/04	12365	26	23/03	13305	28	36,44/03;8/04	14201	15	38/03**
12222	46	30/04*	12366	27	27/03;31/04	13307	10	23,28,44/03;8/04	14203	12	42/03**
12224	23	33,45/03;9/04	12367	23	30/04	13308	12	22/04*	14204	21	38/03**
12225	54	22*,33/03;9,28/04	12368	26	24,25/03;30/04	13309	28	32,52/03;15/04	14205	7	38/03**
12228	30	16/04*	12369	25	32,35,36,43/03;28/04	13313	19	36/03	14206	20	43/03**
12230	61	3*,20,26,28,33/04	12371	23	27*,52/03;19,25,28/04	13316	22	28/03*	14208	28	38/03**
12231	26	30/03;28/04	12372	32	8*,17,20,23,25,28,29, 30/04	13318	18	21/03	14209		N38/03*:N15/04
12233	36	16/04*	12373	14	17/04	13324	14	5/04*	14211		N40/03*
12235	30	22*,28,29/04	12375	21	30/04	13325	14	29/03;7/04	14212		N38/03*:N11,N15/04
12237	27	48/03*,28,29/04	12378	14	23/03	13326	13	25/04*	14213		N39/03*:N5/04
12238	38	6*,19,28/04	12401	7	33,41/03;22,28/04	13394	3	21,42/03	14214		N39/03*
12241	21	34/03;2/04	12402	8	34,41/03;31,33/04	13396	4	21/03	14215		N39/03*
12243	13	12,20/04	13000		N21,N26,N29/03	14000		N23/04*	14216		N39*,N44/03;N5,N15/04
12244	13	20/04	13003	47	36*,39,44,45,48,52/03;6, 16,17/04	14002	57	23/04**	14217		N43/03*
12245	63	26/04*	13006	31	36*,39,44,45,48/03;6,16, 33/04	14003	6	29,39,48/03;6,16/04	14218		N39/03*:N6/04
12248	40	44/03*:4,15/04	13009	30	23,36,39,44,45,48/03;6, 16,33/04	14004		N23/04*	14219		N40/03*:N6,N19/04
12251	23	26/03;12,27/04	13200	33	36,39,44,45,48/03;6, 33/04	14005	78	23/04**	14220		N39/03*
12252	24	25*,28/04	13201	10	N36,N39,N44,N45, N48/03;N6/04	14006		N23/04*	14222	16	40/03**
12253	43	35/03*:2,10,13,15,19,27, 28/04	13203	12	48/03	14007		N38/03*:N14/04	14223	18	38/03**
12254	44	16/04*	13204	12	44/03;6/04	14008	76	38/03**	14224		N39/03*
12255	15	30,34/03	13205	36	23/03;2,17,25,29/04	14009	3	29/04**	14225	17	39/03**
12256	14	48/03*:2,12/04	13209	23	23/03;2,17,25/04	14010	5	29/04**	14226	32	39/03**
12261	28	22,48/03;20/04	13211	13	45/03;29/04	14011		N23/04*	14227	28	39/03**
12263	53	11*,14/04	13212	36	18*,25/04	14012		N29/04*	14228	11	39/03**
12264	28	42,44,48,52/03;26,33/04	13213	41	18*,20,23/04	14013		N29/04*	14229		N39/03*:N5/04
12266	28	8/04*	13214	27	21,27/04	14014	82	29/04**	14240	6	43/03**
12270	33	15/04*	13215	17	6,28/04	14015		N29/04*	14241	23	39/03**
12272	29	30,33,38/03;7/04	13216	1	N2/04	14016		N29/04*	14242	13	40/03**
12273	55	31/04*	13217	14	6/04	14019		N29/04*	14243	8	39/03**
12274	33	30,33/03;20,29/04	13218	38	46,50,52/03;19,20,22,23, 24,29,30,33/04	14024	5	22,36,47/03	14244	5	39/03**
12277	32	35*,51/03;20,26,29/04	13219	12	26/04	14040	65	29/04**	14245	4	39/03**
12278	73	8*,31/04	13221	54	15*,19,20,23,26,28,29, 33/04	14041	12	29/04**	14246	6	39/03**
12280	4	52/03*:2,7,9,28/04	13225	37	16*,20,23,29/04	14042	3	34,42/03	14247		N39/03*:N5,N6/04
12281	49	25,38,44,48,49/03;1,16, 20/04	13226	37	22*,26,28,33/04	14043	7	21,26,49/03	14248		N40/03*
12282	34	43/03*:31/04	13227	13	49/03;19/04	14044	44	47,49/03;1/04	14249		N39/03*:N5/04
12283	25	29/04*	13228	11	22,23/04	14046	2	47,49/03;9/04	14250		N40/03*
12284	15	42,48/03;26,33/04	13229	28	12*,13,19,22,23,24,30/04	14058		N29/04*	14251		N40/03*
12285	36	19/04*	13230	47	15*,19,22,23,24,30/04	14062	17	32,36/03;1,5,9/04	14252		N40/03*:N14/04
12286	29	42,52/03;28/04	13233	16	39/03;42,22,23/04	14066	19	34,42,47/03;5/04	14253		N40/03*:N9/04
12288	19	9/04	13223	37	16*,20,23,29/04	14067	11	14/04	14254		N40/03*
12289	48	22/03;13/04	13224	37	22*,26,28,33/04	14081	21	36,47/03;2/04	14259	3	40/03**
12300	43	39,44,48,49/03;6,17,20, 28,31,33/04	13225	33	15,19,33/04	14085	6	49/03;15/04	14260	47	39/03**
12301	21	N39,N44,N48,N49/03; N6,N20,N28,N31, N33/04	13227	13	49/03;19/04	14088	10	34,03/5/04	14263	15	40/03**
12304	43	21*,26,48,52/03;2,5,9,22, 26,28,30/04	13228	11	22,23/04	14089	29	34/03	14264	4	40/03**
12311	42	38*,48,51/03;1,10,16,22, 27,28,29,31,32,33/04	13229	28	12*,13,19,22,23,24,30/04	14105	19	47/03	14280	37	40/03**
12312	52	24,32,51/03;1,10,16,22, 31/04	13230	47	19,23,28/04	14110	42	32,44/03;1/04	14310	2	40/03**
12313	49	35*,43,52/03;8,15,22, 29/04	13233	16	39/03;42,22,23/04	14111	7	32,34,42,44/03	14319		N19/04*
12314	30	25,33,35/03;19,22,28/04	13235	6	23/04*	14112	5	32,42,44/03;1/04	14325	13	6/04
12316	30	12*,19,28,30,31/04	13236	29	50/03/1/04	14115	2	29/04**	14328	6	47/03;9/04
12317	32	28/04*	13237	39	27*,39/03;13,23/04	14128	6	4/04	14329	5	32,47,49/03;1/04
12318	42	31/04*	13241	15	23/04	14135	2	14/04	14340	25	22,30,49/03;1,9,15/04
12323	23	6/04	13242	17	23/04	14136	2	1/04	14341	5	34,47,49/03
12324	31	15*,19,28/04	13244	39	32/03	14141	17	47/03	14342	20	30,49/03;9/04
12326	49	35*,49/03	13246	37	36*,42/03	14144	29	38/03**	14344	2	49/03
12327	97	48*,49/03;17,20,22,24, 27,28,30,31/04	13249	12	22/03*	14145	2	47/03;15/04	14345	5	22,49/03
12331	30	33/03;22,33/04	13250	60	50/03*:9,15/04	14146	2	32,49/03;6/04	14353	3	42/03
12332	21	22/04	13272	48	18*,20,23/04	14147	15	38/03**	14354	2	32,42,50/03
12333	33	44*,49/03;17,24,28/04	13275	28	45/03*:15/04	14148	38	42/03**	14355	3	50/03
12334	67	25*,28,30,31/04	13276	22	36/03*	14180	1	3/03**	14357		N49/03;N4,N15/04
12335	40	47/03*	13278	25	32,39/03;23/04	14181	3	43/03**	14358		N34,N47/03;N1,N5, N15/04
12337	22	22/04	13279	30	32,39/03;17,23/04	14183	15	38/03**	14360	36	47/03;4,5,6,15/04
12338	9	21/03*:19/04	13281	17	17,23/04	14184		N32,N44,N47,N49/03	14364	6	4/04
12339	44	50/03*:23/04	13282	11	21*,39/03	14185	2	40/03**	14373	2	34,49/03;1,4/04
12341	26	36/03*	13283	18	4,6/04	14186	2	40/03**	14380	19	49/03;6/04
12343	18	21,27/03	13285	10	4/04	14187	2	38/03**	14386	3	6/04
12345	10	21/03	13286	30	22/04*	14188	1	42/03	14404	4	47/03
12347	29	27,29,35/03;24,26,28, 30/04	13287	11	20/04	14189	2	36,42,44/03;4,6,15/04	14415	4	36/03
12348	33	27,29,34/03;26/04	13288	40	29,42,44,45/03;20,23/04	14190	2	37,42/03;14/04	14420	27	40/03**
12350	58	17*,33/04	13290	35	39*,42,44,49/03;20,23, 29/04	14191		N38/03*	14756		N50/03;N11/04
12352	30	46/03*:26/04	13292	36	29,42,44,49/03;20,23, 29/04	14192		N38/03*:N9/04	14757		N15/04
12353	18	8*,26/04	13295			14193		N38/03*:N15/04	14758		N32,N49/03
						14195		N42/03*:N15/04	14769		N13/04**

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 21/03 THROUGH NM 33/04

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.
14803	26	49/03	14983	9	46/03*	16500	9	33/03	17331	7	14/04
14805	24	21/04*	14985	9	41/03*	16501	7	16/04*	17333	8	3*,14/04
14811	16	20/04	14986	9	46/03*	16511	7	17*,28/04	17335	6	14/04
14813	21	49/03;19/04	14987	9	3/04*	16514	4	14/04*	17336	8	14,17,28/04
14815	22	43/03;33/04	14988	10	41/03*	16516	7	24/04*	17337	8	14/04
14816	24	17/04*	14990	4	6/04*	16517	6	16/04*	17338	13	14,31/04
14820	20	15*,24/04	14991	10	8/04*	16520	22	25/04*	17339	11	14/04
14824	26	5*,19/04	14992	11	32/04*	16522	6	16/04*	17341	8	14/04
14826	27	49/03;8,20,30/04	14993	12	16/04*	16528	16	33/03;6/04	17360	33	31*,36/03;13,14/04
14829	6	15*,30,32/04	14994	11	21/04*	16529	15	24/04*	17362	10	14/04
14830	30	31*,34,47/03;15,20, 30/04	15017	4	10/04	16530	6	33/03;6/04	17363	13	14/04
14832	34	49,51/03;24,26/04	15043	3	34,47/03/	16535	12	21,31/03	17365	12	14/04
14833	26	18*,19,24/04	15044	3	34,47/03;1/04	16540	11	27,31/04	17367	11	14/04
14835	31	7/04	15046	4	47/03;14/04	16547	9	18/04*	17368	6	14/04
14836	27	10/04	15061	3	50/03	16549	15	41/03*,32/04	17370	10	3/04*
14837	27	5/04	15064	1	50/03	16553	4	22/04*	17372	11	48/03*,31/04
14839	36	43,49,51/03;5,8,33/04	15066	5	32,47/03	16561	1	29,35,44/03;25/04	17375	21	25/04*
14841	28	14*,30/04	15067	2	47,49/03	16566	10	29,44,49/03	17376	6	16/04
14842	13	46*,51/03;10,26/04	15069	4	47/03	16570	10	32/04*	17377	1	16/04
14843	23	18/04*	15070	3	49/03	16575	1	1/04	17378	14	17/04*
14844	32	18*,26/04	15074	1	6/04	16576	4	47/03*	17379	1	16/04
14845	27	14*,26/04	15080	1	47/03	16580	12	9*,18,32/04	17381	10	16/04
14846	12	16*,33/04	15083	6	14/04	16590	10	1/04	17382	15	36/03;13,16,28/04
14847	30	43,47/03;33/04	15160	5	50/03	16591	9	16/04*	17383	2	31/04*
14848	56	21,22/03;15,20/04	15163	2	50/03	16592	9	1,18/04	17384	8	15/04*
14850	52	2*,24/04	15300	N10/04		16593	11	1/04	17385	14	13,16,18/04
14852	45	21/03;2,10,15,21,24, 26/04	15444	N19/04*		16594	13	1/04	17386	3	16,18/04
14853	14	26/03*,10,15,21,24, 26/04	15563	N20/04*		16595	14	1/04	17387	13	16/04
14854	13	15/04	15569	N23/03		16596	12	1/04	17400	16	44/03;14,16,32/04
14860	35	26,30/04	15570	N23/03		16597	8	1,28/04	17401	11	18/04*
14862	28	26,30/04	15690	N35/03		16598	9	1,28/04	17402	10	16/04
14864	26	1,8/04	15946	N47/03		16599	6	1,28/04	17403	13	16/04
14865	16	26/04	16003	16	36,48/03	16601	10	1/04	17404	12	16/04
14866	21	30/04	16004	11	48/03	16603	8	48/03*	17405	14	25,46/03;16,18,26/04
14867	26	39/03*,25/04	16005	9	36,48/03	16604	11	1/04	17406	7	17*,26/04
14869	26	8/04	16006	33	32,35,36/03;1,15,21,27, 28,31/04	16606	11	21/03;1/04	17407	15	10/04*
14871	2	34/03	16011	35	29,31,32,35,44,50/03;1, 27,28,31/04	16608	4	46/03*	17408	7	16/04
14880	31	15/04*	16012	21	34,50/03	16645	18	1/04	17409	10	44/03;16/04
14881	31	8/04	16013	29	10*,32/04	16646	12	25/04	17412	2	49/03
14883	43	15*,19/04	16016	20	9/04*	16647	3	1/04	17413	2	44/03;32/04
14886	11	41/03*	16041	8	48/03	16648	4	1/04	17420	26	36/03;13,30/04
14901	14	7,10,26/04	16067	7	1/04	16660	29	17/04*	17422	8	13,29/04
14902	28	8,10,26/04	16081	6	1/04	16661	6	17/04	17423	13	13/04
14903	23	31/03*,2,7/04	16082	7	25/04*	16663	7	17/04*	17424	7	22/04*
14904	26	40/03*,1,26/04	16083	6	9/04*	16665	8	15/04*	17426	13	19/04
14905	30	45/03*,7/04	16085	6	15/04*	16668	10	32,37/03;15/04	17427	7	21,36/03
14906	23	32/04	16086	7	18/04*	16669	16	17/04*	17428	7	36,43/03;13,29/04
14907	25	10/04	16087	7	5/04*	16682	10	17/04*	17429	2	N13,N29/04
14908	18	22/04*	16102	5	9/04*	16683	10	17/04*	17430	10	36/03;13/04
14909	19	49/03;10/04	16124	6	3/04*	16700	28	40*,43,50/03;11,12, 14/04	17431	11	21/04*
14910	23	24/04	16200	13	36/03	16701	19	37/03*,12/04	17432	7	23/04*
14911	20	10/04	16204	6	22/04*	16702	11	37/03*,12/04	17436	6	19/04
14912	17	31/03*	16206	7	46/03;5/04	16704	13	12/04	17436	7	22/04*
14913	18	31/03*,8,10,15,20/04	16220	5	36/03;15/04	16705	19	43/03;12/04	17437	8	21/03
14915	25	28/03*	16240	10	15/04*	16706	10	12/04	17438	12	21,36/03;22,30/04
14916	10	1,19,26/04	16300	9	25*,32/04	16707	10	5,12,17,26/04	17441	7	22,30/04
14918	27	1,19,22*,24,26/04	16305	10	25/04*	16708	25	5,03/12/04	17445	2	36/03;22,30/04
14919	27	1,7/04	16315	10	1/04	16709	22	11,12,26/04	17460		N19/04*
14922	19	5,32/04	16322	8	22/04*	16710	16	10,12,14/04	17464	4	12/04
14924	27	49/03;2/04	16323	9	3/04*	16711	2	12/04	17470		N23,N41/03
14925	23	33/04*	16338	4	17*,28/04	16712	1	12/04	17471		N47/03*
14926	10	32*,47/03;7,8,10,20, 24/04	16343	7	1/04	16713	2	12/04	17472	4	36,41/03
14927	24	47/03;7,8/04	16363	12	10/04	16723	15	6,12/04	17480	4	36/03
14928	21	7,10,20/04	16380	14	32/04*	16741	10	16/04*	17482		N41/03
14929	24	7/04	16381	8	25/03	16760	10	28/03;12/04	17483		N41/03
14930	25	15*,32/04	16382	10	6/04	16761	16	28/03	17484	3	41/03;31/04
14932	23	26/03*,1,5,19,32/04	16420	10	46/03*	16762	9	12,14/04	17485	4	41/03
14933	24	1,30,32/04	16423	7	50/03*	17003	4	24,35,36/03;6/04	17513		N9,N12/04
14934	27	26/03;1/04	16432	11	3/04*	17005	10	24,34,35,43/03;3,6,30, 31/04	17515	7	36,43/03;12,33/04
14935	21	1,10/04	16433	8	14/04*	17008	12	36/03	17517	8	34/03;30/04
14937	24	10/04	16434	6	29/04*	17300	30	21,39/03	17520	2	N34/03
14938	23	1,7/04	16435	6	24/04*	17302	18	49/03;32/04	17523		N19/04*
14942	25	1/04	16442	7	41/03*	17303	10	24*,32/04	17524		N49/03
14961	12	3*,26/04	16446	8	30/04*	17315	23	21,25/03	17525		N43/03
14962	20	16/04*	16462	6	32/04*	17316	20	25/03;25/04	17526		N19/04*
14964	21	18/04*	16463	7	3/04*	17317	20	18/04*	17528		N19/04*
14965	21	2/04	16474	8	18/04*	17318	5	39/03	17543	17	43/03;14/04
14966	26	15/04*	16477	7	18/04*	17320	16	14/04*	17545	13	43/03;12,14/04
14967	22	26/04	16478	10	5/04*	17323	10	22,29,39/03;5,25,31/04	17546	22	24,34,35,43/03;14/04
14970	25	1/04	16480	10	34,50/03	17324	13	39/03;5/04	17548	28	43/03;30/04
14972	26	32/04*	16484	7	14/04*	17325	7	29/03	17549	6	3/04
14974	24	5/04	16486	7	24/04*	17327	21	46/03*,26/04	17550	4	43/03;3,6,31/04
14975	33	43,49/03;10,24/04	16487	6	20/04*	17328	7	10/04*	18000	8	21,36,44/03;11,22/04
14982	9	16/04*	16490	8	6/04*	17330	8	10*,14/04			

