



No. 24  
14 JUNE 2003



UNITED STATES OF AMERICA

# NOTICE TO MARINERS



Published Weekly by the  
National Imagery and Mapping Agency

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

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



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## IMPORTANT INFORMATION

The Notice to Mariners is published by the National Imagery and Mapping Agency (NIMA), 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 NIMA in matters affecting the status and boundaries of States and territories. The Notice to Mariners presents corrective information affecting charts, NIMA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NIMA List of Lights, Radio Navigational Aids and other products produced by the National Imagery and Mapping Agency, National Ocean Service and U.S. Coast Guard.

Information for the Notice to Mariners is contributed by the following Agencies: National Imagery and Mapping Agency (NIMA) (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 Transportation), 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 NIMA 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	301-227-5006	287-5006	301-227-5745
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.nima.mil>). For your convenience NIMA provides three e-mail addresses. For information affecting Notice to Mariners use [NavNotices@nima.mil](mailto:NavNotices@nima.mil), for information affecting Sailing Directions and all other navigational publications use [SDPUBS@nima.mil](mailto:SDPUBS@nima.mil), for information concerning the Maritime Safety Information Website, use [webmaster\\_nss@nima.mil](mailto:webmaster_nss@nima.mil).

Mariners are requested to notify NIMA 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>
QM1(SW) Sean Macphee	USS DEFENDER
Second Officer John P. Yegge	M/V MERLIN
QM3 Elwood	UNITED STATES NAVAL ACADEMY

**Cover Photo:** The **USS HUE CITY (CG-66)** the first United States Ship to bear this name and only ship named after a battle in the Vietnam War, is the twentieth in the **TICONDEROGA** class of Aegis guided missile cruisers and the fourteenth to be built by Ingalls Shipbuilding in Pascagoula, Mississippi. Her mission is to conduct prompt and sustained combat operations at sea in support of a carrier battle group or amphibious assault group. **HUE CITY** was designed to defend against coordinated saturation attacks involving enemy surface ships, submarines, aircraft and missiles. Additionally, **HUE CITY** is able to engage in offensive actions against the enemy through employment of long-range anti-ship missiles, land attack missiles and gunfire. Commissioned 14 September 1991, the **HUE CITY** has a displacement of 9600 tons fully loaded, is 567 feet long, has a beam of 55 feet and a draft of 34 feet. She carries a crew of 340 Sailors, 27 Chief Petty Officers and 33 Officers. The homeport of the **USS HUE CITY** is Mayport, Florida.

INFORMATION  
OF  
SPECIAL INTEREST  
OR  
IMPORTANCE  
TO  
MARINERS

NM 24/03

# HYDROGRAM

**National Imagery and Mapping Agency  
Bethesda, MD 20816-5003**

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

**14 June 2003**

## **NEW EDITION OF LIST OF LIGHTS**

PUB. 116, 2003 EDITION, LIST OF LIGHTS, RADIO AIDS AND FOG SIGNALS FOR THE BALTIC SEA WITH KATTEGAT, BELTS AND SOUND AND GULF OF BOTHNIA, IS READY FOR ISSUE. SEE SECTIONS II AND III.

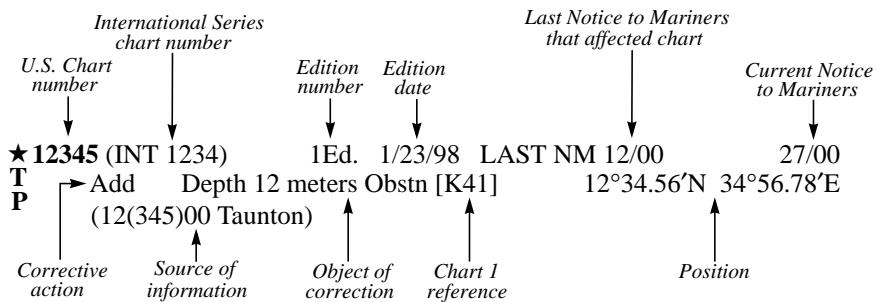
## **NEW EDITION OF SAILING DIRECTIONS**

PUB. 158, SAILING DIRECTIONS (ENROUTE) JAPAN, VOLUME I, EIGHTH EDITION, 2003, IS READY FOR ISSUE. THIS EDITION IS PRODUCED BY NIMA IN DIGITAL FORMAT ONLY. SEE SECTIONS II AND III.

## EXPLANATION OF CONTENTS

The Notice to Mariners contains corrective information affecting nautical charts, the NIMA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NIMA 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 NIMA 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 NIMA 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 NIMA List of Lights.

**Section II-5** lists all NIMA, NOS and USCG navigation publications which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the publication's announcement.

**Section III-1** lists the message number of all in-force Navigational Warnings, and the text of those warnings promulgated during the previous week. Notice to Mariners Nos. 13, 26 and 39 list a summary of all in-force Navigational Warnings for the preceding quarter. Notice to Mariners No. 52 lists a complete summary of all in-force Navigational Warnings.

**Section III-2** contains miscellaneous information of particular interest to the maritime community.

\*The left-hand pages of these sections are intentionally blank.

**SECTION I  
CHART CORRECTIONS**

<b>301</b> (INT 301) 1Ed. 3/2/85 LAST NM 21/03 Delete R Bn at light (14/03 Genova)	24/03 44°24'N 8°54'E	<b>11302</b> 29Ed. 6/02 LAST NM 16/03 <b>(Side B)</b> Change Range light, front to QG 25ft, QG 27ft 3M 26°02'16.5"N 97°12'43.3"W Range light, front to Q 33ft, Q 35ft 5M 26°01'27.2"N 97°14'36.8"W Light to "33" Fl G 4s 17ft 4M 26°01'22.5"N 97°14'35.0"W Range light, front to QR 25ft, QR 27ft 3M 26°00'52.5"N 97°15'45.9"W Light to "40" Fl R 4s 17ft 4M 25°58'49.3"N 97°19'26.2"W Range light, front to QG 25ft, QG 27ft 3M 25°58'43.3"N 97°19'22.1"W Range light, front to Q 25ft, Q 27ft 5M 25°58'28.0"N 97°19'56.7"W	24/03
<b>310</b> 20Ed. 12/29/79 LAST NM 21/03 Delete R Bn at light (14/03 Genova)	24/03 44°24'N 8°54'E		
<b>411</b> 49Ed. 3/03 LAST NM 23/03 Change Light to Fl 20s 136ft 28M (14/03 CG7)	24/03 26°16'N 80°05'W		
<b>501</b> (INT 801) 12Ed. 11/02 LAST NM 22/03 Delete R Bn at light (Can LL)	24/03 49°23'N 126°33'W	Range light, front to Fl 2.5s 47ft (Day), Fl G 2.5s 45ft (Night) 25°57'02.7"N 97°24'11.3"W	
<b>530</b> 30Ed. 3/23/02 LAST NM 22/03 Delete R Bn at light (Can LL)	24/03 49°23'N 126°33'W	Range light, rear to Oc 4s 95ft (Day), Oc G 4s 98ft (Night) 25°56'20.5"N 97°26'10.1"W (See 34/02-11302)	
<b>531</b> 21Ed. 2/2/02 LAST NM 21/03 Delete R Bn at light (Can LL)	24/03 49°23'N 126°33'W		
<b>1115A</b> Ed. 10/02 LAST NM 23/03 Add Platform [L10] with Racon (-••-) [S3.1]	24/03 29°19.6'N 88°52.6'W Note: Submerged well (cov 16fms) and buoy close N remain Dashed-line circle "Obstns" (PA) marked by buoys (2), each W, Fl 4s (Navy maintd) (16/03 CG8)	30°02.9'N 86°35.6'W	
<b>1116A</b> Ed. 11/02 LAST NM 23/03 Delete Danger circle "Obstn" (PA) (See 23/03-1116A)	24/03 28°50.7'N 90°18.5'W		
Add Danger circle "Obstn" [K40] (PA) (15/03 CG8)	28°50.9'N 90°17.8'W		
<b>11004</b> 7Ed. 10/29/94 LAST NM 23/03 Add Platform [L10] with Racon [S3.1] (16/03 CG8)	24/03 29°19.6'N 88°52.6'W		
<b>11006</b> 30Ed. 4/20/02 LAST NM 23/03 Add Platform [L10] with Racon (-••-) [S3.1]	24/03 29°19.6'N 88°52.6'W Dashed-line circle "Obstns" (PA) marked by buoys (2), each W, Fl 4s (Navy maintd) (16/03 CG8)	30°02.9'N 86°35.6'W	
<b>11013</b> 44Ed. 1/19/02 LAST NM 23/03 Change Light to Fl 20s 136ft 28M (Supersedes 50/02-11013) (14/03 CG7)	24/03 26°15.5'N 80°05.0'W		
<b>★11301</b> 23Ed. 9/8/01 LAST NM 16/03 Change Range light, front to QG 25ft, QG 27ft 3M 26°02'17"N 97°12'43"W Range light, front to Q 33ft, Q 35ft 5M 26°01'27"N 97°14'36"W Light to "33" Fl G 4s 4M 26°01'23"N 97°14'36"W Range light, front to QR 25ft, QR 27ft 3M 26°00'53"N 97°15'46"W Light to "40" Fl R 4s 17ft 4M 25°58'50"N 97°19'26"W Range light, front to QG 25ft, QG 27ft 3M 25°58'43"N 97°19'22"W Range light, front to Q 25ft, Q 27ft 5M 25°58'29"N 97°19'57"W Range light, front to Fl 2.5s 47ft (Day), Fl G 2.5s 45ft (Night) 25°57'03"N 97°24'12"W Range light, rear to Oc 4s 95ft (Day), Oc G 4s 98ft (Night) 25°56'21"N 97°26'10"W (15/03 CG8)	24/03 26°02'17"N 97°12'43"W 26°01'27"N 97°14'36"W 26°01'23"N 97°14'36"W 26°00'53"N 97°15'46"W 25°58'50"N 97°19'26"W 25°58'43"N 97°19'22"W 25°58'29"N 97°19'57"W 25°57'03"N 97°24'12"W 25°56'21"N 97°26'10"W		
<b>11302</b> 29Ed. 6/02 LAST NM 16/03 <b>(Side B)</b> Change Range light, front to QG 25ft, QG 27ft 3M 26°02'16.5"N 97°12'43.3"W Range light, front to Q 33ft, Q 35ft 5M 26°01'27.2"N 97°14'36.8"W Light to "33" Fl G 4s 17ft 4M 26°01'22.5"N 97°14'35.0"W Range light, front to QR 25ft, QR 27ft 3M 26°00'52.5"N 97°15'45.9"W Light to "40" Fl R 4s 17ft 4M 25°58'49.3"N 97°19'26.2"W Range light, front to QG 25ft, QG 27ft 3M 25°58'43.3"N 97°19'22.1"W Range light, front to Q 25ft, Q 27ft 5M 25°58'28.0"N 97°19'56.7"W	24/03 26°02'16.5"N 97°12'43.3"W 26°01'27.2"N 97°14'36.8"W 26°01'22.5"N 97°14'35.0"W 26°00'52.5"N 97°15'45.9"W 25°58'49.3"N 97°19'26.2"W 25°58'43.3"N 97°19'22.1"W 25°58'28.0"N 97°19'56.7"W		
<b>★11307</b> 36Ed. 9/22/01 LAST NM 22/03 Delete Platform (NTM0002/2003)	24/03 27°42'36"N 96°51'33'W		
<b>★11309</b> 36Ed. 1/12/02 LAST NM 22/03 Change Height of range light, front to 17ft 27°52'31.8"N 97°15'01.0"W			
Add Visibility (range) 3M to light "17" (15/03 CG8)	27°52'24.5"N 97°15'08.3'W		
<b>11318</b> 1Ed. 10/2/99 LAST NM N6/03 Change Height of range light, front to 17ft (15/03 CG8)	N24/03 27°52'31.2"N 97°15'01.0'W		
<b>11320</b> 1Ed. 9/25/99 LAST NM N23/03 Delete Platform (NTM0002/2003)	N24/03 27°42'36"N 96°51'36'W		
<b>11326</b> 31Ed. 10/02 LAST NM 23/03 <b>(Page A)</b> Change Range light, front to QG 30ft, QG 32ft 5M 29°35'34"N 94°56'50'W	24/03 29°35'34"N 94°56'50'W		
Change Range light, front to Fl 2.5s 42ft (DAY), Fl G 2.5s 39ft (NIGHT), Fl G 2.5s 55ft 4M 29°30'29.8"N 94°52'21.9'W			
Change Range light, front to Fl 2.5s 42ft (DAY), Fl G 2.5s 39ft (NIGHT), Fl G 2.5s 55ft 4M 29°30'30"N 94°52'22'W (15/03 CG8)			
<b>★11327</b> 30Ed. 5/26/01 LAST NM 22/03 Change Range light, front to Fl 2.5s 42ft (DAY), Fl G 2.5s 39ft (NIGHT), Fl G 2.5s 55ft 4M 29°30'29.8"N 94°52'21.9'W	24/03 29°30'29.8"N 94°52'21.9'W		
Range light, front to QG 30ft, QG 32ft 5M 29°35'34.2"N 94°56'49.8'W (15/03 CG8)			
<b>11340</b> 67Ed. 11/02 LAST NM 23/03 Delete Danger circle "Obstn" (PA) (See 23/03-11340)	24/03 28°50.7'N 90°18.5'W		
Add Danger circle "Obstn" [K40] (PA) (15/03 CG8)	28°50.9'N 90°17.8'W		
<b>★11342</b> 51Ed. 9/30/00 LAST NM 23/03 Add Position circle "Pile" (awash) [K43.1] (PA) 29°46'16.2"N 93°55'51.0'W (16/03 CG8)	24/03 29°46'16.2"N 93°55'51.0'W		

## SECTION I

<b>11352</b>	36Ed. 11/02 LAST NM 22/03 Delete Light "6" Buoy "2"	24/03 29°04.2'N 90°47.2'W 29°04.0'N 90°47.7'W	Light "142" from 30°02'07.7"N 90°37'22.5"W to 30°02'11.0"N 90°37'19.6"W
	Add Light "2" Fl R 2.5s 17ft 4M (15/03 CG8)	29°04.1'N 90°47.7'W	Light "144" from 30°02'28.3"N 90°37'51.0"W to 30°02'28.3"N 90°37'48.0"W
<b>*11357</b>	35Ed. 6/02 LAST NM 23/03 Delete Light "6" Buoy "2" Danger circle "Obstn" (PA) (Supersedes 23/03-11357)	24/03 29°04'14"N 90°47'13"W 29°03'56"N 90°47'39"W 28°50'42"N 90°18'33"W	Light "154" from 30°00'58.8"N 90°46'38.8"W to 30°00'57.7"N 90°46'42.0"W (16/03 CG8)
	Add Danger circle "Obstn" [K40] (PA) Light "2" Fl R 2.5s 17ft 4M (15/03 CG8)	28°50'55"N 90°17'50"W 29°04'04"N 90°47'40"W	
<b>11360</b>	40Ed. 10/02 LAST NM 23/03 Add Platform [L10] with Racon (-••-) [S3.1]	24/03 29°19.6'N 88°52.6'W Note: Submerged well (cov 16fms) and buoy close N remain	
		Dashed-line circle "Obsts" (PA) marked by buoys (2), each W, Fl 4s (Navy maintd) (16/03 CG8)	30°02.9'N 86°35.6'W
<b>*11361</b>	70Ed. 4/03 LAST NM 23/03 Relocate Light (F 48ft) from 29°07'49"N 89°15'24"W to 29°07'46"N 89°15'25"W	24/03	
		Light "5" from 28°59'39"N 89°08'33"W to 28°59'39"N 89°08'31"W	
	Substitute Depth 31 feet Obstn [K41] "Rep (2003)" (PA) for 31 feet	28°53'03"N 89°26'10"W	
	Depth 23 feet Obstn [K41] "Rep (2003)" (PA) for 23 feet	28°53'28"N 89°26'10"W	
	Add Racon (-••-) [S3.1] to platform	29°19'33"N 88°52'37"W	
	<b>(Inset Head of Passes)</b> Relocate Range light, rear from 29°07'48.8"N 89°15'24.0"W to 29°07'46.1"N 89°15'25.2"W		
	Note: Range bearing unchanged		
	<b>(Inset Southwest Pass)</b> Substitute Depth 31 feet Obstn [K41] "Rep (2003)" (PA) for 31 feet	28°53'03.5"N 89°26'09.7"W	
	Depth 23 feet Obstn [K41] "Rep (2003)" (PA) for 23 feet	28°53'28.5"N 89°26'09.9"W	
	<b>(Inset South Pass)</b> Relocate Light "5" from 28°59'39.6"N 89°08'32.8"W to 28°59'38.5"N 89°08'30.7"W (14-16/03 CG8)		
<b>11362</b>	4Ed. 6/10/00 LAST NM N23/03 Add Platform [L10] with Racon [S3.1]	N24/03 29°19.6'N 88°52.6'W	
	Dashed-line circle "Obsts" (PA) marked by buoys (2), each W, Fl 4s (Navy maintd)	30°02.9'N 86°35.6'W (16/03 CG8)	
<b>11363</b>	38Ed. 3/30/02 LAST NM 22/03 Add Racon (-••-) [S3.1] to platform (See 51/02-11363) (16/03 CG8)	24/03 29°19'34"N 88°52'37"W	
<b>11366</b>	7Ed. 9/02 LAST NM 23/03 Add Platform [L10] with Racon (-••-) [S3.1]	24/03 29°19.6'N 88°52.6'W (16/03 CG8)	
<b>*11370</b>	23Ed. 9/22/01 LAST NM 23/03 <b>(Side A)</b> Relocate Light "132" from 30°02'00.0"N 90°28'10.8"W to 30°01'57.9"N 90°28'09.1"W	24/03	
<b>11371</b>	35Ed. 9/15/01 LAST NM 7/03 Add Light "65" Fl G 2.5s (14/03 CG8)	24/03 30°20'56"N 89°05'08"W	
<b>11372</b>	30Ed. 11/02 LAST NM 23/03 <b>(Side A)</b> Change Range light, front to Q 39ft (DAY), Q 37ft (NIGHT), Q 40ft 5M	24/03 30°12'10.0"N 89°00'00.2"W	
		Range light, rear to Oc 4s 117ft (Night), Oc 4s 115ft (Day), Fl 4s 43ft 6M 30°14'34.1"N 89°01'59.5"W (14, 16/03 CG8)	
<b>*11373</b>	42Ed. 6/02 LAST NM 23/03 Relocate Light "54" from 30°19'06"N 89°03'18"W to 30°19'05"N 89°03'16"W	24/03	
		Light "3" from 30°14'55"N 88°25'33"W to 30°14'52"N 88°25'32"W	
	Change Range light, front to Q 39ft (DAY), Q 37ft (NIGHT), Q 40ft 5M	30°12'09"N 89°00'00"W	
		Range light, rear to Oc 4s 117ft, Oc 4s 115ft, Fl 4s 43ft 6M 30°14'34"N 89°02'00"W	
		Height of light "2" to 17ft (See 31/02-11373) (14-16/03 CG8)	30°15'19"N 88°36'15"W
<b>11374</b>	31Ed. 8/02 LAST NM 23/03 <b>(Side A)</b> Relocate Light "3" from 30°14'54.3"N 88°25'32.3"W to 30°14'51.8"N 88°25'32.3"W	24/03	
	Change Height of light "2" to 17ft (14, 15/03 CG8)	30°15'15.0"N 88°36'14.2"W	
<b>*11375</b>	35Ed. 8/02 LAST NM 23/03 Change Height of light "2" to 17ft (14/03 CG8)	24/03 30°15'19.0"N 88°36'14.2"W	
<b>*11376</b>	48Ed. 12/1/01 LAST NM 23/03 Substitute Depth 36 feet Obstn [K41] "Rep (2003)" (PA) for 36 feet (See 50/02-11376)	24/03 30°13'04"N 88°02'09"W	
	Add Legend "Rep (2003) (PA)" at depth 32 feet Obstn	30°16'12"N 88°02'09"W	
		Depth 9 feet Obstn [K41] "Rep (2003)" (PA) 30°36'53"N 88°01'52"W	
	<b>(Inset)</b> Relocate Light "7" from 30°38'41.9"N 88°02'39.2"W to 30°38'41.6"N 88°02'40.1"W (14, 16/03 CG8)		
<b>*11377</b>	4Ed. 4/6/02 LAST NM 23/03 Substitute Depth 36 feet Obstn [K41] "Rep (2003)" (PA) for 36 feet (See 50/02-11377)	24/03 30°13'04.4"N 88°02'09.1"W	
	Add Legend "Rep (2003) (PA)" at depth 32 feet Obstn	30°16'11.6"N 88°02'08.9"W (14/03 CG8)	

## SECTION I

NM 24/03

<b>11378</b>	32Ed. 1/03 LAST NM 22/03 <b>(Side B)</b> Substitute Depth 36 feet Obstn [K41] "Rep (2003)" (PA) for 36 feet	24/03	<b>12201</b> 25Ed. 7/17/99 LAST NM N18/03 Relocate Buoy "12" from 35°09.1'N 75°17.7'W to 35°09.1'N 75°17.3'W (NTM0002/2003)	N24/03
Add	Legend "Rep (2003) (PA)" at depth 32 feet Obstn		30°13'04.4"N 88°02'09.1"W	
	<b>(Side B, Continuation)</b>			
Substitute	Depth 36 feet Obstn [K41] "Rep (2003)" (PA) for 36 feet		30°13'04.4"N 88°02'09.1"W	
	(14/03 CG8)			
<b>★11388</b>	16Ed. 12/23/95 LAST NM 17/02 Add Dashed-line circle "Obstsns" (PA) marked by buoys (2), each W, Fl 4s (Navy maintd)	24/03	30°02'55"N 86°35'37"W (16/03 CG8)	
<b>★11463</b>	17Ed. 4/03 NEW EDITION (NOS)	24/03		
<b>11509</b>	27Ed. 1/12/02 LAST NM 11/03 Relocate Buoy "13" from 31°54'32"N 80°55'20"W to 31°54'32"N 80°55'16"W (15/03 CG7)	24/03		
<b>★11512</b>	59Ed. 1/03 LAST NM 22/03 Relocate Buoy "13" from 31°54'32"N 80°55'17"W to 31°54'32"N 80°55'16"W	24/03		
Add	Tabulation of controlling depths from Subsection I-2 (NOS; 15/03 CG7)			
<b>11513</b>	23Ed. 12/23/00 LAST NM 1/03 Relocate Buoy "4" from 32°21'49"N 80°20'00"W to 32°21'42"N 80°20'01"W (15/03 CG7)	24/03		
<b>★11514</b>	26Ed. 7/02 LAST NM 22/03 <b>(Side A)</b> Add Tabulation of controlling depths from Subsection I-2 (NOS)	24/03		
<b>★11517</b>	17Ed. 8/25/01 LAST NM 32/02 Relocate Buoy "4" from 32°21'49"N 80°19'59"W to 32°21'42"N 80°20'01"W (15/03 CG7)	24/03		
<b>11521</b>	26Ed. 2/2/02 LAST NM 19/03 Relocate Buoy "2" from 32°44'24"N 79°43'00"W to 32°44'27"N 79°43'05"W (See 9/03-11521) (NTM0002/2003)	24/03		
<b>★11523</b>	21Ed. 2/2/02 LAST NM 19/03 Relocate Buoy "2" from 32°44'27.3"N 79°43'04.0"W to 32°44'26.6"N 79°43'05.0"W (See 9/03-11523) (NTM0002/2003)	24/03		
<b>11525</b>	6Ed. 9/23/00 LAST NM N8/03 Relocate Buoy "12" from 35°09.1'N 75°17.7'W to 35°09.1'N 75°17.3'W (NTM0002/2003)	N24/03		
<b>★11545</b>	60Ed. 9/1/02 LAST NM 23/03 <b>(Inset)</b> Relocate Beacon "6" from 34°36'58.5"N 76°32'08.0"W to 34°36'58.5"N 76°32'11.0"W (19/03 CG5)	24/03		
<b>11555</b>	38Ed. 7/1/02 LAST NM 7/03 Relocate Buoy "12" from 35°09'06"N 75°17'45"W to 35°09'05"N 75°17'20"W (NTM0002/2003)	24/03		
<b>12201</b>	25Ed. 7/17/99 LAST NM N18/03 Relocate Buoy "12" from 35°09.1'N 75°17.7'W to 35°09.1'N 75°17.3'W (NTM0002/2003)			
<b>12222</b>	43Ed. 2/03 LAST NM 18/03 Relocate Beacon "7" from 37°00'13"N 76°19'35"W to 37°00'13"N 76°19'32"W (19/03 CG5)	24/03		
<b>★12245</b>	61Ed. 1/03 LAST NM 18/03 Relocate Beacon "7" from 37°00'12.3"N 76°19'34.0"W to 37°00'12.7"N 76°19'31.8"W (19/03 CG5)	24/03		
<b>12256</b>	13Ed. 3/2/02 LAST NM 44/02 Delete Legend "PA" from beacon "7" 37°00'13.0"N 76°19'31.5"W (19/03 CG5)	24/03		
<b>12263</b>	51Ed. 8/02 LAST NM 20/03 Add Beacon "3" G (19/03 CG5)	24/03	38°54'03"N 76°19'33"W	
<b>★12270</b>	32Ed. 12/02 LAST NM 18/03 Add Beacon "3" G (19/03 CG5)	24/03	38°54'03"N 76°19'33"W	
<b>★12311</b>	41Ed. 9/15/01 LAST NM 8/03 Add Danger circle "Obstn" [K40] (NOS; 18/03 CG5)	24/03	39°40'46"N 75°31'02"W	
<b>12312</b>	52Ed. 1/03 LAST NM 15/03 Add Tabulation of controlling depths from Subsection I-2 (NOS)	24/03		
<b>★12368</b>	26Ed. 8/02 LAST NM 42/02 Add Tabulation of controlling depths from Subsection I-2 (NOS)	24/03		
<b>17003</b>	4Ed. 2/10/96 LAST NM 52/02 Delete R Bn at light (Can LL)	24/03	49°23.0'N 126°32.6'W	
<b>17005</b>	10Ed. 5/27/95 LAST NM 52/02 Delete R Bn at light (Can LL)	24/03	49°23.0'N 126°32.6'W	
<b>17546</b>	22Ed. 10/29/94 LAST NM 47/02 Delete R Bn at light (Can LL)	24/03	49°22'59"N 126°32'39"W	
<b>18007</b>	31Ed. 3/31/01 LAST NM 22/03 Delete R Bn at light (Can LL)	24/03	49°23.0'N 126°32.6'W	
<b>18008</b>	7Ed. 10/12/96 LAST NM N22/03 Delete R Bn at light (Can LL)	N24/03	49°23.0'N 126°32.6'W	
<b>★18464</b>	23Ed. 4/03 NEW EDITION (NOS)	24/03		
<b>★18521</b>	69Ed. 6/1/02 LAST NM 22/03 Relocate Light "52" from 46°14'04"N 123°42'47"W to (12/03 CG13)	24/03	46°14'03"N 123°42'51"W	