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 21/03 THROUGH NM 33/04

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.
18002	6	N21,N36,N44/03;N11, N21,N22/04	18539	9	21/04*	18762	15	1,16,28/04	21605	7	31/03
18003	19	22*,41,43/03;3,6,22, 30/04	18543	2	15/04*	18763	10	18*,23,28/04	22004	38	29/03;2,7,32/04
18005	4	N21,N26,N40/03;N4, N10,N21,N31,N33/04	18545	15	50/03*	18765	15	27,46/03;7,14,16,19,20, 22,26/04	22008	35	29,32,38,47/03;7,25,32, 33/04
18006	3	N21/04	18546	10	19/04*	18766	7	27,36/03;7,19,22,26/04	22012	31	29,32/03;25/04
18007	31	22,24,26,35,41/03;4,5,6, 7,16,22,24,27,33/04	18551	8	18/04*	18768	4	N27,N36,N38/03;N7, N19,N22,N26/04	22032	20	40/03
18008	7	N22,N24,N26,N35,N37, N41/03;N4,N5,N6,N7, N16,N22,N24,N27, N33/04	18556	25	17/04*	18769	2	N1/04	22036	28	51/03;2,21,22/04
18009	2	N26,N40/03;N10,N31, N33/04	18558	37	48/03;1/04	18772	47	21*,48/03;23/04	22050	4	26/03
18010	20	26,33,40,47/03;4,5,7,16, 24,27,31,33/04	18561	12	12*,22/04	18773	39	40*,41/03;4,14,23,31/04	22051	18	5,16/04
18011	1	26,33,40,47/03;4,5,7,16, 24,25,26,29,31,33/04	18580	21	51/03;17/04	18774	10	49/03;4,11,13,14,19,23, 25,26,31/04	22052	7	24/04*
18012	37	47/03*;1,4,7,11,19,21,22, 24,25,26,29,31,33/04	18581	17	36,50,51/03;14/04	18775	2	N1,N16/04	22053	4	N20/04**
18013	34	3*,4,7,11,13,19,21,22,23, 24,25,26,28,29,31,33/04	18584	38	43/03	19002	9	N23,N29,N46/03;N6,N8, N12,N16,N22,N23,N24, N26,N29/04	22054	1	20/04*
18014	44	41*,43,47,49/03;3,8,10, 17,27,28,30,31/04	18587	69	30/04*	19004	37	18*,23,24,26/04	22082	4	25,38/03;20/04
18015	8	22,32,39,47,50/03;3,9,10, 22/04	18588	37	22*,36/03;22,26,31/04	19007	17	21*,23,26/04	22084	4	35,37/03;15/04
18016	6	22,46/03;17,31,33/04	18589	15	44/03;22/04	19008	4	23,29,46/03;10,12,16,19, 23,26/04	22090	2	33/04
18017	12	34/03	18600	14	44,47/03;5,16/04	19009	4	23,29,46/03;10,12,16,19, 23,26/04	22101	19	37/03
18018	9	22/03;27/04	18601	13	1/04	19010	18	18*,23,24,26/04	22102	19	25/04
18019	15	22/03	18602	12	26*,47/03;1,14/04	19013	17	18*,22,23,24,26/04	22103	2	25/04
18020	1	22,47,49,50/03	18603	16	5,16/04	19016	10	3*,19/04	22111	4	33/04
18021	46	50/03*;8,9,17,22,27/04	18620	23	4,7,24,27/04	19019	9	28/03*	22112	3	37/03;5,10,25,33/04
18022	34	12*,13,17,22,27,28,31/04	18622	53	30/04*	19020	16	23/03;6,8,12,22/04	22113	8	5,10,25,33/04
18023	11	12*,13,17,22,27,28,31/04	18623	11	4,7/04	19322	8	14/04*	22114	5	33,37/03;5/04
18024	15	34/03	18626	15	32/04	19322	22	23/03;13/04	22117	3	37/03;5/04
18025	8	41/03	18640	24	26,38,42/03;4,33/04	19327	10	23,43/03	22120	3	29,32/03;7,32/04
18026	15	15/04	18643	17	26*,33,41,43/03;19, 33/04	19329	8	10/04*	22121	9	29,32,47,51/03;18/04
18027	9	3/04	18645	24	33,38/03;5,33/04	19330	10	14/04*	22124	2	29,32/03
18028	8	22,32,39,47,50/03;3,9,10, 22/04	18649	63	48*,50/03;2,5,11,16,19, 20,21,25,31,33/04	19331	7	23,43/03	22125	1	32/04
18029	6	22,46/03;17,31,33/04	18650	52	47/03*;11,19,20,21/04	19339	1	N30,N47/03;N8,N10, N23,N24,N26/04	22130	2	29,32,38/03;2,7,32/04
18030	11	46/03;1,9/04	18651	42	48/03;16/04	19340	26	29,30,36,47/03;8,10,13, 23,24,26/04	22138	3	11/04*
18031	1	46/03;1,9/04	18652	32	36*,40,43,46,48,49/03;5, 11,16,19,20,25,26,29, 33/04	19342	10	15*,19/04	22140	2	25,47/03;7,32/04
18032	25	45/03	18653	9	21,43,50/03;16,20,25, 33/04	19347	17	29/03;23/04	22142	2	25,40,47/03;7,32/04
18033	22	18/04*	18654	43	22*,33/04	19348	8	15/04*	22143	4	26*,29/03;11,25/04
18034	8	5*,17,27/04	18655	58	33/04	19351	9	23/04	22145	2	N25/03
18035	6	1,22/04	18656	53	21,33,40,43,48/03;11,26, 29,33/04	19352	12	27/03;6/04	22160	2	25/03;7/04
18036	5	22/04	18657	18	21,40,30,26/04	19355	22	30,36,47,50/03;10,13/04	22170	3	25,33/04
18037	5	22,32,36/03;9,17,22/04	18658	30	17*,26/04	19357	22	30,36,47,50/03;10,13/04	22172	8	29/03;11/04
18038	5	2*,13,17/04	18659	14	21,43,48/03;29/04	19359	11	8/04*	22173	36	29/03;11,17,21,33/04
18039	27	3*,8,21,22,28,30/04	18660	2	29*,43,49/03;21,26, 29/04	19361	8	5/04*	22180	2	32/03
18040	43	39*,45,47,51/03;6,8,17, 22,28,31/04	18661	27	43,49/03;13,17,21,26, 29/04	19362	12	10,13,14/04	22181	17	10*,17/04
18041	16	16*,31/04	18662	20	43,44/03	19366	36	50/03;10,13,14/04	22182	7	10*,11/04
18042	15	34/03;1,31/04	18663	5	43/03;17/04	19367	37	50/03;30/04	22183	4	52/03*;21/04
18043	30	13*,21,22,28,30/04	18666	1	21,33,48/03	19368	15	8*,12,16,22/04	22190	2	29/03
18044	16	47*,51/03;8,22,28/04	18680	30	33,35,38,40/03;19,31, 33/04	19380	15	8*,12,16,22/04	22221	20	31,34/03;1/04
18045	27	28/04*	18681	27	43,49/03;13,17,21,26, 29/04	19381	8	26/03;7,12,16,22,29/04	22222	1	31/03;1/04
18046	33	1*,8,13,17,21,22,28, 30/04	18682	14	10/04*	19382	15	26/03	22225	2	4/04
18047	18	18*,22/04	18685	32	36*,46/03;17,19,22, 33/04	19383	17	23/04	22251	11	28/03
18048	16	34,38/03	18700	22	40/03*;13,21/04	19385	8	3*,16/04	22252	18	2,21/04
18049	24	25,36,38,42/03;6,22/04	18703	25	40/03*;7,13/04	19387	9	N46/03;N12,N23/04	22259	4	24/03;2/04
18050	4	N28/04	18704	13	30/04*	19388	2	N46/03	22262	3	13/04
18051	2	N34,N38/03	18720	31	25/03;11,21,23,24,25, 29/04	19441	7	28/03*	22263	1	26,37/03;4/04
18052	19	21,30/04	18721	11	39/03;21/04	19442	5	26/03	22264	2	24,26,37,41/03
18053	15	28,34,38/03;13/04	18724	1	22*,25/03;15,23,32/04	19480	7	6/04	22275	3	26/03;2/04
18054	5	N28,N34,N38/03;N13/04	18725	27	32/03*;19,21,23,24,25, 32/04	19482	9	6/04	22281	9	4,13/04
18055	11	43/03;3,17,30,31/04	18728	8	29/04	21005	5	15/04	22282	17	4,14/04
18056	23	24*,30/03	18730	1	N29/04	21008	62	36/03	22283	3	N14/04**
18057	36	18*,27,28,31,33/04	18740	40	46*,49/03;1,5,7,14,19,22, 23,24,25,26,28,29,31/04	21033	46	1/04	22284	7	N5/04**
18058	9	36/03*;8,28/04	18744	31	29*,32/04	21036	7	1/04	22285	1	14/04*
18059	7	34,38,45,47,51/03;6,8,22,	18746	35	11*,19,25/04	21125	13	36/03	22286	1	5*,13/04
18060	8	28/04	18747	18	N27,N38/03;N1,N7,N14, N19,N22,N25,N26, N31/04	21140	1	27,36/03;7,19,22/04	22290	4	30/03
18061	5	15/04	18749	38	21,26,28,31,39,41,49, 50/03;5,7,22,31/04	21160	1	15/04	22293	15	26,37,38/03;21/04
18062	5	15/04	18750	42	21,26,28,31,39,46,49, 50/03;5,7,19,22,31/04	21180	1	15/04	22294	15	16,21/04
18063	17	39*,43/03;23/04	18754	17	39*,43/03;23/04	21252	19	38/03	22305	2	24,30,34/03;27/04
18064	8	14/04*	18756	8	14/04*	21253	19	38/03	22311	19	13/04
18065	10	41/03;5/04	18757	10	41/03;5/04	21254	13	9/04	22312	2	30/03;9/04
18066	34	30*,31/04	18758	6	33,49/03;4,11,13,23/04	21254	20	24/04	22313	2	38,40/03;13/04
18067	31	29*,31/04	18760	6	N25,N35,N36,N44/03; N1,N7,N11,N19,N21, N22,N24,N25,N26, N29/04	21254	3	24/04	22314	1	40/03
18068	35	11*,19,25/04	18761	2	N1,N16,N28/04	21254	40	52/03	22322	11	33/03**
18069	8	14/04*	18762	1	21,26,28,31,39,41,49, 50/03;5,7,22,31/04	21254	5	41/03	22331	2	N24/03;N1,N2,N27/04
18070	10	41/03;5/04	18763	17	39*,43/03;23/04	21254	6	52/03;27/04	22335	4	52/03;27/04
18071	18	14/04*	18764	21	29/03	21254	7	14/04*	22341	9	21,29,52/03;2,27/04
18072	1	29/03	18765	12	21,26,28,31,39,41,49, 50/03;5,7,22,31/04	21254	8	14/04*	22342	9	21,29/03
18073	21	29/03	18766	6	N25,N35,N36,N44/03; N1,N7,N11,N19,N21, N22,N24,N25,N26, N29/04	21254	9	14/04*	22343	1	N21,N41,N52/03;N2, N27/04
18074	15	30/03	18767	31	29/03	21254	10	14/04*	22344	6	N23*,N52/03
18075	17	39*,43/03;23/04	18768	17	39*,43/03;23/04	21254	11	24/03	22345	11	24/03
18076	8	14/04*	18769	12	21,26,28,31,39,41,49, 50/03;5,7,22,31/04	21254	12	14/0			

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 21/03 THROUGH NM 33/04

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.
22373	1	N24,N30,N32,N33, N34/03:N3,N27/04	24171	19	37,52/03;16,22,26,33/04	25608	22	33/04*	29002	9	29/03
22375		N26,N37/03	24172	4	22/04	25609	5	1/04	29012	8	7/04
22377	1	N2,N4/04	24180	15	40/03	25610	8	2/04	29015	5	7/04
22379	1	N30,N32/03	24200	14	9,13/04	25611	22	1/04	29040	3	39,48/03;7,14/04
22395	2	22,26,30/03	24201	5	49/03;9/04	25613	3	20*,25/04	29101	6	7,8,13/04
22401	4	N23*,N30/03	24202	6	31,35,46/03;21/04	25640	41	22/04*	29105	5	49,50/03;8,11/04
22407	1	N30/03	24203	36	49/03	25641	27	15/04*	29107	2	29,36/03;21/04
22408	1	N21/03	24210	14	42/03;29/04	25645	17	15/04	29121	5	8,12,13/04
22409	4	N22/03	24215	1	29/04	25647	10	16/04	29124	1	21/04
22410	32	23,40/03	24220	14	39/03;29/04	25649	19	44/03*	29127	4	29,39,42/03;21/04
22412	2	2,4/04	24221	16	29/04	25650	34	25/04*	29141	3	29,39/03
22413		N22/03	24222	3	39/03	25653	13	14,21,29/04	35001		N28/04*
22415	8	2,4/04	24223	33	39/03;33/04	25654	13	14,21,29/04	35002		N19/04*
22417	1	N25,03;N1/04	24224	1	15/04*	25655	11	14,21,29/04	35003		N19/04*
22420	2	30,40/03	24225	20	52/03;9/04	25663	27	30,39/03;29/04	35004		N19/04*
22421	4	N23,N25,N26,N27/03; N4/04	24226	15	9,22,33/04	25664	15	30,39/03;29/04	35005		N23*,N30/04
22423	3	N25,N27/03	24227	3	35/03	25666	17	11/04	35006		N24/04*
22424		N27/03	24228	5	39,46,52/03	25668	18	34/03	35008	21	25,27/03;23/04
22427	1	N23,N25,N26,N40/03; N9/04	24229	23	39/03	25670	42	2*,14/04	35009	19	28/04**
22429		N27/03	24230	5	39/03;13,22/04	25671	18	21/03*,21/04	35010		N28/04*
22430	6	22/04	24231	5	39/03	25673	15	43/03	35011	2	25/03;31/04
22433	3	35/03;22/04	24232	5	39/03	25677	20	32*,39,52/03	35013		N23/04*
22434	2	35/03	24233	3	29/03	25679	10	11,15,31/04	35014		N23/04*
22437	2	22/04	24234	14	29/03	25681	16	28*,34,39/03;15,32/04	35016	17	31/04
22461	1	21/04	24235	2	25,37/03	25683	18	32*,34,39,52/03	35025		N23/04*
22471	31	2,6,8,22,27/04	24236	1	25/03	25685	9	22*,52/03	35027		N24/04*
22481	35	2/04	24237	2	29/03	25687	12	30/03*	35028		N28/04*
22482	16	23/03;9/04	24238	4	22/04	25848	25	11/04	35032	16	12/04
22492	3	34/03	24239	1	38/03	26050	1	26,47/03	35034		N31/04*
22521	3	34/03;33/04	24240	1	48/03;1/04	26060	1	42/03	35035		N28*,N29/04
22523	3	34/03;33/04	24241	2	48/03;1/04	26068	11	50/03	35036	21	27,43/03;12,13/04
22529	3	35/03	24242	14	28/04	26081	8	42,43/03;16/04	35037		N31/04*
22531	2	35/03	24243	8	11,24/04	26083	14	19/04	35038		N32/04*
23000	5	51/03	24244	5	31,52/03;24/04	26100	4	31/03	35039		N32/04*
23010	4	24/04	24245	14	31,52/03	26122	30	22/03*,30/04	35040	18	24/04**
23020	4	22/03	24246	3	52/03	26125	3	41/03	35041	8	23/04**
23030	6	21,22,37,42/03;14/04	24247	4	52/03	26127	21	11/04	35042	9	24/04**
23071	3	24,29/04	24248	2	23/04	26129	11	41/03	35043	5	28/04**
23121	7	19/04	24249	3	26,47/03;6,30/04	26147	31	19/04	35046		N32/04*
23123	3	19/04	24250	5	26/03	26186	17	14/04	35047	5	31/04**
23124	3	N19/04	24251	5	26/03	26188	11	15/04	35048		N32/04*
23125	4	19/04	24252	4	29,32,47/03;30/04	26218	2	31/03	35049		N33/04*
23131	7	22/03;30/04	24253	4	38,47/03;30/04	26219	5	31/03	35050		N28/04*
23141	7	22,37/03	24254	5	29/03	26220	6	11/04	35051		N33/04*
23142	10	37,47/03	24255	6	25,26,38/03;13/04	26229	11	31/03;9,32/04	35052		N33/04*
23145	3	37,51/03;14/04	24256	6	38/03	26230	12	31/03;9,32/04	35053		N33/04*
23153	8	49/03	24257	4	13/04	26282	6	22,23,34/03	35054		N33/04*
23159	2	25/04	24258	1	24,27,42,48/03;21/04	26290	1	21/03**	35055		N23/04*
24004	36	41,42,46/03;33/04	24259	2	31/03	26295	1	21*,22,34/03	35060	14	28/04**
24016	53	13/04	24260	3	31/03	26300	7	21/03*	35080	16	23/04**
24024	46	25/03	24261	3	25,27/03	26308	5	21*,22,23,34/03	35081	15	28/04**
24028	6	28/04	24262	20	32/04	26309	27	11/04*	35082	7	31/04**
24050	11	31,32,33,51,52/03;6, 14/04	24263	1	7/04*	26310	1	N48/03*	35083	8	32/04**
24052	15	21,30,42,44,50/03;33/04	24264	3	27/03	26312	2	21/03	35084	15	32/04**
24055	6	21,42,50,51,52/03;6, 26/04	24265	6	27,34,47/03	26316	3	21/03	35085	3	32/04**
24057	4	30,33,42,52/03;4,6,26/04	24266	3	22/03*,24/04	26320	5	22,23,25,31,40/03;19/04	35086	5	32/04**
24058	2	22,28,29,30,42,44/03;7,9, 33/04	24267	2	25,34,42/03;12,21,30/04	27005	4	22,23,34/03;19/04	35087	3	33/04**
24060	2	32/03	24268	2	24,42,48/03	27006	21	41,42/03;10/04	35088	2	28/04**
24091	6	21,46/03;22/04	24269	3	24,25,38,42/03;24/04	27061	5	28/04	35099	3	33/04**
24092	14	22/04	24270	18	38,42/03;24/04	27080	4	22,39,52/03	35100	14	23/04**
24100	5	46/03	24271	2	25,40,42/03	27081	6	19/04	35101	6	33/04**
24103	3	10/04	25001	7	52/03	27108	2	35/03	35103	5	33/04**
24110	3	35/03	25017	5	25,31,34,39,52/03;15/04	27206	18	9,25/04	35120	13	23/04**
24130	14	33/04	25018	9	25,31,34,39,52/03	27083	39	28/03;4,24/04	35130	3	24/04
24133	6	31/03	25040	2	20/04*	27100	2	21/03	35136	2	24/04
24140	18	41,42,46/03;6,7,11,22/04	25480	1	52/03;8/04	27102	11	28/03	35155	3	25/03
24142	43	7,11/04	25481	25	8,26/04	27120	4	16,30/04	35200	7	28/04**
24149	1	52/03	25483	20	8,33/04	27122	5	19/04	35205	3	31/04
24150	27	41,47/03;6,7/04	25485	45	36/03;10,30/04	27160	2	35/03	35210	3	31/04
24151	4	41/03;6,7/04	25487	2	36/03;10,30/04	27082	6	19/04	35210	13	23/04**
24152	2	41,47/03;6/04	25524	43	24,26,32/03;23/04	27083	4	16,33/04	35350	2	23/04
24153	6	39,47/03;6/04	25525	17	26/03;23/04	28004	1	22/03;27/04	35363	1	12/04
24154	12	33/04	25526	2	24,32/03;23/04	28006	1	27/04	35365	1	12,23/04
24155	6	46,49/03	25527	31	24,32/03	28050	3	26,42,47/03	35380	8	12/04
24160	21	47/03;10,15,22,33/04	25550	2	21/03	28154	2	38/03	35390	2	12/04
24161	11	28,32,39,40,47/03;10,26, 33/04	25563	50	21/03	28165	20	20/04*	35400	11	18/04
24162	9	28,32,39,40,47,52/03; 10,26/04	25566	27	30/03	28167	4	16,33/04	35420	13	12,18/04
24164	6	39,41,47/03	25567	16	21/03	28168	22	16,33/04	35424	3	18/04
24170	14	35/03;9,22/04	25607	4	48/03;31/04	28196	4	16,30/04	36005	2	24,25,27,31,43,44/03;13, 23,26,27,31/04
						28197	4	16,30/04	36010	27	23,43/03
						28221	18	16/04	36015	2	27,44/03;13,26/04
						28260	30	16/04	36040	16	6/04
						28263	3	16/04	36060	17	21/03;2,17/04
						28300	1	16/04	36120	9	23,27/03;17/04
						28302	16	7/04	36125	7	30/03
						28310	2	7/04	36140	12	27/03;13/04