## SECTION I

<b>★18524</b>	33Ed. 2/23/02 LAST NM 10/03 <b>(Right Panel)</b>	24/03	Change Characteristic of buoy "B1" to Q(3) 10s 14°33'44"N 61°03'03"W
	Change Light to Fl(2+1) R 6s 35ft 3M (12/03 CG13)	45°51'39"N 122°47'27"W	Buoy to "CAM" BRB, spar, double ball topmark (21(57)99 Brest) 14°33'25"N 61°03'29"W
<b>22259</b>	4Ed. 9/5/92 LAST NM 20/03	24/03	
Add Obscured sector 318°-335° to light (10(176)02 Valparaiso)	33°01'38"S 71°37'33"W		
<b>22264</b>	2Ed. 9/21/96 LAST NM 20/03	24/03	
Add Obscured sector 318°-335° to light (10(176)02 Valparaiso)	33°01'38"S 71°37'33"W		
<b>22305</b>	2Ed. 2/17/96 LAST NM 18/03	24/03	
Change Visibility (range) of light to 8M (10(177)02 Valparaiso)	39°52.5'S 73°25.0'W		
<b>22331</b>	2Ed. 2/29/88 LAST NM N19/03	N24/03	
Relocate Buoy from 42°48.3'S 73°18.1'W to (10(179)02 Valparaiso)	42°48.0'S 73°18.2'W		
<b>22345</b>	11Ed. 9/23/89 LAST NM 42/02	24/03	
Add Visibility (range) 14M to range light, front 41°29'31.5"S 72°58'13.9"W			Dashed line and legend "096°-276°" between 14°35'31.5"N 61°05'01.3"W 14°35'23.7"N 61°03'50.5"W
Visibility (range) 14M to range light, rear 41°29'32.0"S 72°58'14.4"W (10(178)02 Valparaiso)			Dashed line and legend "110°-290°" between 14°34'40.8"N 61°05'07.3"W 14°33'38.0"N 61°02'10.7"W
<b>22352</b>	6Ed. 2/1/97 LAST NM 19/03	24/03	
Relocate Buoy from 42°47.9'S 73°17.8'W to (10(179)02 Valparaiso)	42°47.5'S 73°18.0'W		Dashed line and legend "150°-330°" between 14°33'38.0"N 61°02'10.7"W 14°32'50.0"N 61°01'42.5"W
<b>22373</b>	1Ed. 8/3/50 LAST NM N10/03	N24/03	
Add Depth 5.1 meters, blue tint and enclosing depth contour (10-meter) 45°25.6'S 73°35.0'W			Dashed line and legend "023°-203°" between 14°36'10.0"N 61°01'39.0"W 14°34'17.0"N 61°02'29.0"W
Depth 5.3 meters, blue tint and enclosing depth contour (10-meter) 45°25.2'S 73°36.5'W (10(181)02 Valparaiso)			Dashed line and legend "053°-233°" between 14°34'15.5"N 61°02'29.5"W 14°33'55.0"N 61°02'57.5"W
<b>24480</b>	1Ed. 6/16/90 LAST NM 49/02 <b>(Panel A)</b>	24/03	
Change Visibility (range) of light to 15M 9°47.1'N 75°52.2'W			Beacon "3" from 14°35'14.2"N 61°03'47.0"W to 14°35'07.1"N 61°03'48.3"W
<b>(Panel B)</b> (Col LL)	Visibility (range) of light to 15M 9°47.1'N 75°52.2'W		Beacon "1" from 14°34'32.3"N 61°04'58.5"W to 14°34'30.0"N 61°04'57.7"W
<b>24511</b>	2Ed. 4/3/76 LAST NM 28/00	24/03	
Change Visibility (range) of light to 15M (Col LL)	9°47'06"N 75°52'20"W		Substitute Beacon "Mitam" BY, double cone topmark points upward, Q [Q130.3] for buoy 14°35'13.5"N 61°04'33.1"W
<b>24512</b>	3Ed. 9/20/97 LAST NM 46/02	24/03	
Change Visibility (range) of light to 15M (Col LL)	9°47'06"N 75°52'20"W		Beacon "0" G, can topmark, QG for buoy 14°35'34"N 61°04'24"W
<b>25524</b>	43Ed. 6/10/95 LAST NM 20/03	24/03	
Substitute Beacon "Mitam" BY, double cone topmark points upward, Q [Q130.3] for buoy 14°35'14"N 61°04'33"W			Beacon to "CAM" BRB, spar, double ball topmark (21(57)99 Brest) 14°33'25.0"N 61°03'29.3"W
Beacon "0" G, can topmark, QG for buoy 14°35'34"N 61°04'24"W			Characteristic of buoy "B1" to Q(3) 10s 14°33'44.7"N 61°03'03.5"W
Change Characteristic of buoy to Q(3) 10s and add designation "B1"	14°33'44"N 61°03'03"W		Shape of buoy "GBB" to pillar 14°33'55.0"N 61°03'12.0"W
Buoy to "CAM" BRB, spar, double ball topmark (21(57)99 Brest)	14°33'25"N 61°03'29"W		Shape of buoy "SL1" to spar 14°35'52.7"N 61°04'13.3"W
<b>25526</b>	2Ed. 6/10/95 LAST NM 33/02	24/03	
Substitute Beacon "Mitam" BY, double cone topmark points upward, Q [Q130.3] for buoy 14°35'14"N 61°04'33"W			Shape of buoy "PS" to spar 14°36'01.5"N 61°04'28.3"W
Beacon "0" G, can topmark, QG for buoy 14°35'34"N 61°04'25"W			Shape of buoy "MF" to spar 14°36'03.5"N 61°04'13.2"W
			Shape of buoy "BC" to spar 14°33'59.0"N 61°02'41.0"W
			Shape of buoy "FCB" to spar 14°33'59.0"N 61°02'30.0"W
			Shape of buoy "2L" to spar 14°34'16.0"N 61°02'36.5"W
			Shape of buoy "1L" to pillar 14°34'19.0"N 61°02'20.0"W
			Shape of buoy "4L" to spar 14°34'35.5"N 61°02'28.0"W
			Shape of buoy "GA" to spar 14°34'44.0"N 61°02'14.0"W
			Shape of buoy "MR" to spar 14°35'27.0"N 61°01'52.7"W
			Shape of buoy "CAR" to spar 14°35'41.3"N 61°01'48.0"W
			Shape of buoy "7L" to spar 14°36'01.0"N 61°01'41.0"W
			(21(57)99 Brest)
<b>36005</b>	(INT 1070) 2Ed. 2/24/96 LAST NM 17/03	24/03	
Delete Horn from light (46(17)01 Brest)	48°03.0'N 4°59.9'W		
<b>37025</b>	26Ed. 8/9/97 LAST NM 11/03	24/03	
Delete Horn from light (46(17)01 Brest)	48°03.0'N 4°59.9'W		
<b>37120</b>	2Ed. 3/22/97 LAST NM 23/03	24/03	
Delete Depth 4.9 meters Wk	51°21.2'N 3°04.7'E		
Add Light Fl(5) Y 20s 15m 12M Racon	51°16.5'N 2°26.9'E		

(continued on next page)

## SECTION I

NM 24/03

<b>37120</b>	(Continued)			
	Buoy "Outer Princes" YB, pillar, double cone topmark points downward, VQ(6) + L Fl 10s BELL	51°29.0'N 1°20.6'E		24/03
	(21(150)01, 2(53)03 Oostende; 13/03 Trinity House)			
<b>37129</b>	6Ed. 5/31/97 LAST NM 23/03	24/03		
Add	Light Fl(5) Y 20s 15m 12M Racon	51°16'29.4"N 2°26'51.0"E		
	(2(53)03 Oostende)			
<b>37140</b>	33Ed. 5/25/96 LAST NM 16/03	24/03		
Add	Buoy "Outer Princes" YB, pillar, double cone topmark points downward, VQ(6) + L Fl 10s BELL	51°29.0'N 1°20.6'E		
	(13/03 Trinity House)			
<b>37141</b>	29Ed. 10/21/95 LAST NM 19/03	24/03		
Delete	Buoy "Tongue Sand Tower"	51°29'26"N 1°22'02"E		
Relocate	Buoy "Princes" from 51°28'47"N 1°18'30"E to 51°28'44"N 1°18'16"E			
	Buoy "Princes 6" from 51°29'12"N 1°06'24"E to 51°29'11"N 1°06'35"E			
	Buoy "Princes 7" from 51°29'36"N 1°06'47"E to 51°29'34"N 1°07'07"E			
Change	Buoy to "Princes 1" G, conical, QG	51°29'13"N 1°16'00"E		
Add	Buoy "Tongue Sand Tower" BYB, double cone topmark bases together, Q(3) 10s	51°29'29"N 1°22'13"E		
	(See 28/98-37141) (13/03 Trinity House)			
<b>37161</b>	14Ed. 3/15/97 LAST NM 19/03	24/03		
Relocate	Buoy "Holm Sand" from 52°33'40"N 1°46'51"E to Buoy "E. Holm" from 52°31'06"N 1°49'15"E to	52°33'22"N 1°46'28"E 52°30'38"N 1°49'43"E		
	(See 50/98-37161) (14/03 Trinity House)			
<b>37182</b>	14Ed. 5/22/99 LAST NM 48/02	24/03		
Add	Depth 1.1 meters	53°35'18"N 0°03'08"W		
	Depth 1.5 meters	53°35'10"N 0°02'55"W		
	(19(2057)03 Taunton)			
<b>37183</b>	9Ed. 7/12/97 LAST NM 10/03	24/03		
Add	Depth 1.5 meters	53°35'10"N 0°02'55"W		
	(19(2057)03 Taunton)			
<b>37205</b>	2Ed. 3/16/96 LAST NM 22/03	24/03		
Add	Depth 1.9 meters	55°04.3'N 8°18.9"E		
	Depth 1.2 meters	55°04.1'N 8°19.3"E		
	Depth 2.6 meters	55°04.1'N 8°23.0"E		
	Depth 4.3 meters	55°02.1'N 8°21.3"E		
	(7(49)03 Kopenhagen)			
<b>37246</b>	14Ed. 5/16/98 LAST NM 21/03	24/03		
Delete	Light and sector limits	51°17'48"N 4°18'36"E		
	Depth 10 meters Wk	51°18'05"N 4°16'48"E		
Change	Visibility (range) of light to 7M	51°17'18"N 4°19'36"E		
Delete	(Inset E) Light and sector limits	51°17'48"N 4°18'36"E		
Change	Visibility (range) of light to 7M (5(69)01, 8(83)02 Oostende; BA LL)	51°17'18"N 4°19'36"E		
<b>37248</b>	18Ed. 2/14/98 LAST NM 23/03	24/03		
Delete	Depth 4.9 meters Wk	51°21'10.0"N 3°04'40.0"E		
Substitute	Foul ground symbol [K31] for depth 9.8 meters Wk (5(67), 21(150)01 Oostende)	51°24'08.0"N 3°17'54.0"E		
<b>37320</b>	16Ed. 9/6/97 LAST NM 21/03	24/03		
Delete	HORN from light	48°03'00"N 4°59'54"W		
	(46(17)01 Brest)			
<b>37328</b>	2Ed. 7/19/97 LAST NM 21/03	24/03		
Delete	HORN from light	48°03'00"N 4°59'54"W		
	(46(17)01 Brest)			
<b>37360</b>	15Ed. 6/22/96 LAST NM 21/03	24/03		
Delete	HORN from light	48°03.0'N 4°59.9'W		
	(46(17)01 Brest)			
<b>42760</b>	5Ed. 8/19/95 LAST NM 19/03	24/03		
Add	Stranded wreck [K24] (39(5976)02 St. Petersburg)	68°56.3'N 33°00.4'E		
<b>43385</b>	1Ed. 8/22/92 LAST NM 23/03	24/03		
Delete	Buoy	57°56'44"N 11°33'42"E		
Add	Buoy R, spar, Fl R 3s (9(244)00 Norrkoping)	57°56'44"N 11°33'32"E		
<b>44015</b>	8Ed. 7/22/95 LAST NM 14/03	24/03		
Add	Wreck [K29] (3(32)03 Gdynia)	54°52.9'N 17°33.0'E		
<b>44040</b>	23Ed. 7/20/96 LAST NM 23/03	24/03		
Add	Buoy BY, pillar, double cone topmark points upward, Q	55°44.3'N 10°34.0'E		
	(8(53)03 Kopenhagen)			
<b>44046</b>	10Ed. 7/13/96 LAST NM 22/03	24/03		
Add	Buoy BY, pillar, double cone topmark points upward, Q	55°44.3'N 10°34.0'E		
	(8(53)03 Kopenhagen)			
<b>44047</b>	22Ed. 2/8/97 LAST NM 22/03	24/03		
Add	Double solid line with land tint (bridge) [D22] between	55°34.2'N 12°53.6'E 55°35.4'N 12°46.6'E		
	(49(1296)99 Norrkoping)			
<b>44049</b>	9Ed. 6/15/96 LAST NM 22/03	24/03		
Add	Solid line (breakwater) [F14] between	55°37'38"N 12°59'07"E 55°37'32"N 12°59'05"E		
	(49(1297)99 Norrkoping)			
<b>44061</b>	21Ed. 9/7/96 LAST NM 21/02	24/03		
Add	Buoy BY, pillar, double cone topmark points upward, Q	55°44.3'N 10°34.0'E		
	(8(53)03 Kopenhagen)			
<b>44083</b>	8Ed. 4/6/96 LAST NM 11/03	24/03		
Change	Characteristic of light to Iso 2s	53°39'49"N 14°31'49"E		
	Characteristic of light to Iso 2s	53°39'55"N 14°32'01"E		
	Characteristic of light to Oc(2) R 8s	53°40'13"N 14°31'58"E		
	Characteristic of light to Oc(2) R 8s	53°40'26"N 14°31'25"E		
	Light to Oc(2) WRG 8s 6m 1M, Iso G 4s 7m 4M	(42(625)02, 2(9), 8(172)03 Gdynia; BA LL)	53°43'35"N 14°16'56"E	
<b>44105</b>	2Ed. 1/29/94 LAST NM 8/03	24/03		
Delete	Islet	56°09'29"N 14°48'57"E		
	Rock awash	56°09'32"N 14°48'52"E		
	Rock awash	56°09'28"N 14°48'58"E		
Relocate	Buoy from 56°09'25"N 14°48'56"E to	56°09'23"N 14°48'58"E		
Substitute	Depth 8 meters for swept depth 6 meters	56°09'27"N 14°49'05"E		
Add	Buoy R, spar, QR Depth 8 meters	56°09'17"N 14°48'45"E 56°09'25"N 14°48'54"E		
	(6(179)00 Norrkoping)			

## SECTION I

<b>44120</b>	7Ed. 2/22/97 LAST NM 23/03 Change Period of range light, front to 6s Period of range light, rear to 3s (See 20/03-44120) (50(1310)99 Norrkoping; Swd LL)	24/03 56°09.5'N 15°35.8'E 56°10.2'N 15°36.1'E	<b>44410</b>	4Ed. 2/8/97 LAST NM 23/03 Delete Prohibited area and legend "CAUTION NO 2" in vicinity 57°52.2'N 18°48.0'E	24/03
<b>44140</b>	8Ed. 7/20/96 LAST NM 21/03 Add Wreck [K29] (3(32)03 Gdynia)	24/03 54°52.9'N 17°33.0'E	Change Caution No. 2 of CAUTIONS note in right upper margin of chart to "2. Reserved." (8(212)00 Norrkoping)		
<b>44162</b>	1Ed. 3/25/89 LAST NM 1/03 Add Buoy G, spar Buoy G, spar (19(584)99 Norrkoping)	24/03 58°37'53.5"N 16°19'57.8"E 58°37'55.1"N 16°19'53.3"E	<b>44430</b>	2Ed. 6/22/96 LAST NM 19/03 Add Stranded wreck [K24] (2(9)03 Gdynia)	24/03 54°26.4'N 19°36.0'E
<b>44165</b>	1Ed. 10/6/90 LAST NM 22/03 Add Buoy G, spar, Fl(2) G 6s (9(235)00 Norrkoping; Swd LL)	24/03 58°39'23"N 17°07'19"E	<b>44461</b>	10Ed. 1/11/97 LAST NM 10/03 Add Stranded wreck [K24] with legend "(2 Wks)" (2(9)03 Gdynia)	24/03 54°26.4'N 19°36.0'E
<b>44206</b>	1Ed. 12/27/86 LAST NM 19/03 Add Submarine pipeline with legend "Gas" [L40.1] joining 61°43'09"N 17°08'33"E 61°43'00"N 17°08'10"E 61°42'41"N 17°07'37"E 61°42'41"N 17°05'44"E (9(228)00 Norrkoping)	24/03	<b>44463</b>	9Ed. 10/28/95 LAST NM 4/02 Add Light FG 2M (49(706)02 Gdynia)	24/03 54°31'58.1"N 18°33'21.0"E
<b>44223</b>	1Ed. 9/5/92 LAST NM 21/03 Add Area "A" bound by shore and dashed line joining 62°30'22"N 17°27'23"E 62°29'35"N 17°27'41"E 62°29'46"N 17°28'43"E 62°30'27"N 17°27'58"E  Area "B" bound by above area and dashed line joining 62°29'35"N 17°27'41"E 62°29'09"N 17°27'55"E 62°29'22"N 17°29'10"E 62°29'46"N 17°28'43"E  Legend "HEIGHT RESTRICTIONS-SEE NOTE" 62°29'08"N 17°28'40"E  "ANCHORING PROHIBITED" area bound by shore and purple composite line joining 62°25'48"N 17°23'20"E 62°25'50"N 17°24'18"E 62°25'45"N 17°24'16"E 62°25'43"N 17°23'26"E  Note "HEIGHT RESTRICTIONS Tall ships must report to VTS Gavle on channel 13 or tel +46 (0)26-64 71 50 at least 2 hours before entering areas: "A" for vessels with height exceeding 20 meters and "B" for vessels with height exceeding 40 meters." 62°14'12"N 17°25'30"E (13(330), 39(891)00 Norrkoping)	24/03	<b>44481</b>	2Ed. 2/22/97 LAST NM 31/02 Add Wreck [K29] (3(32)03 Gdynia)	24/03 54°52.9'N 17°33.0'E
<b>51017</b>	31Ed. 8/10/96 LAST NM 37/02 Add Depth 970 meters Obstn [K41] Depth 60 meters Obstn [K41] (19(318)03 Cadiz)	24/03 29°05.0'N 15°15.0'W 29°08.0'N 15°50.0'W	<b>53031</b>	1Ed. 5/2/92 LAST NM 14/03 Delete R Bn at light (1(4)03 Genova)	24/03 44°24.3'N 8°54.3'E
<b>53100</b>	16Ed. 11/18/89 LAST NM 21/03 Delete R Bn at light (1(4)03 Genova)	24/03 44°24.3'N 8°54.3'E	<b>53101</b>	7Ed. 1/29/94 LAST NM 16/03 Delete R Bn at light (1(4)03 Genova)	24/03 44°24'16"N 8°54'16"E
<b>53104</b>	2Ed. 6/3/95 LAST NM 20/03 Delete RC at light "PROHIB AREA" in vicinity (See 35/02-53104)	24/03 44°24'16.2"N 8°54'16.5"E	<b>53284</b>	4Ed. 3/28/92 LAST NM 21/03 Delete Disused submarine cable between 41°02'16"N 9°39'13"E 41°00'13"N 9°37'37"E  Add Submarine cable [L30.1] joining 41°14'02"N 9°34'11"E 41°05'59"N 9°38'12"E 41°01'54"N 9°37'25"E 41°01'19"N 9°37'17"E 41°00'34"N 9°36'59"E  Submarine cable [L30.1] joining 41°10'17"N 9°42'36"E 41°06'48"N 9°39'59"E 41°04'24"N 9°39'59"E 41°02'22"N 9°37'43"E 41°00'42"N 9°37'05"E 41°00'34"N 9°36'59"E	24/03 41°02'16"N 9°39'13"E 41°00'13"N 9°37'37"E  41°14'02"N 9°34'11"E 41°05'59"N 9°38'12"E 41°01'54"N 9°37'25"E 41°01'19"N 9°37'17"E 41°00'34"N 9°36'59"E  41°10'17"N 9°42'36"E 41°06'48"N 9°39'59"E 41°04'24"N 9°39'59"E 41°02'22"N 9°37'43"E 41°00'42"N 9°37'05"E 41°00'34"N 9°36'59"E
<b>44224</b>	1Ed. 8/22/92 LAST NM 21/03 (Plan) Add Double solid line with land tint (breakwater) between 63°16'58.5"N 18°43'52.5"E 63°16'57.0"N 18°43'45.0"E (9(227)00 Norrkoping)	24/03			
<b>44400</b>	4Ed. 9/7/96 LAST NM 23/03 Delete Buoy Buoy (1(6, 7)02 Riga)	24/03 57°20.1'N 23°08.9'E 57°22.8'N 23°07.7'E			
<b>44401</b>	7Ed. 9/29/01 LAST NM 19/03 Change Height of range light, front to 17m 57°02'58.0"N 24°03'41.1"E Height of range light, rear to 24m 57°03'04.7"N 24°03'32.8"E  Height of light to 12m Height of light to 12m (See 19/03-44401) (6(42)02 Riga)	24/03 57°02'58.0"N 24°03'41.1"E 57°03'04.7"N 24°03'32.8"E  57°01'43.8"N 24°05'24.6"E 56°59'25.2"N 24°05'40.8"E			

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NM 24/03

<b>53284</b>	(Continued)				
	Submarine cable [L30.1] joining	41°00'32"N 9°42'36"E 41°01'01"N 9°39'13"E 41°01'05"N 3°38'33"E 41°00'55"N 9°37'27"E 41°00'34"N 9°36'59"E			
	Submarine cable [L30.1] joining	41°01'17"N 9°42'36"E 41°01'34"N 9°39'08"E 41°00'30"N 9°37'24"E 41°00'13"N 9°37'24"E			
	Disused submarine cable [L32] joining	41°02'16"N 9°39'13"E 41°00'47"N 9°37'32"E 41°00'32"N 9°37'13"E			
	(23(2)01 Genova)				
<b>54041</b>	7Ed. 6/8/96 LAST NM 17/03	24/03			
	<b>(Plan F)</b>				
Delete	"ANCHORAGE AREA (General Cargo)" in vicinity	41°36'54.0"N 15°55'10.0"E			
Add	Anchorage area "A1" bound by plan border and dashed line joining	41°36'49.1"N 15°54'59.1"E 41°37'01.8"N 15°54'59.1"E 41°37'01.8"N 15°55'17.2"E 41°36'49.1"N 15°55'17.2"E			
	Purple composite line (fishing prohibited limit) between	41°37'11.8"N 15°54'40.4"E 41°37'01.8"N 15°54'59.1"E			
	Purple composite line (fishing prohibited limit) between	41°36'52.8"N 15°55'17.2"E 41°37'15.6"N 15°56'00.9"E			
	Legend "FISHING PROHIBITED"	41°37'22.0"N 15°55'42.0"E			
	(23(5)01 Genova; Ital CH 199)				
<b>54085</b>	2Ed. 5/30/92 LAST NM 15/03	24/03			
Delete	Buoy	41°38'12"N 15°57'00"E			
Add	Purple composite line (fishing prohibited limit) between	41°37'15"N 15°54'30"E 41°36'59"N 15°55'00"E			
	Purple composite line (fishing prohibited limit) between	41°36'48"N 15°55'18"E 41°36'06"N 15°56'42"E			
	Purple composite line (fishing prohibited limit) joining	41°36'07"N 15°57'12"E 41°36'33"N 15°58'15"E 41°38'30"N 15°56'36"E			
	Legend "FISH PROHIB"	41°36'30"N 15°57'00"E			
	(23(5)01 Genova)				
<b>54320</b>	4Ed. 10/5/91 LAST NM 1/03	24/03			
Add	Light Fl G 3s 5M (5(134)01 Athens; BA LL)	37°42.7'N 24°03.9'E			
<b>54335</b>	3Ed. 4/6/96 LAST NM 36/01	24/03			
Change	Height of light to 272ft (5(130)01 Athens)	37°56.0'N 24°31.0"E			
<b>54340</b>	8Ed. 7/27/91 LAST NM 4/03	24/03			
Add	Light Fl G 3s 5M (5(134)01 Athens; BA LL)	37°42.7'N 24°03.9'E			
<b>54344</b>	6Ed. 3/23/96 LAST NM 48/02	24/03			
Change	Height of light to 83m Height of light to 32m Period of light to 3s	37°55'55"N 24°31'25"E 37°38'42"N 24°06'22"E 38°01'28"N 24°00'45"E			
Add	Light Fl G 3s 8m 5M (5(130, 133-135)01 Athens; BA LL)	37°42'40"N 24°04'02"E			
<b>54403</b>	4Ed. 6/14/86 LAST NM 52/02	24/03			
Add	Buoy R, pillar, Fl R 2s (5(137)01 Athens)	37°39'42"N 26°53'08"E			
<b>55127</b>	2Ed. 4/20/96 LAST NM 14/03	24/03			
Delete	Buoy "38"	47°02'33.0"N 37°30'02.0"E			
Change	Legend to "4.6m (2002)" (See 14/03-55127)	47°03'36.0"N 37°32'50.0"E			
Add	Buoy "22" R, pillar, can topmark, Fl R 3s	47°02'23.7"N 37°30'00.0"E			
	Stranded wreck [K24]	47°05'44.7"N 37°34'36.9"E			
	<b>(Plan)</b>				
Delete	Buoy	47°03'28.5"N 37°30'35.0"E			
	Buoy "38"	47°02'33.0"N 37°30'02.0"E			
	Dashed line joining	47°03'31.1"N 37°30'30.5"E 47°03'28.7"N 37°30'36.8"E 47°03'26.0"N 37°30'33.5"E 47°03'29.0"N 37°30'25.8"E			
	Berth designation "1"	47°03'42.5"N 37°30'54.0"E			
	Berth designation "2"	47°03'45.0"N 37°30'48.5"E			
	Berth designation "6"	47°03'30.0"N 37°30'25.0"E			
	Berth designation "7"	47°03'26.0"N 37°30'22.0"E			
Change	Berth designation to "2"	47°03'43.8"N 37°30'42.0"E			
	Berth designation to "3"	47°03'40.1"N 37°30'38.1"E			
	Berth designation to "4"	47°03'35.6"N 37°30'33.3"E			
	Berth designation to "15"	47°02'49.9"N 37°29'59.5"E			
	Berth designation to "16"	47°02'44.5"N 37°29'56.5"E			
	Legend to "4.6m (2002)"	47°02'21.0"N 37°31'07.0"E			
Add	Light Fl R 3s 1M	47°03'26.7"N 37°30'37.9"E			
	Double solid line with land tint (pier extension)	47°03'31.4"N 37°30'27.9"E 47°03'26.7"N 37°30'38.7"E			
	Buoy "22" R, pillar, can topmark, Fl R 3s	47°02'23.7"N 37°30'00.0"E			
	Land tint to area bound by shore and solid line	47°03'31.1"N 37°30'30.5"E 47°03'30.8"N 37°30'30.1"E			
	Berth designation "1" [F19]	47°03'44.7"N 37°30'50.4"E			
	Berth designation "5" [F19]	47°03'31.2"N 37°30'31.4"E			
	Berth designation "6" [F19]	47°03'30.5"N 37°30'30.2"E			
	Berth designation "7" [F19]	47°03'27.7"N 37°30'23.2"E			
	Berth designation "17" [F19]	47°02'39.2"N 37°29'52.4"E			
	(8(916), 13(1745), 16(2270), 30(4585), 39(6041)02 St. Petersburg)				
<b>57408</b>	2Ed. 7/27/96 LAST NM 12/03	24/03			
Change	Height (MHWS) in "TIDAL INFORMATION" table to 1.6 meters	26°41'48"S 15°06'47"E			
	Height (MHWN) in "TIDAL INFORMATION" table to 1.2 meters	26°41'48"S 15°07'05"E			
	Height (MLWS) in "TIDAL INFORMATION" table to 0.2 meter	26°41'48"S 15°07'23"E			
	Height (MLWN) in "TIDAL INFORMATION" table to 0.6 meter	26°41'48"S 15°07'41"E			
	(11/12(109)02 Cape Town)				
<b>57482</b>	12Ed. 5/24/97 LAST NM 40/01	24/03			
Change	Height (MHWS) in "TIDAL INFORMATION" table to 1.7 meters	34°04'59"S 18°51'12"E			
	Height (MHWN) in "TIDAL INFORMATION" table to 1.2 meters	34°04'59"S 18°51'44"E			
	Height (MLWS) in "TIDAL INFORMATION" table to 0.2 meter	34°04'59"S 18°52'15"E			
	Height (MLWN) in "TIDAL INFORMATION" table to 0.7 meter	34°04'59"S 18°52'46"E			
	(11/12(109)02 Cape Town)				
<b>57483</b>	11Ed. 4/24/93 LAST NM 13/00	24/03			
Change	Height (MHWS) in "TIDAL INFORMATION" table to 1.7 meters	34°12'20"S 18°26'37.0"E			