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 21/03 THROUGH NM 33/04

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.
36143	4	30,43/03	37222	13	21,22,30,46,52/03;16, 32/04	38641	4	3,13/04	43201	2	N21,N22/04
36161	10	21/04	37223	14	21,26,27,30,32,34,35,39, 43/03;7,11,16,21,24/04	38650	1	3,12,13/04	43202	3	22/04
36165	6	27,30,43/03;21/04	37224	11	22,23,30,37/03;16/04	38670	2	1,13/04	43203	3	22/04
36180	23	27,44/03;13/04	37226	17	21,23,51/03;32/04	38682	3	13/04	43204	4	36/03
36181	18	13/04	37228	14	23,27,29,30/03	38683	3	13/04	43206	3	14/04
36182	6	27/03;13/04	37230	14	28/03	38690	2	13/04	43240	4	12/04
37000	22	23,43/03	37231	18	50,52/03;8,19,21/04	41060	3	52/03	43244	4	12/04
37005	16	23,28,29,30,50,51/03;5, 8/04	37232	12	29,31/03	41100	2	N46,N52/03	43245	4	12/04
37010	23	23,27,28,29,30,43,50, 51/03;5,8,12,15,32/04	37233	13	31/03	42003		N23/03**	43247	5	44/03
37025	26	24,25,27,31,33,34,36,38, 41,43/03;3,4,10,11,15, 26/04	37235	11	5/04	42004	1	N23/03*N13,N16/04	43248	3	44,46,47/03;14,25,28/04
37030		N28/04*	37238	6	21,30,33,37,40,41,45/03; 7,25/30/04	42036	2	43/03	43249	2	10/04
37032	2	25,31,38,42,43,45/03;3,4, 9,15/04	37241	17	26,27,30,32,33,35,37,39, 43,45/03;7,29/04	42038	2	43/03;16/04	43252	1	44,46/03;14,25,28/04
37033	2	33/03;15,17/04	37242	10	20,30,32,35,39,43/03; 11/04	42040	3	16/04	43260	4	46,47/03;10/04
37034	2	33,41/03;10,15,P18, 22/04	37243	7	27,30,32,37/03;24/04	42046	3	16/04	43261	5	46/03;25,26,27,28/04
37043	17	43,46/03;12/04	37244	11	23,26,27,28,30,32,33,35, 37,39,43,45,46/03;7,20,	42052	2	16/04	43262	5	46/03;24,25,26,27/04
37046	18	43,46/03;12/04	37244		24,25,29,31/04	42141	3	6,12/04	43263	7	37,44,46/03;1,21,23, 26/04
37050	9	12,26,31,32/04	37246	14	21,24,27,30,32,33,35,39, 40,43,45,46/03;1,11,22,	42160	3	38/03;12/04	43264	2	46/03;24,25,26,27/04
37060	3	43,46/03;12/04	37246		24,25,29,31/04	42200	5	31,38,40/03	43265	2	37,46,47/03;23/04
37063	21	43/03	37248	18	21,23,24,26,27,30,32,35, 40,41,43,45/03;7,12,20,	42260	5	30,40/03	43266	1	47/03;10/04
37075	3	43/03;12/04	37248		22,25,29,31/04	42260	5	38/03	43280	5	37,40,47/03
37080	3	21,22/03;12,23,26,27,31, 32,33/04	37258	4	22/03;27,32,33/04	42260	6	38,40/03	43281	6	27,37,44,46,47/03;1,21, 23/04
37081	23	32,33/04	37261	10	22/03;27,32,33/04	42283	6	27,37,40,43,47/03;1, 20/04			
37082	9	24,33/04	37262	20	27,32,33/04	42560	5	31,38,40/03	43284	4	40,43/03;1,20,21/04
37090	8	22/03;12,23,26,27,29, 32/04	37264	3	22/03;33/04	42580	5	40/03	43285	5	44,49,51/03
37095	3	22,32,39/03;27,29/04	37265	3	32/03	42742	3	30/03;11,13/04	43287	2	27,37/03;1/04
37103	9	12,26/04	37281	15	22/03;29,33/04	42760	5	24,25,47,52/03;2,11, 13/04	43300	5	49,51/03;10,23/04
37106	4	32/03;26/04	37320	16	21,24,36,38,44/03;7,12, 21,26,27,31,32/04	42762	3	N25,N30,N47,N52/03; N11,N13,N20/04	43301	4	49/03;23,30/04
37110	11	25,31,32,39/03;12,26, 32/04	37326	2	21,36/03	43000	4	16/04	43302	4	10,14,15/04
37111	1	27/04	37328	2	21,24/03;26,33/04	43000	4	43/03;14,21/04	43303	4	43/03;14,21/04
37115	2	25,31,32,39/03;12,26, 32/04	37330	2	27,31,32,33/04	43030	24	22,27,28,30,32,46,48/03; 1,3,6,8,9,14,15,16,17,19, 20,23,28,29,30/04	43304	2	43/03;10,14,15/04
37120	2	21,23,24,25,26,27,30,32, 39,42,43,44,45/03;12,20, 24,25,26,27,31,32/04	37342	3	21,45/03;12/04	43040	6	38,47/03;2,16/04	43321	6	15,16,17,21,23/04
37121	11	25/03;12,26,27,32,33/04	37344	11	21,38,45/03;13/04	43041	2	16/04	43323	4	27,49/03;15,17,21,23/04
37122	12	31,44,45/03;12/04	37360	15	21,24,31,36,38,39,43,44, 45/03;9,11,12,13/04	43058	3	16/04	43324	4	27,49/03;15,21/04
37123	9	27/04	37362	6	22,32,33,38,39/03;12, 14/04	43081	4	16/04	43340	13	49/03;15,22/04
37125	15	27,32,33/04	37363	8	32/03	43082	5	47/03;20,21,30/04	43341	7	49/03;22/04
37127	11	27/04	37380	2	21,38,39,41,43/03;7,11, 12,13,19,21,23/04	43083	4	16,20,22,23/04	43342	7	26,49/03
37129	6	23,24,30,42,45/03;7,20, 26,27,31,32/04	37400	10	31,34,36,41,43,46,47/03; 1,7,9,11,19,21,23/04	43084	3	16,23/04	43344	3	39/03
37133	4	28/04**	37401	9	22,31,36,43,44,47/03; 1/04	43100	4	22,29/04	43356	2	14/04
37134	5	45/03	37402	7	1/04	43102	4	29/04	43360	21	21,28,30,32,43,52/03;5,7, 11,14,16,17,20,26,28, 30/04
37136	6	30/03	37403	23	41/03	43106	6	44/03;7,10/04	43362	5	44/03
37137	6	30/03	37420	1	41/03;9/04	43107	1	7/04	43363	5	17/04
37140	33	24,25,30,32,42,43,44, 45/03;12,24,25,26,27, 32/04	37421	8	21,41/03	43120	4	5,7/04	43366	5	43,48/03;14,17/04
37141	29	24,27,31,45/03;23/04	37423	5	21,41/03	43122	3	7/04	43369	6	43,48,50/03;14,17,24, 26/04
37147	15	25/03;12/04	37443	2	38,45/03;7/04	43123	3	7/04	43370	7	47/03;12,14,23,24/04
37148	13	27,51/03;12/04	37445	1	34,38/03;28/04	43124	5	3,5,7,10/04	43371	13	38,43/03;10,12,14,23, 24/04
37150	8	26,27,32,33,35,37,39,41, 43,46/03;7,12,25/04	37446	2	34/03;28/04	43125	7	44/03;7,10/04	43372	4	10,12,14/04
37161	14	24,41,43,46/03	37461	9	25,36,50/03;3,15,25,26, 33/04	43126	4	5,7,20,25/04	43373	8	40,42,49,50,52/03;8,9,14, 23,24,25,26/04
37162	12	21,26,27,30,32,33,35,37, 39,40,41,43,45,46/03;7, 29/04	37463	6	43/03;1,2,3,4/04	43127	5	1,3/04	43374	1	43/03;10,14,17/04
37163	19	32,43/03;11,12,22,25, 31/04	37481	7	30/03;17,20,21,25/04	43140	4	43,38/03;1,5,25,30/04	43375	7	23,42,44,50,51/03;5,11, 20,21,22,23/04
37164	4	23,26,27,30,32,35,37,43, 46/03;7,22,24/04	37501	3	33/03;32/04	43141	5	5/04	43376	5	14/04
37165	2	21,23,26,27,28,30,32,34, 35,37,39,43,45,50,52/03; 1,5,7,8,11,15/04	37505	2	33,41/03;15/04	43144	4	43/03;20,21,22,25,30/04	43377	2	47/03;14/04
37166	2	21,26,27,30,32,33,34,35, 37,39,40,41,43,45,46, 51/03;7,11,12,21,25/04	37506	4	33,48/03;11,26,32/04	43145	4	20,25,30/04	43378	2	38/03;14/04
37170	11	46/03	38100	4	33/04	43146	2	34,35/03;20,21,22,25,30/04	43379	1	24/04
37175	2	27,30,45,46,51/03	38105	3	35/03	43146	2	34,35,44/03	43382	2	48/03;14/04
37180	20	27,31,35,49/03;12/04	38461	7	32/04	43147	3	35,38/03	43384	1	23,25,26,27,32,44/03;2,5, 9,11,21,22,23,29,30/04
37182	14	24,27/03	38463	2	N32/04	43161	2	35,41/03	43385	1	23,24,26,42,46,49,51/03; 8,11,12,19,21,22,33/04
37183	9	24/03	38480	6	48/03;32/04	43162	3	41/03	43386	2	47/03;24/04
37200	15	28,30,35/03;15,23/04	38482	N32,N33/04	43163	3	41/03	44000	16	44/03;19/04	
37202	2	22,27/03	38483	N32/04	43164	3	34/03;20,21,22,30/04	44001	2	23,26,50/03;8,9,11,18, 19/04	
37205	2	22,24,30,40/03;15/04	38500	6	32/04	43165	2	21,22,23/04	44015	8	24,26,40,44,47,50/03;1,8, 9,11,18,19,20,22,27/04
37221	13	21,23,29,30,32,50,51, 52/03;5,8,11,16,18,19/04	38501	2	32/04	43166	2	43/03;23/04	44030	7	48,50/03;13,20/04
37222	13		38546	2	32/04	43167	5	36,42,44/03;20,21/04	44036	5	23,28,30,32,52/03;5,16, 28,30/04
37225	7		38560	5	32/04	43168	2	36,42/03	44037	5	22,52/03;27/04
37226	2		38565	N32/04	43180	5	44/03;22/04	44038	5	46/03;18/04	
37227	2		38588	7	30/04	43181	3	43/03	44040	23	22,23,24,28,30,32,44, 52/03;1,5,6,16,19,28,29, 30/04
37228	2		38607	2	1,14/04	43182	4	22,30/04	44041	7	23,28,52/03;3,8,9,13,20, 26,27,28/04
37229	13		38610	1	1,13/04	43200	3	22/04			

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 21/03 THROUGH NM 33/04

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.
44042	7	25,27,28,29,32/03;9,12,13,15,20,22,25,26,27,28/04	44203	1	25,52/03;2,8,12,15,22,29/04	51104	1	17,23/04	52186	3	33/04
44043	8	52/03;9,16,26,27,28/04	44204	1	27,50/03;9,20/04	51109	5	5,12/04	52220	7	27/03
44044	6	64/03;9,16,24,25,27/04	44205	2	22,26,27,29,31,39,43/03;11,20,22,23,27/04	51120	6	4/04	52221	7	27/03
44045	6	22,44/03;5,16/04	44206	1	24,28,40,46/03;6,11,22,30/04	51135	1	22,46/03;4,5,25,27/04	52223	4	27/03
44046	10	22,24/03;1,6,19,27,29/04	44207	1	23,28,40,41,45,46,50/03;9,21,22,23,30/04	51142	2	22,33,40,45/03;9,29/04	52240	9	27/03;20,33/04
44047	22	22,24,30,31,32,40,48/03;16,29,30/04	44208	5	21,40,45,46,48/03;3,11,20,23/04	51143	4	40,45/03;9,29/04	52243	11	20/04
44048	11	22,25,27,31,40,48/03;9,13,16,21/04	44220	5	21,40,45,46,48/03;3,11,20,23/04	51144	3	46/03;9/04	52262	6	4/04
44049	9	22,24,30,31,40,48,50/03;1,2,9,12,18,26,29,30,33/04	44221	1	21,52/03;3,11/04	51145	2	22/03	52263	5	4/04
44050	21	31,32/03;12,28,30/04	44223	1	21,24,48/03;11,12,15,23/04	51150	3	36/03	53011	2	7,10/04
44051	1	22,25,26,27/03;1,2,9,25,26,33/04	44224	1	21,24,42/03;3,19/04	51154	3	6,9,29/04	53031	1	24,31,49/03;6,7/04
44052	5	29,30/03	44225	1	21,22,24,26,31/04	51155	1	22/03;12,29/04	53058	2	37/03
44053	21	24,32/03;1,6,17/04	44226	7	21,48,52/03;5,13,16,17,32/04	51158	2	33/04	53060	14	31,36,39,44/03;6,11,22,26,32/04
44054	8	28,40/03;1,17/04	44227	8	21,25,39/03;3,20/04	51160	20	21,22,45/03;12,14,28/04	53061	10	38,44/03;15,17,21/04
44055	8	1/04	44228	2	22,34,44,47,50/03;11,32/04	51163	4	43/03;12,19/04	53062	13	15,17,19,21,22,26,33/04
44056	19	22,28/03;1,6,15,27/04	44229	2	21,22,27,45,49,50/03;11,12,19/04	51164	18	43/03;5,14,27,28/04	53063	9	33*,37/03;21/04
44057	7	6,19/04	44230	7	21,48,52/03;5,13,16,17,32/04	51165	8	39/03;5,8,27/04	53064	6	39/03;11/04
44058	10	31/03;6/04	44231	1	21,26/03;14,20/04	51166	3	N39/03	53065	2	39/03;11/04
44059	22	28/03;6,9,14,15,21,29/04	44232	2	21,43,45,49,50/03;13/04	51167	6	5,8,14,27/04	53066	2	39/03;11/04
44060	11	40,51/03;9,27,32/04	44233	1	20,44,47/03;11,21/04	51168	2	45/03;14,28/04	53081	8	27,30/04
44061	16	22,23,40/03;9,14,15,21,29,30,32/04	44234	2	27,40,47/03;11/04	51169	10	28/04	53082	13	7,21,22/04
44062	7	6,19/04	44235	1	21,26/03;19,29,33/04	51170	8	43,45,46/03	53083	8	21,22,41/03;21,30/04
44063	10	31/03;6/04	44236	2	22,23,26,33/04	51171	2	24/04	53084	6	30/04
44064	22	28/03;6,9,14,15,21,29/04	44237	4	22,25,37,49,50,51/03;2,32/04	51172	3	43,46/03	53086	8	11,31/04
44065	1	40/03	44238	1	20,44,47/03;11,21/04	51173	4	28,43,44,52/03	53089	4	21,22,23,41/03;9/04
44066	3	22,28,30,32/03;14,26/04	44239	4	27,40,47/03;11/04	51174	5	42/03;21,29,30/04	53090	1	50/03
44067	9	46,48/03;9,14,15,16,23,27,32/04	44240	6	44,45/03;19,20,21,22,23,26,31/04	51175	11	20/03	53093	2	41/03;8,31/04
44068	11	33/03;17,21/04	44241	6	26,33,37,49,50,52/03;2,6,7,11,12,18,19,21,23,26/04	51176	23	40,46/03;12,30,32/04	53100	16	21,24,31/03;11,13,31/04
44069	2	26/03/30/04	44242	1	26,37,39,40/03;11,19,20,22,23,26,33/04	51177	23	32/04	53101	7	24/03
44070	4	29/03;21/04	44243	1	21,26/03;19,29,33/04	51178	23	34/03;15/04	53104	2	24/03
44071	4	40/03	44244	2	26,27,28/03;2,19/04	51179	3	5/04	53106	6	21,33/03
44072	4	23,40/03	44245	4	24,45/03;12,11,21/04	51180	3	21/04	53111	3	11/04
44073	3	22,28,30,32/03;14,26/04	44246	4	25,26,37,49,50,51/03;2,3,12,19,20/04	51181	2	44/03;26,33/04	53120	14	31,35/03;11,13/04
44074	9	27,32/04	44247	6	27,40,47/03;11/04	51182	5	42/03;21,29,30/04	53123	3	29/03
44075	11	33/03;17,21/04	44248	6	44,45/03;19,20,21,22,23,26,31/04	51183	5	43*,45/03	53133	4	33*,45/03
44076	8	24,25,26/03;33/04	44249	11	26,33,37,49,50,52/03;2,6,7,11,12,18,19,21,23,26/04	51184	3	35/03;12/04	53147	3	35/03
44077	1	26/03/30/04	44250	1	26,37,39,40/03;11,19,20,22,23,26,33/04	51185	4	42/03	53149	2	11/04
44078	2	51/03	44251	1	26,37,39,40/03;11,19,20,22,23,26,33/04	51186	3	22,45/03	53166	1	6/04
44079	7	22,31,40,41,46,48,49,50/03;1,3,6,9,14,15,16,17,23,27,30,32/04	44252	7	26,52/03;18,19,20,26,28,29/04	51187	5	43/03;12,19/04	53180	10	21,29/03;11/04
44080	9	46,48/03;9,14,15,16,23,27,32/04	44253	6	44,45/03;19,20,21,22,23,26,31/04	51188	10	50/03	53181	4	21/03
44081	11	33/03;17,21/04	44254	6	44,45/03;19,20,21,22,23,26,31/04	51189	10	50/03	53200	6	30/03;4,11,12/04
44082	11	24,25,26/03;33/04	44255	11	26,33,37,49,50,52/03;2,6,7,11,12,18,19,21,23,26/04	51190	12	39/03;23/04	53201	6	21,38/03
44083	1	26/03/30/04	44256	9	27,28,30,31,32,37,39,44,50/03;2,3,11,22,23,25/04	51191	10	39/03	53204	10	1/04
44084	2	26/03/30/04	44257	9	27,28,30,31,32,37,39,44,50/03;2,3,11,22,23,25/04	51192	9	20,24/04	53205	3	26/03;28/04
44085	2	51/03	44258	4	27,25,27,37,49,50,51/03;2,3,11,22,23,25/04	51193	9	20,24/04	53206	6	25/03
44086	7	22,31,40,41,46,48,49,50/03;1,3,6,9,14,15,16,17,23,27,30,32/04	44259	6	44,45/03;19,20,21,22,23,26,31/04	51194	4	32,34,40/03	53220	6	4,10,12/04
44087	2	24,25,27,41,47,48,52/03;3,3,20,24/04	44260	1	26,37,39,40/03;11,19,20,22,23,26,33/04	51195	10	25,27,30/04	53226	3	35/03;12/04
44088	2	24,26,27,41,47,48,52/03;3,3,20,24/04	44261	1	26,37,39,40/03;11,19,20,22,23,26,33/04	51196	8	41,45/03	53262	8	1/04*
44089	7	24,27,41,47,48,49/03;2,5,13,19,22,23,25/04	44262	2	26,37,39,40/03;11,19,20,22,23,26,33/04	51197	17	34/03;13,20,27,28,30/04	53283	4	40/03;6/04
44090	7	26,31,41,47,48,49/03;2,5,13,19,22,23,25/04	44263	2	26,37,39,40/03;11,19,20,22,23,26,33/04	51198	17	34/03;13,20,27,28,30/04	53284	4	21,24/03
44091	7	26,31,42,43,47,52/03;4,11,13,15/04	44264	1	24,45/03;30/04	51199	6	22/03*	53287	6	22/03
44092	6	23,24,26,27,41,47,52/03;4,11,13,15/04	44265	6	21,26,27,28,33,41,49,50/03;5,13,19,20,22,23,26,33/04	51200	21	48,50,52/03;1,2,6/04	53301	4	22/03;21/04
44093	1	22,24,34,39,45,48/03;2,9,11,12,15,18,23,26,33/04	44266	6	22,25,27,40,44,49,50/03;5,8,9,11,22,23,24,25,26,27,28/04	51201	21	48,49,50/03;7,10,13,20,21,22,23,24,25,26,27,28/04	53306	2	31,43/03
44094	2	26,27,28/03;2,16,18/04	44267	2	24,45/03;30/04	51202	3	26/03;21,29,30/04	53311	3	37/03
44095	2	35,39,51,52/03;3,8,14,18,25,26/04	44268	2	24,45/03;30/04	51203	1	6/04	54040	3	11/04
44096	1	22,47/03;2,6,12,16,18,23,25,26/04	44269	2	24,45/03;30/04	51204	1	16/04	54041	7	24/03
44097	25	26,27,28/03;2,6,12,16,18,23,25,26/04	44270	2	24,45/03;30/04	51205	1	16/04	54060	5	6,12/04
44098	1	24,47/03;2,6,12,16,18,23,25,26/04	44271	2	24,45/03;30/04	51206	16	26,29,34/03;6,7,31/04	54061	11	42/03
44099	1	24,47/03;2,6,12,16,18,23,25,26/04	44272	2	24,45/03;30/04	51207	7	26,29,34/03;6,7,31/04	54082	12	10/04
44100	2	24,47/03;2,6,12,16,18,23,25,26/04	44273	2	24,45/03;30/04	51208	7	30/04	54083	4	10/04
44101	2	24,47/03;2,6,12,16,18,23,25,26/04	44274	2	24,45/03;30/04	51209	3	30/04	54085	2	24,42/03
44102	2	24,47/03;2,6,12,16,18,23,25,26/04	44275	2	24,45/03;30/04	51210	16	6,12,27/04	54090	3	6,12,27/04
44103	2	24,47/03;2,6,12,16,18,23,25,26/04	44276	2	24,45/03;30/04	51211	3	30,42/03	54095	3	30,42/03
44104	2	24,47/03;2,6,12,16,18,23,25,26/04	44277	2	24,45/03;30/04	51212	1	48/03	54105	3	50/03;10/04
44105	2	24,47/03;2,6,12,16,18,23,25,26/04	44278	2	24,45/03;30/04	51213	1	48/03	54115	3	30/03;10/04
44106	2	24,47/03;2,6,12,16,18,23,25,26/04	44279	2	24,45/03;30/04	51214	5	10/04	54120	5	10/04
44107	2	24,47/03;2,6,12,16,18,23,25,26/04	44280	2	24,45/03;30/04	51215	1	6/04	54125	3	30,47/03
44108	2	24,47/03;2,6,12,16,18,23,25,26/04	44281	2	24,45/03;30/04	51216	1	48/03	54131	2	50/03;12/04
441											

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 21/03 THROUGH NM 33/04

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.
54335	3	24/03	55127	2	24,27,32,36,51/03	61110	3	25/03	62521	4	N28,N32,N41/03;N8, N9/04
54337	3	21,31/04	55128	2	26,27,28,32,34,43,50/03; 2,6,9,11,13,20,30/04	61111	12	25,27,34/03	62530	6	28,32,52/03;9,17/04
54339	8	31,32/04	55129	7	27,34,35,42,45,46/03;6,9, 11,20,28,30/04	61112	10	35/03	62531	4	N28,N32,N52/03;N9, N17/04
54340	8	24/03	55130	2	32,33,34,39,42,46,50/03; 2,6,9,11,17,28/04	61113	3	9/04	62540	6	21,30,35,43,50/03;9,12, 15,18,23,26,31/04
54341	4	23/03	55131	1	25,38,39/03;6,9,15,17/04	61114	6	35/03;9,14/04	62541	3	N21,N30,N35,N43, N50/03;N9,N12,N15, N18,N23,N26,N31/04
54343	10	6,31,32,33/04	55132	3	34,36,38,46/03;6/04	61118	4	38/03	62550	3	28,32,52/03;5,9,10,17/04
54344	6	24/03	55133	4	52/03;6,9,15/04	61119	4	9/04	62560	4	5,8,9,17,27/04
54346	9	20*,31,32,33/04	55138	4	615/04	61204	5	22/04	62570	4	30,35,37,43,50/03;1,5,9, 11,12,15,18,23,26,31/04
54350	4	37/03	55139	5	29,33,34,35,36,42,45,46, 47,52/03;2,9,11,17,20, 28/04	61541	8	41/03	62572	1	50/03**;11/04
54351	7	26/03	55140	2	47,52/03;2,9,11,17,20, 28/04	61542	6	41,46/03	62580	3	35/03;9,26/04
54352	3	33,37/03;6/04	55150	2	36,48/03;3,14,31/04	61581	5	28/03	62584	2	7/04
54359	2	38/03;21/04	55160	2	29,41,42/03;3/04	61610	7	34/03	62590	2	21,23,30,37,43,50/03;1, 11,12,15,18,23,26,31/04
54360	12	21,34,50/03;6/04	55161	1	41,42/03;23/04	61611	11	34/03	62591	3	N21,N23,N30,N37,N43, N50/03;N1,N11,N12, N15,N18,N23,N26, N31/04
54361	10	38/03;21/04	55170	2	46/03;6,9,13,15,24/04	61612	4	34/03			
54363	3	21,50/03;2,6/04	55180	2	29,33,36,39,42,45,46,47, 52/03;2,9,11,20/04	62001	5	28,50/03;9/04			
54365	6	21/03	55190	2	27,39,40,51,52/03;2,3,6, 9,15,30/04	62024	13	29/03			
54368	4	50/03	55200	2	25,26,27,28,32,33,36,39, 42,45,46,47,50,52/03;4, 11,14,17,20,30/04	62028	15	13/04			
54369	4	21,34,50/03;2/04				62032	16	21,41/03;8/04			
54380	6	28,34/03;17,24/04				62033	3	N21,N41/03;N8/04			
54382	9	28,40/03;15,28/04				62070	4	26/04			
54387	7	30,39,42/03				62090	7	11/04			
54389	8	24/04				62092	7	27/04			
54400	8	22,30,36,37/03;13,14,19, 24,25,30/04				62095	3	32/03			
54403	4	24,30,36/03;19,30/04				62097	6	38/03*			
54407	4	30,37,49/03;13,14,24,25, 30/04				62098	7	33/03*			
54408	4	25/04				62100	6	P23,26/03;11/04			
54409	2	13/04				62110	9	P23,26/03;9/04			
54413	3	37/03				62120	6	26/04			
54416	5	33,37/03				62142	10	32/03			
54417	1	30/03*				62143	3	32/03			
54418	4	30,37,49/03;24,25,30/04				62177	3	12/04			
54421	6	36,41,43,46,49/03;20,32, 33/04				62188	3	50/03			
54422	4	46/03				62191	15	28/03;27/04			
54430	1	36,43/03;2,14,20,33/04				62194	8	24/04			
54440	4	38/03;13/04				62220	9	21/03**;26/04			
54441	6	22,30/04				62225	3	26/04			
54462	5	51/03;4/04				62230	2	50/03;9/04			
54463	5	1,27/04				62241	10	5/04			
54464	5	15/04				62248	3	30/03			
54480	8	21/03;7,13,22,29,30/04				62250	4	32/03			
54481	8	33,43/03;7,13,22/04				62270	4	29,32/03			
55001	4	28,29,33,35,36,39,43,44, 52/03;6,21/04				62271	5	13/04			
55040	4	21,35,36,39,41,42,50, 52/03;6,9,13,17,19,22,25, 32/04				62290	3	21,P23,26/03;11/04			
55041	7	21,43,49,50/03;2,5,13, 15/04				62295	3	21,P23,26/03			
55042	1	35,37/03;9,19,32/04				62310	2	29/03			
55043	2	37,52/03				62340	3	13/04			
55044	5	42,52/03;1,2,25/04				62350	3	29/03			
55045	2	39,52/03;3,9/04				62366	4	33/03**;9/04			
55046	4	35,36,41,46,50/03;6,8,9, 17,18,19,23,25/04				62391	5	33/03*			
55047	8	41,49,51/03;6,7,15,18,23, 25/04				62393	7	8/04			
55048	12	1,8,13,15,23,25/04				62394	10	8/04			
55060	7	28/03;17,21/04				62395	3	25/03*			
55061	1	28/03				62400	17	31/03;13/04			
55062	5	28,33/03;21/04				62401	9	41/03;8/04			
55063	1	44/03				62405	8	43/03			
55064	3	8,25/04				62406	2	28/03;9,13/04			
55082	9	25,32,44,46,50/03;20/04				62408	7	8/04			
55084	7	39/03;11,28/04				62411	1	10,13,17/04			
55085	9	31,33,36,39,46,50/03;9, 17,20,30/04				62412	12	52/03			
55100	8	28,29,33,34,39,43,44/03; 6,21/04				62413	12	28*,50,52/03;10/04			
55101	4	25,32,34,38,39,42,43,46, 50/03;2,4,6,9,11,13,17, 28/04				62417	1	10,13/04			
55102	3	25,32,36,43,46,50,52/03; 2,6,13,17/04				62420	5	52/03;10/04			
55103	2	25,26,27,31,35,36,38,42, 43,45,46,50,52/03;2,6,13, 15,28,30/04				62432	17	50/03**;11/04			
55104	2	31,33,36,45,46,52/03;2,6, 13,28/04				62434	9	21,23,43,50/03;1,4,5,11, 12,15,23,31/04			
55105	7	29,33,36,42,43,48,52/03; 3,9/04				62437	10	30*,33,37/03;5,15/04			
55110	2	29,43,44,51/03;3,14,15, 21,25,28,31/04				62440	8	41/03;8/04			
55111	2	29,43,44,51/03;3,14,15, 21,25,28,31/04				62442	6	24/03			
55120	2	28,33,34,42/03;2,17,21, 28/04				62446	3	43/03			
						62449	4	8/04			
						62451	7	5,9/04			
						62453	4	50,52/03;10/04			
						62459	2	41/03			
						62460	4	9/04			
						62480	2	32,41/03;8,9/04			
						62490	2	23,31/04			
						62498	4	31/03;13/04			
						62499	4	31/03			
						62510	3	8,9/04			
						62512	3	N8,N9/04			
						62515	2	26/04			
						62520	6	28,32,41/03;8,9/04			

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 21/03 THROUGH NM 33/04

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.
71331	11	33,38/03	74182	12	25,34,38,39,40,41,42, 49/03;11,17/04	75150	5	26/03	83590	1	45/03
71333	2	33/03	74183	11	25,38/03	75160	6	25,32/03	91005	6	42/03
71335	2	38/03	74184	10	34/03;8,11/04	75170	12	25,38/03	91020	5	46/03
71340	11	33/03	74186	7	21,27,30,36/03	75171	22	26,35,38,40,44/03;10, 21/04	91025	8	46/03
71348	3	23/03	74190	7	31,34,39/03	75172	5	49/03	91030	3	42/03
71349	2	23/03	74191	2	29/03;5/04	75173	9	26,35,38,40/03	91175	2	6/04
71400	5	23/03	74192	3	40/03	75176	9	25,26,32,40,44/03;21/04	91220	3	30/04
71402	1	33/03	74200	8	32,40/03	75177	7	26,38/03	91280	7	43,46/03
71410	1	23/03	74201	9	32/03;11/04	75180	2	25,38/03	91289	19	43/03
71420	1	23/03	74202	3	27/03	75185	2	36/03	91300	3	46/03
71430	3	23/03	74204	5	32,40,46/03;11/04	75190	2	25,36/03;22/04	91331	3	42/03
71440	2	23/03;11,14/04	74205	2	27,32,35/03;1/04	75191	6	30,34,36,38/03	91340	3	42/03
71455	2	23/03	74206	3	32/04*	75193	6	35/03	92006	5	10/04
71460	1	23/03	74210	7	37,46/03	75207	2	33,37,43,49/03	92025	3	42/03
72000	8	21,23,24,27/03;25/04	74210	8	30,37,46,50/03;11,15, 25/04	75208	2	30,33/03;22/04	92030	4	42/03;30/04
72007	10	27,50/03;9/04	74220	8	30,37,46,50/03;11,15, 25/04	75213	2	33,38/03	92150	3	43/03
72014	10	9/04	74221	2	30,38/03	75215	2	33,38/03	92160	3	43/03
72021	8	23,27,50/03;9/04	74229	2	26,50/03;21,24/04	75220	12	26,39/03;8/04	92170	3	43/03
72028	7	22/03	74230	7	36,46,50/03;12,15,25/04	75222	8	1/04	92350	4	30/04
72035	8	21,27/03;9/04	74231	7	21,36,50/03;10,24,25/04	75240	4	27,39/03;8/04	92356	2	30/04
72045	2	27/03;9/04	74232	9	21/03;8/04	75241	6	26,35/03	92410	3	42/03
72050	4	23/03	74240	8	41,46/03;13,25/04	75251	5	37,40/03;13,19/04	92450	3	42/03
72070	4	25/04	74251	8	21/03;15/04	75261	6	26,31,38/03;1,13,19/04	93006	2	43,44,48/03
72085	3	50/03;9/04	74252	9	10/04	75262	6	1/04	93010	6	24/03;32/04
72094	2	25/04	74253	6	21,30/03;10,13,15/04	75263	9	26,31/03;1/04	93018	8	24/03
72103	2	25/04	74261	9	30,39/03;21/04	75264	17	27,32/03;1/04	93025	5	45/03
72105	2	50/03;9/04	74265	2	21,30/03;10,13,15/04	75265	2	31,32,38,40/03	93032	3	24/03
72107	2	32/04	74270	3	38/03;10,15,21/04	76015	1	28,45,52/03;3/04	93047	2	24/03
72110	9	9/04	74271	9	26,27,29,30,38/03;10, 21/04	76030	9	52/03;3/04	93048	1	33/03
72120	3	9/04				76040	8	47/03	93160	4	24,47/03
72173	2	9/04				76050	8	28,52/03	93180	7	47/03
72181	2	50/03	74272	7	29,30/03;9,15,21/04	76055	8	28/03	93220	6	47/03
72203	2	9/04	74273	5	27/03;10,15/04	76061	3	52/03	93240	11	24,47/03;32/04
72204	1	26/04	74281	7	30,52/03;17/04	76064	7	52/03	93241	9	25/03;32/04
72223	8	27/03	74283	2	27,52/03	76065	3	37/03	93245	6	24/03;32/04
72231	8	21/03	74285	2	38,50/03	76066	7	52/03	93247	4	32/04
73000	9	21/03;10/04	74286	2	29,35/03	76070	9	28,45,47,51/03;3/04	93260	8	47/03;32/04
73002	4	10/04	74287	2	47/03	76071	9	28/03	93261	5	47/03;32/04
73004	4	8,10,26,27/04	74289	5	10/04	76080	8	47/03	93620	4	26/04
73006	2	10/04	74290	11	27,30,38,50/03;15,18/04	76081	7	28,37/03	93626	9	26/04
73008	8	23/03	74292	8	27,52/03;1/04	76083	3	37/03	93650	2	24,28,49/03;2/04
73010	3	10/04	74293	7	18/04	76120	6	45/03	93652	2	24,49/03;2/04
73014	10	10/04	74295	3	27,29,35/03;1/04	76121	8	47/03	93680	3	24/03;18/04
73016	4	10/04	74296	4	27,52/03;15/04	76141	8	28,37,45,52/03	93688	3	N18/04
73018	3	10/04	74320	3	41,43/03	76142	1	37,45/03	93690	2	45/03
73020	9	21,22/03;10,21/04	74350	4	44/03;21/04	76144	1	28/03	93698	3	28/03;6/04
73022	4	10/04	74376	5	44/03	76146	1	28/03	93710	3	43,52/03
73030	4	22/03	74380	4	26/03	76147	1	28/03	93720	10	24,28,42,43,44,48,49/03
73032	4	22/03	74391	3	26/03	76160	4	28/03	93721	5	23,25,40,41,43,44,45,46, 48,49,50,52/03;1,4,7,8, 11,14,16,22/04
73130	8	31/04	74392	7	25,49/03	76161	10	47/03;29/04	93725	6	24,49/03
73141	5	10/04	74393	9	39/03;13/04	76162	1	28/03	93726	4	45,50/03
73191	3	10/04	74394	2	39/03;13/04	76170	7	28,52/03	93730	3	24,28,31,41,42,43,46,47, 48,49/03;13,14,16,17, 23/04
73552	4	38/03;18/04	74420	3	27,30/03	76180	1	28/03;3/04	93733	13	25,40,41,44,45,47,48, 52/03;1,4,8,14,16,23, 25/04
73580	4	43/03	74440	3	22/04	81004	3	37*43/03;9,10,17,21/04	93734	12	51/03*;4,23/04
73581	4	43/03	74450	3	37/03	81048	9	52/03*;8,9,17,21/04	93736	24	11*16,22,31/04
73590	6	36,43/03	74455	3	38,49/03	81054	14	52/03*;7/04	94004	6	42/03;6,15,24/04
73601	3	43/03;12/04	74460	4	37/03	81060	2	43/03;8,9,11,17,21/04	94016	2	21,33,47/03;26,30/04
73620	2	12/04	74465	2	36,38/03	81063	5	47/03	94028	7	21,24,27,31,33,40,51, 52/03;1,4,16,17,19,20,21, 28,30/04
73631	4	40/03	74475	2	42,48/03	81067	6	46/03*;12,24/04	94033	5	21,23,29,42,44/03;2,12, 16,19,23/04
73640	5	40/03;10/04	74510	2	35,58/03;13/04	81071	6	24/04	94040	13	28,31,43,51/03;13,18/04
73650	5	40/03	74515	4	31,35/03	81076	10	41*,44/03;12/04	94042	9	24,43,45/03;4,8,13,16,20/04
73653	1	40/03	74517	3	31/03	81092	3	32/03	94060	10	24,31,42/03;11,13,18/04
74000	6	41/03	74530	2	36,49/03	81711	6	31/03;1/04	94061	5	23,41,42,52/03;11,13, 18/04
74002	2	31/03	74535	2	36,38,49/03	81715	4	31/03;1/04	94080	7	22,32,51/03;15,17,23, 24/04
74003	5	31,34/03	74545	3	32/03	82010	6	39/03;22/04	94082	8	22,51/03;15,17,23/04
74005	2	27,30,38/03;15/04	74555	3	12/04	82015	13	39/03;22/04	94083	12	15,24/04
74007	1	46/03	74560	10	31,32/03;15/04	82020	7	39/03;22/04	94120	6	21/03;15,23/04
74008	6	15,21/04	74581	9	27,31,39,48/03	82095	2	12/04	94122	7	35/03
74009	10	21,36,44/03;21/04	74582	9	27,31,39,48/03	82105	2	12/04	94123	9	28/03;23,24/04
74012	10	27,36,37/03;8,22/04	74583	15	38,48/03;12/04	82192	6	43/03	94124	13	25,28/03;23,24/04
74015	10	21,31,36/03;8,13,22/04	74584	5	26,27,36,38,39,48/03	82200	2	41/03;12/04	94160	7	28,31,41,42/03;6,13,16, 17/04
74016	3	27,42,48/03	74591	7	38/03;12/04	82201	2	12/04	94164	2	41,42,43/03;17/04
74017	4	31,38/03;13/04	74595	2	42/03	82215	2	41/03	94165	4	24,43/03;13,18/04
74020	4	31,38/03;13/04	75000	6	31/03	82244	5	39/03	94180	9	23,28,44/03;6,16,17, 18/04
74021	7	26,31,35/03;13/04	75001	3	31,32/03	82253	7	39/03;15/04	94181	7	28,31,44/03;6,16,17, 18/04
74024	7	36,49/03	75025	9	25,27,36,38,39/03;8/04	82280	N39/03;N22/04	94182	8	22,51/03;15,17,23/04	
74027	9	39/03	75035	18	26,27/03;8/04	82571	6	14/04	94183	12	15,24/04
74030	6	42/03	75051	6	5,11/04	83020	8	24/03	94120	6	21/03;15,23/04
74051	2	42/03	75052	2	10,11/04	83025	1	45/03	94122	7	35/03
74151	9	29,40,41/03;19/04	75130	16	25,26,37/03;22/04	83034	1	23/04	94123	9	28/03;23,24/04
74152	11	27,30,34/03;1,13,19/04	75131	7	39/03	83039	11	23/04	94124	13	25,28/03;23,24/04
74153	2	27,41/03;1,19/04	75132	11	25,29,32,35/03;9,21/04	83425	6	3/04	94160	7	28,31,41,42/03;6,13,16, 17/04
74171	4										