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<b>57483</b>	(Continued)			
	Height (MHWN) in "TIDAL INFORMATION" table to 1.2 meters			
	34°12'20.0"S 18°26'42.0"E			
	Height (MLWS) in "TIDAL INFORMATION" table to 0.2 meter	34°12'20.0"S 18°26'49.0"E		
	Height (MLWN) in "TIDAL INFORMATION" table to 0.7 meter	34°12'20.0"S 18°26'55.0"E		
	(11/12(109)02 Cape Town)			
<b>57484</b>	19Ed. 5/31/97 LAST NM 23/03	24/03		
Change	Height (MHWS) in "TIDAL INFORMATION" table to 1.7 meters	33°58'50.0"S 18°28'48.0"E		
	Height (MHWN) in "TIDAL INFORMATION" table to 1.2 meters	33°58'50.0"S 18°29'11.0"E		
	Height (MLWS) in "TIDAL INFORMATION" table to 0.2 meter	33°58'50.0"S 18°29'32.0"E		
	Height (MLWN) in "TIDAL INFORMATION" table to 0.7 meter	33°58'50.0"S 18°29'58.0"E		
	(11/12(109)02 Cape Town)			
<b>57488</b>	6Ed. 9/27/97 LAST NM 27/00	24/03		
Change	Height (MHWS) in "TIDAL INFORMATION" table to 1.7 meters	33°55'05.0"S 18°28'54.0"E		
	Height (MHWN) in "TIDAL INFORMATION" table to 1.2 meters	33°55'05.0"S 18°29'00.0"E		
	Height (MLWS) in "TIDAL INFORMATION" table to 0.2 meter	33°55'05.0"S 18°29'06.0"E		
	Height (MLWN) in "TIDAL INFORMATION" table to 0.7 meter	33°55'05.0"S 18°29'12.0"E		
	(11/12(109)02 Cape Town)			
<b>61051</b>	7Ed. 3/28/98 LAST NM 15/03	24/03		
Change	<b>(Plan A)</b> Height (MHWS) in "TIDAL INFORMATION" table to 2.1 meters	34°11'11.0"S 22°06'52.0"E		
	Height (MHWN) in "TIDAL INFORMATION" table to 1.2 meters	34°11'11.0"S 22°06'58.0"E		
	Height (MLWS) in "TIDAL INFORMATION" table to 0.2 meter	34°11'11.0"S 22°07'04.0"E		
	(11/12(109)02 Cape Town)			
<b>61061</b>	9Ed. 10/12/96 LAST NM 15/03	24/03		
Change	Legend to "Dredged to 14.6 meters"	33°56'26.0"S 25°38'48.0"E		
	(11/12(109)02 Cape Town)			
<b>61091</b>	5Ed. 8/31/96 LAST NM 18/03	24/03		
Change	Height (MHWS) in "TIDAL INFORMATION" table to 2.0 meters	29°47'57.0"S 30°59'21.0"E		
	Height (MHWN) in "TIDAL INFORMATION" table to 1.3 meters	29°47'57.0"S 30°59'37.0"E		
	Height (MLWS) in "TIDAL INFORMATION" table to 0.2 meter	29°47'57.0"S 30°59'53.0"E		
	Height (MLWN) in "TIDAL INFORMATION" table to 0.8 meter	29°47'57.0"S 31°00'09.0"E		
	(11/12(109)02 Cape Town)			
<b>62442</b>	6Ed. 4/29/00 LAST NM 45/01	24/03		
Add	Buoy "M1" R, pillar, can topmark, Fl(2) R 6s [Q130.1]	30°24'07.2"N 49°05'34.8"E		
	Buoy "M2" G, pillar, cone topmark, Fl(2) G 6s [Q130.1]	30°23'57.6"N 49°05'27.0"E		
	(1/02 Tehran)			
<b>71066</b>	1Ed. 1/17/87 LAST NM 10/03	24/03		
Add	Depth 3 meters Obstn [K41] "Rep (2003)"	4°15'42"N 100°33'45"E		
			<b>(Plan)</b>	
	Add	Depth 3 meters Obstn [K41] "Rep (2003)"	4°15'42.0"N 100°33'45.0"E	
		(2(42)03 Kuala Lumpur)		
<b>72000</b>	8Ed. 8/5/95 LAST NM 23/03	24/03		
	Add	Note from Subsection I-2 in left upper margin of chart		
		(NTM0009/2003)		
<b>83020</b>	8Ed. 8/7/76 LAST NM 7/02	24/03		
	Delete Rock awash	(37(39)00 Brest)	7°57.0"S 140°36.7"W	
<b>93010</b>	6Ed. 1/9/99 LAST NM 18/03	24/03		
	Add Wreck [K29]	(3(55)03 Kuala Lumpur)	5°53.8'N 102°51.5'E	
<b>93018</b>	8Ed. 3/6/99 LAST NM 18/03	24/03		
	Add Wreck [K29]	(3(55)03 Kuala Lumpur)	5°53.8'N 102°51.5'E	
<b>93032</b>	3Ed. 8/19/95 LAST NM 45/02	24/03		
	Add Wreck [K29]	(4(61)03 Tianjin)	19°39.1'N 108°18.1'E	
<b>93047</b>	2Ed. 4/14/84 LAST NM 49/02	24/03		
	Add Chartlet A, depicting changes in hydrography and aids to navigation, from Subsection I-2	8°06'00"N 114°40'00"E		
		Chartlet B, depicting changes in hydrography and aids to navigation, from Subsection I-2	7°50'00"N 114°30'00"E	
		Chartlet C, depicting changes in hydrography and aids to navigation, from Subsection I-2	7°50'00"N 114°20'00"E	
		Chartlet D, depicting changes in hydrography and aids to navigation, from Subsection I-2	7°40'00"N 114°00'00"E	
		(RMN CH 781)		
<b>93160</b>	4Ed. 11/24/01 LAST NM 14/03	24/03		
	Add Wreck [K29]	(3(55)03 Kuala Lumpur)	5°53'48"N 102°51'30"E	
<b>93240</b>	11Ed. 7/26/97 LAST NM 16/03	24/03		
	Add Depth 6.6 meters Wk [K26] marked by buoy Y, conical, "X" topmark, Fl Y 4s	12°56'03"N 100°41'20"E		
		(2(37)03 Bangkok)		
<b>93245</b>	6Ed. 5/4/96 LAST NM 16/03	24/03		
	Add Depth 6.6 meters Wk [K26] marked by buoy Y, conical, "X" topmark, Fl Y 4s	12°56'03"N 100°41'20"E		
		(2(37)03 Bangkok)		
<b>93650</b>	2Ed. 11/4/95 LAST NM 6/03	24/03		
	Add Dangerous wreck [K28] (PA)	(13(230)03 Tianjin)	21°32.2'N 108°57.1'E	
<b>93652</b>	2Ed. 5/4/96 LAST NM 6/03	24/03		
	Add Dangerous wreck [K28] (PA)	(13(230)03 Tianjin)	21°32'12"N 108°57'05"E	
<b>93680</b>	3Ed. 9/23/95 LAST NM 47/02	24/03		
	Add Wreck [K29]	(4(61), 11(175)03 Tianjin)	19°39.1'N 108°18.1'E	
		"ANCH AREA" [N12.1] bound by purple dashed-line circle, radius 1 mile, centered	18°18.4'N 109°06.8"E	
<b>93720</b>	10Ed. 8/12/95 LAST NM 20/03	24/03		
	Add Wreck [K29] (PA)	(13(228)03 Tianjin)	20°26.6'N 113°08.3'E	

# SECTION I

**NM 24/03**

<b>93725</b>	6Ed. 12/12/98 LAST NM 45/02 Add Buoy R, pillar, can topmark, Fl R 5s (13(209)03 Tianjin)	24/03 22°10'39.9"N 113°31'48.3"E	<b>95138</b>	8Ed. 2/5/94 LAST NM 23/03 Add "Marine farm" area bound by dashed line joining (42(397)00 Inchon)	24/03 34°48'21.0"N 127°49'40.0"E 34°48'25.0"N 127°49'48.0"E 34°48'17.0"N 127°49'52.0"E 34°48'14.0"N 127°49'44.0"E
<b>93730</b>	3Ed. 6/29/96 LAST NM 17/03 Add Depth 4.9 meters, blue tint and enclosing depth contour (5-meter) centered Depth 9.2 meters, blue tint and enclosing depth contour (10-meter) centered (13(207)03 Tianjin)	24/03 22°27.6"N 114°25.3"E 22°31.9"N 114°26.3"E	<b>95140</b>	15Ed. 10/7/95 LAST NM 21/03 Substitute Depth 6.3 meters for 8.5 meters (42(527)00 Inchon)	24/03 35°10'49"N 129°13'50"E
<b>94028</b>	7Ed. 9/16/95 LAST NM 21/03 Delete "Maritime Firing Area" in vicinity (Supersedes 11/03-94028)	24/03 35°40.0"N 129°51.0"E	<b>95143</b>	11Ed. 5/15/99 LAST NM 23/03 Add Dashed-line circle "Marine farm" (42(397)00 Inchon)	24/03 34°48'20"N 127°49'46"E
	Add "Maritime Firing Area" [N30] bound by purple dashed line joining (21(252)00 Inchon)	35°47.0"N 129°40.1"E 35°43.0"N 130°12.2"E 35°37.6"N 130°12.2"E 35°27.9"N 129°51.8"E 35°27.9"N 129°40.1"E	<b>95144</b>	9Ed. 5/15/99 LAST NM 23/03 Delete Position circles "Tr" (2) and overhead clearance designation (10) between Solid line (bridge) [D22] with legend "(15)" for dashed line between Note: Construction completed	24/03 34°58'51"N 128°38'47"E 34°58'44"N 128°39'04"E
<b>94042</b>	9Ed. 5/25/96 LAST NM 18/03 <b>(Panel A)</b> Relocate Buoy "1" from 23°15'45.4"N 116°48'42.9"E to 23°15'48.7"N 116°48'47.4"E Buoy "3" from 23°16'42.0"N 116°47'54.6"E to 23°16'44.6"N 116°47'59.6"E Buoy "6" from 23°17'33.9"N 116°47'02.8"E to 23°17'17.4"E 116°47'21.7"E Buoy from 23°17'30.0"N 116°47'30.5"E to 23°17'30.4"N 116°47'31.4"E Buoy from 23°17'54.0"N 116°47'08.5"E to 23°17'55.4"N 116°47'10.4"E	24/03	<b>95146</b>	14Ed. 5/14/94 LAST NM 23/03 Delete Legend "Works in progress" Position circles "Tr" (2) and dashed line between Solid line (bridge) [D22] with legend "(15)" for dashed line between Note: Construction completed	24/03 34°58'42"N 128°38'57"E 34°58'51"N 128°38'47"E 34°58'44"N 128°39'04"E
	Add Beacon YB, double cone topmark points downward, Q(6) + L Fl 15s 4m 3M [Q130.3] (3(40), 13(210)03 Tianjin)	23°20'45.4"N 116°39'34.0"E		Substitute Double solid line with land tint (bridge) [D22] and legend "(15)" for dashed line between Note: Construction completed	34°58'50"N 128°38'46"E 34°58'44"N 128°39'03"E
<b>94060</b>	10Ed. 5/18/96 LAST NM 18/03 Add Depth 2 meters Wk [K26] (13(208)03 Tianjin)	24/03 24°05.4"N 118°16.9"E		Add Light Iso 4s 19m 7M (42(530, 532)00 Inchon)	34°58'47"N 128°38'55"E
<b>94165</b>	4Ed. 11/30/96 LAST NM 18/03 Add Dangerous wreck [K28] (PA) marked by buoy BRB, pillar, double ball topmark, Fl(2) 5s (12(188)03 Tianjin)	24/03 26°01'17.0"N 119°29'23.1"E	<b>95149</b>	9Ed. 6/12/99 LAST NM 19/03 Substitute Depth 6.3 meters for 7.1 meters (42(527)00 Inchon)	24/03 35°10'49"N 129°13'50"E
<b>94201</b>	1Ed. 5/1/45 LAST NM 51/02 Add Legend "Numerous fish havens" (12(191)03 Tianjin)	24/03 29°33'30"N 121°41'42"E	<b>95160</b>	13Ed. 8/19/95 LAST NM 21/03 Delete "Maritime Firing Area" in vicinity (Supersedes 11/03-95160)	24/03 35°40.0"N 129°51.0"E
<b>94203</b>	10Ed. 11/21/98 LAST NM 11/03 Add "Swept to 30m (2002)" area [I24] bound by existing swept area and green dashed line joining (See 10/03-94203) (27(501)02 Tianjin)	24/03 30°27'00"N 122°45'33"E 30°27'13"N 122°45'12"E 30°27'39"N 122°45'34"E 30°15'47"N 123°03'46"E 30°15'21"N 123°03'24"E 30°25'43"N 122°47'32"E		Substitute Depth 6.3 meters for 7.1 meters Add "Maritime Firing Area" [N30] bound by purple dashed line joining (21(252), 42(527)00 Inchon)	35°10.8"N 129°13.8"E 35°47.0"N 129°40.1"E 35°43.0"N 130°12.2"E 35°37.6"N 130°12.2"E 35°27.9"N 129°51.8"E 35°27.9"N 129°40.1"E
<b>95080</b>	13Ed. 6/24/95 LAST NM 21/03 Add Fish haven area with blue tint [K46.1] bound by dotted line (limiting danger line) joining (42(539)00 Inchon)	24/03 36°20'25"N 126°05'05"E 36°21'04"N 126°05'05"E 36°21'04"N 126°06'58"E 36°21'17"N 126°06'58"E 36°21'17"N 126°07'30"E 36°21'30"N 126°07'30"E 36°21'30"N 126°09'23"E 36°20'51"N 126°09'23"E			

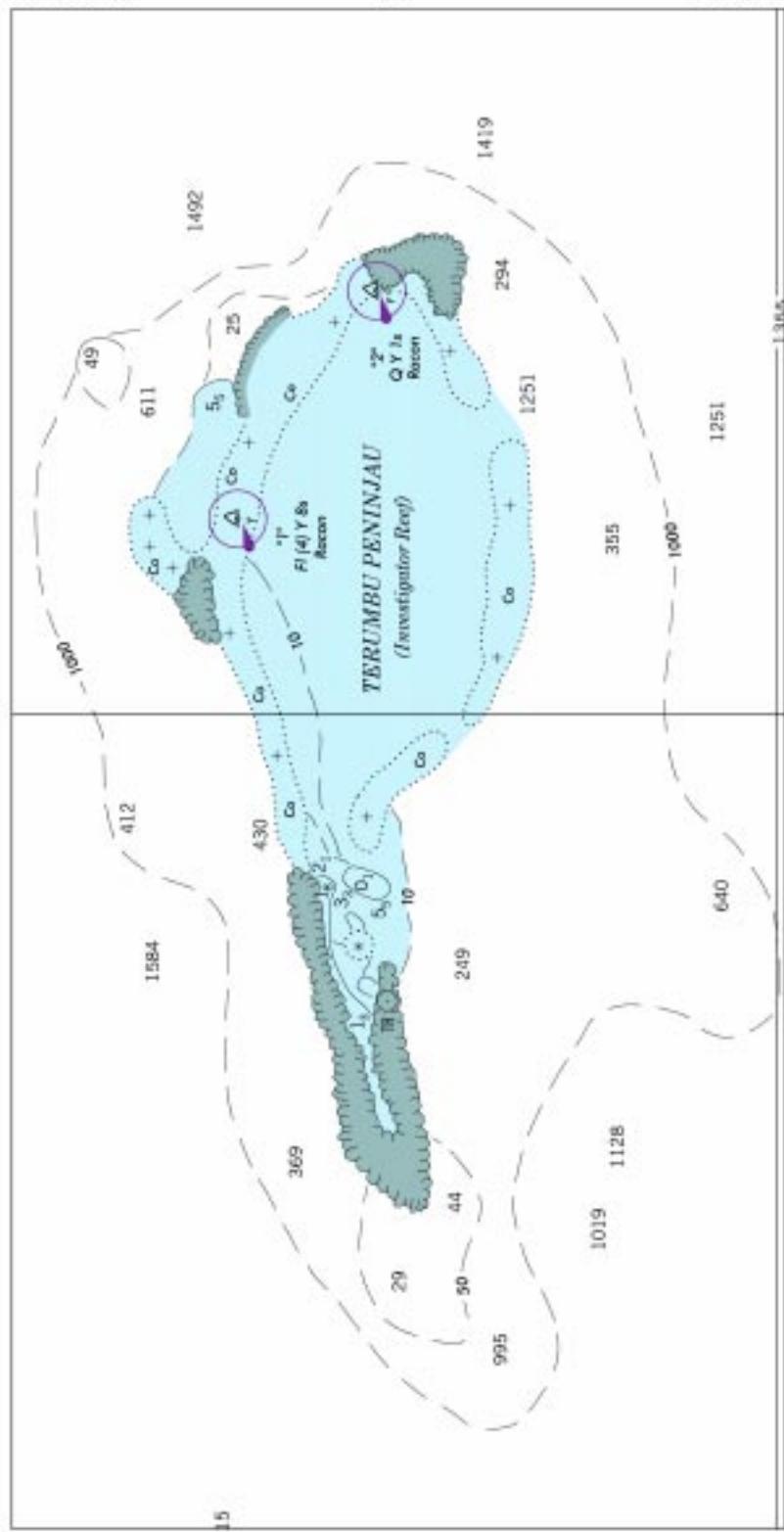
# SECTION I

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Chart 93047

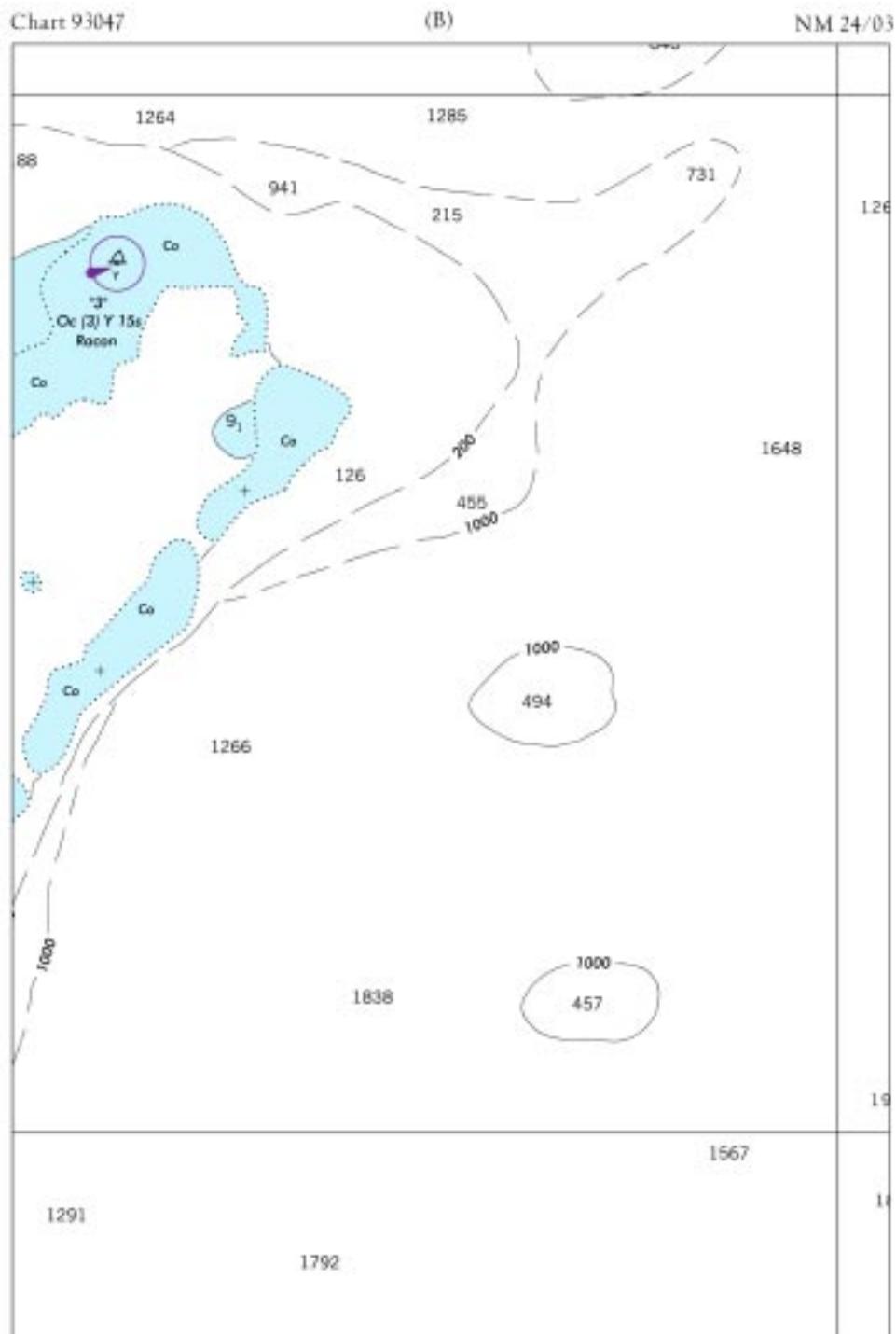
(A)

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## SECTION I

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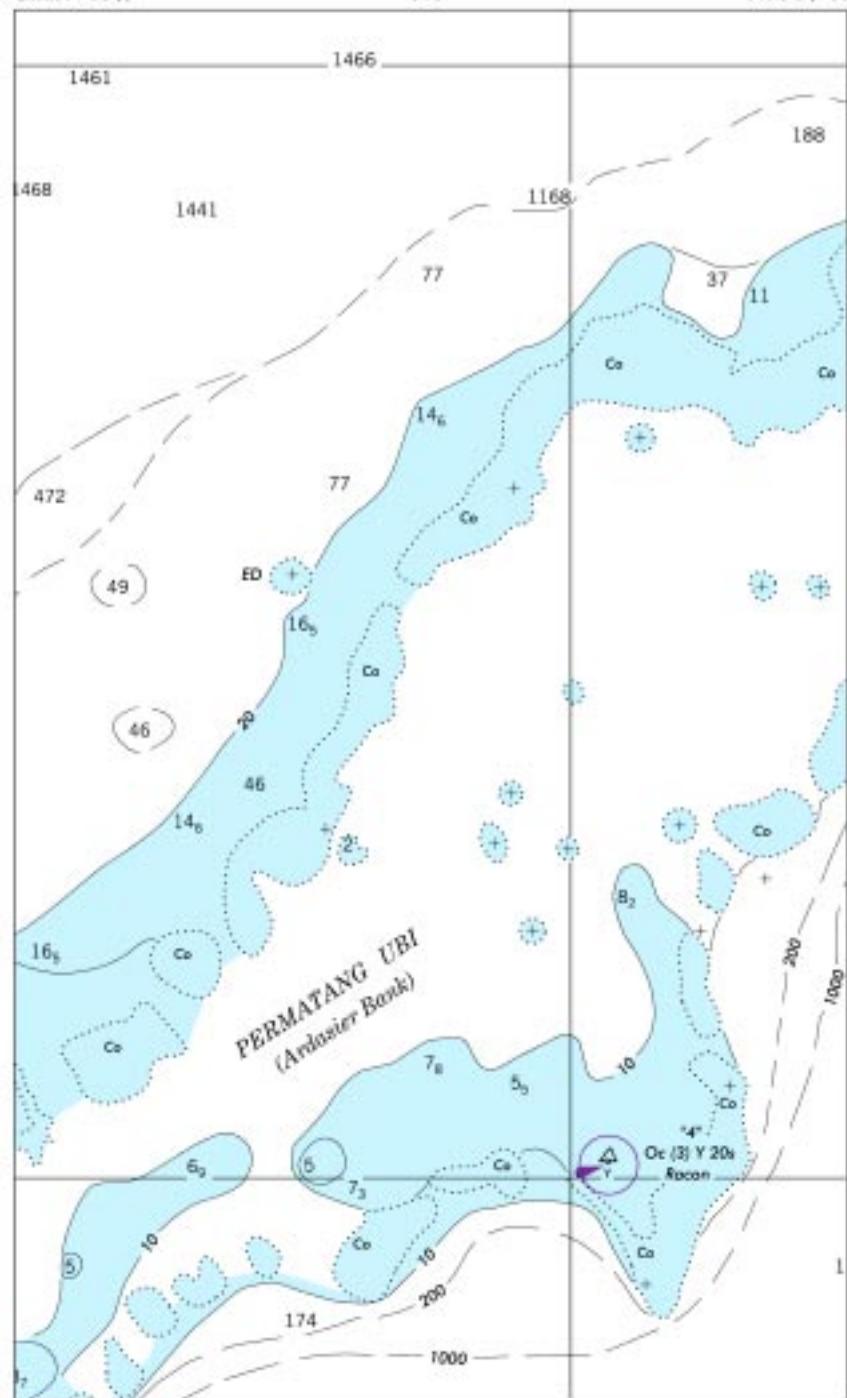
# SECTION I

NM 24/03

Chart 93047

(C)

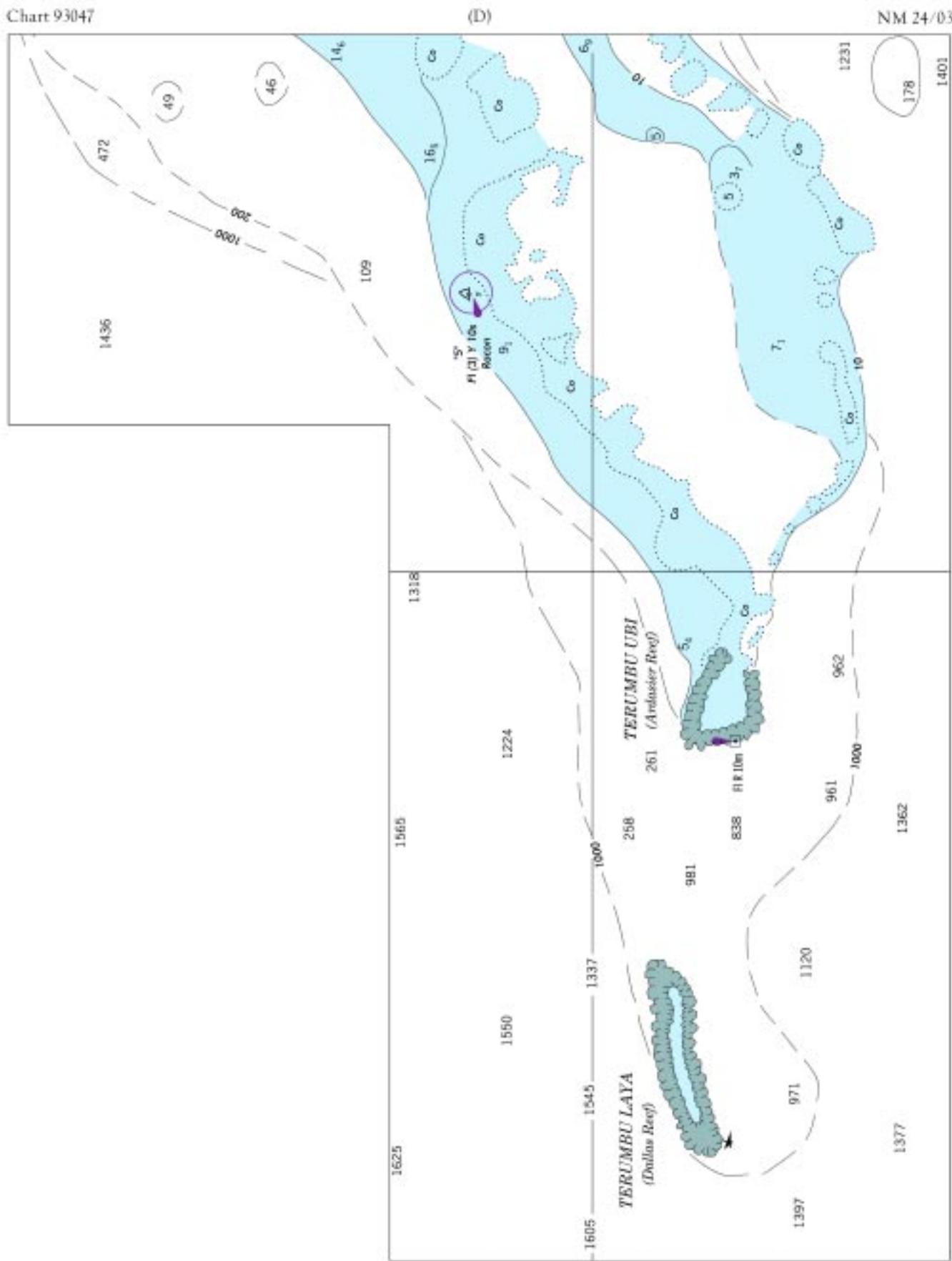
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# SECTION I

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Chart 93047



## SECTION I

NM 24/03

Chart 11512

NM 24/03

SAVANNAH RIVER CHANNEL DEPTHS						
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF APR 2003						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	
TYBEE RANGE	43.0	42.0	43.0	43.0	03-03	600 3.3 44
BLOODY POINT RANGE	43.5	43.0	43.5	43.0	03-03	600 3.0 44
JONES ISLAND RANGE	43.5	42.0	42.5	43.0	03-03	600 1.2 44
TYBEE KNOLL CUT RANGE	44.0	44.0	44.0	44.5	03-03	500 2.5 42
NEW CHANNEL RANGE (A)	43.0	44.0	43.0	43.5	04-03	500 1.6 42
L. I. CROSSING RANGE	39.5	42.0	42.5	40.5	04-03	500 2.6 42
LOWER FLATS RANGE	40.0	43.5	45.0	43.0	04-03	500 1.3 42
UPPER FLATS RANGE	43.0	44.0	45.0	41.0	04-03	500 1.2 42
THE BIGHT CHANNEL	44.0	46.0	45.0	47.0	04-03	500 1.5 42
FT. JACKSON RANGE	45.0	46.0	46.5	42.0	04-03	500 0.7 42
OGLETHORPE RANGE	40.0	45.0	45.0	44.0	04-03	500 1.2 42
WRECKS CHANNEL (B)	42.0	47.0	46.5	45.0	04-03	500 1.5 42
CITY FRONT CHANNEL	43.5	44.0	44.0	37.0	04-03	500 1.5 42
MARSH ISLAND CHANNEL (C)	42.0	44.0	44.0	41.0	04-03	500 1.7 42
KINGS ISLAND CHANNEL (D)	41.0	42.0	42.5	42.0	04-03	500 2.1 42
WHITEHALL CHANNEL (E)	30.0	33.0	33.5	36.0	04-03	400 0.6 42-36
PORT WENTWORTH CHANNEL (F)	30.0	31.5	33.0	32.0	12-94; 03-03	200 1.2 30

A. OYSTER BED I TURNING BASIN-CONTROLLING DEPTH 42.0 FT, 41.0 FT 100 FT FROM BACKSIDE.  
 B. FIG ISLAND TURNING BASIN-CONTROLLING DEPTH 41.0 FT, 38.0 FT 100 FT FROM BACKSIDE.  
 C. MARSH ISLAND TURNING BASIN-CONTROLLING DEPTH 36.0 FT, 33.0 FT 100 FT FROM BACKSIDE.  
 D. KINGS ISLAND TURNING BASIN-CONTROLLING DEPTH 41.0 FT, 40.0 FT 100 FT FROM BACKSIDE.  
 E. ARGYLE ISLAND TURNING BASIN-CONTROLLING DEPTH 39.0 FT 100 FT FROM BACKSIDE.  
 F. PORT WENTWORTH TURNING BASIN-CONTROLLING DEPTH 33.0 FT, 29.0 FT 100 FT FROM BACKSIDE.