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 21/03 THROUGH NM 33/04

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.
94187	3	23,36,45,46/03;12,18/04	95180	11	21,23/03	97029	3	40/03;16,32/04	97237	6	41/03
94188	2	28/03	95185	2	35/03	97040	5	23,24/04	97238	11	12/04
94201	1	24,28/03	95200	6	23/03	97041	9	22/03	97239	10	23/03
94203	10	24,41,42/03	95230	3	29/04	97042	7	27/04	97241	6	1,23,27,30/04
94206	3	44/03;18/04	95243	4	15/04	97060	8	22,26/03;27/04	97243	8	21,27,33/03;14,22/04
94216	6	42,44,47/03;1,5/04	95250	4	22,36/03;19,26,31/04	97061	4	21/04*	97245	11	29/03
94217	4	2,5/04	95255	2	31/04	97062	12	22,26,34,35/03;10,27, 32/04	97246	7	13,25/04
94218	3	2,5,17/04	95261	7	23,28,36,47/03;14,21,26, 31/04	97063	2	48/03*	97251	4	36,52/03
94219	1	46/03;6/04	95262	13	27,36/03	97064	2	33,45/03	97261	15	21,26,44/03;1,13,22,23, 24,27,31/04
94220	4	33,42,44,47/03;5,18/04	95264	8	25/03	97065	2	48/03*	97262	10	21,26,33,46/03;2,13,14, 22,31/04
94260	5	31/03	95267	6	15/04*	97080	6	21*,24/04	97263	10	21,46/03;2,14,31/04
94280	5	32/03	95268	16	30,33/04	97082	5	34/03;10/04	97266	5	26,42/03;1,2,7,23,27,31, 32/04
94281	6	42/03	95270	5	21/04*	97083	3	29,34,35/03;27/04	97267	16	26,27,42/03;7,9,13,32/04
94282	9	7,13/04	95271	4	26,36/03;30,33/04	97100	4	26,49/03;16,17,24,31, 32/04	97268	10	24/04
94283	7	32/03;7,13,14/04	95272	3	30,33/04	97101	2	50/03*	97269	11	27/03;7,32/04
94290	2	31/03;7/04	95273	2	12/04	97104	4	41/03	97270	6	7,13/04
94322	14	47/03;6/04	95274	4	15*,25/04	97105	3	41/03;17,24/04	97271	12	26,35,41,44/03;9,17,24, 31/04
94360	6	2,8,12,16,17,30/04	95276	4	1*,26/04	97108	4	50/03*	97272	11	23,37,47/03;1,9,13,19,31, 33/04
94361	13	2,8/04	95280	10	21/04*	97120	6	25,40,44,45,49/03;31, 32/04	97273	11	34*,52/03;1,9,33/04
94363	4	29/03;15,17,21,30/04	95281	15	36,45/03	97140	17	25,40,44,45,46,49,52/03; 31,32/04	97274	19	23,37,47,52/03;7,9,21/04
94380	4	N18/04	95282	7	22,23/03;12,19/04	97141	5	6/04	97275	3	52/03*
94420	3	23,42,44,47/03;2,12, 16/04	95285	3	12/04	97143	12	21*,33/04	97276	2	50/03*
94421	10	12/04	95300	6	21*,22,26,30/04	97144	14	39,44,49/03;6,33/04	97277	12	21*,24,33/04
94423	12	12/04	95320	15	21,26,33,40/03;10,13,14, 26,28/04	97145	1	25,40,45,47/03;31,32/04	97278	12	14/04*
94440	2	23/04	95341	8	40,44/03;10,13,14,31/04	97146	10	39/03	97279	9	27/03
95016	8	21,24,25,26,28,29/04	95342	16	10,13/04	97148	9	27/03	97280	4	31/04
95040	8	27/04	96000	5	17,20,32/04	97149	20	25/03;12,33/04	97281	3	50/03*
95041	7	23,50/03	96004	14	16,25,32/04	97150	13	27,42,49/03	97285	6	36/03;7,21/04
95043	2	27/04	96012	16	32/04	97151	16	25,49/03	97286	6	35,36,38/03;26/04
95060	13	21,23,29,31,33/03;16,17, 19,21/04	96016	7	51/03	97152	9	1*,6/04	97300	6	25,26/03;6,22,27,31/04
95065	5	31/03	96028	5	51/03;20/04	97153	8	52/03*;30/04	97303	3	45/03
95066	11	21,23,25,27,31,32,33, 37/03;6,17,21/04	96032	3	34,51/03;20/04	97155	14	28/03;10,12,20/04	97304	1	22/04
95067	13	23,28,37/03;17,20/04	96039	7	23,44/03;8,15/04	97157	2	40/03*;1/04	97320	6	25,46/03;6,14,21,22/04
95068	1	25,28,29,37/03	96041	11	39,44,45/03;8,11,20/04	97158	5	50/03*	97340	8	22,36,46,47/03;9,14, 24/04
95080	13	21,24,25,27,28,30,31,32, 48,52/03;16,17,19,20, 21/04	96042	11	21,39,40,44,45/03;8,11, 20,26/04	97163	14	36/03;11/04	97341	9	21,47/03
95082	9	25,27,28,30,52/03;14,19, 21/04	96043	8	11/04	97164	1	52/03	97342	14	22,27,43/03;24/04
95083	8	28/03	96080	6	25/04	97165	1	52/03	97343	12	25/03;9/04
95085	4	27,33/03	96100	2	25/04	97166	1	21,46/03	97345	2	50/03
95086	5	23,27,31,33/03	96120	6	21/03	97167	2	21/03;23/04	97360	6	27,43,45,47/03;30/04
95087	3	30,31/03;1/04	96181	5	25/04	97180	6	22,26,44/03;19,32/04	97380	7	23,38,40,45/03;17,23/04
95100	12	23,25,27,28,29,31,37/03; 4,17,20/21/04	96320	4	51/03	97181	20	22,23,26,27,35,44,46/03; 1,7,19/04	97381	7	27,43,45/03
95101	8	28,31/03;17,20/04	96381	2	50/03	97182	13	21,22,23,27,35,46/03;1,9, 21,26,28/04	97382	2	42/03
95102	8	23,25,27/03;1/04	96382	2	21/03	97183	9	22,26,43,44/03	97383	16	42,46,47/03;22,25,33/04
95103	8	27,28,31/03	96440	3	11/04	97184	15	22,39,44/03	97385	10	46,47/03;22,33/04
95120	7	21,26/03	96441	1	50/03;20/04	97185	2	46/03	97387	2	42,46/03;10,25,33,34/04
95138	8	23,24,25,27,28,30,35, 36/03/21/04	96480	3	51/03;11/04	97187	3	21,16/04	97389	2	45*,47/03
95140	15	21,24,25,27,29,33,35,37, 51,52/03;4,16,17,19,20, 21,24/04	96500	6	39/03;25/04	97188	3	50/03*;7,9/04	97390	5	36/03;7,22/04
95141	8	21,23,25,29,37,51/03;4, 20/04	96520	7	28/04	97189	2	22,39,43/03	97396	14	23,33,38/03;2/04
95142	9	23,29/03	96521	3	21/03	97190	2	19,31/04	97397	7	26,44,49/03
95143	11	23,24,25,27,28,30,36/03; 21/04	96540	5	11/04	97200	9	22,25,26,29/03;17,23,27, 31/04	97398	4	43/03*;27/04
95144	9	21,23,24,35,37/03;17/04	96560	5	51/03	97201	7	28/03	97400	4	34*,44,49/03
95146	14	21,23,24,31,32,35,37, 48/03;20/04	96620	3	38/03;11/04	97202	15	25/03;30,33/04	97410	9	50/03*;2/04
95147	13	23,25,28,29,31,32,35, 36/03;20,21/04	96621	5	38/03;11/04	97204	9	25,33,43,45,47/03;13, 25/04	97412	7	47/03
95149	9	24,25,27,30,32,35,52/03; 16,20/04	96645	1	15/04	97205	3	28/03	97420	17	33,38,40,45/03;1,13,14, 17,23,24,28/04
95151	17	23,28,29,30,37/03;16,19, 20/04	96660	4	36/03	97206	3	50/03*;13/04	97421	13	26,36/03
95152	5	28,30,31,32,35/03;20/04	96760	4	17/04	97218	3	33/03	97423	2	26,36/03;10,17/04
95153	2	25,32,33/03;19/04	96762	4	50/03*;16/04	97219	4	23,25,47/03;13,27/04	97425	6	45/03;1,2,23,28/04
95160	13	21,24,25,27,33,36,40/03; 1,14,16,17,19,20,24, 28/04	96763	7	32,37,45/03;6,16,21, 26/04	97220	3	23,29,33,46,49/03;6, 33/04	97440	8	27,43,47/03;9,30/04
95161	16	23,25,27,30,37/03;20/04	96764	3	34/03*	97221	20	22,23,25,26,29,33,46/03; 6,7,11,13,17,18,24,27, 33/04	97441	5	47/03;14/04
95162	2	30,35/03;20/04	96883	9	11/04	97223	3	18/04	97443	6	25,47/03
95163	2	21/03	96904	3	34/03*	97224	3	22,23,46/03;21/04	97460	7	21,47/03;9,23,26/04
95164	4	27/03	96939	3	22/03	97224	6	45/03;11/04	97461	9	21,22,23,26/03;9,26/04
95167	10	21/03	96941	8	47/03;9,16,32/04	97225	32	21*,27/04	97465	9	22,33,37/03;6,12,26/04
95169	2	23/03	96942	9	9/04	97226	7	41/03;6,22/04	97466	2	23,27/03
95171	1	21,37/03	96943	15	22,23,42/03;16,19/04	97227	11	30,34/03	97469	10	22,33,37/03;6,12,30/04
95172	1	21,32/03	96948	8	21,22,03/30/04	97228	15	21,22,27,29,35,49,52/03; 7/04	97471	5	N22,N33/03;N6,N10, N12/04
95173	1	28/03	96949	21	22/03	97229	12	28,33/03;18,30/04	97472	8	33/03
95174	1	27/03	96960	3	47/03;16,32/04	97230	18	28,33/03	97474	7	22/03;26/04
95176	2	30,35/03	96962	4	22,33/03;23,26/04	97231	11	23,33/03	97480	7	21/03;15,23/04
95177	1	21,37/03	97000	3	40/03	97232	9	7*,23/04	97483	7	11/04
95178	1	21,32/03	97005	9	47/03;17,27,32/04	97233	12	15*,17/04	97501	2	21*,23/04
95179	1	28/03	97015	10	16,17,31,32/04	97234	17	41/03;7,22,24,33/04	800669	8	N1,N16/04
95180	7	40/03;16,17,19,20,21,25, 28,31,32/04	97021	7	40/03;16,17,19,20,21,25, 28,31,32/04	97235	2	52/03*	800744	1	N36,N47,N50/03;N10, N30/04
95176	2	30,35/03	97026	10	23,30/04	97236	20	23,35,41/03;13,22/04	801217	1	N22,N33,N37/03;N6, N12,N26/04
95177	1	27/03							801885	3	N34/03
95178	2	30,35/03	</td								

**CHARTS AFFECTED BY NOTICE TO MARINERS
NM 21/03 THROUGH NM 33/04**

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.			
801953	1	N39,N52/03			
802260	5	N1,N23/04			
803404	2	N8/04			
804059	2	N43/03			
804567	4	N31/03:N9,N32/04			
805118	3	N36/03:N12,N24/04			
805647	2	N30/03:N8,N13/04			
805980	4	N23/04			
806927	8	N25,N30,N39/03:N29/04			
807370	5	N25,N30,N31,N39/03; N14,N29/04			
807861	2	N22/03			
809055	7	N25,N26,N31/04			
809679	2	N27/03			

SECTION II

NM 33/04

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								
11BCO11304 (7642014010176)	Northern Part of Laguna Madre (LORAN-C)	80,000	<u>13</u>	<u>6/04</u>	NOS	1-94	33/04	
14XHA14925 (7642014010690)	Racine Harbor	10,000	<u>23</u>	<u>6/04</u>	NOS	1-96	33/04	
17BCO17434 (7642014011397)	Revillagigedo Channel	80,000	<u>12</u>	<u>6/04</u>	NOS	1-74,98	33/04	
	<u>Insets: Ryus Bay</u>	20,000						
	<u>Foggy Bay</u>	40,000						
18BHA18502 (7642014011574)	Grays Harbor	40,000	<u>85</u>	<u>6/04</u>	NOS	1-84,98	33/04	
	Continuation: Continuation of Chehalis River	40,000						
	Inset: Westhaven Cove	10,000						
REGION 2								
25BHA25608 (7642014012051)	Plans of the Leeward Islands		<u>22</u>	<u>5/04</u>	A	2-63	33/04	
	Plans A: Baie du Marigot	14,912						
	B: Port of Gustavia	14,936						
	C: Plymouth	15,052						
	D: Basseterre	14,987						
	E: Approach to Barbuda	75,000						
REGION 3								
<u>35AHA35049</u> (7642015122493)	<u>UKHO 1078, Inverness Firth</u>	<u>20,000</u>		<u>11/02</u>	<u>UKHO</u>	3-12,13, 30	33/04	
	Plan: Inverness	<u>5,000</u>						
	(Change legends (2) 35087 to 35049 on graphic p. 3-13 in vicinity 57-26N 003-56W)							
<u>35AHA35051</u> (7642015122494)	<u>UKHO 1446, Approaches to Aberdeen</u>	<u>15,000</u>		<u>8/00</u>	<u>UKHO</u>	3-12,13, 30	33/04	
	Plan: Aberdeen Harbor	<u>7,500</u>						
	(Change legends (2) 35099 to 35051 on graphic p. 3-13 in vicinity 57-13N 001-30W)							
<u>35BHA35052</u> (7642015122505)	<u>UKHO 223, Dunrobin Point to Buckie</u>	<u>75,000</u>		<u>3/04</u>	<u>UKHO</u>	3-12,13, 30	33/04	
	(Change legend 35101 to 35052 on graphic p. 3-13 in 57-58N 003-03W)							
<u>35BHA35053</u> (7642015122497)	<u>UKHO, Cromarty Firth-Cromarty Bank to Invergordon</u>	<u>15,000</u>		<u>12/03</u>	<u>UKHO</u>	3-12,13, 30	33/04	
	Plan: Invergordon	<u>5,000</u>						
	(Change legends (2) 35103 to 35053 on graphic p. 3-13 in vicinity 57-43N 004-26W)							
<u>35BHA35054</u> (7642015122484)	<u>UKHO 1934, Entrance to the River Tyne</u>	<u>7,500</u>		<u>11/01</u>	<u>UKHO</u>	3-12,13, 30	33/04	
	<u>54 58 54N 1 30 00W</u>							
	<u>55 01 28N 1 23 06W</u>							
	Plans A: Willington Quay to Saint Anthony's Point	<u>12,500</u>						
	<u>54 57 24N 1 33 21W</u>							
	<u>54 59 31N 1 29 20W</u>							
	B: Saint Anthony's Point to Dunston	<u>12,500</u>						
	<u>54 57 22N 1 39 09W</u>							
	<u>54 58 23N 1 32 51W</u>							
<u>35AHA35087</u> (7642014012315)	Canceled					3-12,30	33/04	
<u>35AHA35099</u> (7642014012312)	Canceled					3-12,30	33/04	
<u>35BHA35101</u> (7642014012337)	Canceled					3-12,30	33/04	
<u>35BHA35103</u> (7642014012338)	Canceled					3-12,30	33/04	

SECTION II**NGA HYDROGRAPHIC PRODUCTS CATALOG CORRECTIONS**

Price Categories effective 1 October 2002

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

CHS Canadian Hydrographic Service
DS Distribution Limited
GPO Government Printing Office
NOS National Ocean Service
UKHO United Kingdom Hydrographic Office
* Not for sale or reproduction outside U.S.A.

To locate the nearest NOS Sales Agents in your area, go to - <http://acc.nos.noaa.gov/Naut/NautAgents.html>

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

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

NAVIGATION PUBLICATIONS

SAILING DIRECTIONS CORRECTIONS

PUB 148 7 Ed 2001 LAST NM 32/04

Page 34—Line 24/L; insert after:

A partially-obscured light is situated on the W end of the islet.

(US NM 30/04)

33/04

PUB 154 8 Ed 2002 LAST NM 31/04

Page 204—Lines 31 to 34/L; read:

The Northland Cruise Dock, a new facility, has been reported (2004) to be located about 0.6 mile NE of Ocean Dock. The dock is about 340m long and consists of eight dolphins and a 40m floating dock, used for passenger handling, connected to shore by two ramps. Vessels up to 300,000 grt and up to 300m long can be handled. The dolphins and the outer ends of the floating dock are marked by lights. There are also extensive facilities for small craft, pleasure craft, and yachts.

(Can NM 05/04)

33/04

PUB 195 7 Ed 2002 LAST NM 23/04Page 4—Line 20/L; read:
equipment and radios.

GOFREP, a mandatory ship reporting system under SOLAS, has been established in the Gulf of Finland and its approaches. This system is operated by the VTS centers at Tallinn (VHF channel 61), Helsinki (VHF channel 60), and Saint Petersburg (VHF channel 74).

Vessels not equipped with an Automatic Identification System (AIS) and entering the area from the W are recommended to send a report to the relevant VTS traffic center at least 1 hour in advance.

For further information concerning GOFREP, see Finland in Pub. 140, Sailing Directions (Planning Guide) North Atlantic Ocean, Baltic Sea, North Sea, and the Mediterranean Sea.

(BA NP 286)

33/04

Page 8—Lines 18 to 22/R; read:

Regulations.—GOFREP, a mandatory ship reporting system under SOLAS, has been established in the Gulf of Finland and its approaches. This system is operated by the VTS centers at Tallinn (VHF channel 61), Helsinki (VHF channel 60), and Saint Petersburg (VHF channel 74). For further information concerning GOFREP and other regulations pertaining to vessels approaching the ports along the S coast of the Gulf of Finland, see Finland in Pub. 140, Sailing Directions (Planning Guide) North Atlantic Ocean, Baltic Sea, North Sea, and the Mediterranean Sea.

(BA NP 286)

33/04

Page 17—Line 6/R; read:
recommended routes.

GOFREP, a mandatory ship reporting system under SOLAS, has been established in the Gulf of Finland and its approaches. This system is operated by the VTS centers at Tallinn (VHF channel 61), Helsinki (VHF channel 60), and Saint Petersburg (VHF channel 74).

Vessels not equipped with an Automatic Identification System (AIS) and entering the area from the W are recommended to send a report to the relevant VTS traffic center at least 1 hour in advance.

For further information concerning GOFREP, see Finland in Pub. 140, Sailing Directions (Planning Guide) North Atlantic Ocean, Baltic Sea, North Sea, and the Mediterranean Sea.

(BA NP 286)

33/04

Page 21—Line 30/R; read:

Regulations

GOFREP, a mandatory ship reporting system under SOLAS, has been established in the Gulf of Finland and its approaches. This system is operated by the VTS centers at Tallinn (VHF channel 61), Helsinki (VHF channel 60), and Saint Petersburg (VHF channel 74). For further information concerning GOFREP, see Finland in Pub. 140, Sailing Directions (Planning Guide) North Atlantic Ocean, Baltic Sea, North Sea, and the Mediterranean Sea.

(BA NP 286)

33/04

Page 27—Lines 6 to 21/L; read:

Regulations.—GOFREP, a mandatory ship reporting system under SOLAS, has been established in the Gulf of Finland and its approaches (see paragraph 2.1).

A Vessel Traffic Service (VTS) system operates within the approach fairways of the port pilotage area. Kotka VTS can be contacted on VHF channel 67. Radio communications are in English, Finnish, and Swedish.

All vessels over 12m in length must maintain a continuous VHF watch.

All vessels over 20m in length must send an initial report to Kotka VTS when entering the area. The report must state the vessel's name, location, and planned route. The VTS Center will confirm receipt of the report and will provide the necessary information and instructions.

The VTS Center can provide positioning assistance on request in the case of equipment malfunction.

The VTS Center may give instructions on the speed of vessels and, when necessary, prohibit overtaking in the area or specify the right-of-way in narrow channels.

The VTS area is bordered by a line joining the following approximate positions:

- a. 60°16'N, 25°43'E. (shore).
- b. 60°05'N, 25°43'E.
- c. 60°05'N, 26°33'E.
- d. 60°12'N, 26°50'E.
- e. 60°12'N, 27°18'E.

COAST PILOT 4 (Continued)

bridge centerline) crosses the river just above Blount ...
(CL 463/04) 33/04

Page 460—Paragraph 116, line 6; read:
available. In 2002-April 2004, the controlling depth in the ...
(BP 183330; BP 181433; BPs 178690-91) 33/04

**COAST PILOT 5 32 Ed 2004 Change No. 6
LAST NM 31/04**

Page 137—Paragraph 1905, line 8; read:
approved material is available for inspection at the Office of
the Federal ...
(CL 941/04; FR 6/23/04) 33/04

Page 321—Paragraph 6, line 3; read:
NW of the entrance to Tampa Bay. (See **50 CFR 622**, ...
(50 CFR 622.34) 33/04

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME I LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
12328	<i>Scituate ODAS Lighted Buoy S2</i>						<i>Remove from list.</i>
							*
							33/04
24330	- LIGHT 10	41 12 37 N 73 02 54 W	FIR 4s	27	4	TR on skeleton tower.	
		*			*		
							33/04
29760	PATCHOGUE BREAKWATER LIGHT 5	40 44 46 N 73 01 01 W	FIG 2.5s	21	4	SG on skeleton tower.	
		*					
							33/04
Jones Inlet							
<i>Positions of buoys frequently shifted with changing conditions.</i>							
30890	- LIGHT	40 34 24 N 73 34 32 W	FIW 2.5s	33	6	NR on white skeleton tower.	
		*					
							33/04

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
35 1100	<i>Little Egg Inlet Outer Lighted Whistle Buoy LE</i>	39 27 48 N 74 17 22 W	Mo (A) W	5	Red and white stripes with red spherical topmark.		
				*			
							33/04
LITTLE EGG INLET TO HEREFORD INLET (Charts 12318)							
Little Egg Inlet							
<i>Positions of buoys frequently shifted with changing conditions.</i>							
1100 35	<i>Outer Lighted Whistle Buoy LE</i>	39 26 47 N 74 17 18 W	Mo (A) W	5	Red and white stripes with red spherical topmark.		
				*			
							33/04
3200	RACCOON CREEK JETTY LIGHT 2		FIR 4s	15	4	TR on pile.	
				*			
							33/04
28030	- Buoy 14						<i>Remove from list.</i>
							*
							33/04
35905	LIGHT 223	39 19 41 N 74 32 17 W	QG	15	3	SG-SY on pile.	
		*	*	*	*	*	
							33/04
35910	- Daybeacon 234						TR-TY on pile.
				*			
							33/04

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

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
35915	- Daybeacon 235				SG-SY on pile.		
		*					33/04
35940	- Buoy 243				Green can with yellow square.		
							33/04
35945	- Daybeacon 245				SG-SY on pile.		
		*					33/04
35955	- Buoy 246				Green can with yellow square.		
		*					33/04
35960	- Buoy 246A				Red nun with yellow triangle.		
		*					33/04
35965	- Buoy 247				Green can with yellow square.		
		*					33/04
35970	- Buoy 248				Red nun with yellow triangle.		
		*					33/04
35975	- Buoy 249				Green can with yellow square.		
		*					33/04
*35977	- Buoy 250				Red nun with yellow triangle.		
							33/04
*35979	- Buoy 251				Green can with yellow square.		
							33/04
37830	- SOUTH LIGHT S	36 01 05 N 75 57 37 W	Fl W 4s	15	6	NR-I on multi-pile structure.	
					*		33/04

CORRECTIONS TO C. G. LIGHT LIST, VOLUME III LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
570 7110	St. Johns Lighted Buoy STJ	30 23 35 N 81 19 08 W	Mo (A) W		6	Red and white stripes with red spherical topmark.	Racon: M (—).
		*					33/04
730	Jupiter Inlet South Jetty Daybeacon 1						Remove from list.
							*
735	Jupiter Inlet North Jetty Daybeacon 2						Remove from list.
							*
							33/04

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, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
2800.1	- Lighted Buoy 49						Remove from list.
6720 37885	- LIGHT A	30 43 10 N 81 28 19 W	Fl W 6s	16	3	NB on pile.	* 33/04
		*					33/04
ST. JOHNS RIVER (Chart 11491)							
St. Johns River							
7110 570	St. Johns Lighted Buoy STJ	30 23 35 N 81 19 08 W	Mo (A) W	6	Red and white stripes with red spherical topmark.	Racon: M (- -).	
		*					33/04
8395	TURKEY ISLAND LIGHT 43	29 29 58 N 81 41 59 W	Fl G 4s	16	3	SG on dolphin.	
		*					33/04
9680	- LIGHT 5		Fl G 4s	12	3	SG on pile.	
				*			33/04
MacDill Channel							
23372	- Mooring Buoy	27 51 29 N 82 27 10 W			White with blue stripes.		
		*					33/04
37885 6720	- LIGHT A	30 43 10 N 81 28 19 W	Fl W 6s	16	3	NB on pile.	
		*		*			33/04
*Delete Heading: *Loxahatchee River							
46255	- Buoy 1						Remove from list.
							*
46260	- Buoy 2						Remove from list.
							*
46265	- Buoy 4						Remove from list.
							*
46270	- Junction Buoy A						Remove from list.
							*
46275	- Buoy 5						Remove from list.
							*
46280	- Buoy 7						Remove from list.
							*

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, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
46285	- Buoy 8						<i>Remove from list.</i>
							*
							33/04
46290	Loxahatchee River North Obstruction Daybeacon						<i>Remove from list.</i>
							*
							33/04
46295	Loxahatchee River South Obstruction Daybeacon						<i>Remove from list.</i>
							*
							33/04
46300	- Buoy 9						<i>Remove from list.</i>
							*
							33/04
46305	- Buoy 10						<i>Remove from list.</i>
							*
							33/04
46310	- Buoy 9A						<i>Remove from list.</i>
							*
							33/04
46315	- Buoy 10A						<i>Remove from list.</i>
							*
							33/04
46320	- Buoy 11						<i>Remove from list.</i>
							*
							33/04
46325	- Buoy 12						<i>Remove from list.</i>
							*
							33/04
*Delete Heading: *Loxahatchee River North Fork							
46330	- Buoy 2						<i>Remove from list.</i>
							*
							33/04
46335	- Buoy 3						<i>Remove from list.</i>
							*
							33/04
46340	- Buoy 4						<i>Remove from list.</i>
							*
							33/04
*Add Heading: *Loxahatchee River North Fork							
*46342	- Buoy 6				Red nun.		Private aid.
							33/04
46345	- Buoy 7						<i>Remove from list.</i>
							*
							33/04

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, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
46350	- Buoy 8						<i>Remove from list.</i>
* 33/04							
*Delete Heading: *Loxahatchee River Southwest Fork							
46355	- Buoy 1						<i>Remove from list.</i>
* 33/04							
46360	- Buoy 2						<i>Remove from list.</i>
* 33/04							
46365	- Buoy 3						<i>Remove from list.</i>
* 33/04							
46370	- Buoy 4						<i>Remove from list.</i>
* 33/04							

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
661	NOAA Lighted Buoy 42041 (ODAS)	27 30 14 N 90 27 44 W	Fl (4) Y 20s			Yellow disc buoy with mast.	
* 33/04							
9550 33100	- LIGHT 4	30 03 54 N 89 47 19 W	Fl R 2.5s	17	4	TR-TY on pile.	Ra ref.
* 33/04							
*Delete Headings: *BARATARIA AND BAYOU LAFOURCHE WATERWAYS (Chart 11365) *Belle Pass							
16512	GREATER LAFOURCHE BARRIER REEF MARKER LIGHTS (3)						<i>Remove from list.</i>
* 33/04							
*Add Headings: *BARATARIA AND BAYOU LAFOURCHE WATERWAYS (Chart 11365) *Belle Pass							
16515 635	- Entrance Lighted Bell Buoy 2	29 04 16 N 90 13 40 W	Q R	4	Red.		
* 33/04							
23007	- Buoy 47A						<i>Remove from list.</i>
* 33/04							
23307	- Buoy 79						<i>Remove from list.</i>
* 33/04							

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 IV LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
24015	UPPER RED LIGHT BEND OUTBOUND RANGE FRONT LIGHT	29 42 19 N 95 01 16 W	Q R	17	5	KRW on skeleton tower on piles.	Visible all around; higher intensity on rangeline. * * * * * 33/04
24020	UPPER RED LIGHT BEND OUTBOUND RANGE REAR LIGHT 215 yards, 180° from front light.		Iso R 6s Iso R 6s	27 25	4	KRW on skeleton tower on piles. On same structure as Lower Red Light Bend Inbound Range Front Light.	Visible on range line only. Visible all around; higher intensity on rangeline. * * * * * 33/04
24795	- CUT C RANGE FRONT LIGHT	29 23 02 N 94 52 42 W	Q G	17		KRW on piles.	Visible all around; higher intensity on rangeline. * * * * * 33/04
24990	- Buoy 31					Green can.	* 33/04
24995	- Buoy 33					Green can.	* 33/04
25000	- Buoy 35					Green can.	* 33/04
33100 9550	CHEF MENTEUR PASS LIGHT 4	30 03 54 N 89 47 19 W	Fl R 2.5s	17	4	TR-TY on pile.	Ra ref. * 33/04
Jamaica Beach Village Channel							
35013	- CHANNEL LIGHT 1	29 12 29 N 94 59 30 W	Fl G 2.5s			SG on pile.	Private Aid. * * * * * 33/04
35013.1	- CHANNEL LIGHT 2	29 12 28 N 94 59 31 W	Fl R 2.5s			TR on pile.	Private Aid. * * * * * 33/04
35820	Tres Palacios Bay Wreck Daybeacon WR					Remove from list.	* 33/04

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
590	NOAA Lighted Buoy 46015	42 44 42 N 124 50 48 W	Fl (4) Y 20s			Yellow disc-shaped buoy.	33/04

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 VI LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
756 16136	<i>Straight of Juan De Fuca Traffic Lane Separation Lighted Buoy JA</i>	48 29 38 N 124 43 38 W	Fl Y 2.5s		4	Yellow.	*
							33/04
3271	<i>Cabrillo Shallow Water Habitat Lighted Buoy A</i>						<i>Remove from list.</i>
							*
3272	<i>Cabrillo Shallow Water Habitat Lighted Bouy B</i>						<i>Remove from list.</i>
							*
3273	<i>Cabrillo Shallow Water Habitat Lighted Buoy C</i>						<i>Remove from list.</i>
							*
3775	- Lighted Buoy 7	32 24 31 N 119 41 16 W	Q G		3	Green.	
				*	*		33/04
3780	- Buoy 8	34 31 30 N 119 41 04 W				Red nun.	
				*			33/04
3785	- Buoy 11	34 24 31 N 119 41 12 W				Green can.	
				*			33/04
3792	- Buoy 12	34 24 28 N 119 41 21 W				Red nun.	
				*			33/04
4375	- LIGHT 5	37 44 27 N 122 12 48 W	Fl G 4s		20	SG on pile.	
				*	*		33/04
4390	- LIGHT 4	37 51 41 N 122 28 44 W	Fl R 6s		15	TR on pile.	Ra ref.
					*		33/04
4845	- Daybeacon 3	37 40 29 N 122 12 06 W				SG on pile.	
				*			33/04
4850	- Daybeacon 4	37 40 28 N 122 13 04 W				TR on pile.	
				*			33/04
4855	- Daybeacon 5	37 40 45 N 122 12 46 W				SG on pile.	
				*			33/04

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 VI LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
4860	- Daybeacon 7	37 40 58 N 122 12 29 W			SG on pile.		
		*					33/04
13355	- Buoy 28	46 24 16 N 118 39 12 W			Red nun.		
		*					33/04
13380	- Buoy 34	46 26 12 N 118 38 23 W			Red nun.		
		*					33/04
13390	- Buoy 38	46 26 36 N 118 38 13 W			Red nun.		
		*					33/04
16136 756	- Traffic Lane Separation Lighted Buoy JA	48 29 38 N 124 43 38 W	Fl Y 2.5s		4	Yellow.	
		*					33/04
*16337	NOAA Lighted Buoy 46088	48 20 00 N 123 10 00 W	Fl Y 2.5s		4	Yellow disc-shaped buoy.	
							33/04
17145	Blair Waterway Lighted Buoy					Remove from list.	
						*	33/04
19557	Cape San Juan Floating Breakwater Lights (3)	48 27 48 N 122 58 08 W	Fl Y 4s		On floating breakwater.	Private aid.	
		*			*		
					*		33/04

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

SECTION II

CORRECTIONS TO PUB 110, LIST OF LIGHTS, 2004 EDITION							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*6 Kulusuk, NW Coast, RACON. <i>G 0010.8</i>		65° 33.9' N 37° 12.4' W	T()				33/04
17532 -Mucuim Islet. <i>G 0047</i>						Remove from list.	
17614 -Boco do Furo. Arrozal. <i>G 0047</i>		1° 27.8' S 48° 42.6' W	Fl.(2)W. period 5s fl. 0.3s, ec. 0.8s fl. 0.3s, ec. 3.6s	36 11		9 Black round metal tower, red band; 26.	*
17644 -Santa Helena. <i>G 0057</i>						Remove from list.	33/04
18360 Cabo Frio. <i>G 0352</i>		23° 00.8' S 42° 00.1' W	Fl.W. period 10s fl. 1.2s, ec. 8.8s	459 140		49 White truncated round tower; 52. Visible 231°-118°.	*
							33/04
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
3064 --Breakwater, head. <i>F 7160.6</i>		36° 48.3' N 137° 03.4' E	Fl.R. period 3s	40 12		3 Red round concrete structure; 31.	*
		*	*	*			33/04
FUSHIKI KO:							
3068 --E. breakwater. <i>F 7162</i>		36° 47.6' N 137° 04.1' E	Fl.G. period 4s	39 12		3 White round concrete tower; 33.	*
		*	*	*			33/04
3072 --W. breakwater. <i>F 7161</i>		36° 47.7' N 137° 04.1' E	Fl.R. period 4s	43 13		5 Red tower; 31.	F.R. on chimney 1 mile SW.
		*	*	*			33/04
3088 --E. breakwater, S. head. <i>F 7154</i>		36° 47.1' N 137° 05.0' E	Fl.R. period 3s	30 9		3 Red tower; 19.	*
		*	*	*			33/04
3090 Sinmanato Gyoko. <i>F 7151.8</i>		36° 47.1' N 137° 05.4' E	Fl.G. period 3s	46 14		5 White tower; 30.	*
		*	*	*			33/04
3104 -Toyama Sinka, E. inner breakwater. <i>F 7151.6</i>		36° 46.6' N 137° 07.1' E	Iso.G. period 4s	40 12		4 White round concrete tower; 33.	*
		*	*	*			33/04

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

SECTION II

CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2004 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
3108	-Toyama Ko, E. breakwater, head.	36° 45.9' N 137° 13.7' E	Fl.(2)G. period 5s	49 15	5	White round concrete structure; 49.	
		*	*		*		33/04
	TOYAMA WAN:						
3112	-Toyama Ko, W. breakwater. F 7149	36° 45.9' N 137° 13.5' E	Fl.(2)R. period 5s	36 11	7	Red tower; 32.	
		*	*		*		33/04
8024	Sanbonmatu Ko, W. F 5550.2	34° 15.4' N 134° 20.5' E	Fl.(2)R. period 6s	43 13	7	Red round concrete structure; 36.	
		*	*	*	*		33/04
12964	-Daibano Hana. F 5008.5					Remove from list.	
						*	33/04

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
1938	-Espigon No. "3", N. corner, head. D 1528	43° 20.1' N 3° 01.7' W	Fl.(2+1)G. period 10s fl. 0.5s, ec. 0.7s fl. 0.5s, ec. 2.1s fl. 0.5s, ec. 5.7s	39 12	1	Framework tripod on white hut; 30.	
			*				33/04
1940	-Portugalete, Churruca Mole No. "3", head. D 1529	43° 20.0' N 3° 01.5' W	Fl.(2+1)G. period 10s fl. 0.5s, ec. 0.7s fl. 0.5s, ec. 2.1s fl. 0.5s, ec. 5.7s	46 14	1	Green concrete tower, red band; 26.	
		*	*		*		33/04
1944	-La Mojijonera, jetty No. "4", head. D 1531	43° 19.8' N 3° 01.1' W	Fl.(2)R. period 6s fl. 0.7s, ec. 0.7s fl. 0.7s, ec. 3.9s	33 10	1	Red metal tripod; 13.	
		*	*	*	*		33/04
1948	-Muelle de la Benedicta. D 1532	43° 19.2' N 3° 00.5' W	Fl.(2+1)G. period 10s fl. 0.5s, ec. 0.7s fl. 0.5s, ec. 2.1s fl. 0.5s, ec. 5.7s	39 12	1	Green metal tripod, red band; 26.	
		*	*		*		33/04
1960	-Monte Serantes AVIATION LIGHT. D 1535					Remove from list.	
						*	33/04

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.

Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*Delete Heading: *-Limin Dhrapetsona:							
15512 - Ormos Foron, T-jetty, N. <i>E 4177</i> head.							
							<i>Remove from list.</i>
							*
							33/04
*Add Heading: *-Limin Dhrapetsona:							
15516	-Ormos Foron, T-jetty, S. <i>E 4177.2</i> head.	37° 56.7' N 23° 36.8' E	2 F.G. (vert.)	30 9	3 17.	White metal column, green band; 3 F.R. (vert.) on chimney 950 meters NNE. Private light.	
							*
							33/04
15536	-Limin Zeas, S. breakwater, <i>E 4182</i> head.	37° 55.9' N 23° 39.2' E	Fl.(2)R. period 6s fl. 1s, ec. 1s fl. 1s, ec. 3s	33 10	7	Concrete column on pedestal, red band.	
							4 F.W. 52m (occas) lights mark stadium 1800 meters NE. Fl.G. 3M and Fl.R. 3M lights shown inside marina.
							*
							33/04
*15562	-S. breakwater, head. <i>E 4189.2</i>	37° 56.2' N 23° 41.2' E	Fl.R.	16 5	2	Metal column; 10.	
							33/04
*15562.2	-N. breakwater, head. <i>E 4189</i>	37° 56.2' N 23° 41.2' E	Fl.G.	13 4	2	Metal column; 26.	
							33/04
15582	-Olympic Sailing Center, <i>E 4190.6</i> entrance.	37° 52.9' N 23° 43.4' E	Fl.G. period 4s	36 11	3	Metal framework tower, gallery, green band; 17.	
							*
							33/04
*15598	-Limin Anavissou, mole, head. <i>E 4199</i>	37° 43.1' N 23° 56.6' E	F.G.	26 8	3	White metal column, green band; 23.	
							33/04
							33/04

CORRECTIONS TO PUB 116, LIST OF LIGHTS, 2004 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
6192	-Karsibor Range, front. <i>C 2690</i>	53° 51.1' N 14° 16.8' E	Oc.Or. period 4s lt. 3s, ec. 1s	49 15	7	White tower, red roof.	
							*
							33/04
6196	-Rear, 1.3 km. 321°20' from front. <i>C 2690.1</i>	53° 51.6' N 14° 16.1' E	Oc.Or. period 4s lt. 3s, ec. 1s	129 39	8	Red iron framework tower, white bands; 125.	Synchronized with front.
							*
							33/04

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

SECTION II

CORRECTIONS TO PUB 116, LIST OF LIGHTS, 2004 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
6204 - -W. C 2694		53° 48.4' N 14° 20.2' E	Iso.W. period 2s	82 25	7 88.	Green metal tower, two galleries; Diaphone: Mo.(K) ev. 60s.	Visible 138°12'-145°12', 318°12'-325°12'.
	Oc.(2)R. period 8s lt. 1s, ec. 1s lt. 5s, ec. 1s			74 23	3	Same structure.	W. 026°30'-036°30', R.-086°.
	*	*					33/04
8742 -Norra Lillhammarsgrund C 6803 Range, front		58° 40.4' N 17° 19.2' E	Iso.W.R.G. period 4s	33 10 G.	W. 8 R. 6 G. 5	Lantern on red and white striped round column, concrete base.	W. 297°48'-304°, R.-315°, G.- 089°, obsc.-180°, G.-297°48'.
	*	*					33/04

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.

Denotes a new entry when preceding the station number.

SECTION II

PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 33/04

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

NGA Reference No.	Ed.	Notice to Mariners No.	NGA Reference No.	Ed.	Notice to Mariners No.	NGA Reference No.	Ed.	Notice to Mariners No.
NGA HYDRO CATALOG CATP2V01U								
Region 1	2002	1*,2,3,4,7,8,9,10,11, 14,15,17,19,20,21, 22,23,24,25,26,27, 28,29,30,31,32,35, 36,37,38,39,40,41, 42,43,44,45,46,47, 48,50,51,52/03;1,2, 3,5,6,8,9,10,11,12, 13,14,15,16,17,18, 19,20,21,22,23,24, 25,26,28,29,30,31, 32,33/04	CDPUBSD145 CDPUBSD146 CDPUBSD153 CDPUBSD155 CDPUBSD157 CDPUBSD158 CDPUBSD160 CDPUBSD164 CDPUBSD174 CDPUBSD191 CDPUBSD192 CDPUBSD193 CDPUBSD194 SDPUB120	2003 2002 2003 2004 2004 2003 2004 2003 2004 2003 2004 2004 2004 2001	51/03* 4/03* 26/04* 29/04* 29/04* 24/03* 25/04* 16/04* 26/04* 29/04* 32*,36,38,39,40,41, 42,43/03 27/04*	SDPUB200	2002	38*,39,42/02,22,27, 34,41,51,52/03; 27/04
Region 2	2002	1*,8,15,17,20,21,22, 23,24,26,28,30,32, 33,34,44,48,52/03;2, 3,5,7,10,11,14,15, 20,22,24,25,33/04	SDPUB123	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	USCG LIGHT LIST VOLUMES I - VII	2004	22*,23,24,25,27,28, 29,30,31,32,33/04
Region 3	2002	1/03*;19,23,24,28, 31,32,33/04	SDPUB126	2002	45*,47,48/01;1,14, 17,18,19/02;24,25, 27,28,32,38,42/03	COMDTM165022	2004	23*,24,25,26,27,28, 29,30,31,33/04
Region 4	2002	1*,23,43/03	SDPUB141	2001	39*,41,42,43,44,45, 48/02;24,26,27,28, 30,32,41/03;12,16, 23,24,25/04	COMDTM165023	2004	23*,24,25,26,27,28, 29,30,31,32,33/04
Region 5	2002	1*,3,5,8,22,27,30, 33,38,48/03;1,9,10, 14,20/04	SDPUB147	2001	21*,38/01 35/01*:21,22,23,	COMDTM165024	2004	23*,24,25,26,27,28, 29,30,31,32,33/04
Region 6	2002	1*,10,11,13,16,19, 20,21,25,28,30,33, 38,50/03;11/04	SDPUB148	2001	24/02;24,26,27,28, 30,32,41/03;12,16, 23,24,25/04	COMDTM165025	2004	22/04*
Region 7	2002	1*,11,15,28/03;31, 32/04	SDPUB154	2002	45*,47,48/02;1,14, 17,18,19/02;24,25, 27,28,32,38,42/03	COMDTM165026	2004	22*,23,24,25,26,27, 28,29,30,31,32, 33/04
Region 8	2002	1*,14,37,41,46, 52/03	SDPUB159	2002	42*,48/02;10,13, 15/04	COMDTM165027	2004	22*,23,24,25,26,28, 29,30,32/04
Region 9	2002	1*,34,40,43,45,48, 50,51,52/03;1,7,11, 14,15,21/04	SDPUB161	2002	23*,24,44,47,48/02; 5,12/03;10,14/04	FLEET GUIDES	2004	N17/04*
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, 18,19,20,21,22,23, 24,25,26,27,28,29, 30,32/04	SDPUB162	2001	48/01*;23,24/02;22, 42,43,45,48,50, 52/03;5,13,14,22,32, 33/04	FGPUB940ATL	2001	N47/01*
NGA LIST OF LIGHTS								
LLPUB110	2004	10*,14,15,19,21,22, 23,24,29,30,31,32, 33/04	SDPUB163	2002	17*,19,31,42,44,45, 46,48,50/02;3,14,19, 23,30,41,42,47/03; 10,12,13,16,19,20, 28,30,31,33/04	NOS MISCELLANEOUS PUBLICATIONS	2000	34/00*
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, 21,22,24,27,29, 30/04	SDPUB171	2001	42*,48/02;10,13, 15/04	NOSPBCATALOG2	2000	34/00*
LLPUB112	2004	7*,9,10,11,12,14,15, 16,17,18,19,20,21, 22,23,24,25,26,27, 30,33/04	SDPUB172	2001	51/01*:5,12/03; 12/04	NOSPBCATALOG3	2000	28/00*
LLPUB113	2003	46*,48,49,50,51, 52/03;1,2,3,4,5,6,7, 8,9,10,11,12,13,14, 15,16,17,18,19,20, 21,22,23,24,25,26, 27,28,29,30,31,32, 33/04	SDPUB173	2002	51/02;13,24,26,27, 28,29,30,31,39,40, 41,43,47,48/03;12, 16,23,24/04	NOSPBCATALOG4	2000	34/00*
LLPUB114	2004	18*,21,22,23,24,25, 26,27,29,30,31, 32/04	SDPUB175	2001	40*,47,48,52/01;5,9, 14,16,41/02;23,24, 26,41/03	NOSPBCATALOG5	2003	30*,31,33/04
LLPUB115	2003	42*,44,46,47,48,49, 51,52/03;1,3,5,7,10, 12,13,14,15,16,17, 20,22,23,24,26,27, 28,29/04	SDPUB180	2002	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, 25,26,27,28,29,31,34, 32,33,34,35,37,38, 39,40,43,44,45,46, 47,48,51/03;1,2,3,4, 5,8,9,12,13,14,17, 19,20,21,22,24/04	NOSPBCATALOG6	2000	18*,21,24,33/04
LLPUB116	2004	23*,28,30,31,33/04	SDPUB181	2002	50*,51/02;3,22,24, 25,26,27,32,33,34, 37,38,49,50,51/03; 31,16,17/04	NOSPBCATALOG7	2003	5*,6,9,20,25,26,27, 31/04
SAILING DIRECTIONS								
CDPUBSD124	2004	25/04*	SDPUB182	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	NOSPBCATALOG8	2002	27,31/04
CDPUBSD125	2004	27/04*	SDPUB183	2001	32*,33,42,47,48, 50/02;6,13,14,17,21, 24,42,44,47,48,49, 51/03;19,21,28/04	NOSPBCATALOG9	2001	32/04*
CDPUBSD127	2004	29/04*	SDPUB185	2002	38*,39/02	RADIO NAVIGATIONAL AIDS	2002	50/02*;13/03
CDPUBSD131	2002	9/03*	SDPUB186	2001	8*,10,12,41/02; 17/03	RAPUB117	2002	50/02*;13/03
CDPUBSD132	2003	6/04*	SDPUB187	2001	27/01*;13,15,16/02; 18/03	AMERICAN PRACTICAL NAVIGATOR	2002	36/02*;14,38/03
CDPUBSD140	2003	25/04*	SDPUB188	2002	33*,40,49,51,52/02;	CDPUBNV102	2003	20/03*
CDPUBSD142	2004	24/04*	SDPUB189	2002	1,2,3,15,16,21,32, 33,41,43,46,49/03;1, 12,23,33/04	INTERNATIONAL CODE OF SIGNALS	2000	20/03*
CDPUBSD143	2003	46/03*	SDPUB190	2002	34/00*	WORLD PORT INDEX	2000	50/00*;14,15,16,20, 21,41,42,43,44,45, 46,47,48,49,51, 52/01;1,2,5,6,10,11, 12,16,19,21,22,27, 31,32,33,36,39,40, 42,46,49/02;2,7,10, 15,20/03
DISTANCES BETWEEN PORTS								
NVPUB151								
RADAR NAVIGATION AND MANEUVERING BOARD MANUAL								
CDPUBNV1310								
2001 51/01*								

SECTION II

**PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 33/04**

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

NGA Reference No.	Ed.	Notice to Mariners No.		
SIGHT REDUCTION TABLES (MARINE)				
SRPUB229V1	1970	11/71*		
SRPUB229V2	1970	11/71*		
SRPUB229V3	1970	7/71*		
SRPUB229V4	1970	3/71*		
SRPUB229V5	1970	3/71*		
SRPUB229V6	1970	23/70*		
SIGHT REDUCTION TABLES (AIR)				
SRPUB249V1	2000	4/01*		
SRPUB249V2	1952	46/52*		
SRPUB249V3	1952	46/52*		
CHART NO. 1				
WOBZC1	1997	18/98*		
CHART NO. 4				
WOBZC4	1988	N23/91*		
ATLAS OF PILOT CHARTS				
NVPUB106	2002	42/03*		
NVPUB107	1998	30/99*		
NVPUB109	2001	49/02*		
USCG NAVIGATION RULES				
COMDTM166722D	1999	44/99*,52/00;16/04		
NOS TIDE TABLES				
NOSPBTTCWPACIN4	2004	N1/04*		
NOSPBTTECSTNSA4	2004	N1/04*		
NOSPBTTEURAFR4	2004	N1/04*		
NOSPBTWCSTNSA4	2004	N1/04*		
TIDAL CURRENT TABLES				
NOSPBTCTATCSTN4	2004	N1/04*		
NOSPBTCTPACAS4	2004	N1/04*		

SECTION III

NM 33/04

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 291100Z July 2004:

2003 series	128(26)	198(11)	226(14)	243(GEN)	258(11)
108(26,27)	184(11)	200(11)	232(GEN)	254(GEN)	259(GEN)
2004 series	190(11)	207(24,25,26)	240(11,12,26)	257(GEN)	

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 quarters are issued in NM 13/04 and 26/04.