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

Chart 11514 (Side A)

NM 24/03

SAVANNAH RIVER CHANNEL DEPTHS						
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF APR 2003						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	
OGLETHORPE RANGE	40.0	45.0	45.0	44.0	04-03	500 1.2 42
WRECKS CHANNEL (A)	42.0	47.0	46.5	45.0	04-03	500 1.5 42
CITY FRONT CHANNEL	43.5	44.0	44.0	37.0	04-03	500 1.5 42
MARSH ISLAND CHANNEL (B)	42.0	44.0	44.0	41.0	04-03	500 1.7 42
KINGS ISLAND CHANNEL (C)	41.0	42.0	42.5	42.0	04-03	500 2.1 42
WHITEHALL CHANNEL (D)	30.0	33.0	33.5	36.0	04-03	400 0.6 42-36
PORT WENTWORTH CHANNEL (E)	30.0	31.5	33.0	32.0	12-94; 03-03	200 1.2 30

A. FIG ISLAND TURNING BASIN-CONTROLLING DEPTH 41.0, 38.0 FT 100 FT FROM BACKSIDE.  
 B. MARSH ISLAND TURNING BASIN-CONTROLLING DEPTH 36.0 FT, 33.0 FT 100 FT FROM BACKSIDE.  
 C. KINGS ISLAND TURNING BASIN-CONTROLLING DEPTH 41.0 FT, 40.0 FT 100 FT FROM BACKSIDE.  
 D. ARGYLE ISLAND TURNING BASIN-CONTROLLING DEPTH 39.0 FT 100 FT FROM BACKSIDE.  
 E. PORT WENTWORTH TURNING BASIN-CONTROLLING DEPTH 33.0 FT, 29.0 FT 100 FT FROM BACKSIDE.

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

## SECTION I

NM 24/03

Chart 12311

NM 24/03

CHRISTINA RIVER CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO MAR 2003							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT CHRISTINA RIVER DATUM					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (NAUT FEET)	LENGTH (MILES)	DEPTH (FEET)
ENTRANCE CHANNEL TO THE UPPER END OF THE TURNING BASIN	27.1	28.9	31.9	3-03	500-340	0.70	38
THENCE TO THE LOBDELL CANAL TURNING BASIN (OPPOSITE TERMINAL WHARF)	33.7	32.0	30.9	3-03	400	0.33	35
	32.3	32.8	34.0	3-03	320	0.34	38

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

Chart 12312

NM 24/03

CHRISTINA RIVER CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO MAR 2003							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT CHRISTINA RIVER DATUM					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (NAUT FEET)	LENGTH (MILES)	DEPTH (FEET)
ENTRANCE CHANNEL TO THE UPPER END OF THE TURNING BASIN	27.1	28.9	31.9	3-03	500-340	0.70	38
THENCE TO THE LOBDELL CANAL TURNING BASIN (OPPOSITE TERMINAL WHARF)	33.7	32.0	30.9	3-03	400	0.33	35
	32.3	32.8	34.0	3-03	320	0.34	38

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

Chart 12368

NM 24/03

STAMFORD HARBOR CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2003 AND SURVEYS TO MAR 2001							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH (FEET)
OUTER REACH	14.1	15.2	15.4	3-01	200	0.6	18
INNER REACH	11.5	14.0	12.7	3-01	200	0.4	15
WEST BRANCH	8.5	12.5	9.8	3-01	125	0.8	15
TURNING BASIN	A8.2	B9.7	8.3	3-01	125-380	0.25	15
EAST BRANCH: TO HURRICANE BARRIER	10.0	11.8	7.0	3-01	100-125	0.44	12
THENCE TO 41°0'236.8"N, 73°31'49.5"W	7.3	9.9	6.8	3-01	100-150	0.46	12
THENCE TO END OF PROJECT	2.5	C3.5	4.1	3-01	100-75	0.35	12

A. EXCEPT SHOALING TO 1.6 FEET WITHIN 300 FEET OF THE NORTH END OF THE TURNING BASIN.  
 B. EXCEPT SHOALING TO 3.5 FEET WITHIN 250 FEET OF THE NORTH END OF THE TURNING BASIN.  
 C. EXCEPT SHOALING TO 0.7 FEET WITHIN 80 FEET OF THE END OF THE PROJECT.  
 NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 72000

NM 24/03

**ASL-ARCHIPELAGIC SEA LANES**

Archipelagic Sea Lanes as defined in UNCLOS have been designated in the area of this chart. Use of an ASL is not mandatory. However, vessels exercising archipelagic sea lanes passage shall not deviate more than 25 miles from the charted axis line. Where an island borders the sea lane, ships in the archipelagic sea lanes may not navigate closer to the shore than 10 per cent of the distance between the nearest point on the island and the axis line of the sea lane.

Where a traffic separation scheme exists, rules for the use of the traffic separation schemes will apply. It should be noted that the axis line of the ASL does not indicate the deepest water, any route or recommended track.

For further details, see Sailing Directions.

## CHARTS AFFECTED BY NOTICE TO MARINERS NM 15/02 THROUGH NM 24/03

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	45/02	11309	36	21,26,28,36,46/02;1,6,7, 22,24/03	11369	44	9*,18,19,21/03	11476	19	16/02;6/03
20	3	18/03	11310	1	N21,N46/02;N22,N23/03	11370	23	17,31,33,40,51/02;9,21, 23,24/03	11477	6	N16/02
22	1	18/03	11311	23	15*,21,46/02	11371	35	7,24/03	11478	19	15,16,31,49/02;6,19/03
50	5	17/02	11312	3	21,26,28,36,46/02;1,6,7, 22,23/03	11372	30	2*,7,8,10,19,23,24/03	11479	4	N15,N24,N27,N28,N29, N35,N50/02;N6,N23/03
52	1	18/02	11313	22	31/02;22/03	11373	42	31*,33,37,40,41,42,45, 49/02;7,9,19,20,21,23, 24/03	11480	37	32,35/02;1,17,19/03
53	2	17/02	11314	22	17*,21,22/03	11374	31	45*,49,50/02;1,2,7,8,9, 19,20,23,24/03	11481	4	42*,49/02;6,12,13,19/03
70	4	7/03	11315	30	37/02*	11375	35	1*,2,5,7,9,20,23,24/03	11484	21	15,16/02
71	4	7/03	11316	39	17*,22/03	11376	48	15,16,21,22,23,25,27,29, 31,40,45,50/02;2,7,19,20, 21,22,23,24/03	11485	33	22/03*
72	4	7/03	11317	29	20*,21,25,37,40,49/02; 16,19,20,21,23/03	11377	4	26*,40,50/02;2,20,21,22, 23,24/03	11488	24	7,17/03
101	3	48/02	11318	1	N21,N29,N46/02;N6, N24/03	11378	32	11*,12,18,20,21,22,24/03	11489	34	8*,12,20,22/03
103	5	16/03	11319	31	17*,19,20/03	11379	39	46/02*,9/03	11491	33	18,22,28,29,30,34,37, 38/02;12/03
108	9	32,35/02	11320	1	N28/02;N22,N23,N24/03	11380	49	19*,22,27,30,32/02;9, 18/03	11493	9	N24,N39/02;N12,N20, N22/03
124	10	18/03	11321	29	22,28,39,40,41,45/02;	11384	32	18,22,30,32/02;9/03	11494	8	N24,N39/02;N22/03
125	7	21/03	11322	28	19*,20,23/03	11385	25	23/02*	11495	16	19/02*
126	39	21/03	11323	59	26*,28,33,37,39,45/02;1, 6,7,9,20,23/03	11388	16	17/02;24/03	11496	9	N32,N35/02;N1,N17, N19/03
301	1	14,21,24/03	11324	32	22*,24,25,31,33,37/02;1, 6,7,9,10,16,20,21,23/03	11389	32	18,23,28,33,37/02;2,7/03	11498	16	19/02*
302	1	2/03	11325	34	19*,21,24,35,37,39,49/02;4, 6,8,16/03	11390	22	23*,27,33,34,37/02;7, 21/03	11502	28	14,17,20,22/03
310	20	21,14,21,24/03	11326	31	7*,9,16,20,21,22,23, 24/03	11391	22	18,23,33,34/02;7,21/03	11503	39	38*,39,43/02;12,14,17, 20,22/03
400	3	23,26,31,32,33,35,45/02	11327	30	16,21,22,24,28,37,49/02; 1,6,16,19,20,22,24/03	11392	6	34/02;21/03	11504	15	12,22/03
401	5	22,23,26,31,33,35,45/02; 14/03	11328	22	21,36,37,39,47,49/02;4,6, 16,20,21,22/03	11393	20	18/02	11505	1	16,18,26,28,31,34,40, 49/02;1,4,5,11,22/03
411	49	19*,22,23,24/03	11329	34	19*,21,24,35,37,39,49/02;4, 6,8,16/03	11394	34	23,39/02;4,9,11,12,13/03	11506	40	10*,19,22/03
500	7	21/03	11330	31	7*,16,20,21,22,23, 24/03	11395	16	17/02;24/03	11507	31	9*,12,20/03
501	12	9*,10,18,21,22,24/03	11331	18	17,23/02;8,19,23/03	11398	32	18,23,28,33,37/02;2,7/03	11508	21	10/03*
502	2	52/02	11332	28	42*,43,49,51/02;6,17,19, 20,23/03	11400	34	23,39/02;4,9,11,12,13/03	11509	27	20/02;1,11,24/03
507	2	45/02	11333	1	N28/02	11401	29	23/02	11510	18	34/02
508	2	15,24,45/02	11334	67	2*,5,6,7,8,9,14,17,18,19, 21,22,23,24/03	11404	21	15,23,50/02;9,19/03	11511	16	11/03
513	6	17,38/02	11335	30	16,21,22,24,28,37,49/02; 1,6,16,19,20,22,24/03	11405	28	31/02*,9,19/03	11512	59	10*,11,15,20,22,24/03
520	127	20,38/02	11336	18	22,23/03	11406	11	9/03	11513	23	18,32,49/02;1,24/03
521	11	17/02	11337	22	21,36,37,39,47,49/02;4,6, 16,20,21,22/03	11407	18	15/02*	11514	26	37*,40,49/02;4,5,15,22, 24/03
522	87	18/02	11338	28	42*,43,49,51/02;6,17,19, 20,23/03	11408	28	3/03*	11516	29	18,24,37,49/02
523	8	17/02	11339	1	N28/02	11409	27	4,11/03	11517	17	32/02;24/03
524	12	18,47/02	11340	67	2*,5,6,7,8,9,14,17,18,19, 21,22,23,24/03	11411	14	43*,45/02;7,20/03	11518	33	14*,19/03
525	3	18/02	11341	39	14*,17,21,22,23/03	11412	41	42*,45/02;1,6,7,11,12,13, 14,20/03	11520	40	31*,39,40,44,46,51/02;4, 6,7,8,19/03
526	10	18,47/02;6/03	11342	51	17,21,23,24,30,37,49/02;4, 6,8,16/03	11415	5	42*,45/02;1,2,7,14,20/03	11521	26	15*,17,32,35/02;9,19, 24/03
530	30	22*,26,37,38,40,52/02;6, 10,18,21,22,24/03	11343	51	21,22,23,24/03	11416	5	42,48/02;1,2,6,11,12,14, 20/03	11523	21	15*,17,32,35,52/02;5,9, 19,24/03
531	21	18*,47,52/02;21,24/03	11344	35	9*,19,22,23/03	11420	27	20*,21,22,23/03	11524	46	8*,11,12,13,15,17,19,20, 22/03
532	17	17,38/02	11345	31	9/03*	11423	7	N20,N24,N39,N42/02; N4,N8,N15,N21,N22/03	11525	6	N17,N19,N23,N39,N40, N44,N46,N51/02;N4,N6, N8,N24/03
540	16	51/02;16/03	11346	33	42*,43,47,49/02;4,6,7,8,	11424	18	14/03	11526	10	20/03*
541	2	6/03	11347	40	38*,42,51/02;23/03	11425	34	46*,49/02;4/03	11527	16	37/02;20/03
550	7	18,24,45/02;6/03	11348	40	38*,42,51/02;23/03	11426	35	31/02*	11531	21	31/02*,11/03
601	4	6,8/03	11349	40	38*,42,51/02;23/03	11427	33	2/03*	11532	20	15*,37/02
602	6	47/02;6/03	11350	24	15/02*	11428	32	52/02*,6/03	11534	32	17/03*
603	6	47/02;10/03	11351	38	20*,22,23/03	11429	21	47/02*	11535	12	25,46/02
604	5	18/02	11352	36	3*,7,8,9,20,22,24/03	11430	25	17/03*	11536	15	19*,40/02;4,7/03
605	4	6/03	11353	2	21*,24,25,26,35,38,43, 45,49/02;4,5,7,18,20, 21,19,20,23/03	11431	12	31/02*	11537	34	21*,23/03
606	1	17/03	11354	23	15,16,19,22,27,28,33,37, 38,40,47,51/02;7,8,20, 22/03	11432	39	36/02;6,7,15,20/03	11539	18	39,44,51/02;6/03
607	1	17/03	11355	24	37*,40,51/02;22/03	11433	33	6,7,15/03	11541	33	8*,9,14,22/03
621	5	22/02	11356	34	28,29,39,40,42,45,47, 51/02;6,7,19,22/03	11434	30	7,15/03	11542	15	39/02
622	9	20,47/02;6/03	11357	35	36*,37,40,42,51/02;6,9, 19,21,23,24/03	11435	31	20*,22/03	11543	22	18,29,39/02;8/03
623	9	47/02;19/03	11358	51	23*,24,26,27,31,39,42, 51/02;7,21/03	11436	24	21/02*,15,21,22/03	11544	37	36/02*,8/03
624	3	22/02	11359	11	22*,26,39/02	11437	13	N20/02;N8,N15,N21, N22/03	11545	60	45*,47/02;6,8,14,22,23, 24/03
632	8	15,24,45/02	11360	40	1*,2,5,6,8,19,23,24/03	11438	11	7,8,21/03	11547	35	22*,25,29,30,37,47/02;6, 8,14,22,23/03
702	5	7/03	11361	70	21*,23,24/03	11439	25	15/02*,6,7,15,22/03	11548	38	47/02*
703	4	46/02;7/03	11362	4	N16,N17,N18,N22,N23, N24,N28,N29,N31,N33, N36,N39,N40,N47/02;	11440	39	36/02;6,7,15,20/03	11550	28	17/03*
705	3	46,52/02	11363	38	26*,29,35,38,40,43,49, 51/02;4,5,7,18,19,20,21, 22,24/03	11441	17	24/03*	11553	28	8/03*
709	2	50/02;19/03	11364	39	3*,4,5,8,9,18,19,21,23/03	11442	16	28/02;7/03	11555	38	36/02*,7,24/03
800	4	17/02	11365	17	52/02*,9/03	11443	16	7/03	12200	25	N15,N17,N19,N23,N42, N52/02;N7,N12,N18, N24/03
803	1	17/02	11366	7	48*,51/02;5,6,7,8,19,21, 23,24/03	11444	24	22*,28/02;22/03	12201	35	10/03*
11004	7	15,16,18,22,26,28,31,37, 39,40,42,43,45,47,51/02; 5,6,7,8,9,14,18,21,22,23, 24/03	11367	31	16,17,25,33/02;19,21, 23/03	11445	37	47*,50/02;4,12,21,23/03	12202	27	37*,43,52/02;18/03
11006	30	28*,36,39,40/02;2,6,19, 21,23,24/03	11368	7	48*,51/02;5,6,7,8,19,21, 23,24/03	11446	35	15,24,26,27,28,29,30,35, 50/02;7,9,12,21,23/03	12206	29	31*,33,38,46/02;10/03
11009	36	19,23,24,32,35,44,51/02;	11369	17	52/02*,9/03	11447	37	47*,50/02;4,12,21,23/03	12207	20	23,50,52/02;18/03
11013	44	18*,20,35,35/02;6,7,8,9, 13,16,21,22,23,24/03	11370	7	48*,51/02;5,6,7,8,19,21, 23,24/03	11448	39	42*,43,49/02	12208	9	23/03*
11300	38	26*,28,30,31,37,39,40, 41,42,45,51/02;1,6,7,8, 19,20,21,22,23/03	11371	17	52/02*,9/03	11449	5	15,24,27,35,50/02;7,9,12,	12210	36	8/03*
11301	23	21,37/02;16,24/03	11372	17	52/02*,9/03	11450	16	21,23/03	12211	41	10/03*
11302	29	34*,37/02;16,24/03	11373	7	48*,51/02;5,6,7,8,19,21, 23,24/03	11451	31	21,23/03	12214	44	14*,19/03
11305	1	N21,N26,N29,N36, N46/02;N1,N6,N7/03	11374	31	16,17,25,33/02;19,21, 23/03	11452	16	10*,12/03	12216	27	47/02*,19/03
11307	36	28,31/02;22,24/03	11375	31	16,17,25,33/02;19,21, 23/03	11453	16	7/03	12221	73	52/02*,14,6,7,18,19/03
11308	22	3*,7,10,23/03	11376	22	38/02*,19,21,23/03	114					

## SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS  
NM 15/02 THROUGH NM 24/03

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.
12225	54	22/03*	12367	23	18/02	13309	28	42/02*;9/03	14823	30	1/03*
12226	16	22,30/02;7/03	12368	26	42/02*;24/03	13312	21	10/03*	14824	25	24/02
12228	29	43/02*	12369	25	31*;44/02	13313	19	21,25,41,49,52/02;6,9/03	14826	27	4/03*
12230	59	52/02*;1,7,14,22/03	12370	18	39/02*	13315	11	19*,49/02	14829	5	21/02
12231	26	31,35,46/02;7/03	12371	22	28,47/02;6,13/03	13318	18	38*,41,52/02;5,6,21/03	14830	29	18,23,39,51/02;2/03
12233	35	3*,4,5,6,14/03	12372	31	45*,47,48/02;2,5,6,23/03	13321	9	20/03*	14832	34	52/02*
12235	29	30,31,47/02;4,6,7,17/03	12373	14	2/03	13322	9	19/02*	14833	25	20,26/02
12237	26	27,47/02;17/03	12375	21	22/02	13323	7	5/03	14835	31	39/02
12238	37	46/02*;1,4,7,19/03	12377	14	22,25,37/02	13324	13	41,52/02;2/03	14836	27	42/02*
12241	21	16,34,44/02;7/03	12378	14	2,13,23/03	13325	14	2/03	14837	27	26/02*;3/03
12245	61	14*,15,18,24/03	12401	7	31*,47/02;2,13/03	13326	12	41,43/02	14838	3	52/02*
12248	39	18*,30,33,40,50/02;4,5,6, 8,15,22/03	12402	8	31*,33,47/02;13/03	13392	2	6/03	14839	36	9/03*
12251	23	35/02;4,6,7,15/03	13000		N21,N25,N48,N49/02; N21/03	13394	3	39/02*;9,21/03	14842	12	18,23,39/02;2,4/03
12252	23	33,34/02;4,7,10,15,17/03	13003	46	9*,12,18,23/03	13396	4	9,19,21/03	14843	22	23,39,51/02
12253	42	33,38,42,46,50/02;10, 13/03	13006	30	39*,44,48,49,50/02;1,5,9, 17,18,P21,23/03	13398	3	19*,36/02	14844	31	18/02;4/03
12254	43	38*,43,44/02	13009	30	42*,48,49/02;1,9,18, 23/03	14002	57	21/02	14845	26	18/02;4/03
12255	15	44/02	13200	33	25,37,48/02;7,9,18/03	14003	6	16,25,48,49/02;5,9,12/03	14846	11	18,23,24,39,40/02;2/03
12256	13	19*,33,44/02;24/03	13201	10	N25,N37,N48/02;N9, N18/03	14008	76	21/02	14847	30	24,40/02
12261	28	37*,44/02;7,18,22/03	13203	12	37/02	14010	5	21,35/02	14848	56	23,24,31/02;9,17,21, 22/03
12263	51	38/02*;7,18,20,24/03	13205	36	37,42,45,48/02;1,5,23/03	14018	6	16/02	14850	51	21*,23/02;7,21/03
12264	28	38/02*;7/03	13209	23	37/02;23/03	14024	5	33,36,39/02;12,22/03	14852	45	19*,21/03
12266	27	30/02;20/03	13211	13	21,23,47/02	14040	65	40/02	14853	13	21*,23,24,25,26,31, 37/02;7,9,17,21,22/03
12268	10	22/02*	13212	35	9*,13/03	14043	7	21/03	14854	13	24/02;17/03
12270	32	9*,18,24/03	13213	40	14/03*	14044	44	6/03	14860	35	21,24/02
12272	29	26*,27,36,45/02;13, 16/03	13214	27	34*,45,48/02;5/03	14046	11	6/03	14862	28	26/02*
12273	53	26*,31,36,45,50/02;5,15, 17,19/03	13215	17	45,48/02;1,5/03	14048	58	33/02	14863	30	24/02
12274	33	37*,50/02;5,15,17/03	13216	1	N48/02	14088	10	41/02*	14864	26	24,37/02
12277	31	26*,50/02;8/03	13218	38	29,42,45,51/02;5/03	14089	29	41/02*	14865	16	4/03
12278	72	26*,36,45/02;19/03	13221	53	15,29,44,51/02;2,5,7/03	14090	2	33/02	14867	25	32/02
12280	3	37*,43,45,46,47,50, 52/02;1,6,7,18/03	13223	36	15,52/02;2/03	14091	6	41/02*	14871	2	21/02
12281	49	15/02;12,19/03	13224	36	44/02;5/03	14111	7	14/03	14872	3	21/02
12282	33	31*,44/02;7,8,18,19/03	13226	5	44/02;6,7/03	14144	29	21/02	14873	2	35/02
12283	24	8,18/03	13227	13	7/03	14151	2	37/02	14880	30	33/02;4/03
12284	15	7/03	13228	11	51,52/02	14180	38	21/02	14881	31	28*,33/02
12285	35	11*,14,19,22/03	13229	27	17,39,42,45,52/02;1,7, 19/03	14204	21	19/02	14883	42	17,23/02
12286	29	2*,4,6/03	13230	46	2*,7,19/03	14206	20	19/02	14885	20	51/02
12288	19	27/02	13232	4	39,42/02	14208	28	40/02	14901	14	52/02*;5/03
12289	48	10*,19,22/03	13233	16	17/02;10/03	14221	26	40,46/02	14902	28	24,25,31/02;4/03
12300	43	19/03*	13235	5	17/02	14222	16	46/02	14903	22	23,32/02
12301	21	N20*,N28,N29,N37, N39,N42,N45/02;N5, N17/03	13236	29	45/02;1,7,19/03	14223	18	3,16/03	14904	25	17,31,32,46/02
12304	43	21/03*	13237	38	17,42,48/02;7,10,20/03	14225	17	38/02;16/03	14905	29	31,35,37/02;5/03
12311	41	15,18,28,31,42,50,52/02; 8,24/03	13240	15	21*,34,42/02	14226	32	40/02;6/03	14906	23	5/03
12312	52	10*,15,24/03	13244	39	22*,48/02;7/03	14228	11	40/02;6/03	14907	25	17/02
12313	48	18,21,27,31,33,43,52/02	13246	36	26,27/02;8/03	14240	6	16,34/02;1/03	14910	23	17/03*
12314	30	46*,50/02;5/03	13249	12	22/03*	14242	13	34/02	14911	20	4/03
12316	29	2*,6/03	13253	18	3*,8/03	14243	8	19,34/02	14912	16	21/03
12317	31	15*,26,37,50/02	13260	38	28*,36,43,48,49,50/02;1, 7,9,18,P21,23/03	14244	5	19/02;16/03	14916	10	45/02*;17/03
12318	41	9/03*	13263	7	N20,N21,N25,N27,N36, N43,N48,N49/02;N1,N7, N9,N18,NP21,N23/03	14260	47	35/02	14917	23	17/02;3/03
12323	23	19,40/02;4/03	13264	103	21,36,49/02;9,P21/03	14280	37	35/02	14918	26	25/02;17/03
12324	30	2*,8/03	13267	30	17,19,27,52/02;1,7,9/03	14310	2	52/02;12/03	14919	27	24/02
12326	48	17,18,27,28/02;4,8,17, 19/03	13270	59	17,19,33,34,40,43/02;1,2, 7,12/03	14340	25	12/03	14922	19	26*,51/02;9/03
12327	96	1*,2,8,12,13,14,16,18,19, 23/03	13272	47	19,28,40/02;8/03	14341	5	12/03	14924	27	28*,32/02;5/03
12331	30	8*,13,14,18/03	13274	24	17,19,27,45,52/02;1,2, 16/03	14345	5	37,40/02;12,22/03	14926	9	18,31,32,35,37/02
12332	21	15,22,43,46/02;13,18/03	13275	27	17,19,27,45,52/02;1,2,7, 16/03	14349	7	16/02	14927	24	21*,31,32,35,37/02
12333	32	46*,47/02;5,12,16,18, 23/03	13276	21	19,27,52/02	14357	N52/02		14928	21	4/03*
12334	65	10*,12,16,19/03	13278	25	1,9/03	14358	N17,N36/02		14929	24	14/03*
12335	39	1,8,23/03	13279	30	20/03*	14360	36	16,26,33,36/02	14930	24	45/02
12337	22	15,20,28,31,45/02;13, 18/03	13282	11	21/03*	14386	3	36/02	14931	24	35/02*
12338	9	21/03*	13283	18	1,9/03	14415	4	33/02	14932	22	32/02;9/03
12339	43	23/03	13285	10	20/03	14450	27	52/02*	14933	24	35*,37/02
12341	25	22/02*;21/03	13288	40	15*,20,23,29,36,43,50, 51/02	14476	N31/02*		14934	27	17/03*
12343	18	37/02*;7,21/03	13290	34	20,36,40,43,50,51/02;7, 16/03	14477	17	15/02	14935	21	17/02
12345	10	42/02*;21/03	13292	36	20*,36,40/02;7,16/03	14478	24	21,22/02	14937	24	52/02*;2,17/03
12347	29	25/02	13295	11	2*,14/03	14480	9	19,23/02	14942	25	35/02
12348	33	25/02	13296	25	43/02	14483	26	5/03	14963	20	51/02
12350	57	39*,49/02	13298	10	43,52/02	14484	24	20/02*;5/03	14965	21	11/03*
12352	29	34/02;17/03	13299	11	20/03*	14486	13	24/02	14966	25	14*,21/03
12354	39	22,28,33,37,45/02;2,6,7, 10,23/03	13301	20	25,33,51/02;23/03	14487	16	15,19/02	14967	22	5/03
12358	19	46*,49/02;1,7,10/03	13302	21	20,25,41/02;2,7,9/03	14488	4	19/02	14970	25	40,46,51/02
12362	16	49/02	13303	12	48/02*;7,9/03	14489	1	15/03	14972	25	21/02
12363	39	18,28,44/02;6,23/03	13305	28	25,40,41,49/02;2,7,9/03	14490	2	15/03	14973	27	15/03*
12364	34	20*,23/03	13307	10	23/03	14491	21	2/03*	14974	24	32/02
12365	26	18/02;6,23/03	13308	11	40/02	14492	11	10/03*	14975	33	52/02*
12366	27	51/02;20/03	13308	11	40/02	14513	1	15/03	14976	22	5/03
12366	27	51/02;20/03				14562			14977	27	15/03*
						14569			14978	24	32/02
						14570			14979	24	32/02
						14576			14980	9	18/02*
						14588			14981	11	52/02*
						14594			14982	31	10/03*
						14595			14983	16	18/02*;13/03
						14596					

## SECTION I

**CHARTS AFFECTED BY NOTICE TO MARINERS  
NM 15/02 THROUGH NM 24/03**

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.
16006	33	6/03	17384	7	44/02	18415	8	42/02;7,22/03	18645	24	15,19,50/02
16011	35	38/02;8/03	17385	14	14/03*	18416	6	P44,48/02;22/03	18647	15	2/03*
16012	21	38/02	17400	16	15,36/02;10,12/03	18418	6	15/03	18649	62	15,19,20,23,33,36,38, 41/02;4,6,21/03
16013	28	17,22,29,52/02;21/03	17401	10	1/03	18419	11	47/02;12/03	18650	51	28*,33,38,41/02;4,21/03
16042	7	39/02*	17402	10	46/02*	18420	1	22/03	18651	42	15/03*
16061	8	19*,27,37,49/02;13, 17/03	17405	14	12/03	18421	45	2*,18,20,22/03	18652	31	18,19,20,23,26,27,30,33, 38,41,49/02;4,6,7,12,16, 21/03
16300	8	52/02;3,8/03	17413	2	43,50/02;10/03	18423	33	1*,5,7,9,15,18/03	18653	9	15,19,36,38,41/02;4,6, 21/03
16305	9	8/03	17414	3	41/02	18424	25	7/03	18654	42	28*,38,49/02;12,16/03
16322	7	8/03	17416	3	10,14/03	18427	21	35/02*,7,19/03	18655	58	19,49/02;12,16/03
16363	12	38/02*	17420	26	36,37,42,43,50/02;1,10, 12,14,20/03	18428	9	19/02*	18656	53	19*,21/03
16380	13	17/02	17422	8	52/02*	18429	9	3*,22/03	18657	18	19,26,27,30/02;4,21/03
16381	8	8/03	17425	6	18/02*	18430	7	28/02*,6,7,22/03	18658	29	23,26,27/02;4,21/03
16382	10	17/02	17426	13	37/02;1,16,20/03	18431	6	2/03*	18659	14	26,30,49/02;7,16,21/03
16435	5	27/02	17427	7	16/02;21/03	18432	5	2*,22/03	18660	1	30,49/02;7,16/03
16440	13	37/02	17428	7	5/03	18433	4	15,26,P44,48/02;6,9/03	18661	27	15*,16/03
16441	7	37/02	17429	2	N38/02*	18440	26	3*,15,18,22/03	18662	20	30/02;7/03
16442	6	37/02	17430	10	5/03	18441	42	30*,32,39/02;6,7,9,15, 18/03	18663	5	14/03*
16480	10	38/02	17434	11	5/03	18443	15	17,39/02;6/03	18666	1	26/02;21/03
16500	9	9/03	17436	6	20/03	18444	15	17,39/02	18680	30	15/02;6,13/03
16520	21	2/03	17437	8	16/02;21/03	18445	29	15,17,22,28,32,33,39/02; 6,7,9,10,15,18,22/03	18685	31	25/02;6,12/03
16521	5	27/02	17438	12	16,50/02;10,14,15,21/03	18446	15	6,7,9,18,19/03	18687	13	8/03*
16529	14	50/02;9/03	17441	7	10,15/03	18447	26	27,52/02;6,7,10,18/03	18700	21	34,36,37/02;4,6,10,13, 21/03
16530	6	50/02	17443	12	10/03	18448	32	15,17,33/02;10,15,22/03	18704	12	37/02
16531	7	18/02*	17445	2	16/02;10,14/03	18449	17	15,17/02;7/03	18720	31	23,35/02;4,6,10,12/03
16535	12	2,21/03	17446		N10/03	18450	17	9/03*	18721	11	35/02;6,10/03
16549	14	4,16/03	17460		N5/03	18452	16	17/02	18723	3	6/03
16553	3	17/03	17465	4	6,12/03	18453	24	14/03*	18724	1	22/03*
16556	4	8/03*	17470		N23/03	18455	2	N17,N22,N39/02;N15/03	18725	26	23,35/02;4,6,12/03
16566	10	17/02	17471		N15/02;N6/03	18457	9	15/02	18740	39	16,20,23,34,37,45,50/02; 5,6,12/03
16568	12	39/02*	17472	4	5,14/03	18458	15	19/03*	18741	18	N25,N45,N50/02;N12/03
16575	1	39/02	17480	4	15,43/02;5,10/03	18459	5	N17,N22,N32,N39/02;	18744	30	37/02
16576	3	42/02;6/03	17482		N7,N14/03	18473	7	4*,18,19/03	18746	31	23,35/02;4,6,10/03
16580	11	39/02	17485	4	16/02	18474	7	45/02*,7,10,15,22/03	18747	34	20,23,34/02;5,13/03
16590	10	38/02*	17489	19	43/02	18476	4	17,22,32,39/02;7,9/03	18748	34	20,23,34/02;5,13/03
16592	9	16/03	17495	2	43/02	18477	5	7/03	18749	38	16,18,20,23,25,27,40/02; 5,6,16,21/03
16593	11	14/03*	17503	4	43/02	18480	29	2*,6,7/03	18751	42	16,20,25,27,40/02;5,6,16, 21/03
16594	13	2/03	17513		N42,N43/02;N15/03	18484	10	28,40/02;15/03	18754	16	36/02
16595	14	2/03	17515	7	6,15,16/03	18485	15	2*,10/03	18755	10	13/03
16596	12	39/02*	17517	8	6,15,16/03	18500	28	19*,22,32,39/02;12, 22/03	18756	15	20/02
16597	8	16,43/02	17518	7	P44,48/02;16,18,20/03	18502	84	30*,32,39,42,49/02;9, 21/03	18761	2	N20/02
16598	9	43/02	17519	13	16/03	18504	65	19/03*	18762	15	20/02
16599	6	16,43/02	17520	2	N6,N16/03	18520	24	33,39/02;22/03	18763	9	20/02
16603	7	42/02;6/03	17521		N15/03	18521	69	34*,39,49/02;4,10,12,21, 22,24/03	18765	15	18*,25,45,50/02;12/03
16604	11	22/02*	17522		N15/03	18523	53	15,25,26,33/02;4,12/03	18766	7	25,45,50/02;12/03
16606	11	37/02*,21/03	17523		N15/03	18524	33	18*,26,28,31,33/02;4,6, 10,24/03	18768	4	N25,N45,N50/02;N12/03
16608	3	6/03	17524		N12,N15/03	18525	33	15,28,31,33/02;4,9/03 18/03	18771	2	N20/02
16640	24	21/03	17525		N15/03	18527	21	16,31/02	18772	15	21/03*
16646	12	8/03	17526		N15/03	18528	10	52/02*,18/03	18773	38	18,20,23,25,50/02;10,12, 13/03
16660	28	22,25,29,42/02;6,16/03	17528		N43/02;N6,12/03	18529	10	52/02*	18774	10	35/02*,10,16/03
16662	6	22,29/02	17541	3	43/02	18530	20	26,31,34/02;9,10/03	18775	2	N20/02
16663	6	22,25,29,42/02;6,16/03	17542	6	47/02	18531	21	26,33,38,39/02	18776	9	20/02
16665	7	22,25,29,42/02;6,16/03	17543	17	41/02	18532	20	10/03	18777	47	21/03*
16680	10	6/03	17545	13	43,47/02	18533	22	33,39/02;22/03	18778	38	18,20,23,25,50/02;10,12, 13/03
16681	10	37/02*	17546	22	42,43,47/02;24/03	18534	55	15,25,26,33/02;4,12/03	18780	22	27,35/02;5,23/03
16682	15	8*,17,19/03	17548	28	16/03	18535	33	18*,26,28,31,33/02;4,6, 10,24/03	18781	10	23/02;23/03
16683	9	3,6,17/03	17549	6	47/02;15/03	18536	37	19*,39/02	18782	7	23/02;23/03
16700	27	21*,49,52/02;9,16,22/03	17550	4	15,42,43,P44,45,47,48, 52/02	18537	11	33,39/02;10/03	18783	1	N23,N25,N37,N51/02; N16,N23/03
16701	18	21*,52/02;9,22/03				18538	37	22/03*	18784	36	23,25,35,37,51/02;23/03
16702	10	38,52/02;1,9,13,22/03	18000	8	45/02,6,10,21/03	18539	10	52/02*	18785	16	51/02;16,23/03
16705	19	49/02;16/03	18002	6	N45/02;N2,N6,N10, N21/03	18541	8	21/02*	18786	4	16,23/03
16707	10	34,37/02;16,20/03	18003	19	22/03*	18548	5	8/03*	18787	4	16,23/03
16708	25	37,49/02;16,20/03	18005	4	N20,N34/02;N6,N10, N13,N21/03	18557	37	19*,39/02	18788	17	45*,51/02;23/03
16709	22	15*,49/02	18006	3	N6/03	18561	11	33,39/02;10/03	18789	17	45*,51/02;23/03
16711	2	15/02*	18007	31	20,26,33,34,37,38,39,40, 42/02;18,22,24/03	18562	21	26,33,38,39/02	18790	16	25,51/02
16712	1	16/03	18008	7	N20,N26,N33,N34,N37, N38,N39,N40,N47, N52/02;N18,N22,N24/03	18563	17	49/02*,4/03	18791	9	25/02
16713	2	49/02	18009	2	N34/02;N6,N13/03	18568	38	31,33,42,49/02;12/03	18792	10	23/02;23/03
16714	9	46/02	18010	20	33,34,37,38,39,40/02;6, 13/03	18569	47	30,39,49/02;4,6/03	18793	7	23/02
16760	10	51/02	18020	36	20,34,37,45/02;6,10,13, 21/03	18570	68	25,30,33,39,42/02;4,6,9, 10,21/03	18794	22	27,35/02;5,23/03
16762	9	26/02*	18022	33	23,34,37,45/02;6,10,13, 21/03	18571	14	15*,33,37,38,40/02	18795	11	27/02
17003	4	47,52/02;24/03	18040	43	2*,6,16,18,22/03	18572	13	10/03	18796	9	25/02
17005	10	41,45,47,52/02;24/03	18043	21	6,20/03	18573	19	48/02*	18797	12	49/02
17008	12	43/02	18045	12	43/02;16/03	18574	23	35/02*	18798	20	28/02*
17300	30	52/02*,21/03	18046	5	16/03	18575	22	42*,49,51/02;5,13/03	18799	10	12,16/03
17302	18	21*,51/02	18047			18576	11	34/02	18800	1	N37,N51/02
17303	9	15,37/02	18048			18577	12	49/02	18801	12	49/02
17315	23	2*,16,21/03	18049			18578	16	9*,10/03	18802	36	31,49/02;5/03
17316	20	28/02*,3/03	18050			18579	16	26,28,49/02;21/03	18803	37	22,31,49/02;10/03
17320	15	15/02;13/03	18051			18580	17	49/02*,4/03	18804	5	22,31,49/02;10/03
17323	10	13,22/03	18052			18581	17	49/02*,4/03	18805	11	27/02
17327	20	5/03	18053			18582	1				

## SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS  
NM 15/02 THROUGH NM 24/03

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.
19379	1	N25,N51/02;N5,N13/03	22182	6	30,34/02;14/03	23126	6	N24/02*	24431	14	39/02
19380	14	25,51/02;5,13/03	22183	3	20/02	23127	4	N24/02*	24434	4	39/02
19381	8	25,49,51/02	22190	2	30/02	23128	4	N24/02*	24452	7	16,26/02
19383	17	49/02;5/03	22205	2	16/02;12,18/03	23129	2	N24/02*	24454	5	5/03
19385	7	20/02*	22221	20	20/02	23131	7	26,31/02;12,22/03	24460	4	15,17,39,47/02;15/03
19387	9	N25/02	22222	1	4/03	23141	7	34/02;22/03	24461	4	16/03
19401	8	10/03*	22225	2	12,18/03	23142	10	8/03	24462	5	15,47/02;16/03
19402	6	9/03*	22233	29	13,18/03	23150	10	20,37,52/02	24463	6	24,39/02;12,15/03
19421	7	8/03*	22250	2	42/02;12,18/03	23151	3	12/03	24465	6	15,23,33,47/02
19442	5	14/03*	22251	11	12/03	23152	3	37/02;12/03	24469	1	20,46,47/02;13/03
19461	7	10/03*	22259	4	20/02;20,24/03	23153	8	20,31/02;12,13/03	24470	4	28,39,47/02
19483	6	11/03*	22264	2	20,42/02;13,18,20,24/03	24000	39	27,29/02	24471	8	28,47/02
21005	5	45/02;2/03	22275	3	20,42/02;12,18/03	24004	36	29,30/02	24480	1	17,25,27,41,44,45,49/02;24/03
21008	62	39,42,43,50/02;1,2/03	22281	9	12,18/03	24016	53	30,39/02			
21011	5	2/03	22282	17	19/02;12/03	24020	47	27/02	24482	2	24,49/02
21014	72	42,50,52/02;2,3,4/03	22283	3	N19/02;N12/03	24024	46	18/03	24483	2	20,24,49/02
21017	50	23,41,50/02;4,5,6,9/03	22284	7	N10/03	24028	6	25,48/02	24484	3	24,49/02
21020	42	23,41/02;5,6,7/03	22290	4	20/02;18/03	24050	11	27,31,34,38,49/02;20/03	24490	3	24,31/02
21021	3	45/02;13/03	22293	15	20/02;18/03	24052	15	31,37,38/02;14,19,21/03	24491	3	31/02
21023	41	34/02;7,8,9/03	22294	15	12/03	24053	16	24/02;19/03	24492	20	31,46/02
21033	46	20,32/02;1,16/03	22305	2	18,24/03	24055	6	37,49/02;14,19,21/03	24501	3	17,27/02
21036	7	1,16/03	22311	19	8/03	24057	4	31,38,49/02;20/03	24502	6	46/02
21120	27	47,50,51,52/02	22312	2	13/03	24058	2	31,32,37,38/02;19,22/03	24504	7	17,41,45,46/02
21121	18	47/02	22313	2	44/02;8,18/03	24060	2	34/02;17/03	24508	3	22/03*
21122	5	47/02	22314	1	44/02	24080	5	29/02;17/03	24509	2	17,45,50/02;15/03
21125	13	51,52/02	22331	2	N10,N19,N24/03	24091	6	26/02;6,21/03	24510	2	17,18,19,41,45,46,50/02
21126	1	50/02	22335	4	19/03	24092	14	26/02;6/03	24511	2	24/03
21140	1	45,50/02;12/03	22341	9	19,43/02;11,21/03	24100	5	27,29/02	24512	3	25,29,44,46/02;24/03
21141	23	48/02	22342	9	19/02;21/03	24101	3	37,41/02	24513	18	46/02
21160	1	45/02	22343	1	N19,N43/02;N10,N11,N21/03	24102	3	37,41/02	24517	2	18,19,46,49/02
21161	19	43,48/02				24110	3	27,29/02	25001	7	17,19/02;15/03
21180	1	2,7/03	22344	6	N23/03/*	24130	14	24,29/02;5/03	25017	5	15/03
21182	34	39/02	22345	11	42/02;24/03	24140	18	32/02	25018	9	15/03
21200	1	2/03	22347	6	N23/03/*	24141	4	5/03	25400	1	23,26,35,48/02
21301	13	3,12/03	22351	1	N43/02;N12/03	24142	43	5,6/03	25480	1	20,42,46/02
21342	28	41,44/02	22352	6	12,19,24/03	24149	1	32/02	25481	25	26/02
21384	3	23/02;6/03	22360	2	19/03	24150	27	27,29,30,32/02	25485	45	23,26/02
21401	20	7/03	22361	2	N10/03	24151	4	29,32/02	25487	2	23,26/02
21441	27	34,44/02	22370	2	15,19/03	24152	2	30/02	25524	43	33/02;1,5,20,24/03
21478	3	9,16/03	22373	1	N50/02;N10,N24/03	24153	6	30/02	25525	17	1,5/03
21510	1	9,16/03	22375	1	N19/02;N10,N15/03	24156	2	22/02	25526	2	19,33/02;24/03
21563	3	45/02	22377	1	N10,N13/03	24159	1	27/02	25527	31	33/02;24/03
21602	1	28/02	22379	1	N50/02;N10/03	24160	21	27,28/02	25528	5	21,42/02
21603	9	5/03	22381	1	N19,N43/02	24161	11	27,42/02;7/03	25550	2	17,19,24/02;21/03
21605	7	19/02	22395	2	19,42/02;15,19,22/03	24162	9	22,27,42/02;6,7/03	25563	50	17,33/02;14,18,21/03
21661	12	6/03	22401	4	N23/03/*	24164	6	27/02	25565	7	33/02
22004	38	18,20,23,30,32,34,36,39, 41,43,45/02;2/16/03	22403	1	N45/02	24170	14	5,6/03	25566	27	17/02;18/03
22008	35	18,30,34,36,39,41,43,44, 48,52/02;6,14,17/03	22406	1	N1/03	24172	4	5,6/03	25567	16	19/02;21/03
22012	31	16,30,34/02;6/03	22407	1	N4,N11,N18/03	24180	15	8/03	25570	3	19,31/02;16/03
22032	20	19/03	22408	1	N10,N21/03	24211	7	24/02	25575	4	31/02
22036	28	18,47/02	22409	4	N45/02;N10,N17,N22/03	24220	14	27,28/02	25601	34	17,19,20/02
22050	4	19/02;12/03	22410	32	43,44,46/02;19,23/03	24222	3	27/02	25607	4	24,39/02
22051	18	28/02	22413	1	N45/02;N22/03	24223	33	18/02	25608	21	17/02;16/03
22052	6	28,46/02	22417	1	N10/03	24230	20	18,30/02	25609	5	30/02
22080	3	20,32/02	22418	2	24,36,44,46/02;19/03	24233	15	36,43/02	25613	2	30/02
22082	4	17,19/02;13/03	22420	2	4,11,15,19/03	24234	3	30/02	25640	40	28/02*;15/03
22083	5	19/02	22421	4	N43,N44,N46/02;N11,N23/03	24240	5	30,39/02;7/03	25641	26	30/02
22084	4	42/02	22423	3	N11/03	24250	5	30,39/02;7/03	25644	13	20/03*
22090	2	30,32,43/02;4,17/03	22425	2	44,46/02	24251	23	24,34,43/02;6/03	25645	17	15/02*
22100	3	20,32/02;12/03	22427	1	N43,N44,N46,N50/02;N11,N23/03	24252	5	30,39,43/02;6/03	25646	7	N42/02
22101	19	16,20,32,43/02	22429	2	N24,N46/02;N10,N14,N17,N19/03	24260	5	34/02	25649	18	18,30,35/02;4/03
22102	19	17/03	22430	31	18,44/02	24270	3	24,27/02;17/03	25650	33	22*,30/02
22109	3	17/03	22431	6	19/03	24271	14	17/03	25653	13	8/03*
22111	4	32/02;17/03	22433	3	39,47/02;11,14/03	24274	2	17/03	25659	9	20/03*
22112	3	23,25,30,32,43/02;17/03	22436	2	39/02;10,14/03	24290	3	36,43/02	25663	27	19/02*;17/03
22113	8	23,25,30/02;12,17/03	22440	1	19/03	24291	4	36/02	25664	15	17/03
22114	5	16,32,42,43/02;17/03	22441	3	27/02	24292	4	36/02	25666	17	17/03
22120	3	18,23,30,34,36,39,41,43, 52/02	22471	31	18,44/02	24293	6	32,36/02	25667	20	15/03
22121	9	17,23,30,34,36,44,52/02	22481	35	43,44/02;19/03	24294	22	36/02	25668	18	15*,16,48/02;13/03
22124	2	17,34,52/02;6/03	22482	16	44,50/02;23/03	24311	4	27/02	25670	41	26,38,48,49/02;4,5,13, 20/03*
22125	1	18,36/02	22521	3	12,17/03	24320	4	27,28,34,43/02;6,17/03	25671	18	21/03*
22126	1	36/02	22523	3	12,17/03	24321	3	6/03	25673	15	28,42/02
22130	2	44/02;14,17/03	22529	3	12,17/03	24322	6	28,34/02;6,17/03	25675	9	20/03*
22138	2	18,41,44,48,48/02;6/03	22531	2	12,17/03	24350	2	31,51/02;18/03	25677	19	21,52/02
22140	2	30,34,36,44/02	23000	5	18/02	24355	2	51/02	25679	10	20/03*
22142	2	39,41,43/02	23010	4	27,38/02	24370	1	34/02	25681	15	4,22/03
22143	3	17,41,52/02;14/03	23020	4	22/03	24375	2	34/02	25683	17	30,49,52/02;5,20/03
22144	2	30,34,36,44/02	23023	4	27/02	24380	2	35/02	25685	9	22/03*
22145	2	N41/02	23030	6	27,38/02;21,22/03	24388	2	35/02	25687	11	15,35/02
22160	2	30,34,39,41,48,52/02	23115	3	27/02	24404	8	21,26,35,44,48/02	25700	3	15/03
22170	3	30,39/02;6/03	23121	7	30/02;17,20/03	24405	10	26,35,36,44,48/02	25720	3	33/02
22172	8	48/02*;4,6/03	23122	8	23,30,33/02	24406	30	20,26/02;2/03	25800	3	24,36/02
22173	36	48/02*;6,17/03	23123	3	30/02	24408	21	36,44,48/02	25841	9	24,36/02
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**SECTION I**
**NM 24/03**
**CHARTS AFFECTED BY NOTICE TO MARINERS  
NM 15/02 THROUGH NM 24/03**