NAVAREA IV WARNINGS issued from 221100Z to 291100Z July 2004.

255/04 and 256/04. CANCELED.

257/04(GEN). GPS SATELLITE SYSTEM.

1. PRN 09 UNUSABLE 291200Z TO 300001Z JUL.
2. CANCEL THIS MSG 300101Z JUL.

(261234Z JUL 2004)

258/04(11). NORTH ATLANTIC. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 291200Z TO 291800Z
WITHIN FIVE MILES OF 30-47.5N 081-20.0W.
2. CANCEL THIS MSG 291900Z JUL.

(272039Z JUL 2004)

259/04(GEN). NORTH ATLANTIC. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 020616Z TO 020704Z AUG, ALTERNATE 030615Z TO 030704Z AUG IN AREAS BOUND BY:
 - A. 28-30N 80-33W, 28-03N 79-19W,
28-03N 79-21W, 28-24N 80-36W.
 - B. 28-37N 80-23W, 28-32N 79-58W,
28-09N 80-03W, 28-15N 80-28W.
 - C. 27-35N 75-07W, 26-27N 72-56W,
25-39N 73-20W, 26-41N 75-44W.
 - D. 21-03N 57-13W, 19-13N 47-16W,
14-29N 45-29W, 12-13N 47-16W.
2. CANCEL THIS MSG 030804Z AUG.

(281152Z JUL 2004)

260/04 and 261/04. CANCELED.

SECTION III

HYDROLANTS

Messages in force 291100Z July 2004:

2002 series	2410(54)	850(24)	1089(53)	1195(24)	1239(53,56)
245(GEN)	2413(54)	952(35)	1092(GEN)	1199(36)	1240(24)
246(GEN)	2414(54)	977(35)	1094(53)	1214(36)	1241(35)
2003 series	2416(54)	1003(24)	1103(GEN)	1216(23)	1244(23,24)
604(26,27)	2418(52)	1010(53)	1104(37,43)	1218(51)	1246(35)
1242(24)	2419(54)	1018(43)	1105(GEN)	1219(35)	1247(53)
1422(53)	2420(54)	1019(24)	1121(53)	1220(37)	1248(GEN)
1472(35)	2004 series	1033(37)	1130(53)	1224(GEN)	1250(55)
1999(23)	224(24)	1042(53)	1136(37,43)	1226(52,53)	1251(37)
2203(53)	272(24)	1043(24,25,26)	1141(57)	1228(35)	1252(36,38)
2297(24)	631(37)	1051(53)	1146(24)	1231(35)	1253(24)
2406(54)	649(55)	1077(57)	1162(36)	1234(36)	
2407(54)	650(55)	1084(53,56)	1174(53)	1235(37,51)	
2408(54)	668(56)	1087(GEN)	1184(53)	1236(54)	
2409(54)	805(24)	1088(24)	1186(54,56)	1238(53,56)	

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 quarters are issued in NM 13/04 and 26/04.

HYDROLANT WARNINGS issued from 221100Z to 291100Z July 2004.

1231/04(35). ENGLAND-EAST COAST.
NAVIGATION PROHIBITED UNTIL FURTHER NOTICE
WITHIN TWO MILES OF 55-28.0N 001-25.0W.

(221507Z JUL 2004)

1232/04 and 1233/04. CANCELED.

1234/04(36). WALES-NORTHWEST COAST.
CHART 36122 (12TH ED).
1. SKERRIES LIGHT 53-25N 004-36W
MAIN LIGHT TEMPORARILY CHANGED TO FL (2) W 15 SEC
20 MILES EXHIBITED DURING NIGHT TIME AND REDUCED
VISIBILITY ONLY.
2. CANCEL HYDROLANT 1151/04.

(222117Z JUL 2004)

1235/04(37,51). NORTH ATLANTIC.
1. UNDERWATER OPERATIONS IN PROGRESS UNTIL
FURTHER NOTICE BY M/V POLAR PRINCE
VICINITY 42-11N 012-04W.
WIDE BERTH REQUESTED.
2. CANCEL HYDROLANT 913/04.

(232310Z JUL 2004)

1236/04(54). EASTERN MEDITERRANEAN SEA. HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS DURING DAYLIGHT HOURS DAILY
26 THRU 30 JUL IN AREA BOUND BY
34-37.90N 032-45.65E, 34-37.60N 032-50.87E,
34-39.25N 032-50.53E, 34-39.25N 032-49.60E.
2. CANCEL HYDROLANT 1189/04.
3. CANCEL THIS MSG 31 JUL.

(232315Z JUL 2004)

1237/04. CANCELED.

1238/04(53,56). EASTERN MEDITERRANEAN SEA.
1. DERELICT VESSEL PARTIALLY SUBMERGED
AND ADRIFT IN 34-46N 013-00E.
2. CANCEL THIS MSG 31 JUL.

(240350Z JUL 2004)

1239/04(53,56). EASTERN MEDITERRANEAN SEA.
1. DERELICT VESSEL PARTIALLY SUBMERGED
AND ADRIFT IN 35-00N 012-33.5E.
2. CANCEL THIS MSG 31 JUL.

(240352Z JUL 2004)

SECTION III

1240/04(24). BRAZIL-EAST COAST.

1. SURVEY OPERATIONS IN PROGRESS UNTIL 13 AUG
BY M/V SIRIUS H-31 ALONG TRACKLINE BETWEEN
09-30S 034-35W, 11-15S 035-42W.
WIDE BERTH REQUESTED.
2. CANCEL HYDROLANT 1071/04.
3. CANCEL THIS MSG 14 AUG.

(240810Z JUL 2004)

1241/04(35). NORTH ATLANTIC.

VESSEL, TWO PERSONS ON BOARD, IN
NEED OF ASSISTANCE IN 63-16.2N 000-30.1W.
VESSELS IN VICINITY REQUESTED TO KEEP
A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS SHETLAND COAST GUARD,
PHONE: 4415 9569 2976.

(240913Z JUL 2004)

1242/04 and 1243/04. CANCELED.

1244/04(23,24). SOUTH ATLANTIC. GUNNERY.

1. GUNNERY EXERCISES 301500Z TO 302300Z JUL
WITHIN SIX MILES OF 35-00S 054-00W.
2. CANCEL THIS MSG 310001Z JUL.

(251608Z JUL 2004)

1245/04. CANCELED.

1246/04(35). SCOTLAND-EAST COAST.

CANCEL HYDROLANT 1117/04 AND THIS MSG.

(260828Z JUL 2004)

1247/04(53). SICILIA-SOUTH COAST.

1. SURVEY OPERATIONS 241700Z JUL TO 042200Z AUG
BY M/V CERTAMEN TOWING 1500 METER LONG CABLE
ALONG TRACKLINE BETWEEN
36-16.6N 013-33.2E, 36-12.5N 014-25.3E,
36-20.2N 014-23.6E, 36-19.6N 014-25.3E,
36-08.7N 014-55.3E, 36-08.4N 014-56.0E,
36-08.3N 014-56.5E, 36-08.2N 014-56.8E,
36-08.0N 014-57.3E, 36-07.9N 014-57.5E,
36-07.7N 014-57.8E, 36-07.8N 014-58.2E,
36-07.1N 014-58.3E, 36-06.9N 014-58.5E,
36-06.9N 014-58.7E, 36-06.8N 014-59.0E,
36-06.7N 014-59.5E, 36-05.7N 015-02.7E,
36-03.9N 015-07.6E, 36-03.6N 015-08.0E,
36-03.3N 015-08.4E, 36-03.0N 015-08.7E,
36-02.5N 015-09.0E, 35-59.0N 015-10.8E,
35-58.0N 015-11.5E, 35-56.8N 015-12.9E,
35-55.2N 015-15.3E, 35-52.6N 015-20.8E,
35-48.7N 015-33.9E, 35-48.3N 015-36.1E,
35-48.3N 015-38.4E, 35-48.6N 015-47.6E.
ONE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 042300Z AUG.

(261147Z JUL 2004)

1248/04(GEN). GPS SATELLITE SYSTEM.

1. PRN 09 UNUSABLE 291200Z TO 300001Z JUL.
2. CANCEL THIS MSG 300101Z JUL.

(261235Z JUL 2004)

1249/04. CANCELED.

1250/04(55). BLACK SEA.

1. SEISMIC SURVEY IN PROGRESS UNTIL 30 AUG
BY M/V DIORIT ALONG TRACKLINE BETWEEN
46-11.3N 037-00.0E AND 46-11.7N 037-06.3E.
2. CANCEL THIS MSG 31 AUG.

(271234Z JUL 2004)

1251/04(37). NORTH SEA.

1. PIPELINE OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE
BY M/V SEAWAY FALCON ALONG TRACKLINE JOINING
52-54.7N 002-14.9E, 53-03.6N 002-33.4E,
53-05.0N 002-32.7E. WIDE BERTH REQUESTED.
2. CANCEL HYDROLANT 1068/04(43), OPERATIONS COMPLETED.

(271926Z JUL 2004)

SECTION III

NM 33/04

1252/04(36.38). NORTH ATLANTIC.
DISTRESS SIGNAL RECEIVED FROM F/V CHILLINDRIN TRES IN
45-25N 030-04W VESSELS IN VICINITY REQUESTED TO KEEP
A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO RCC HALIFAX
TELEX: 584 331 699 943, FAX: 1 902 427 2114, PHONE: 1 902 427 8200.

(290145Z JUL 2004)

1253/04(24). BRAZIL-SOUTH COAST.
1. SEISMIC SURVEY IN PROGRESS UNTIL 040259Z AUG
BY M/V CGG SYMPHONY TOWING EIGHT 6000 METER
LONG CABLES IN AREA BETWEEN
23-50S 24-47S AND 041-10W 040-28W.
FOUR MILE BERTH REQUESTED.
2. CANCEL THIS MSG 040359Z AUG.

(290527Z JUL 2004)

SECTION III**NAVAREA XII**

Messages in force 291100Z July 2004:

2004 series	197(GEN)	217(18)	219(GEN)
186(17)	215(GEN)	218(19)	

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 quarters are issued in NM 13/04 and 26/04.

NAVAREA XII WARNINGS issued from 221100Z to 291100Z July 2004.

216/04. CANCELED.

217/04(18). EASTERN NORTH PACIFIC. MISSILES.

1. INTERMITTENT MISSILE FIRING OPERATIONS 0001Z TO 2359Z DAILY MONDAY THRU SUNDAY IN THE NAVAL AIR WARFARE CENTER SEA RANGE. THE MAJORITY OF MISSILE FIRINGS TAKE PLACE 1400Z TO 2359Z AND 0001Z TO 0200Z DAILY MONDAY THRU FRIDAY. THE SEA RANGE IS BOUND AS FOLLOWS:
 - A. 34-02N 119-04W. M. THENCE THREE NAUTICAL MILES FROM AND PARALLEL
 - B. 33-52N 119-06W. TO THE SHORELINE.
 - C. 33-29N 119-07W. N. 34-24N 120-30W.
 - D. 33-29N 118-37W. O. 34-08N 120-26W.
 - E. 33-20N 118-37W. P. 34-08N 119-40W.
 - F. 32-11N 120-16W. Q. 34-00N 119-40W.
 - G. 31-54N 121-35W. R. 34-06N 119-13W.
 - H. 35-09N 123-39W. S. 34-06N 119-11W.
 - I. 35-29N 123-00W. T. 34-07N 119-10W.
 - J. 35-04N 122-43W. U. 34-07N 119-07W.
 - K. 35-57N 121-32W. V. 34-04N 119-04W.
 - L. 34-59N 120-42W.
2. VESSELS MAY BE REQUESTED TO ALTER COURSE WITHIN THE ABOVE AREA DUE TO FIRING OPERATIONS AND ARE REQUESTED TO CONTACT PLEAD CONTROL ON 5081.5 KHZ (5080 KHZ) OR 3238.5 KHZ (3237 KHZ) SECONDARY OR 156.8 MHZ (CH 16) OR 127.55 MHZ BEFORE ENTERING THE ABOVE BOUNDARIES AND MAINTAIN CONTINUOUS GUARD WHILE WITHIN THE RANGE.
3. VESSELS INBOUND AND OUTBOUND FOR SOUTHERN CALIFORNIA PORTS WILL CREATE THE LEAST INTERFERENCE TO FIRING OPERATIONS DURING THE SPECIFIC PERIODS, AS WELL AS ENHANCE THE VESSEL'S SAFETY WHEN PASSING THROUGH THE VICINITY OF THE SEA RANGE. IF THEY WILL TRANSIT VIA THE SANTA BARBARA CHANNEL AND WITHIN NINE MILES OFFSHORE VICINITY OF POINT MUGU OR CROSS THE AREA SOUTHWEST OF SAN NICOLAS ISLAND BETWEEN SUNSET AND SUNRISE.
4. CANCEL NAVAREA XII 208/04.

(260608Z JUL 2004)

218/04(19). NORTH PACIFIC. HAWAII. MISSILES.

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

SECTION III

MESSAGES THROUGH U.S. COAST GUARD HONOLULU.

3. VESSELS INBOUND AND OUTBOUND FOR HAWAIIAN PORTS WILL CREATE THE LEAST INTERFERENCE TO FIRING OPERATIONS AS WELL AS ENHANCE THE VESSEL'S SAFETY BY PASSING SOUTH OF THE ISLANDS OF KAUAI AND NIIHAU DURING SPECIFIED TIMES.
4. CANCEL NAVAREA XII 192/04.

(260612Z JUL 2004)

219/04(GEN). GPS SATELLITE SYSTEM.

1. PRN 09 UNUSABLE 291200Z TO 300001Z JUL.
2. CANCEL THIS MSG 300101Z JUL.

(261244Z JUL 2004)

SECTION III

HYDROPACS

Messages in force 291100Z July 2004:

2001 series	694(62)	996(94,95)	1084(62)	1151(63)	1212(63)
1976(62)	727(22)	1000(63)	1089(GEN)	1152(63)	1213(22)
2002 series	754(62)	1004(93)	1090(GEN)	1153(63,71)	1214(63)
205(GEN)	763(62)	1011(62)	1092(63)	1155(63)	1215(63)
206(GEN)	776(29)	1025(74)	1095(61)	1156(63)	1216(93)
2330(62)	778(75)	1033(62)	1096(GEN)	1157(75)	1218(95)
2003 series	779(97)	1044(61)	1101(61)	1158(22)	1219(71)
207(62)	795(62)	1049(61)	1107(74)	1159(22)	1220(95)
506(62)	801(61)	1050(74)	1112(74)	1163(63)	1221(95)
993(62)	817(74)	1052(74)	1113(74)	1167(22)	1222(95)
998(71)	840(63)	1055(97)	1115(63)	1177(GEN)	1223(82)
1041(71)	842(61)	1059(95)	1120(71)	1180(22)	1224(81)
1330(62)	843(61)	1065(62)	1121(83)	1182(71)	1225(95)
1395(62)	890(71)	1066(62)	1122(63)	1191(GEN)	1226(91)
1699(63)	891(71)	1068(94,95)	1123(63)	1192(63)	1227(71,93)
1911(62)	904(63)	1069(94,95)	1124(74)	1193(71)	1228(83)
1982(GEN)	910(22)	1071(63)	1125(96)	1195(97)	1229(95)
2265(62)	912(94,95)	1076(74)	1127(93)	1199(74)	1230(94)
2004 series	932(22)	1077(83)	1128(22)	1201(63)	1231(75)
23(62)	940(62)	1079(95)	1135(GEN)	1205(63)	
278(63)	948(96)	1080(95)	1138(75)	1207(62)	
329(71)	967(74)	1081(74)	1139(93)	1208(81,92)	
402(62)	981(74)	1082(GEN)	1143(73,74)	1209(GEN)	
455(73)	988(63)	1083(95)	1146(81)	1211(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 quarters are issued in NM 13/04 and 26/04.

HYDROPAC WARNINGS issued from 221100Z to 291100Z July 2004.

1193/04(71). SOUTH CHINA SEA.

1. SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE
BY M/V GECO EAGLE TOWING EIGHT FOUR MILE LONG
CABLES IN AREA BETWEEN 03-16N 03-27N AND
112-05E 112-45E.
2. CANCEL HYDROPAC 1021/04.

(221430Z JUL 2004)

1194/04. CANCELED.

1195/04(97). NORTH PACIFIC.

1. CONTAINER ADRIFT VICINITY 25-19N 134-06E
AT 210600Z JUL.
2. CANCEL HYDROPAC 965/04(63) AND 1014/04(63).
3. CANCEL THIS MSG 30 JUL.

(230827Z JUL 2004)

1196/04 thru 1198/04. CANCELED.

1199/04(74). TORRES STRAIT.

1. DERELICT F/V SINKING IN 10-26S 141-49E AT 241050Z JUL.
2. CANCEL THIS MSG 31 JUL.

(241625Z JUL 2004)

1200/04. CANCELED.

1201/04(63). INDIAN OCEAN.

1. DERELICT M/V SETIA JAYA, ADRIFT
IN 02-41.2N 085-14.1E AT 240831Z JUL.
2. CANCEL HYDROPAC 1196/04.
3. CANCEL THIS MSG 01 AUG.

(250026Z JUL 2004)

1202/04 thru 1204/04. CANCELED.

SECTION III

1205/04(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0330Z TO 1530Z DAILY
27 AND 30 JUL 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 HYDROPAC 1202/04.
3. CANCEL THIS MSG 301630Z JUL.

(260429Z JUL 2004)

1206/04. CANCELED.

1207/04(62). PERSIAN GULF.

PIPELAYING OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE
BY BARGE DB-27 FROM RAS LAFFAN SHORE TO 26-12-36N 51-37-81E.
WIDE BERTH REQUESTED.

(261201Z JUL 2004)

1208/04(81,92). PHILIPPINE SEA.

CHART 81001 (1ST ED).
ODAS BUOY ESTABLISHED IN 07-58.8N 130-02.1E.

(261215Z JUL 2004)

1209/04(GEN). GPS SATELLITE SYSTEM.

1. PRN 09 UNUSABLE 291200Z TO 300001Z JUL.
2. CANCEL THIS MSG 300101Z JUL.

(261247Z JUL 2004)

1210/04. CANCELED.