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.
26001	4	9/03	35008	21	45,48,50/02;5/03	36122	12	16,19,21/02	37127	11	49/02;4,6,20/03
26050	1	34/02	35009	19	15,40,41,45/02;5,10, 14/03	36123	25	16,19,21,46/02;11,16/03	37129	6	39,42,49/02;4,6,20,23, 24/03
26060	1	49/02	35011	2	48/02;1/03	36124	18	16/03	37133	4	44/02
26068	11	18/03	35016	17	29/02	36137	4	38/02	37134	5	38/02
26081	8	46/02;16/03	35031	3	22/02	36138	3	39/02;4/03	37136	6	38,46,50,51/02
26083	14	29/02	35036	21	17,19,24,30,36/02;10, 15/03	36139	4	4/03	37137	6	46,48/02
26122	30	22/03*	35040	18	21,45/02;4,8,10,14,21/03	36140	12	21,22,24,36,41/02;4, 10/03	37139	8	18,23/02;1/03
26127	21	49/02;5/03	35041	8	21,35/02;4/03	36141	7	4/03	37140	33	15,17,19,21,22,24,27,29, 31,35,49,51/02;4,6,16, 24/03
26128	50	49/02;5/03	35042	9	21,27,44/02;4,14/03	36142	6	24/02	37141	29	20,21,23,36,40,48,51/02; 1,4,12,17,19,24/03
26142	10	24,33/02	35044	9	38/02	36143	4	18,34/02;5/03	37145	23	46,50/02;4/03
26210	2	24,36/02	35047	5	35/02	36161	10	20,24,34,44,45,47,50/02; 4,10,18/03	37147	15	21,35,36,40/02;1,10,12, 16,17,19/03
26229	11	17/02	35060	14	18,22,40,41/02;10,14/03	36162	10	20,35,45,47,50/02;4, 18/03	37148	13	17,21,35,38/02;4,10, 11/03
26230	12	17/02	35080	16	18,22,40/02	36163	13	20,31,34,35,38,44,45,47, 50/02;4,18/03	37149	10	44/02
26240	7	23/02;9/03	35081	15	22/03	36164	7	34,38,44,46/02;8,15/03	37150	8	16,21,22,31/02;14,19/03
26244	3	9/03	35082	7	22/03	36165	6	17,18,20,22,24,28,36, 44/02;10/03	37161	14	18,21,22,31,34,43/02;1, 14,19,24/03
26245	16	51/02;15/03	35100	14	40,45/02;5/03	36167	2	24,40/02	37162	12	15,16,17,26/02;21/03
26259	2	51/02	35083	8	20/03	36173	1	40/02	37164	4	15/02;23/03
26260	5	24/02	35084	15	50/02	36180	23	17,20,21,22,36,40,50/02; 4/03	37165	2	15,17,18,20,21,34,36/02; 10,12,13,15,21,23/03
26261	27	8/03	35086	5	31/02;22/03	36181	18	17,20,21,22,36,40,50/02; 4/03	37166	2	15,16,17,26/02;14,19, 21/03
26262	3	8/03	35088	2	50/02	36182	6	20,36,40/02	37170	11	38/02;14,19/03
26280	7	23/02	35099	3	41/02	37000	22	23,28,47,48/02;14,23/03	37175	2	5/03
26282	6	22,23/03	35100	14	40,45/02;5/03	37005	16	17,18,23,41,45,47/02;5, 12,13,15,23/03	37180	20	21,38/02
26290	1	21/03**	35101	6	41/02	37010	23	15,16,17,18,23,26,41,45, 47/02;10,12,13,15,19, 23/03	37182	14	35,47,48/02;24/03
26295	1	21*,22/03	35103	5	41/02	37025	26	38,51/02;1,24/03	37183	9	48,51/02;10,24/03
26300	7	21/03*	35120	13	40,45,47/02;5/03	37032	2	1,6/03	37184	8	48/02;5/03
26308	5	21*,22,23/03	35130	3	48,51/02;5/03	37033	2	47/02	37200	15	18/02
26309	26	17/02;11/03	35135	1	5/03	37034	2	8,14/03	37202	2	18/02;22/03
26312	2	21/03	35136	2	48,51/02	37041	15	17,20,27,50/02	37205	2	39/02;22,24/03
26316	3	21/03	35141	11	34/02	37042	5	17,41,45/02	37221	13	15,16,17,18,20,21,24,25, 27,28,34,36/02;6,10,11, 12,13,14,15,21,23/03
26320	5	15,24,27,28,29,35/02;7, 12,22,23/03	35143	7	34/02	37043	17	17,20,43/02	37222	13	15,27,28/02;21,22/03
26323	4	1/03	35150	3	48/02	37044	16	45/02	37223	14	26,42/02;21/03
26327	2	N41/02*N;17/03	35159	3	25/02	37045	11	45/02	37224	11	15/02;22,23/03
26328	2	15/02	35163	7	25,44/02	37046	18	21,31,43/02	37226	17	15,16,17,19,20,21,25,28, 30,39/02;8,9,12,14,17,21, 23/03
27005	4	6,8,9,22,23/03	35166	4	35/02	37050	9	18,26,42,46/02;10,12, 17/03	37228	14	21,24,27/02;8,14,23/03
27040	5	9/03	35167	3	35/02	37060	3	17,21,31,46,50/02;9,13, 18/03	37229	15	15,16,17,20,21/03
27041	4	50/02	35169	2	35/02	37061	15	36,38/02;5/03	37230	14	16,18,24,25,39/02
27060	2	22,23/03	35200	7	48,51/02;5/03	37063	21	16,21,28,36,50/02	37231	18	15,20,21,25,28,30/02;6, 10,12,14/03
27080	4	20/02;15,22/03	35210	3	29/02	37064	8	17/02*	37232	12	15,16,21/02
27081	6	49/02	35230	3	29/02	37065	7	19/02*	37234	13	15,20/02;7,8/03
27082	6	18,49,51/02	35236	2	38,50/02	37075	3	21,31/02;5,18/03	37235	11	15/02;17/03
27084	4	13/03	35246	2	38,43/02	37079	5	22/02	37238	6	17,21/03
27100	2	31/02;8,21/03	35247	4	50/02	37080	3	17,24,27,30,33,34,38,40, 42,44,45,46,51/02;1,4,7, 9,14,15,18,20,21,22/03	37241	17	16,17,26/02
27120	4	41,43,44/02	35255	3	50/02;14/03	37086	8	38,50/02;4/03	37242	10	15,20/02
27142	5	9/03	35256	2	14/03	37087	7	38,40/02	37244	11	16,17,26/02;23/03
27160	2	8,13/03	35270	2	38,46/02	37088	9	28,44,50/02;11/03	37246	14	15/02;21,24/03
27161	4	8,13/03	35276	3	46/02	37089	8	20,22/02	37248	18	39/02;21,23,24/03
27163	21	49/02;8/03	35277	3	38,46/02	37093	9	20,22,38,40,43/02	37258	4	15/02;1,11,22/03
27183	8	1,9/03	35279	3	38/02	37095	8	38,40/02	37261	10	15,28/02;1,7,11,20,22/03
27186	8	1,9/03	35295	3	27/02	37096	8	17/02*	37262	20	1,11/03
28004	1	20,23,45,46/02;8,9,22/03	35298	7	27/02	37097	5	21/02	37264	3	30/02;1,15,22/03
28006	1	8/03	35299	9	13/03	37098	3	21,31/02;5,18/03	37265	3	18,24/02;1,7,17/03
28050	3	28,34/02	35301	6	17/03	37099	8	27,32,45,51/02;1,7,9,14, 16,22/03	37281	15	30/02;1,15,22/03
28084	4	17,03**	35302	7	17/03	37095	3	15,17,18,24,28,32/02;1,7, 9,11,14,15,16,20,22/03	37320	16	18,26,27,28,38,44/02;9, 10,11,P12,15,17,21, 24/03
28110	2	15/02*	35303	7	40/02;17/03	37101	9	15,18,27/02	37325	8	18,34,39,47/02;15,18/03
28150	3	8/03	35308	5	10/03	37103	9	15,27,29/02	37326	2	34,47,51/02;15,18,21/03
28162	29	28/02	35310	2	22/02	37104	3	41/02	37328	2	18,42,44/02;11,15,21, 24/03
28164	17	28/02	35330	2	22,38,41/02	37110	11	15,17,18,19,24,27,28,29, 30/02;1,7,11,20,22/03	37330	2	22,24,26,30,32,34,38,40, 46/02;9,13,14/03
28190	2	41,43,45,46/02;18/03	35350	2	38,41/02	37112	1	47/02	37342	3	17,32/02;2,11,15,21/03
28196	4	41,43,45/02;18/03	35400	11	30/02	37115	2	43/02	37343	10	45/02
28197	4	45/02;18/03	35402	3	38/02	37119	2	47/02;7/03	37344	11	17,32,34/02;21/03
28202	22	41,44/02	35420	13	24,30/02	37120	2	43/02	37360	15	15,17,27,28,30,32,34, 43/02;2,9,10,11,15,17,21, 24/03
28210	2	33,35,39,41/02	35421	14	31/02	37121	11	15,24,27,29,31/02	37362	6	17,31,43,48,51/02;1,2,4, 17,22/03
28220	2	35,39/02	35423	6	31/02	37122	12	48/02;19/03	37363	8	48/02;4,17/03
28221	18	33,37,39/02;5/03	35424	3	30/02	37123	9	19,49/02;6,20/03	37367	1	38,49/02
28223	4	35,39/02	36005	2	15,17,24,27,28,34,36,38, 45,46/02;P12,14,17, 24/03	37124	15	19,24,42,44,49/02;6,9, 20/03	37380	2	15,17,34,40,42,43,44,48, 51/02;9,10,17,21/03
28263	3	35,37/02	36010	27	16,19,20,22,24,38/02;5,	37125	8	15,41/02			
28265	3	37/02				37126	8	15,41/02			
28281	32	36/02	36015	2	17,24,27,36,46/02						
28282	2	35/02	36040	16	19,30/02;1,15/03						
28300	1	23,39,50/02	36046	5	38/02	37127					
28302	16	31,33,39,40/02;12/03	36060	17	16,19,31,38/02;5,8,20, 21/03						
28310	2	23,31,33,35,39/02	36061	5	46/02;20/03						
28321	36	29/02	36062	11	40*,46/02						
28323	2	27,29/02	36098	6	5/03						
28325	2	27,29/02;5/03	36102	6	13/03						
28330	2	27/02	36103	9	13/03						
29002	9	18/03	36104	6	13/03						
29015	5	22/02;16/03	36105	7	18,47/02;5,13/03						
29121	5	32/02	36117	6	18/02						
29122	5	32/02	36118	3	5/0						

## SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS  
NM 15/02 THROUGH NM 24/03

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.
37400	10	15,28,34,38,40,41,44, 46/02;6,10,20/03	43341	7	41/02;12/03	44182	4	21,48,49/02;1,2,15,18/03	51142	2	6,13,15,22/03
37401	9	28,32,44/02;4,6,13,14,16, 22/03	43345	4	1/03	44183	6	48/02;1,6,8,9,10,19, 20/03	51143	4	6/03
37402	7	28,32,41,42,44,50/02;4, 13,14/03	43360	21	17,28/02;6,10,13,17,20, 21/03	44184	9	21,45,49/02;2,10,13,20, 22/03	51144	3	52/02;1,15/03
37403	23	24/02;10/03	43364	5	45/02	44185	7	45,49/02;1,2,10/03	51145	2	42/02;13,22/03
37420	1	34,43/02;1,7/03	43371	13	22/02	44186	2	21,45,46,48/02;1,2,5,8,9, 10,15,16/03	51146	3	42,52/02;5/03
37421	8	14,21/03	43372	4	22/02	44187	2	21/02;5,6,9,13/03	51150	1	50,51/02;1,13,15,22/03
37423	5	14,21/03	43373	8	45/02;17,20/03	44192	1	21,29,46,48/02;1,18, 23/03	51154	3	50,51/02;1,15,22/03
37441	4	15/02	43374	1	22/02	44193	1	26/02;1,7,15,18/03	51155	1	50,51/02;1,15,22/03
37445	1	48/02;1/03	43375	7	46/02;6,7,10,12,16,18, 23/03	44200	9	20,24,29,34,52/02;4,9,12, 13,22/03	51158	2	6/03
37446	2	1/03	43384	1	48/02;4,5,6,7,10,11,12, 13,15,16,17,18,23/03	44203	1	20,24,33,48/02;2,5,15/03	51159	3	47/02
37463	6	1/03	43385	1	27,45,48/02;5,11,13,20, 23,24/03	44204	1	48,52/02;2,4,5,7,12, 13/03	51160	20	48,50,51/02;1,4,5,6,7,14, 15,21,22/03
37481	7	47,48/02;6,7,14/03	44001	2	48,49/02;1,6,7,8,9,11,13, 14,P20,23/03	44205	2	48,52/02;2,5,7,12,15,19, 22/03	51163	4	4/03
37501	3	46,47/02;7,8,20/03	44015	8	28,31,48,49/02;6,7,8,9, 10,11,13,14,24/03	44206	1	46/02;4,5,13,16,17,19, 24/03	51164	18	38,45,46,50/02;2,4,8/03
37505	2	46/02;7,03	44030	7	20,46/02;4,8,9,13,19/03	44207	1	4,5,17,19,23/03	51165	8	25,45,50/02;2,4,8,10,14, 16/03
37506	4	45,46,47,51/02;8,20/03	44036	5	28/02;13,16,17,20,23/03	44220	5	46/02;4,5,13,16,21/03	51166	3	N25,N45/02
38030	1	20,21/02	44037	5	16,22/03	44221	1	19,21/03	51167	6	45,50/02;2,4,8,10,16/03
38460	7	18/02	44040	23	28,44/02;6,10,13,16,17, 20,22,23,24/03	44223	1	6,13,21,24/03	51168	2	45,46,50/02;2,4,8/03
38463	2	N18/02	44041	7	48/02;1,9,10,13,16,20, 23/03	44224	1	49/02;5,20,21,24/03	51180	5	13,16/03
38480	6	18/02	44042	7	21,44,45,49/02;4,7,9,10, 11,17,19,20/03	44240	8	49,50/02;6,7,13,14,15,16, 19,21/03	51200	4	14/03
38528	4	N20/03	44043	8	44/02;1,6,9,10,11,13, 16/03	44243	2	25/02/5/03	51220	8	33/02;18/03
38580	8	18/03	44044	6	6,10,13,16/03	44260	7	29/02;5,6,13,21/03	51222	6	51/02;16/03
38585	4	18/03	44045	6	22/03	44280	9	29,34,49,50/02;2,6,12,15, 19,22/03	51223	2	17,18/03
38603	2	17,21/02	44046	10	18/02;22,24/03	44281	2	49/02;12,15,19,21,22/03	51225	3	27/02
38610	1	20/02	44047	22	26,44/02;10,12,22,24/03	44282	1	49,50/02;13,17,19,21/03	51240	2	33/02
41000	2	15/03	44048	11	5,12,18,22/03	44284	2	50/02;8,21/03	51260	4	37,50/02;16,18/03
41060	3	34/02	44049	9	18,44,46,50/02;8,14,22, 24/03	44285	1	2,15/03	51261	23	5,6,13,15,19/03
42003	N23/03**		44050	21	18/02;20/03	44310	5	20,29,41,42/02;7/03	51263	23	49/02;13,17/03
42004	1	N23/03*	44051	1	44,48,50/02;1,11,14, 15,17,22/03	44313	1	27,41,47/02	51300	4	27/02
42160	3	7/03	44052	5	21,25/02	44319	2	21,41,42/02;4,6,9,10, P20/03	51341	23	48/02;6,16/03
42600	5	14/03	44053	21	18,21/02;24/03	44320	4	23,29/02;6,8,9,15,P20/03	51342	3	1/03
42620	5	14/03	44054	8	21/02;17/03	44321	6	19,22,23,29,32,40/02;6, 8/03	51344	2	5,7,16,18/03
42740	5	34,41/02;6/03	44064	19	22/03	44340	11	16,20,21,37/02;4,6,8,9, 15,17,P20/03	51380	5	47/02
42742	3	6,8/03	44065	7	15,16,20,25,30,42/02;16, 17/03	44341	7	25,37,41/02;7,9,P20/03	51500	6	20/03
42760	5	8,19,24/03	44066	10	16,20,27,39/02	44342	8	37,41/02;6/03	51540	3	22/03
43000	4	9/03	44067	22	16,21,25,29/02;16,17/03	44352	2	4,6,7,8,12,15,17,19/03	51559	3	41/02
43015	12	9/03	44068	11	17,18,20,24,26,44/02;10, 11,13/03	44360	9	16,20,21,34,37,41,42/02; 4,9,10,20/03	51600	12	20/03
43030	24	25,28/02;2,9,10,11,12,13, 15,17,22/03	44069	16	16,18,20,21,24,29,31/02; 11,13,17,22,23/03	44361	6	21,27/02;4,10,15,21/03	51620	10	20/03
43058	3	20/03	44070	5	21,25/02	44365	1	7,8/03	51621	9	20/03
43059	3	44/02;20/03	44071	21	18,21/02;24/03	44366	1	34,41/02	52031	1	6,21/03
43060	4	44/02	44072	4	21/02	44367	2	15,16,18,20,22,25,26,29, 35,37,40/02;6/03	52039	4	5*,7,8,9,13,14,18,21/03
43079	2	41/02	44073	2	21/02	44400	4	48/02;4,6,7,8,9,12,15,17, 19,23/04/03	52040	17	43,50/02;13,16,18/03
43082	5	41/02	44074	7	16,17,21,29,31,42/02;13, 23/03	44410	7	10,12,19,24/03	52042	6	22/03*
43101	3	46/02	44075	16	18,25/02;22/03	44411	4	4,6,11,12,13,14,15,23, 24/03	52043	21	46/02;6,7/03
43102	4	46/02	44076	3	18,25/02;22/03	44420	6	36,49/02;8,9,10,11,12,14, 17,22/03	52045	6	36/02
43104	4	46/02	44077	11	15,16,17,18,21,24,25/02;	44430	2	16,17,28/02;6,10,11,14, 19,24/03	52046	21	50/02;6,7,16,18,21/03
43106	6	44/02	44078	9	15,16,17,18,20,24,25/02;	44431	6	21,27/02;4,10,15,21/03	52047	11	7,8/03
43127	5	20/03	44079	11	15,16,17,18,21,24,25/02;	44436	1	7,8/03	52048	3	8/03
43140	4	17,41,48,52/02;12/03	44080	16	15,16,17,18,21,24,29,31/02;	44437	2	15,16,18,20,22,25,26,29, 35,37,40/02;6/03	52051	1	43/02
43141	5	52/02;12/03	44081	9	15,16,17,20,24,25,39/02; 9,13/03	44440	4	48/02;4,6,7,8,9,12,15,17, 19,23/04/03	52052	1	43/02
43142	4	52/02;12/03	44082	11	15,16,17,18,21,24,25/02;	44441	7	10,12,19,24/03	52054	1	14/03
43143	4	12/03	44083	8	15,21/02;9,11,24/03	44442	4	4,6,11,12,13,14,15,23, 24/03	52055	1	14/03
43144	4	17/02;6,12/03	44084	1	6,11/03	44443	6	36,49/02;8,9,10,11,12,14, 17,22/03	52060	16	43,50,51/02;7,12,P20/03
43145	4	17/02;12/03	44085	2	21,25/02	44444	6	31/02;9,12/03	52061	2	45,48,51/02;7,12,20, P20/03
43146	2	48/02	44086	3	18,25/02;22/03	44446	2	16,17,28/02;6,10,11,14, 19,24/03	52062	7	7,12,23/03
43150	2	N17/02	44087	9	15,16,17,20,24,25,39/02; 9,13/03	44447	2	16,17,19,28/02;6/03	52066	3	50/02;14,16/03
43160	6	17/02	44088	11	15,16,17,18,21,24,25/02;	44448	1	26,28,31/02;24/03	52080	14	50,51/02;4,7,10,11,12,14, 18,20/P20/03
43161	2	17,41,44/02	44089	8	15,21/02;9,11,24/03	44449	1	38,32/02;7/03	52082	3	45,46,48/02;11,12,20, P20/03
43163	3	44/02	44090	2	49/02;5,6,8,24/03	44450	6	34,38/02;7,12/03	52083	2	45,46,51/02;1,16/03
43164	3	17,48/02;6/03	44091	7	15,16,17,18,24,25,26, 44/02;2,9,11,12,13,22/03	44451	10	16,17,19,28/02;6,10,	52084	2	45/02;4,10,11,12,14, 18/03
43180	5	9/03	44092	1	6,11/03	44462	4	19/02	52085	3	50,51/02;4,11,16/03
43182	4	47,52/02	44093	2	21,25/02	44463	9	24/03	52086	2	45,50,51/02;1,4,9,11,
43223	4	41/02	44094	7	15,16,17,18,24,25,26, 44/02;2,9,11,12,13,22/03	44464	6	31/02;9,12/03	52087	1	14/03
43225	4	17,52/02	44095	2	49/02;5,6,8,24/03	44465	2	16,17,28/02;6,10,11,14, 19,24/03	52088	2	45/02;4,10,11,12,14,18, P20/03
43240	4	50,51/02	44096	7	15,16,17,18,21,26,27,28, 44/02;5,6,8,24/03	44466	4	37/02;7/03	52092	1	46,51/02;16/03
43242	4	52/02	44097	7	15,16,17,18,21,26,27,28, 44/02;5,6,8,24/03	44467	2	16,17,19,28/02;6/03	52120	12	32,51/02;6,11,16,18/03
43243	4	50,51/02	44098	2	21,25/02	44468	2	15,17,19,22/03	52121	8	45,46/02;1,6,8,11,16,
43248	3	9/03	44099	3	22,23,24/03	44469	1	38/02;7/03	52122	14	45/02;11,14/03
43263	7	44/02	44100	7	15,16,17,18,24,25,26, 44/02;2,9,11,12,13,22/03	44470	28	15,17,19,22/03	52124	1	51/02
43265	2	44,52/02	44101	2	49/02;5,6,8,24/03	44471	1	38/02;7/03	52125	1	45,46/02;8,11,16,18/03
43270	2	44/02	44102	7	46/02;1,4,5,6,11,13,14, 44/02;1,4,5,6,11,13,14,15,16,17/03	44					

## SECTION I

**CHARTS AFFECTED BY NOTICE TO MARINERS**  
**NM 15/02 THROUGH NM 24/03**

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.
52172	2	40/02;1/03	53284	4	33,40/02;7,21,24/03	54382	9	26/02;16/03	56103	6	18,30/02;1/03
52180	14	21,24,42,43,51/02;1,8,10, 13,15,16/03	53285	4	35/02;7,15/03	54386	10	42/02;16,18/03	56104	3	22/03*
52200	8	7,17/03	53287	6	20,27,35,42/02;1,5,7,8, 10,15,22/03	54387	7	23,42/02;16,18/03	56120	12	1/03
53011	2	51/02	53290	1	35/02	54389	8	43,52/02	56191	2	18/02
53031	1	17,18,19,21,22,27,28,30, 39,48/02;5,12,14,24/03	53301	4	27/02;22/03	54400	8	20,32,43/02;3,16,22/03	56195	3	22/02*
53058	2	4/03	53302	4	51/02	54402	4	52/02	57029	9	12/03
53060	14	15,17,18,19,21,22,27,28, 30,32,51/02;4,5,9,10,12, 14/03	53303	6	49,51/02	54403	4	22,43,52/02;24/03	57035	10	10,12,23/03
53061	10	19,28,30,44,47/02;12,16, 17/03	53306	2	21,39/02	54404	4	19/02	57063	5	40,41/02
53062	13	1,14,16/03	53311	3	39/02	54407	4	32,43/02;3,7,16/03	57064	3	41/02
53063	8	19,28,44,47/02;4/03	54040	3	37/02;6,10,20/03	54409	2	23,32/02;7,8,12/03	57101	18	41/02
53064	6	33/02;10,20/03	54041	7	18,35/02;4,8,16,17,24/03	54413	3	31/02	57103	2	16/03
53065	2	33/02	54043	2	15,17,18,29/02;17/03	54418	4	32,43/02;3,7,16/03	57120	13	43/02
53066	2	33/02;20/03	54060	5	18,37/02;16/03	54419	2	3/03	57140	10	43/02
53081	8	15,21,30/02;4,5,11,16/03	54061	11	52/02	54421	6	28,47/02	57141	14	43/02
53082	13	40/02	54063	3	1,13/03	54422	4	19/02*	57142	6	43/02
53083	8	18,19/02;9,10,21,22/03	54081	3	10/03	54423	5	48/02*;17/03	57160	10	43/02
53084	6	17,18,24,51/02;14,16/03	54085	2	18,19,40/02;15,24/03	54430	1	26,28,37,43/02	57161	4	31/02
53085	6	17,24,51/02;14,16/03	54090	3	46/02*;11,15,19/03	54440	4	30,41/02;17/03	57162	7	43/02
53086	8	20,46,48/02;17/03	54095	3	46/02*;8,15/03	54441	6	30,42/02;2/03	57164	2	43/02
53087	9	48/02;17/03	54105	3	46/02*;8,13,17,19/03	54446	5	17/03	57165	1	43/02
53088	7	33/02	54115	3	46/02*;15/03	54480	8	22,30,36,41/02;2,17, 21/03	57170	1	43/02
53089	4	21,22,23/03	54120	5	15,16,17,18,19,20,37,39, 41/02;15,17,19/03	54481	8	22,30,36/02	57200	6	11/03
53090	1	41/02	54125	3	46/02*;15,17/03	55001	4	18,29,36,37,42/02;14, 15/03	57220	4	11/03
53093	2	20/02	54140	7	15,16,17,18,41/02;15/03	55040	4	15,18,23,27,28,31,32,39, 41/02;16,20,21/03	57260	3	23/03
53100	16	18,19,21,24,28,33,39,42, 51/02;6,10,13,18,20,21, 24/03	54161	12	16,17,19/02;10,20,21/03	55041	7	15,22,32/02;21/03	57261	2	23/03
53101	7	33/02;8,13,16,24/03	54165	2	33,37/02	55042	1	18,21,27,28,42/02;17/03	57262	4	23/03
53104	2	20,35,42/02;20,24/03	54166	3	10/03	55043	2	21,23,27,28,37,39,42/02	57460	4	10,12/03
53105	20	37/02;8/03	54167	2	17,19/02;20/03	55044	5	22,23,41,43/02;16/03	57471	3	12,15/03
53106	6	19*,20,24/02;21/03	54168	1	37/02;10,17/03	55045	2	18,21,23,41/02	57472	2	12/03
53107	16	35/02;6/03	54169	3	16,37/02;17/03	55046	4	21,22,23,26,27,30,31,37, 38,39,41,48/02;18,19/03	57480	8	12,15,23/03
53110	1	29,40/02;10,15,17/03	54180	6	19,41,43,50/02;5/03	55047	8	22,23,26,27,27/02	57482	12	24/03
53111	3	31,44/02*	54195	2	5/03	55048	12	23,27,32,36,37,39,41, 48/02;20/03	57483	11	24/03
53120	14	18,20,21,27,28,39,42/02; 5,6,7,13,17/03	54200	4	21/02;5,8/03	55049	6	22,27,30,41,43/02	57484	19	15,23,24/03
53122	3	20,29,40/02;7,8,16/03	54225	2	21/02	55050	7	19,20,36,37/02	57488	6	24/03
53123	3	7/03	54226	2	50/02	55053	8	23,27,34,48/02;6/03	61018	4	18,24/02
53125	2	46,51/02;13/03	54227	2	50/02	55054	9	5/03	61020	2	17,28/02
53130	1	27,42,47/02;10,13,18/03	54266	2	13/03	55058	7	39/02	61021	3	18/02
53133	3	41,46/02;16/03	54279	4	50/02*;2,15/03	55059	9	5/03	61036	8	27/02;7/03
53135	2	20,51/02;7/03	54280	10	15,20/02;5,15,22/03	55100	8	29,36,37/02;6/03	61040	6	10/03
53141	5	20,24,34,51,52/02	54281	6	20/02	55101	4	7/03	61050	4	10,15/03
53147	3	36,39,42,51/02;6,7,10,13, 17,20/03	54282	1	51/02	55102	3	24,29,48/02;1,4,5,7,15, 19,20/03	61051	7	15,24/03
53149	2	31/02	54284	1	51/02;15/03	55104	2	48/02;4,5,7,14,19/03	61071	9	18/03
53160	14	20,51/02;3,6/03	54286	4	19/02	55105	7	18,29,36,41,42/02;14, 15/03	61080	4	9/03
53161	8	51/02;3,8,13,18/03	54287	7	5,15/03	55110	2	23,24,29,37/02;6/03	61091	5	12,18,24/03
53162	7	50/02*;15/03	54288	5	1/03	55120	2	36/02;6,14/03	61092	13	18/03
53164	9	20,37,51/02	54289	8	19/02;1/03	55127	2	10,14,24/03	61100	4	10,12/03
53165	13	39/02;8/03	54300	12	31/02	55128	2	26,33,36,38/02;1,4,5,8, 14/03	61110	3	28/02
53180	10	33,34,43,51/02;1,3,6,7, 13,15,18,20,21/03	54318	3	19/02;1,14/03	55129	7	33,36,37/02;6,15/03	61112	10	17/02
53181	4	34/02;1,13,21/03	54320	4	20,48/02;1,24/03	55130	2	27,45/02;5,14,19/03	61120	4	28/02
53182	4	36/02;15,16/03	54322	7	19,20/02;1/03	55131	1	27,36,45/02;6,19/03	61130	3	28/02
53183	13	19*,35/02;20/03	54324	8	19/02	55133	3	5,14/03	61140	5	27/02
53184	5	32,35/02;1,6,13,18,20/03	54327	4	20,31/02	55139	5	41/02	61141	6	38/02
53200	6	33,36,43/02;5,6,7,15,16, 20/03	54329	4	5/03	55140	2	1,5,14/03	61142	6	38/02;7/03
53201	6	5/02;18,21/03	54334	3	5/03	55150	2	24,28,29,37/02;15/03	61170	5	27/02
53202	6	15,17/03	54337	3	19,31/02	55160	2	18,24,28,29,42/02	61190	4	39,41/02
53203	11	5/03	54339	8	17,31/02;12/03	55161	1	29/02;17/03	61200	7	17,21/02
53204	10	44/02;5/03	54340	8	19,48,51/02;3,4,24/03	55170	2	18,29,31,36,41/02	61204	5	13/03
53205	3	5/03	54341	4	23/03	55175	1	24,28/02	61210	6	17/02
53206	6	17/02;5/03	54343	10	19,48/02;4,5,11,12,13/03	55180	2	33/02;1,15/03	61220	5	17/02
53220	6	36,43,51/02;5,16/03	54344	6	19,48/02;24/03	55190	2	6,20/03	61240	7	18/02
53223	5	29/02	54346	8	19/02;11,12,13/03	55200	2	27/02;8,10,20/03	61250	4	18/02
53226	3	3*,17,18/03	54347	4	51/02	56031	1	1,2,17,21/03	61300	2	7/03
53242	12	52/02;1,13/03	54350	4	51/02	56041	4	21/03	61310	2	33/02;7/03
53244	2	1/03	54351	7	52/02	56042	6	22/02	61311	5	17,33/02
53262	7	22,42/02;21/03	54352	3	52/02;1,3/03	56043	6	22/02	61312	3	17,33/02
53263	1	37/02;17/03	54360	12	15,19,20,52/02;20,21/03	56044	3	22,38/02	61331	4	7/03
53264	5	17/03	54362	3	52/02	56060	8	33/02;12,16/03	61400	2	27/02;7/03
53265	6	19,35,41,46,52/02;15, 16/03	54363	3	15,19,20/02;21/03	56063	1	21/02;16/03	61410	2	7/03
53266	4	1,8,13,17/03	54364	2	52/02	56064	6	38/02;2,16/03	61430	2	7/03
53268	4	22,42/02;7/03	54366	3	15/02	56065	3	33,38/02;16/03	61433	1	7/03
53269	5	19/02;17/03	54367	3	15/02	56067	3	48/02*;20/03	61434	2	7/03
53279	3	7,15/03	54368	4	20/02	56083	2	31/02	61440	2	15/02
53281	4	31,40,52/02;15,18/03	54369	4	15,52/02;20,21/03	56100	13	41,49,50/02;1/03	61450	2	17,27/02
53282	8	40/02	54372	2	20/02	56101	6	33/02;1/03	61470	2	15/02
53283	4	33,52/02	54380	6	19,26,42/02;3,16,18/03	56102	23	1/03	61472	1	15,20/02
									61500	2	17/02

## SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS  
NM 15/02 THROUGH NM 24/03

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.
61510	2	15/02	62442	6	24/03	63337	15	27,31,39/02;4/03	71350	8	15,18,20/02;5,6,7,14/03
61520	2	15/02	62448	2	23/02	63370	1	20/03	71400	5	14,23/03
61522	1	15/02	62449	4	15/02	63400	1	39/02;8,11/03	71401	1	40,46,51/02;5/03
61538	1	15/02	62451	7	21,23/02	63410	6	39/02;8,9/03	71402	1	18,40,46/02;4,5,6/03
61540	2	15,20/02	62453	4	16/03*	63413	5	39/02	71410	1	39/02;12,23/03
61550	2	17/02	62455	7	17,27,39,43/02	63417	2	39/02	71420	1	38,39/02;3,12,14,23/03
61560	2	15/02;7/03	62456	1	27/02	63420	2	39,45/02;8/03	71430	3	11*,20,23/03
61562	2	6/03	62457	6	11/03*	63424	2	45/02	71440	2	11*,23/03
61581	5	18/02	62459	2	6/03	71005	1	34/02;2,6,12,13,16,23/03	71445	1	7/03
61582	4	18/02	62460	4	24,31,33/02;10/03	71006	5	39/02;23/03	71450	1	22,25/02;7/03
61610	7	28,29/02	62464	2	15*,31,49,50/02;4/03	71009	3	39,46,48/02;1,6,7/03	71455	2	11*,23/03
61611	11	28/02	62480	2	16*,18/03	71012	3	19,33,39,46/02;1/03	71460	1	15,20,25,41/02;23/03
61612	4	28/02	62490	2	16*,17,18,21/03	71015	4	23/03	71465	1	20/02
61650	3	17/02;12/03	62498	4	23,25,27,31/02;4,9/03	71018	10	15,33,35,37/02;7,12,13,	71470	2	15,38/02;14/03
62000	20	18,46/02	62499	4	15*,25,27,31,49,50/02;4,			15,21/03	72000	8	31,32,35,47,50/02;2,20,
62001	5	11/03*			9/03	71027	9	15,19,20,22,24,25,34,38,			21,23,24/03
62024	13	38,40/02	62510	3	11*,12/03			45,49/02;4,5,14,18,	72007	10	30,36,38,47,51/02;2,5,7,
62028	15	18/02;10/03	62512	3	N11*,N12/03			23/03			11/03
62032	16	11*,17,21/03	62515	2	26,45/02	71033	31	15,23,37,38,49/02;3,12,	72014	10	46/02;7,19/03
62033	3	N11*,N17,N21/03	62520	6	20/03*			14,15,23/03	72021	8	31,36,38,47,50,51/02;7,
62046	3	19/03*	62521	4	N20/03*	71036	8	35,44/02;12,14,23/03			20,23/03
62050	6	18,44/02	62530	6	20/03*	71040	5	27,34,42/02;7/03	72028	7	15,31,34/02;22/03
62092	7	41/02	62531	4	N20/03*	71042	1	34/02	72035	8	16,31/02;8,21/03
62093	7	16,41,49/02	62540	6	17*,18,21,23,25,26,29,	71043	2	25/02*	72045	2	16/02;8/03
62095	3	11/03*			31,32,34,40,45,48,50,	71044	1	27/02	72050	4	23/03
62100	6	P23/03			52/02;8,12,17,18,21/03	71045	2	23/03	72060	8	32,50/02
62110	9	P23/03	62541	3	N17*,N18,N21,N23,	71058	2	23,36/02	72070	4	32/02;2,9/03
62140	1	34,40/02			N25,N26,N29,N31,N32,	71059	1	23,36/02	72075	2	20/02;9/03
62142	10	24,28/02			N34,N40,N45,N48,N50,	71061	15	23,36/02	72080	7	20,51/02;2,9/03
62143	3	24,28/02			N52/02;N8,N12,N17,	71066	1	39/02;6,7,10,24/03	72085	3	15/03*
62144	3	24/02			N18,N21/03	71071	5	15/02	72094	2	29,38/02;7/03
62170	2	38/02	62550	3	16/03*	71081	3	16/02;21/03	72100	7	29/02;7,19/03
62171	4	38,47/02	62560	4	16*,18/03	71091	4	1,2/03	72103	2	29/02;4,6,7,19/03
62191	15	11*,15/03	62570	4	17*,21,23,25,26,31,32,	71140	6	33,39,46/02;1/03	72105	2	36,38/02;7,11,19/03
62193	17	17*,19,31/02			33,34,36,40,45,48/02;8,	71180	29	33,37/02;7,12,13,15,21,	72107	2	15,27,29/02;7,19/03
62194	8	17*,18,19,31,36/02;4/03			12,17,18/03			23/03	72109	3	42,44/02
62195	7	19/03*	62580	3	23,26,32,33,45/02;12/03	71183	13	32/02	72110	9	15/02
62220	9	21/03*	62590	2	16,28,29,36,40,46,48/02;	71185	24	7,13,15/03	72130	4	46/02
62222	5	19/03*			8,12,17,18,21,23/03	71186	2	7/03	72131	3	11/03
62225	3	17*,37/02;17/03	62591	3	N16,N28,N29,N36,N46,	71210	18	44/02;3,23/03	72161	10	15/02;10/03
62241	10	9/03			N48/02;N8,N12,N17,	71211	4	38/02	72173	2	15/02
62242	11	47/02;9/03			N18,N21,N23/03	71212	1	18,38/02	72181	2	36/02;7,11/03
62250	4	34,38/02	63000	13	27,28,48/02	71223	8	17/02	72190	2	30/02;10/03
62270	4	37,41/02	63005	18	15,23,31/02;16/03	71230	11	23,38/02;6/03	72201	8/03	
62271	5	37,41/02;10/03	63010	14	26,29,31,52/02	71241	10	18/02;6,12,16,20/03	72203	2	16/02
62285	2	26/02	63015	11	31,38,40,52/02;9/03	71243	5	15/03*	72211	6	43/02;5,8/03
62290	3	26,37,41/02;10,21,P23/03	63020	15	27,31/02;4,9,11/03	71247	18	20,21/02;5,6,8,14,17,21,	72231	8	31/02;21/03
62292	2	24/02	63040	2	46/02			22/03	72234	2	18,19/03
62295	3	21,P23/03	63050	2	17,46/02	71248	2	N51/02*:N1/03	72236	1	9,12/03
62302	2	4/03	63054	3	19*,31/02	71249	2	35/02	73000	9	26,40,52/02;10,20,21/03
62310	2	27/02	63055	2	29/02	71251	11	20,35,40/02;1,15,21/03	73002	4	18,24,30/02;5,11/03
62313	4	17*,27/02	63062	7	25,28,32/02	71253	10	21,35,40,42/02;5,6,7,13,	73004	4	26/02;10/03
62330	2	38,40/02	63063	9	27,29,20/02;7,16,18/03			14,16,17,21/03	73006	2	26/02
62340	3	38/02	63065	6	18/02	71255	5	6,14,22/03	73008	8	16/02;11,13,23/03
62343	3	8/03	63070	3	20,27,28,29/02;16/03	71257	2	15,18,21,23,28/02;5,6,7,	73012	6	11/03*
62350	3	10/03	63080	5	26,27,28,31,48/02			12,13,16/03	73014	10	48,52/02
62355	6	8/03	63090	8	25,31/02;15/03	71258	2	15,18,20,21,28,35/02;5,6,	73016	4	15,44/02
62360	5	18,38/02;12/03	63091	4	26,27,32,39,48,52/02;	71259	3	7,13,22/03	73020	9	25/02;9,21,22/03
62361	2	N18,N38/02;N12/03			9/03	71261	8	35/02;16/03	73024	3	39/02
62366	3	38,40/02;2/03	63100	2	15,44/02	71262	7	6/03	73032	4	25/02;9,22/03
62392	7	18/02	63101	15	17,19/02;15/03	71265	3	46*,49/02;7,13,15,16,	73041	2	18/02;5/03
62393	7	34,37,50/02	63102	19	17,19,26/02;15/03			20/03	73191	3	7/03
62394	10	34,37,50/02	63103	17	17,26,29/02;15,16/03	71271	10	23,25,30,34,52/02;19/03	73271	7	21/02;13/03
62395	2	34,50/02	63110	4	40/02;16/03	71272	10	23,30,34/02;19/03	73552	4	25,34,45/02;1,7,9,10/03
62400	17	23,24,33/02;4,9/03	63111	9	17,25,48,50/02;9/03	71275	3	23,35/02;2,6,16,19/03	73570	7	34,45/02;1,10/03
62401	9	6,10/03	63120	2	44,48,52/02;8/03	71281	7	51/02	73580	4	52/02
62402	10	10/03*	63121	5	48/02;5,8/03	71285	3	23,25,30,34,52/02;13,	73581	4	16,52/02;3/03
62404	3	6/03	63150	1	15,25,31/02			19/03	73590	6	16,31,47,52/02
62406	2	24,33/02	63200	5	52/02	71295	2	25,26,30,34,39,40,52/02;	73601	3	15,17,24,26,31,34,35,
62408	7	15/02;10/03	63201	9	40/02			47/02			
62409	6	7/03	63210	3	45,52/02;16/03	71305	2	31,34,36/02;2,13,23/03	73610	4	26,31/02
62411	1	52/02	63220	5	26,45,52/02	71311	4	7/03	73631	4	36,46/02;1,17/03
62413	11	33/02	63230	6	17*,45/02	71313	8	45/02	73640	5	23,36/02;16/03
62417	1	52/02	63231	8	31,45/02	71314	5	6,10/03	74000	6	24,36,47/02;2,7,18/03
62419	6	33/02;8/03	63232	3	45/02	71315	2	27,31,34/02	74002	2	18,25,27,28,35,47/02
62420	5	33,37,39/02;8/03	63233	15	31/02	71320	1	35/02;5,14/03	74003	5	22,25,28,47/02;7,10/03
62429	9	17,27,39,43/02	63240	4	19/03	71325	8	5/03	74004	2	18,35,37,39,47/02;9/03
62431	8	26*,27,37/02	63250	6	29,40/02;11/03	71330	13	35/02;5/03	74005	2	18,19,31,34,35,46,47,
62432	16	13/03*	63271	8	19,52/02;8/03	71331	11	5,7,8/03			51/02;4,7,9,16/03
62433	12	15,30,31,34,45/02;1/03	63290	7	19,31,32,38/02;10,22/03	71333	2	6,7/03	74006	2	26,31/02
62434	9	40,46,52/02;8,12,17,18,	63291	9	19,33/02;16/03	71335	2	8/03	74007	1	36/02
		21,23/03	63310	5	11/03	71340	11	18,19,22,40,46/02;2,4,5,	74008	6	15,51/02
62437	9	32,46/02;21,23/03	63320	8	30/02			6,7/03	74009		

**CHARTS AFFECTED BY NOTICE TO MARINERS**  
**NM 15/02 THROUGH NM 24/03**

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.
74015	10	20,40/02;21/03	74393	9	16,18,19,25,28,31,38,41, 50/02;3/03	75213	2	36,52/02	83572	1	24/02
74017	4	17,18,37,45/02;18/03	74394	2	18,19,28,31,41,49,50/02; 3/03	75215	2	36,39,40,52/02;7/03	83574	2	7/03
74018	6	44/02				75220	12	36,39,49/02;4,20/03	83580	2	24/02;8/03
74020	4	16,17,33,37,38,43/02;5, 18/03	74410	3	16,20,25,38/02;7/03	75222	8	18,22,35,40/02	91005	6	45/02;19/03
74021	7	20,33,35,39,44/02;7, 10/03	74415	1	39/02	75240	4	36,39/02;2,4/03	91008	1	29,44,48/02;8,10,12/03
74024	7	31,44/02	74420	3	45/02;19/03	75241	6	34,36/02	91010	6	29,48/02;10,12/03
74027	9	43,44/02	74440	3	32,39/02;2/03	75251	5	23,33,48/02;3,19/03	91020	5	19,21,22/02;19/03
74030	6	28,51/02	74450	3	21,22,26,49/02;2/03	75261	6	17,21,23,24,33,36,48/02;	91025	8	21,22/02
74053	2	28,51/02	74455	3	19,21,23,48/02;1,4/03	75262	6	38/02;16/03	91030	3	21/02
74054	2	28/02	74460	4	21,22,26,37,40,46,49/02; 6,20/03	75264	17	16,17,19,33,34,37,41,42, 44,45/02;2/03	91080	4	21/02
74151	9	20,24,27,36,44/02;2, 20/03	74465	2	9/03	75265	2	17,20,21,24/02;6,20/03	91286	10	20/02
74152	11	36,44/02	74470	2	8/03	76015	1	18,23,24,29,35,40/02	91289	19	19,20/02
74153	2	36,44/02;2/03	74475	2	44/02	76020	7	18/02	91294	8	19/03
74162	4	36,46,47/02;8/03	74480	2	44/02	76030	9	24,49/02	91297	9	19/03
74171	4	33,36,47/02;3,10,18, 20/03	74485	3	16,43/02	76050	8	24,49/02;18/03	91300	3	21,22/02
74172	5	36,47/02;7,10,18/03	74493	3	16,38,43,45/02	76052	8	15,21/02;4,5/03	91331	3	21/02
74181	8	23,28,33,35,37,38,39, 47/02;10/03	74494	2	41/02;8,9,16/03	76054	5	49/02	91340	3	19,21/02
74182	12	23,24,25,26,28,33,35,37, 38,39,41,42,44,51/02;6, 10,17/03	74510	2	16,17,33,35,37/02;5,10, 17,18/03	76060	7	40/02	92006	5	45,46/02;5/03
74183	11	38,39,42/02;4,6,17/03	74515	4	20,28,33,35,39/02;4,7, 10/03	76061	3	40/02;9/03	92010	3	19/02
74184	10	23,24,28,33,35,37,38,46, 48/02;17/03	74521	3	28,41/02	76070	9	23,35/02	92020	2	19/02
74186	7	18,34/02;4,10,17,21/03	74527	2	28/02	76071	9	23,35/02	92025	3	21/02
74190	7	22,23,26,35,36,37,46/02; 1,16/03	74535	2	31,42,44,48/02	76080	8	18/03	92030	4	19,21/02
74191	2	19,22,24,26,35,46,48/02; 1,7,9/03	74545	3	28,40/02;18/03	76083	3	1/03	92060	3	21/02
74192	3	24,26,28,35,46/02;1/03	74550	4	5/03	76110	5	23/02	92061	3	21/02
74200	8	18,21,27,28,37,46/02;1, 8/03	74555	3	34,43,44,48,51/02;5/03	76120	6	22,23,25/02	92115	1	15/02
74201	9	27/02	74560	10	23,28,32,40,43,46,48, 50/02;4,5,18/03	76140	7	46/02	92200	3	19/02
74202	3	16,21,24/02;1,7/03	74561	2	5/03	76141	8	19,46/02	92210	3	18*,19/02
74204	5	21,24,27,37/02;1,7,8/03	74581	9	20,26,32,34,36,40,41,43, 45/02	76180	1	18,22,23/02	92214	4	19/02
74205	2	16,24,25/02	74582	9	18,26,28,40/02;17,20/03	81002	6	18/02	92216	3	23/02*
74206	2	24,34/02	74583	15	26,32,34,40,43,44,48/02	81023	5	18/02	92290	2	19/03
74210	7	25/02;7,17/03	74584	5	18,22,25,32,34,41,43, 45/02	81054	13	14/03*	92296	3	19/03
74220	8	17,23,25,26,35,47,51/02	74590	2	28,51/02	81067	5	51/02;10,12,16/03	93018	8	27/02;1,14,18,24/03
74221	2	35,51/02	74591	7	40/02;8/03	81076	9	51/02;10,12,16/03	93020	2	15,24,38/02;4,13/03
74229	2	17,22,23,33,37,43,47/02; 18/03	74595	2	28/02	81092	3	38*,50/02	93022	4	18/02
74230	7	28,39,42/02;5,7/03	75000	6	47/02;6/03	81711	6	23/02	93025	5	45/02
74231	7	19,23,35/02;3,21/03	75001	3	23,47/02;5,6/03	81715	4	23/02	93030	6	18,45/02
74232	9	15/02;5,7,21/03	75010	7	16,18,41,42,50/02	82005	5	17/03	93032	3	45/02;24/03
74234	1	8,17/03	75025	9	22,23,36,39/02;4,8/03	82010	6	17/03	93043	1	45/02
74240	8	15,34,39,42/02;4,5,7,8, 9/03	75035	18	21,24,36,39/02;2,6/03	82015	13	22/02	93046	1	45/02;5/03
74251	8	15,17,23,25,26,31,32,34, 37,42,44,46,51/02;6,9,17, 21/03	75051	6	16/02	82020	7	22/02	93047	2	45,49/02;24/03
74252	9	19,47/02;5,7,9/03	75052	2	50/02	82030	8	18/02	93048	1	35,49/02;5,14/03
74253	6	15,17,19,23,25,27,32, 47/02;8,9,16,20,21/03	75130	16	16,18,21,27,31,34,41,50, 51/02;5,7,8,16,19/03	82200	2	17/03	93049	1	45/02;4/03
74261	9	15,25,41,49/02;4,10/03	75131	7	18,20,28/02;17/03	82244	5	35,42,48/02;20/03	93061	4	45/02
74265	2	15,17,18,19,25,31,38,41, 43,47,49/02;7,9,16,21/03	75132	11	31/02;17,19/03	82374	9	22/02	93110	2	22,24,38,40,41/02;1,2/03
74270	3	18,19,26,31,38/02;7/03	75134	3	23,27,33,51/02;5,19/03	82377	2	22/02	93115	2	40,41/02
74271	9	19,28,38,46/02;19/03	75142	5	15,21,28,36,42,50/02	82580	2	19/02	93117	2	19,40,41/02
74272	7	26,32/02;4,19/03	75143	4	15,20,28,32,33,36,38,42, 50/02	82649	5	18,20,33/02	93160	4	15*,27,34/02;1,14,24/03
74273	5	18,19,31,38,41,43/02;7, 19/03	75150	5	16,50/02;16,19/03	82683	4	18,33/02;17/03	93180	7	27,34/02
74281	7	3/03	75160	6	22,23,24/02;17,18,19/03	82684	3	18,33,38/02;7/03	93200	4	26,27/02
74283	2	46,49/02	75170	12	38,39/02;8/03	82689	3	18,38/02;17/03	93220	6	17,27,34/02
74285	2	31,34,35,45/02;1,9,16/03	75171	22	17,18,22,27,31,32,33,36, 38,40,42,48,52/02;1,6,	82694	10	18,19,20/02	93240	11	17,34/02;16,24/03
74286	2	15,22,24/02				82695	6	38,45/02	93241	9	8,16/03
74287	2	27,34,38,52/02;9/03	75172	5	39/02	82697	6	38,46/02	93244	7	16/03
74289	5	18,26/02;9/03	75173	9	17,20,25,31,32,33,36/02;	83010	6	6/03	93245	6	16,24/03
74290	11	25,34,39,45,46,48,49, 51/02;1,7,9,10,16/03	75175	9	16,18,31,33,38,40,45, 50/02;6,18/03	83020	8	24/03	93247	4	26/02
74292	8	27,34,38/02;9/03	75176	9	17,27,42,50/02	83021	1	25,27,43/02	93260	8	27,31/02;7,18/03
74293	7	25,34,45,48/02;9,16/03	75177	7	18,27,38,48,50,52/02; 6/03	83023	4	25,27,43/02	93261	5	31/02;7/03
74294	3	25,34,45/02	75180	2	8/03	83252	8	18/02;2,12/03	93280	4	18/03
74295	3	18,22/02;4,9/03	75185	2	22,47/02;8/03	83382	9	20,25,27/02	93360	5	38/02
74296	4	27,34,38,49/02;9/03	75190	2	23,47/02	83383	2	20,25,27/02	93385	6	18/02
74297	3	35/02;8,18/03	75191	6	22,25,37,38,43,47/02;8, 19/03	83392	5	31/02	93420	4	18/02
74300	4	25/02;16/03	75193	6	22,49/02;1,5,7,10,16, 19/03	83393	2	N31/02	93440	4	18/02
74305	4	25,02;16/03	75197	2	26,50/02	83397	6	18/02;1/03	93520	13	45/02;15/03
74376	5	43/02;9,16/03	75207	2	36,52/02;4,16/03	83425	6	20,35/02	93650	2	19,44/02;6,24/03
74380	4	22,32/02;8,9/03	75208	2	26,50/02	83484	10	23/03	93652	2	3,6,24/03
74391	3	15/02				83570	2	24/02	93680	3	45,47/02;24/03
74392	7	16,22,25,39/02							93690	2	44/02;6/03
									93698	3	45/02
									93710	3	26/02;6,15/03
									93720	10	39,45,50/02;8,15,17,20, 24/03
									93721	5	20,22,26,32,39,42,45, 50/02;4,11,17,20,23/03

## SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS  
NM 15/02 THROUGH NM 24/03

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.
93725	6	20,45/02;24/03	95060	13	15,16,40,43,44,47,48, 52/02;1,6,11,14,17,19,21, 23/03	95255	2	44/02;1,7,13/03	97101	1	28/02;21/03
93726	4	26,48/02;8,12,17/03	95065	5	48/02;10/03	95258	3	6,16,18/03	97104	4	20/02;7/03
93730	3	21,39,40,42,45,47,50/02; 2,4,17,24/03	95066	11	15,16,18,19,20,41,43,44, 47,48,49,50/02;1,5,6,17, 19,21,23/03	95261	7	48/02;1,5,9,16,23/03	97105	3	20/02
93733	13	17,21,22,26,32,39,45/02; 4,19,20/03	95067	13	18,41,44,46/02;1,5,10,17, 23/03	95262	13	41,46/02;1,6,9/03	97108	3	21/03
93734	11	17,22,26,32,45/02;4,19, 20/03	95068	1	41,42,45,47/02;12,14, 17/03	95264	8	48/02	97120	6	15,22,28,31,37,40,42, 43/02;9,14,16,17/03
93736	22	16,22,26,32,41/02;4, 20/03	95078	13	16,18,25,27,30,33,40,44, 45,50,52/02;1,6,7,9,10, 14,17,19,21,24/03	95267	5	17/02;13,20,23/03	97140	17	15,22,33,37,39,43,45/02; 7,9,14,16/03
93778	8	47/02;7/03	95082	9	19,21,25,27,30,33,44,, 46/02;1,4,7,11,17/03	95268	16	39,48/02;6,9,13/03	97141	5	19,21,40,46/02;8,13, 20/03
94004	6	19,29,30,33,37,44,52/02; 8,9,10,12,17,18/03	95083	8	21,25,33/02;1,4,19/03	95270	4	48/02;9,10,13,20,21,22, 23/03	97143	11	21,31,43,45/02;9,13, 20/03
94016	2	23,33,35,52/02;3,9,10,14, 17,21/03	95084	7	15,16,18,50,52/02;8,12, 17/03	95273	2	48/02	97144	14	44*,46/02;7,8,9,13,20/03
94028	7	23,25,40,42,52/02;1,6,7, 8,9,11,14,17,21,24/03	95085	4	15,45,52/02;1,6,11,12/03	95274	3	48/02;23/03	97145	1	15,22,43/02;8,9/03
94033	5	19,21,23/03	95086	5	15,45,52/02;1,6,8,11,12, 23/03	95276	3	21/02*	97146	10	44/02*;15/03
94040	13	30,37,47,51/02;6,8,10,17, 18/03	95087	3	19,21,25,33,40,48/02;1, 8/03	95280	9	17,48/02;8,20/03	97148	9	21*,23,45/02;9/03
94042	9	47,51/02;7,18,24/03	95088	8	21,25,33/02;1,4,19/03	95281	15	7,10,14/03	97149	20	25,34,35,44,45/02;1, 16/03
94060	10	27,29,30,33,37,46,47/02; 7,8,10,12,14,15,18,24/03	95089	7	15,16,18,50,52/02;8,12, 17/03	95282	7	46,52/02;4,6,9,19,20,22, 23/03	97150	13	34,39,43,44/02;20/03
94061	5	19,33,35,47/02;23/03	95090	4	15,45,52/02;1,6,11,12/03	95285	3	18,20/03	97151	16	31,35,44,45/02;12,13,14, 16,20/03
94063	4	29,33,41/02;8,18/03	95091	12	15,16,18,38,39,43,44,45, 46,47,50,52/02;1,4,6,7,8, 9,10,17,23/03	95300	5	16,45,48,52/02	97152	8	37/02;20/03
94067	10	33/02;10,11/03	95092	15	35,38/02;20,21/03	95320	15	18,19,42,47/02;1,10/03	97153	7	31/02;16,20/03
94080	7	15,27,29,30,33,44,48/02; 10,19,22/03	95093	3	19,21,25,33,40,48/02;1, 8/03	95341	8	18,19,42,47/02;1,10/03	97154	2	36/02
94082	8	25,27,30,34/02;8,19, 22/03	95094	1	15,39,44,50/02;1,5,6,9, 14,17/03	95342	16	30/02;9,13,16,20/03	97155	14	20,31,35,36,37,39,40, 48/02;12,13,18,20/03
94083	12	17,25,44/02	95095	8	38,42,45,46,47,48,50, 52/02;1,4,5,8,13,14,17, 23/03	96004	4	41/02	97156	6	21,37/02;1,14/03
94084	1	23,25/02	95096	8	42,43,45,47,52/02;4,6,7, 10,12,19/03	96020	6	30/02;21/03	97157	1	35,37/02
94120	6	19,21,33,38,48,52/02;9, 10,17,18,21/03	95097	8	17,20,21,42,43,52/02;1,4, 14,21/03	96039	7	16,17,30/02;23/03	97159	6	33,39/02;7,14,16/03
94122	7	19,30,40/02	95098	15	15,18,22,38,40,44,48,49, 50,52/02;1,4,7,8,13,14,17, 18,19/03	96041	11	16,17,30/02	97163	14	23/02;14/03
94123	9	21,33,38,42,44,52/02;9, 10,15,17,18/03	95099	8	38,42,45,46,47,48,50, 52/02;1,4,5,8,13,14,17, 18/03	96043	8	16/02	97164	1	7,14,16/03
94124	13	38,42,44/02;10,15,17/03	95100	12	15,16,18,38,39,43,44,45, 46,47,50,52/02;1,4,6,7,8, 9,10,17,23/03	96044	10	29,30/02;23/03	97165	1	7,16/03
94127	2	21,33,38/02;6,9,13,16, 18/03	95101	8	15,39,44,50/02;1,5,6,9, 14,17/03	96045	1	10/03	97166	1	33/02;21/03
94160	7	26,27,33,38,44,46,47,50, 51,52/02;9,10,12,16,17, 18,19/03	95102	8	38,42,45,46,47,48,50, 52/02;1,4,5,8,13,14,17, 18/03	96046	11	16/02;10,21/03	97167	2	23,33/02;21/03
94164	2	26,27,46,50,51/02;12,16, 19/03	95103	8	42,43,45,47,52/02;4,6,7, 10,12,19/03	96047	12	29,30/02;23/03	97180	6	22,31,34,39,43,45,46, 48/02;4,8,13,20,22/03
94165	4	20,26,50/02;18,24/03	95104	15	15,18,22,38,40,44,48,49, 50,52/02;1,4,7,8,13,14,17, 18/03	96048	4	41/02;10/03	97181	20	18,22,25,31,34,46,48/02; 1,4,7,8,12,13,14,17,18, 20,22,23/03
94180	9	26,32,42,44,47,50,51/02; 23/03	95105	11	15,18,40,45,47,48,49, 50/02;1,5,6,7,8,9,10,11, 12,13,16,17,19,23/04	96049	5	10/03	97182	13	18,21,23,31,34,39,46, 48/02;1,4,5,6,7,8,12,14, 17,18,20,21,22,23/03
94184	2	N51/02	95106	8	45,47,50,52/02;1,6,7,8, 17,19,21,23/03	96050	6	41/02;10/03	97183	9	25,44/02;5,9,14,16,18, 22/03
94187	3	32/02;14,23/03	95107	9	19,38,41,46,48,50,52/02; 1,6,8,9,10,11,13,16,21, 23,24/03	96051	3	N19/02*;21/03	97184	15	25,28,47/02;1,7,12,14,18, 22/03
94188	2	44,46,47,51/02;8/03	95108	14	19,36,38,39,40,41,44,46, 47,48,50,52/02;1,8,9,16, 21,23,24/03	96052	2	10/03	97185	2	43/02;1,7/03
94201	1	51/02;24/03	95109	9	19,38,41,46,48,50,52/02; 1,6,8,9,10,11,13,16,21, 23,24/03	96053	3	44,48/02;9,18/03			
94203	10	22,26,41,42,44,46,47, 52/02;10,11,24/03	95110	11	19,38,41,46,48,50,52/02; 1,6,8,9,10,11,13,16,21, 23,24/03	96054	3	44,48/02;9,18/03			
94206	3	22,26,41,42,44,47,52/02; 11,19/03	95111	13	39,41,44,45,46,47,48, 49/02;1,5,9,19,23/03	96055	2	45/02	97186	7	18/03
94207	5	N26,N42,N44,N47, N52/02;N11,N19/03	95112	9	15,18,22,34,36,37,38,41, 43,48,49,52/02;8,9,19, 24/03	96056	2	27,41/02;12/03	97187	3	21,41/02;6/03
94208	6	N44/02	95113	11	15,18,40,45,47,48,49, 50/02;1,5,19,23/03	96057	1	10/03	97188	2	21,41,42,43/02;9,18/03
94216	6	27,45/02;10,17/03	95114	17	15,18,34,36,37,38,40,47, 50/02;1,5,19,23/03	96058	3	10/03	97189	2	25,28,44/02;9,14,18, 22/03
94217	4	30/02;6/03	95115	17	15,18,34,36,37,38,40,47, 50/02;1,5,19,23/03	96059	2	40/02	97190	2	22,34,39,52/02;8,13/03
94218	3	30,36/02;6,18/03	95116	5	37,38/02;6,9,19/03	96060	1	19/02	97200	9	52/02;8,16,17,22/03
94219	1	47/02	95117	2	15,22,34,36,37,38,42/02; 19/03	96061	1	10/03	97201	7	18/03
94220	4	22,26,41,42,47,49/02;8, 10,11,17,18/03	95118	15	22,26,41,42,47,49/02;8, 10,11,17,18/03	96062	3	23/03	97202	15	43,44,52/02;20/03
94260	5	49/02;1,6,11/03	95119	13	8,9,11,17,19,21,24/03	96063	6	13,20/03	97204	9	28,29,45,52/02;4,6,10,19, 20/03
94280	5	51/02;15/03	95120	16	27,31,40,45,48,50/02;1,5, 6,8,9,10,17,19,23/03	96064	15	6,12,13/03	97205	3	18/03
94281	6	6/03	95121	2	6,8,9,10,17,19,23/03	96065	8	21,22/03	97206	2	23/03
94282	9	46/02;8/03	95122	2	6,8,9,10,17,19,23/03	96066	2	41/02	97218	3	21,41/02;6/03
94283	7	46/02;2,8,12/03	95123	2	6,8,9,10,17,19,23/03	96067	3	27/02	97219	4	21,25,31/02;6,9,13,20, 23/03
94290	2	1,7/03	95124	2	6,8,9,10,17,19,23/03	96068	3	27/02	97220	3	21,24,31,37,39,42,43, 44/02;6,8,9,17,18,23/03
94322	14	8/03	95125	1	6,8,9,10,17,19,23/03	96069	3	27/02	97221	20	21,24,31,37,39,42,44,45, 49,52/02;6,8,9,10,13,17, 18,19,20,22,23/03
94360	6	18,32,43/02;6,13/03	95126	4	43,48/02;1,6,9/03	96070	7	16/02	97222	12	25,28,47/02;10,22/03
94361	13	18,32/02;13,15/03	95127	10	44/02;1,6,9,11,14,17, 21/03	96071	3	23/02	97223	3	42,44,48/02;16,17,22, 23/03
94363	4	32,43/02;16,18/03	95128	2	15,22,34,36,37,38,42/02; 19/03	96072	10	23/02	97224	6	18,25,27,46,47,49/02
94380	4	N5,N6,N18/03	95129	1	15,22,34,36,37,38,42/02;	96073	10	23/02	97225	31	21,24,37,39,42,44,45/02;
94384	3	5/03	95130	2	15,22,34,36,37,38,42/02;	96074	7	14,20/03			6,8,9,10,17,18,19,23/03
94420	3	39/02;4,8,11,13,14,23/03	95131	1	15,16,17,19,20,22/02	96075	2	17,23/02;14,20/03	97226	7	17/02;18/03
94421	10	15,45/02;4/03	95132	1	15,16,17,19,20,22/02	96076	8	46/02;12,14,22/03	97227	11	21,24,42,43/02;9,18/03
94423	12	19,45/02;11/03	95133	1	15,16,17,19,20,22/02	96077	3	52/02	97228	15	21,28,30,39,40,42,43/02;
94427	2	N32/02	95134	1	15,16,17,19,20,22/02	96078	12	27,44/02;6,10,22/03			5,6,9,15,17,18,20,21,
94440	2	46/02;18/03	95135	1	15,16,17,19,20,22/02	96079	2	6,14/03	97229	12	18,24,27,31,36,39,47/02;
95016	8	40/02	95136	1	15,16,17,19,20,22/02</						