1211/04(63). INDIA-WEST COAST. ROCKETS.

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

(262038Z JUL 2004)

1212/04(63). INDIA-EAST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 1130Z TO 1630Z DAILY
27 THRU 29 JUL IN AREA BOUND BY
17-40N 085-00E, 18-04N 084-35E,
18-38N 085-20E, 18-15N 085-40E.
2. CANCEL THIS MSG 291730Z JUL.

(262158Z JUL 2004)

1213/04(22). SOUTH PACIFIC. HAZARDOUS OPERATIONS.

1. SATELLITE RE-ENTRY 301000Z TO 301200Z JUL
IN AREA BOUND BY
52-43S 103-41W, 46-59S 140-38W, 40-02S 154-34W,
35-58S 155-28W, 43-02S 142-49W, 50-10S 095-51W.
2. CANCEL THIS MSG 301300Z JUL.

(270110Z JUL 2004)

1214/04(63). ARABIAN SEA.

1. VESSEL CAPSIZED IN 24-40N 066-05E.
NINE PERSONS REMAIN MISSING.
VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT.
ASSIST IF POSSIBLE. REPORTS
TO ANY COASTAL RADIO STATION.
2. CANCEL HYDROPAC 1198/04(62).

(270857Z JUL 2004)

1215/04(63). INDIA-WEST COAST.

CHART 63200 (5TH ED).
RACON (G) ESTABLISHED AT BEYPORE LIGHT 11-09.5N 75-48.5E.

(271154Z JUL 2004)

1216/04(93). SOUTH CHINA SEA.

1. SEISMIC SURVEY IN PROGRESS UNTIL 10 SEP
BY M/V NORDIC EXPLORER TOWING THREE MILE
LONG CABLE IN AREA BETWEEN 10-20N 10-52N
AND 108-19E 108-49E.
2. CANCEL THIS MSG 11 SEP.

(271640Z JUL 2004)

1217/04. CANCELED.

SECTION III

NM 33/04

1218/04(95). YELLOW SEA. GUNNERY.

1. GUNNERY EXERCISES 0001Z TO 1300Z DAILY 02 THRU 07,
09 THRU 14, 16 THRU 21, 23 THRU 28, 30 AND 31 AUG
IN AREA BOUND BY
36-35N 125-36E, 36-35N 124-50E,
37-06N 124-50E, 37-10N 125-36E.
2. CANCEL THIS MSG 311400Z AUG.

(280447Z JUL 2004)

1219/04(71). MALACCA STRAIT. GUNNERY.

1. GUNNERY EXERCISES 0001Z TO 1601Z DAILY 02 THRU 07,
09 THRU 14, 16 THRU 21, 23 THRU 28, 30 AND 31 AUG
IN AREA BOUND BY
04-14N 100-17E, 04-33N 099-48E, 04-53N 100-06E.
2. CANCEL THIS MSG 311701Z AUG.

(280456Z JUL 2004)

1220/04(95). YELLOW SEA. GUNNERY.

1. GUNNERY EXERCISES 0001Z TO 1300Z DAILY 02 THRU 07,
09 THRU 14, 16 THRU 21, 23 THRU 28, 30 AND 31 AUG
IN AREA BETWEEN 36-05N 36-35N AND
124-50E 125-42E.
2. CANCEL THIS MSG 311400Z AUG.

(280512Z JUL 2004)

1221/04(95). SEA OF JAPAN. GUNNERY.

1. GUNNERY EXERCISES 0001Z TO 1300Z DAILY 02 THRU 07,
09 THRU 14, 16 THRU 21, 23 THRU 28, 30 AND 31 AUG
IN AREA BOUND BY
38-08N 129-51E, 38-08N 130-10E,
37-39N 130-10E, 37-42N 129-51E.
2. CANCEL THIS MSG 311400Z AUG.

(280517Z JUL 2004)

1222/04(95). YELLOW SEA. GUNNERY.

1. GUNNERY EXERCISES 0001Z TO 1300Z DAILY 02 THRU 07,
09 THRU 14, 16 THRU 21, 23 THRU 28, 30 AND 31 AUG
IN AREA BETWEEN 34-50N 35-15N AND
124-50E 125-42E.
2. CANCEL HYDROFAC 1217/04.
3. CANCEL THIS MSG 311400Z AUG.

(280525Z JUL 2004)

1223/04(82). SOUTH PACIFIC.

SIX METER VESSEL MEOSONG, SEVEN PERSONS ON BOARD,
UNREPORTED GLOUSTER (05-26S 148-25E) TO
LABLAB ISLAND (05-04S 148-04E). VESSELS IN VICINITY
REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF
POSSIBLE. REPORTS TO RCC AUSTRALIA, TELEX: 7162025,
PHONE: 612 6230 6811, FAX: 612 6230 6868.

(280819Z JUL 2004)

1224/04(81). NORTH PACIFIC. MISSILES.

1. HAZARDOUS OPERATIONS 0645Z TO 1215Z DAILY
02 THRU 07 AUG IN AREAS BOUND BY:
A. 009-24N 167-28E, 012-36N 163-37E,
008-12N 162-00E.
B. 009-24N 167-28E, 013-00N 169-56E,
013-45N 167-41E.
2. CANCEL THIS MSG 071315Z AUG.

(280832Z JUL 2004)

1225/04(95). SEA OF JAPAN. GUNNERY.

1. GUNNERY EXERCISES 0001Z TO 1300Z DAILY
02 THRU 07, 09 THRU 14, 16 THRU 21,
23 THRU 28, 30 AND 31 AUG IN AREA BOUND BY
38-25N 128-45E, 38-25N 129-30E, 38-10N 129-30E,
38-10N 129-00E, 38-17N 129-00E, 38-17N 128-45E.
2. CANCEL THIS MSG 311400Z AUG.

(281053Z JUL 2004)

1226/04(91). SOUTH CHINA SEA. GUNNERY.

1. GUNNERY EXERCISES 29 AND 30 JUL IN AREA BETWEEN
14-06N 14-14N AND 120-10E 120-20E.
2. CANCEL THIS MSG 31 JUL.

(281102Z JUL 2004)

SECTION III

1227/04(71,93). SOUTH CHINA SEA.

1. SEISMIC SURVEY IN PROGRESS UNTIL 20 SEP
BY M/V VERITAS SEARCHER TOWING 4600 METER
LONG CABLE IN AREAS BOUND BY:
A. 05-31.2N 109-59.0E, 06-18.2N 109-38.6E,
07-07.8N 111-34.0E, 05-31.2N 113-14.0E.
B. 05-46.4N 114-20.0E, 07-58.9N 112-12.1E,
08-23.8N 112-30.8E, 08-44.4N 113-16.3E,
08-33.9N 113-39.0E, 08-24.4N 113-47.8E,
08-24.4N 113-52.4E, 08-23.8N 114-19.8E,
08-30.3N 114-29.2E, 08-28.2N 114-50.2E,
08-55.0N 115-10.6E, 08-49.1N 115-38.8E,
08-19.9N 115-54.1E, 08-01.5N 116-03.5E,
07-40.0N 116-00.0E, 07-35.0N 116-00.0E.
2. CANCEL THIS MSG 21 SEP.

(281117Z JUL 2004)

1228/04(83). SOUTH PACIFIC. GUNNERY.

1. GUNNERY EXERCISES 021930Z TO 022230Z AUG
IN AREA BOUND BY 17-13S 149-56W, 17-10S 149-35W,
16-42S 149-35W, 16-50S 149-54W.
2. CANCEL THIS MSG 022330Z AUG.

(281126Z JUL 2004)

1229/04(95). YELLOW SEA. GUNNERY.

1. GUNNERY EXERCISES 0001Z TO 1300Z DAILY
02 THRU 07, 09 THRU 14, 16 THRU 21,
23 THRU 28, 30 AND 31 AUG IN AREA BOUND BY
36-35.0N 125-36.0E, 36-35.0N 124-50.0E,
37-06.0N 124-50.0E, 37-10.2N 125-36.0E.
2. CANCEL THIS MSG 311400Z AUG.

(281443Z JUL 2004)

1230/04(94). EAST CHINA SEA.

1. DERELICT 21 METER VESSEL ADRIFT
IN 25-50N 121-16E AT 271030Z JUL.
2. CANCEL THIS MSG 04 AUG.

(281511Z JUL 2004)

1231/04(75). AUSTRALIA-NORTHWEST COAST.

CHART 74521 (3RD ED).
EXMOUTH DPGS STATION 21-53.1S 114-08.0E INOPERATIVE.

(290556Z JUL 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), by referring to Section I (paragraph 50) of US Notice to Mariners 1/04 for those in-force as of 18 December 2003, or by contacting the Maritime Administration Office of Ship Operations, Code MAR-613, Room 2123, 400 Seventh Street S.W., Washington DC 20590, Telephone (202) 366-5735, FAX (202) 366-3954, TLX II 710-822-9426 (MARAD DOT WSH).

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

SPECIAL WARNINGS

SPECIAL WARNINGS, primarily intended to announce official government proclamations affecting shipping, are broadcast as needed. They are numbered consecutively and further promulgated in the Notice to Mariners.

The text of all in-force SPECIAL WARNINGS may be obtained by accessing the NGA Maritime Safety Information website (http://164.214.12.145/warn/warn_j_query.html) or by referring to Section I (paragraph 7) of US Notice to Mariners 1/04 for those in-force as of 18 December 2003.

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

MARINE INFORMATION**NOAA CHART NEW EDITIONS AND THEIR AVAILABILITY**

NOAA recognizes two paper nautical chart products:

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

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

This week's new edition released by NOAA is listed below:

11321	30 th Ed. Jul 2004 NEW EDITION TX-SAN LUIS PASS TO EAST MATAGORDA BAY (New edition due to numerous Notice to Mariner changes and hydrographic changes.)	NAD 83	(NOS Silver Spring, MD) 1:80,000/LORAN-C
11439	26 th Ed. Jul 2004 NEW EDITION FL-SAND KEY TO REBECCA SHOAL (New edition due to hydrographic changes.)	NAD 83	(NOS Silver Spring, MD) 1:80,000/LORAN-C
16467	2 nd Ed. Jul 2004 NEW EDITION AK-ALEUTIAN ISLANDS-ANDREANOF ISLANDS-ADAK ISLAND TO TANAGA ISLAND (New edition due to change in format.)	NAD 83	(NOS Silver Spring, MD) 1:100,000

UNITED STATES OF AMERICA NOTICE TO MARINERS CHANGE IN DISTRIBUTION

The National Geospatial-Intelligence Agency (NGA) is in the midst of a hard copy to digital transition program. NGA has statutory requirements to produce and make available safety of navigation data and will continue to meet this obligation to the mariner. The weekly Notice to Mariners is available free of charge to all customers through the Internet on our website. Beginning with Notice to Mariners No. 1, 2005 NGA will no longer print and distribute hard copy versions of this weekly product.

The digital version of the weekly Notice to Mariners is available on the Maritime Safety Information website at <http://pollux.nss.nga.mil/> or through the NGA home page (www.nga.mil). All of the information and data contained in the hard copy Notice is also available on this website. Customers can rely on the same quality of data that the Notice to Mariners provides to the civil and military mariner with the advantages afforded by the Internet. Customers can access daily navigational safety updates and not be hampered by weekly mail deliveries of the hard copy Notice.

UNITED STATES OF AMERICA NOTICE TO MARINERS VIA E-MAIL

To subscribe to the US Notice to Mariners via e-mail, go to <http://pollux.nss.nga.mil>. Then click on the "Subscribe to the US Notice to Mariners Via E-mail" link, which is located halfway down the page.

Upon subscribing successfully the US Notice to Mariners will be e-mailed to the requesting address every weekend, with the following limitations:

The notice sent via e-mail is listed on the Maritime Safety Information (MSI) Website in the "Notice to Mariners" section as "Entire NtM". Graphics provided in this version are inadequate for navigation purposes. Navigation-quality chartlets are available for download on the MSI website as needed.

Many networks and e-mail applications have restrictions on file sizes for e-mail attachments. In order to ensure all notices are received, the limit on file sizes for the receiving account should be changed to 2.5 Mb. Contact your system administrator or help desk for more assistance.

SECTION III

In order to subscribe, the customer must be logged into the e-mail account to which they wish the notice sent. When the hyperlink below is selected, an e-mail window is generated with the “To” and “From” addresses filled out. The “Subject” and “Body” will be blank. Selecting “Send” subscribes the user to the e-mailed Notice to Mariners.

Instructions to unsubscribe from the notice are included in each Notice to Mariners e-mail.

MARINE INFORMATION REPORT AND SUGGESTION SHEET INSTRUCTIONS

We value your suggestions to improve our products. The Marine Information Report and Suggestion Sheet is provided for users to submit corrective information. Please be complete and accurate in your description/suggestion and include the information as detailed below:

Observer: name(s) of person(s) making observation and rank, rate or title.

Ship/Organization: name of vessel or organization.

Address: complete mailing address. Also include telephone number, fax, and/or e-mail address, if available, in case clarification is required.

Date of Observation: day, month and year at which the observation was made.

Time of Observation: local time at which the observation was made.

Latitude/Longitude: exact position of the observation expressed as accurately as possible.

Datum: horizontal datum to which the observed position is referred (e.g. WGS, NAD83, local foreign datum, etc.).

Navigation System: method used to determine the position of the observation (e.g. radar, GPS, Loran, etc.).

Include details about the equipment used, if deemed pertinent.

Verified by Navigator: indicate whether observation was verified by navigator.

Product(s) Affected: product number(s) and/or name(s) to which the observation applies (e.g. Chart 62400, Sailing Directions Pub. 127, etc.).

Edition: edition number and/or year of affected product.

Latest correction applied: the latest Notice to Mariners to which your copy of affected product has been corrected.

Sounding sensor or method used: equipment or method used to collect soundings. When reporting soundings, please provide an annotated echogram, if available, for verification.

Soundings corrected for draft: indicate whether soundings have been corrected for vessel's draft. If not, please include observed draft along with the details of information reported.

Details of Information Reported: use this space to provide details of the observation/suggestion. When referring to a charted feature, please describe it exactly as it appears on the chart. When referring to a publication, please indicate page number(s) and line number(s) or station number(s) as applicable. Use additional sheets as necessary and include diagrams, photocopies of the product(s) involved and/or photographs to describe observations in greater detail. If possible, include the designation, point of contact, telephone number, fax number and/or e-mail address of the local port authority to enable NGA to update our records and obtain additional or later information.

User Feedback: use this space to provide feedback and suggestions for improving NGA products and services.

Please detach, fold and mail the pre-addressed form and include any other relevant material or supporting information.

Reports which present an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. In general, these hazards would include major aids to navigation anomalies, discovery of obstructions or shoals with depths of less than 30 meters, floating dangers to shipping, and any situation deemed critical to safety of life at sea. For further information consult Notice to Mariners No. 1, paragraph 44 (Worldwide Navigational Warnings Service).

Due to the large volume of information received, NGA cannot acknowledge receipt of every report. Some reports containing useful data are filed for use in the compilation of the next edition of the affected product. Others confirm or clarify previously reported information. Echogram traces are digitized and become part of our Bathymetric Database. Acknowledgment is made by inclusion in the Observer's List of the Notice to Mariners (page ii), or in some cases by letter from the Agency involved.

For additional information about various Hydrographic Reports, consult The American Practical Navigator (Chapter 30).

MARINE INFORMATION REPORT AND SUGGESTION SHEET

Observer _____ Ship/Organization _____

Address _____

Email address

Date of Observation _____ Time of Observation (Local)_____

Latitude _____ Longitude _____ Datum _____

Navigation System _____ Verified by Navigator: Yes _____ No _____

Product(s) Affected _____ Edition _____

Latest correction applied: N.M. _____

Sounding sensor or method used

Sounding(s) corrected for draft: Yes No

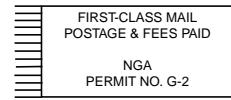
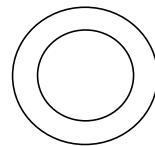
Details of Information Reported (continue on additional sheets as necessary) _____

www.nature.com/scientificreports/

User Feedback (continue on additional sheets as necessary)



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



ARCTIC MARITIME SAFETY INFORMATION REPORT SHEET

Observer _____

Ship/Organization _____

Phone _____ Email Address_____

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

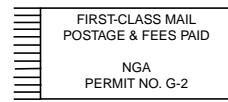
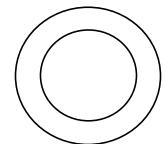
Depth water column is occupied (e.g. "bottom to surface", "surface to 500m"): _____

If observed, Date _____ Time (Local) _____

Verified by Navigator: Yes No

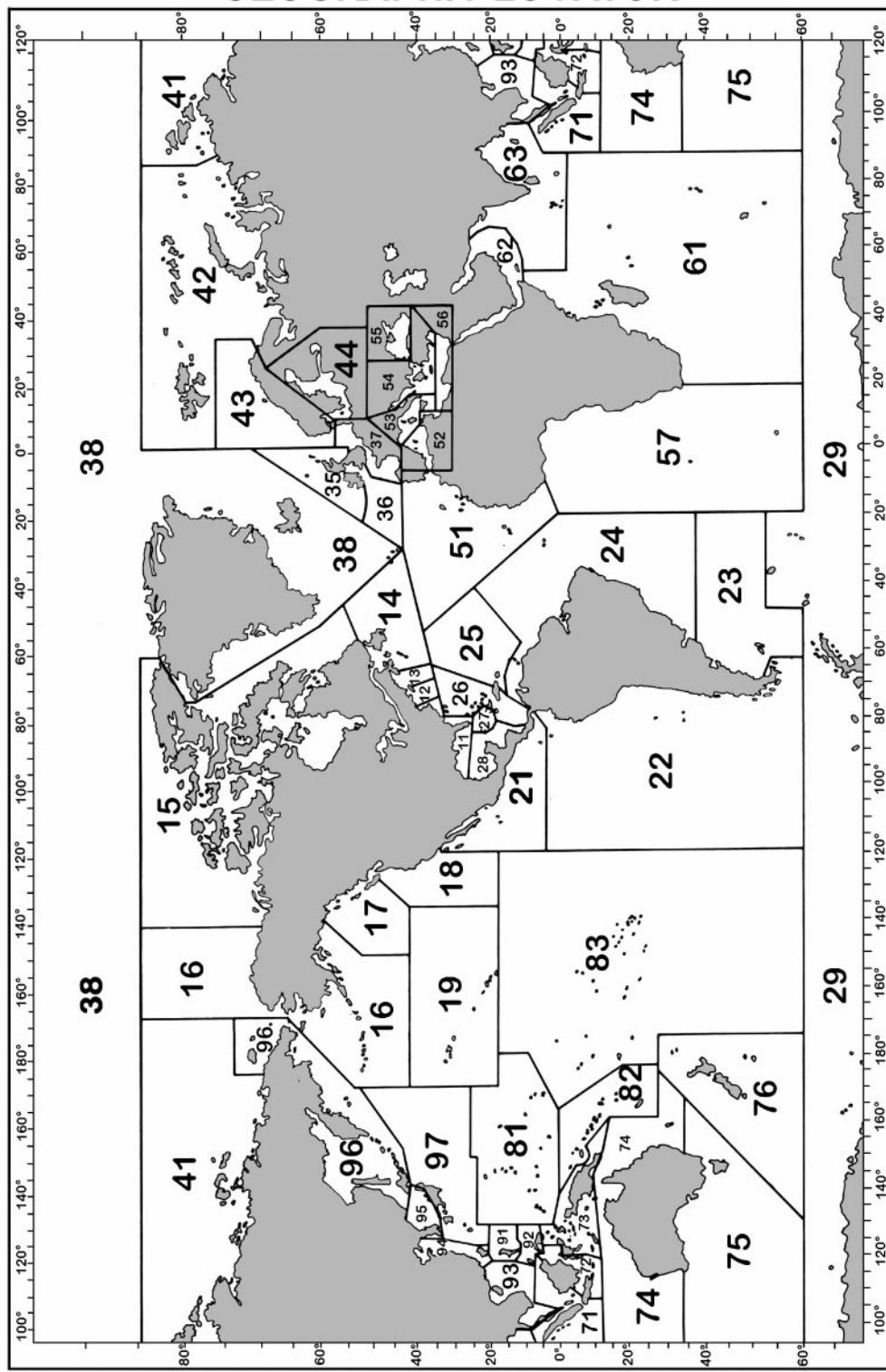
Sounding(s) corrected for draft: Yes _____ No _____

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



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

GEOGRAPHIC LOCATOR



For chart numbering purposes, the world is divided into nine regions, each corresponding to the geographic limits of one of the nine regions in the NGA Catalog of Maps, Charts, and Related Products, Part 2-Hydrographic Products, Volume 1. Each Region is further subdivided into the numbered Subregions in the above graphic. The first two digits of all five-digit chart numbers indicate the geographic subregion to which the chart pertains. Users can locate corrections in this Notice for charts of their immediate interest by determining the two-digit 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

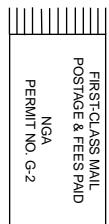
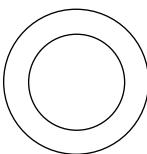
ATTN: JNAH

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