**CHARTS AFFECTED BY NOTICE TO MARINERS**  
**NM 15/02 THROUGH NM 24/03**

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.		
97236	20	31,47/02;9,16,23/03	97472	8	34/02		
97239	10	31,33/02;1,5,9,16,23/03	97474	7	21/02;22/03		
97241	6	10/03	97480	7	21,35,52/02;3,9,10,17,18, 21/03		
97243	8	21,28,29,31,33,48/02;1,5, 6,21/03	97481	6	47,49/02;9,18,20/03		
97244	5	9/03	97483	7	48,52/02;20/03		
97245	11	17,28,36/02;1,5,9/03	97521	6	19,42/02;16,18,20/03		
97246	7	43,52/02;5/03	97564	3	16/03		
97251	4	6,10,17/03	800669	8	N20/02		
97261	15	17,18,41/02;1,5,7,18, 21/03	800744	1	N22,N49/02;N5,N12, N13,N16/03		
97262	10	21,29,34/02;1,5,6,7,15, 21/03	801217	1	N21/02;N6,N8,N19,N20, N22/03		
97263	10	5,7,9,15,18,21/03	801885	3	N28/02		
97266	5	17,37,41/02;1,5,6,7,14, 15,18/03	802202	8	N23,N31,N35/02;N1, N7/03		
97267	16	17,18,25,29,40,41/02;1,5, 6,8,10,13,18/03	802260	5	N20/02		
97268	10	6/03	803404	2	N26/02		
97269	11	20,45/02;8,13,18/03	804037	1	N28/02		
97270	6	36,44/02;1,5/03	804059	2	N20/02		
97271	12	17,18,25,29,37,39/02;6, 10,12/03	804567	4	N17/02		
97272	11	19,52/02;6,10,12,14, 23/03	805118	3	N12/03		
97273	10	19,27,34,42,45,49/02;6,8, 9,13,14,15,18/03	805647	2	N37,N51/02		
97274	19	19,27,31,34,39,45/02;6,9, 15,17,18,23/03	807370	5	N17/03		
97276	1	27,29,40/02;9/03	807861	2	N27/02;N22/03		
97277	11	17,27/02;1,5,6,8,9,14/03	808365	2	N14/03		
97278	11	39/02;1,20/03	808528	1	N25/02		
97279	9	27/02;9/03	809055	7	N16/03		
97280	4	52/02	809310	9	N18,N39/02		
97281	2	41/02	809679	2	N25,N50/02;N12/03		
97283	3	45/02;9/03					
97285	6	19,23,27,31,34,42/02;7, 13,17/03					
97286	6	21,23,25,27,31,34,35,36, 41,42/02;6,8,10,13,17/03					
97287	5	34/02;20/03					
97300	6	1,13/03					
97303	3	18,25,47,48/02					
97320	6	33/02;14/03					
97340	8	27,33,38,52/02;16,17,18, 22/03					
97341	9	27,34/02;16,21/03					
97342	14	27,38/02;17,18,22/03					
97343	12	27,38/02;17/03					
97360	6	20,23,27,38/02;5,7,13, 18/03					
97380	7	21,39,47,52/02;1,2,8,16, 23/03					
97381	7	27/02;7,13/03					
97382	2	41,45/02;4/03					
97383	16	31/02;5,7,13/03					
97384	4	47/02;19/03					
97385	10	31,52/02;5,6,7,9/03					
97387	2	4,5,7/03					
97389	1	39/02					
97390	5	31,39,40/02;2,5,12,16/03					
97391	26	31/02;6,7,12,16/03					
97392	5	21/02;1,21,23/03					
97396	14	18,21,36,39,40/02;2,16, 17,23/03					
97397	7	18,25,39,49/02;16/03					
97398	3	21,25,49/02					
97400	3	25,26/02;1,12,17,21/03					
97410	8	21/02;17,19/03					
97412	7	40/02					
97420	17	21,34,39,42,47,52/02;1,8, 10/03					
97421	13	20,35,36/02;1,10,13, 20/03					
97423	2	20,35,36/02;1,13,20/03					
97425	6	34,39,47,52/02;1,6,8, 10/03					
97440	8	20,23,27,52/02;1,16, 19/03					
97441	5	20,46/02					
97443	6	15,19/03					
97460	7	40/02;5,19,21/03					
97461	9	21/02;5,8,19,21,22,23/03					
97465	9	21/02;1,6,8,19,20,22/03					
97466	2	25,46/02;1,23/03					
97469	10	26/02;1,6,8,19,20,22/03					
97471	5	N31/02;N22/03					

**SECTION II****NM 24/03****NIMA 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
NIMA Ref. No. (National Stk. No.)	Title	Scale = 1:	No.	Date					
REGION 1									
11XHA11463 (7642014010247)	Sands Key to Blackwater Sound	40,000	<u>17</u>	<u>4/03</u>	NOS	1-94	24/03		
18AHA18464 (7642014011517)	Port Townsend	20,000	<u>23</u>	<u>4/03</u>	NOS	1-98	24/03		
REGION 2									
26ACO26308 (7642014012088)	<u>Tongue of the Ocean-Northern Part</u>	150,000	5	3/03	A	2-50	24/03		
MISCELLANEOUS CHARTS AND PUBLICATIONS									
<u>CDPUBSD158</u> (7644014665933)	<u>Japan - Volume I (Enroute), 2003</u>				GPO	10-19, 38	24/03		
LLPUB116 (7642014007540)	<u>Baltic Sea with Kattegat, Belts and Sound and Gulf of Bothnia, 2003</u>				GPO	10-22	24/03		

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

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

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

## SECTION II

NM 24/03

### NAVIGATION PUBLICATIONS

#### NIMA LIST OF LIGHTS CORRECTIONS

PUB 116	Ed 2003	NEW EDITION
(NIMA)		24/03

Page I—Line 4; read:  
2003, including Notice to Mariners No. 13 of 2003.  
(NIMA) 24/03

#### SAILING DIRECTIONS CORRECTIONS

PUB 123	8 Ed 2001	LAST NM 19/02
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Page 6—Line 8/R; insert after:  
**Caution.**—Anchoring, trawling and fishing are prohibited in the charted area S of Jacqueville. The installation comprises a platform (5°01.9'N., 4°27.2'W.) and a nearby production and storage unit (FPSO) linked to the coast by an oil pipeline and gas pipeline oriented on a bearing of 328°. A standby anchorage zone for tankers is centered at a distance of 4 miles ENE of the tanker.  
(Fr NM 3/03) 24/03

PUB 124	8 Ed 2001	LAST NM 50/02
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Page 18—Lines 23-25/L; read:  
Vessels bound for Santana, Macapa, Manaus, and Iquitos via Os Estreitos (see paragraph 1.57), and for Rio Tocantins and Rio Madeira, also embark a pilot at Salinopolis. Pilotage in the ports and tributaries of the Rio Amazonas is compulsory above Belem.  
(BA NM 42/02) 24/03

Page 104—Line 59/L; insert after:  
A submarine gas pipeline crosses the Rio de la Plata, from about 3 miles W of Isla Santiago, passing about 1 mile upriver of Km 46 Lighted Buoy, and coming ashore near Muelle Platero, 3 miles W of Punto Artilleros, as best seen on the chart. Anchoring and trawling within 1,000m of the pipeline is prohibited.  
(BA NM 42/02) 24/03

PUB 126	7 Ed 2002	LAST NM 48/02
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Page 59—Lines 28 to 29/R; read:  
**Caution.**—Volcanic actively was reported (2001) 25 miles NW of the Vava'u Group, centered on position 18°19.1'S, 174°21.1'W.  
(Fr NM 40/02) 24/03

PUB 140	2 Ed 2001	LAST NM 23/03
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Page 84—Lines 10 to 18/R; read:  
waters during ice operations. There are three Ice Service Centers (ISC) to assist vessels, as follows:

1. ISC Kiel-Holtenau covers the western Baltic Sea from Flensburg to the W coast of Fehmarn and Kiel Canal. They may be contacted by VHF channel 22, call sign Kiel Traffic.

2. ISC Lubeck covers the western Baltic Sea from the W coast of Fehmarn to Ob Buk Light at longitude 11°42'E. They may be contacted by VHF channel 13, call sign Trave Traffic.

3. ISC Stralsund covers the western and southern Baltic Sea from Ob Buk Light at longitude 11°42'E to the Germany/Poland border. They may be contacted by VHF channel 14, call sign Stralsund Traffic.

Requests for ice breaking assistance are normally directed to the appropriate ISC. Requests should contain the following information:

1. Vessel name.
2. Call sign.
3. Flag.
4. Size.
5. Ice class.
6. Engine power.
7. Position.
8. Destination.

During the voyage, vessels should follow the instructions given by the ISC. After the initial contact with the ISC or the ice breaker, vessels should maintain a continuous listening watch as directed.

(BA NP 286(2)) 24/03

PUB 158	8 Ed 2003	NEW EDITION
(NIMA)		24/03

Page III—Lines 6 to 7/L; read:

This publication has been corrected to 12 April 2003, including Notice to Mariners No. 15 of 2003.  
(NIMA) 24/03

PUB 163	8 Ed 2002	LAST NM 13/03
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Page 243—Line 40/R; insert after:

**Caution.**—Piracy and thievery has been reported (2002) at Samarinda anchorage and in the adjacent waters. All vessels should navigate with caution in this area.

(46(380)02 Jakarta) 24/03

PUB 171	7 Ed 2001	LAST NM 23/03
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Page 29—Lines 3 to 8/L; read:

The **Durban Offshore Oil Berth** (30°00.5'S, 30°58.5'E) is a CALM facility situated about 1.5 miles from shore E of Isipingo Beach. Tankers up to 210,000 dwt can be accommodated at the SBM, which is moored in a depth of 45m. Pilotage is mandatory. A mooring master boards about 3 miles E of the SBM. Vessels should send a 48-hour and 24-hour ETA, and any subsequent changes of 2 hours or greater. If the ETA falls on a Saturday, Sunday, or Monday, notice should be given before 1300 on the previous Friday.  
(BA NP 286(3)) 24/03

**PUB 171 (Continued)**

Page 111—Line 2/R; insert after:

**Regulations.**—Vessels over 25m in length can only anchor in special areas. All vessels must request authorization from Reunion Rescue Operational Center on VHF channel 16.

(Fr NM 49/02) 24/03

Page 180—Line 55/R; insert after:

Access to these islands is prohibited except in special cases. The Chief Administrator may authorize access with a written request received at least 3 months in advance, except in special circumstances.

(Fr NM 37/02) 24/03

**Lifeboat Drills**

Lifeboat drills involving the lowering of boats is not permitted when vessels are underway in Norwegian territorial waters. Harbor drills are allowed with local police permission.

**Local Speed Restrictions**

When a vessel carrying a red ball in the rigging is lying moored at any of the lighted structures, or is loading or discharging gas containers at any piers or jetties, powered vessels passing must not proceed at a greater speed than 5 knots for a distance of 100m on either side of the moored vessel.

(PUBS 140) 24/03

**PUB 173 7 Ed 2002 LAST NM 22/03**

Page 183—Line 15/L; insert after:

Vessels with a draft of 8m or more must anchor about 8 miles S of the pilot station and await instructions from the pilot.

(BA NM 28/02) 24/03

**PUB 180 3 Ed 2002 LAST NM 21/03**

Page 87—Line 25/R; insert after:

**Dangerous and Polluting Cargo**

(NIMA) 24/03

Page 88—Line 22/R; insert after:

Light signals shown by the patrol boat are, as follows:

Signal	Meaning
Fixed red	Stop immediately and wait.
Flashing red	You are in a prohibited area; proceed clear on reverse course, or in the direction indicated by visual signals.
Fixed green	All clear, continue on your course.
Flashing green	The area is clear and open to shipping.

During the part of the year when flying operations take place, a number of notice boards are established within the seaplane harbors, in such a position as to be easily visible to all craft underway within the limits of the operating area.

The notice boards warn vessels to reduce speed and to follow the instructions of the patrol boat and are inscribed.

**Lights for Large Vessels at Anchor**

Vessels 92m in length and above when at anchor in Norwegian inland waters, shall in addition to the anchor lights show one white light screened to show from right ahead to right astern, on each side of the vessel midway between the forward and after anchor lights, at such a height that all three lights are in a straight line, decreasing in height toward the stern.

## SECTION II

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

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
10546	Graves Light Mooring Buoy					White and blue nun.	
	*						24/03
<b>Indian Point Security Zone</b>							
37931	- Buoy A					White and orange.	Maintained from Apr. 15 to Nov. 15. Private aid.
	*						24/03
37931.1	- Lighted Buoy B		Fl W 4s		2	White and orange.	Maintained from Apr. 15 to Nov. 15. Private aid.
	*						24/03
37931.2	- Lighted Buoy C		Fl W 4s		2	White and orange.	Maintained from Apr. 15 to Nov. 15. Private aid.
	*						24/03
37931.3	- Lighted Buoy D		Fl W 4s		2	White and orange.	Maintained from Apr. 15 to Nov. 15. Private aid.
	*						24/03
37931.4	- Lighted Buoy E		Fl W 4s		2	White and orange.	Maintained from Apr. 15 to Nov. 15. Private aid.
	*						24/03
37931.5	- Lighted Buoy F		Fl W 4s		2	White and orange.	Maintained from Apr. 15 to Nov. 15. Private aid.
	*						24/03
37931.6	- Buoy G					White and orange.	Maintained from Apr. 15 to Nov. 15. Private aid.
	*						24/03

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

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*3897	EDGEWATER UPPER RANGE REAR PASSING LIGHT		Oc W 4s	21	4	On same structure as Edgewater Upper Range Rear Light.	
							24/03
4415.1	- Buoy 15A					Green can.	
	*						24/03

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## SECTION II

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

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
4420	- Buoy 17				Green can.	*	24/03
		*				*	
4450	- Buoy 4				Red nun.		Removed when endangered by ice.
		*				*	24/03
14085	- Channel Daybeacon 7MB				SG on pile.		
		*					24/03
14090	- Channel Daybeacon 8MB				TR on pile.		
		*					24/03
14095	- Channel Daybeacon 10MB				TR on pile.		
		*					24/03
14585	- EAST LIGHT 3	37 27 22 N 76 12 44 W	Fl G 2.5s	15	4 SG on pile.		Light equipment removed when endangered by ice.
						*	24/03
15445	- LIGHT 19		Fl G 6s (R sector)	23	G R 7 5 SG on cylindrical base.		Red from 308.3° to 147°.
				*	*		24/03
16545	- LIGHT 2	38 03 00 N 76 19 46 W	Fl R 2.5s	18	3 TR on pile.		
				*			24/03
<b>St. Marys River</b>							
16660	- Junction Lighted Buoy SM	38 04 33 N 76 26 03 W	Fl (2+1) R 6s	4	Red and green bands.		Replaced by nun when endangered by ice.
		*					24/03
18306	- Channel Daybeacon 16				TR on pile.		
		*					24/03
18307	- Channel Daybeacon 17				SG on pile..		
		*					24/03
18308	- Channel Daybeacon 19				SG on pile.		
		*					24/03
<b>Herring Bay</b>							
19320	- ENTRANCE LIGHT 1	38 44 25 N 76 30 51 W	Fl G 2.5s	21	4 SG on pile.		
				*	*		24/03

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## SECTION II

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

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
19725	Greenbury Point Warning Daybeacon	38 58 06 N 76 27 15 W				NW on skeleton tower on multi-pile structure worded DANGER SHOAL	
	*	*	*	*	*	*	*
	<b>Seagirt Marine Terminal West Channel</b>						
21135	- Junction Buoy SW	39 15 10 N 76 33 50 W				Red and green bands; nun.	
	*						24/03
	<b>Tangier Sound</b>						
23515	- Mid Channel Buoy T	38 10 07 N 75 58 39 W				Red and white stripes; nun.	
	*	*					24/03
28120	- <i>Channel Junction Lighted Buoy</i>		Fl (2+1) R 6s		3	Red and green bands.	
					*		24/03
28350	- LIGHT 11	35 47 42 N 75 33 06 W	Fl G 4s	18	4	SG on pile.	
					*		24/03
	<b>Roanoke Sound</b>						
28365	- CHANNEL LIGHT 1		Fl G 4s	15	4	SG on pile.	Light equipment removed when endangered by ice.
					*		24/03
28390	ROANOKE ISLAND CUT THROUGH LIGHT 1	35 48 19 N 75 37 05 W	Fl G 4s	15	4	SG on pile.	
					*		24/03
28510	- CHANNEL LIGHT 27		Fl G 4s	15	4	SG on multi-pile structure.	Light equipment removed when endangered by ice.
					*		24/03
28550	- LIGHT 6	35 54 44 N 75 39 23 W	Fl R 4s	15	4	TR on multi-pile structure.	
					*		24/03
28551	- LIGHT 8		Q R	15	4	TR on pile.	
					*		24/03
28580	- CHANNEL LIGHT 33		Fl G 4s	15	4	SG on pile.	Light equipment removed when endangered by ice.
					*		24/03
28720	- SOUTH FERRY TERMINAL LIGHT 6		Fl R 2.5s	15	3	TR on pile.	
					*		24/03

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## SECTION II

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

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
29075	- Warning Daybeacon	35 09 12 N 76 00 33 W				NW on pile worded DANGER SHOAL.	*
		*				*	24/03
*29077	- Buoy 12					Red nun.	
							24/03
29080	- WARNING LIGHT Marks LEHIGH wreck.		Fl W 4s	15	5	NW on multi-pile structure worded DANGER WRECK.	HORN: 1 blast ev 30s (3s bl).
		*	*	*	*	*	*
*29083	- Lighted Buoy 13		Fl G 2.5s		3	Green.	
							24/03
29085	- Warning Daybeacon			15	3	NW on pile worded DANGER SHOAL.	
		*	*	*	*	*	
*29087	- Lighted Buoy 14		Fl R 4s		3	Red.	
							24/03
29100	- LIGHT 4	35 07 36 N 76 00 23 W	Fl R 2.5s	15	3	TR on pile.	
		*					24/03
29120	- LIGHT 9		Fl G 2.5s	17	4	SG on pile.	Higher intensity beam toward Royal Shoal Light 1.
					*		
33855	Cherry Point Channel Daybeacon 2	34 56 46 N 76 48 35 W				TR on pile.	
		*					24/03
33865	Cherry Point Channel Daybeacon 4	34 56 27 N 76 48 36 W				TR on pile.	
		*					24/03
34325	- LIGHT 2CS	35 00 16 N 76 12 11 W	Fl R 4s	15	3	TR on pile.	
		*					24/03

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

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
7400	- CHANNEL RANGE FRONT LIGHT	30 22 59 N 81 33 18 W	Q W	18		KRW on dolphin.	Visible 2° each side of rangeline.
		*					24/03

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## SECTION II

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

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
7475	- RANGE FRONT LIGHT	30 24 45 N 81 35 20 W	Q R	22		KRW on pile.	Visible all around; higher intensity on rangeline. 24/03
		*		*			
7515	- RANGE FRONT LIGHT	30 24 44 N 81 35 38 W	Q R	26		KRW on dolphin.	Visible all around; higher intensity on rangeline. 24/03
		*		*			
<b>*Add Headings:</b> <b>*Biscayne Bay</b> <b>*Dinner Key Seaplane Channel</b>							
*48905.4	- Daybeacon 10					TR on pile.	Private aid. 24/03
<b>*Delete Headings:</b> <b>*Biscayne Bay</b> <b>*Dinner Key Seaplane Channel</b>							
48910	BISCAYNE BAY DANGER SHOAL LIGHT	25 42 35 N 80 11 59 W	Fl W 4s	16	4	NW on pile worded DANGER SHOAL.	24/03

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

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
760 17705	OYSTER BAYOU LIGHT	29 12 52 N 91 07 43 W	Fl W 6s	30	7	NB on skeleton tower on piles.	Ra ref. 24/03
		*		*			
770	Ship Shoal Obstruction Lights	28 54 54 N 91 04 16 W				Brown skeleton structure on piles. (Abandoned Lighthouse.)	Shows 2 Quick Flashing White Obstruction lights, flashing simultaneously, displayed at a height of 17 feet from perimeter of lower platform. 24/03
		*	*				
1300 25785	COLORADO RIVER EAST JETTY ENTRANCE LIGHT 2	28 35 24 N 95 58 48 W	Fl R 2.5s	20	4	TR on pile with platform.	*
							24/03
1455	- LIGHT 7	30 03 45 N 84 11 23 W	Fl G 4s	17	3	SG on pile.	Ra ref. 24/03
		*					
1495	- LIGHT 14	30 04 49 N 84 11 17 W	Fl R 4s	17	4	TR on pile.	Ra ref. 24/03
		*		*			
1615	- LIGHT 40	30 07 07 N 84 12 05 W	Fl R 4s	17	4	TR on pile.	Ra ref. 24/03
		*		*			

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## SECTION II

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

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
2357	DOG ISLAND LIGHT 7		Fl G 4s	17	5	SG on pile.	
				*			24/03
2727	APALACHICOLA BAY WRECK LIGHT	29 39 20 N 84 59 52 W	Fl W 2.5s	17	5	NW on pile.	
		*		*			24/03
<b>APALACHICOLA BAY TO LAKE WIMICO (Chart 11402)</b>							
<b>West Pass</b>							
2850	- LIGHT	29 37 52 N 85 05 51 W	Fl W 2.5s	17	5	NB on dolphin.	
		*		*			24/03
3125	PORT ST. JOE TURNING BASIN LIGHT 30	29 48 55 N 85 18 54 W	Fl R 6s	17	4	TR on pile.	
		*		*			24/03
3320 29770	- WEST LIGHT 3	30 09 02 N 85 41 29 W	Q G	17	3	SG-SY on dolphin.	
		*		*			24/03
3415	- LIGHT 1	30 10 28 N 85 44 47 W	Fl G 4s	17	4	SG on pile.	Ra ref.
		*		*			24/03
3640	- LIGHT 5	30 08 25 N 85 44 12 W	Fl G 4s	17	4	SG on dolphin.	
		*		*			24/03
3840	- LIGHT 13	30 23 22 N 86 29 29 W	Fl G 4s	17	4	SG on pile.	Ra ref.
		*		*			24/03
3905	- ENTRANCE LIGHT 15		Fl G 4s	17	4	SG on pile.	
				*			24/03
4075 31570	- NAVY RANGE FRONT LIGHT	30 20 04 N 87 18 59 W	Fl G 2.5s Fl G 2.5s	34 36		On skeleton tower on piles.	Visible all around, higher intensity on range line. Lighted throughout 24 hours.
		*		*			24/03
<b>PENSACOLA BAY (Chart 11383)</b>							
<b>Pensacola Bay</b>							
4175	- RANGE FRONT LIGHT	30 24 26 N 87 11 36 W	Fl W 2.5s (Day) Fl G 2.5s (Night) Fl G 2.5s	18 15 21	3	On skeleton tower on piles.	DAY: Visible 2° each side of range line. NIGHT: Visible all around, higher intensity 2° each side of range line.
				*			24/03
4215	FAIR POINT LIGHT 2		Fl R 6s	17	4	TR on pile.	Ra ref.
				*			24/03

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## SECTION II

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

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>Bayou Chico</b>							
4355	- LIGHT 2		Fl R 2.5s	17	4	TR on pile.	
					*		*
							24/03
4385	- LIGHT 10		Fl R 4s	20	3	TR on pile.	
					*		24/03
4615	- LIGHT 33		Fl G 4s	17	4	SG on pile.	Ra ref.
					*		24/03
<b>SANTA ROSA SOUND TO DAUPHIN ISLAND (Chart 11378)</b>							
<b>Escambia Bay</b>							
4690	- LIGHT 2	30 28 00 N 87 07 19 W	Fl R 6s	17	4	TR on pile.	
		*			*		24/03
4953	MOBILE POINT RANGE FRONT PASSING LIGHT		Fl W 4s	29	5	On same structure as Mobile Point Range Front Light.	
					*		24/03
5330	- LIGHT 59	30 31 20 N 88 01 25 W	Oc G 4s	17	5	SG on pile.	Ra ref.
		*			*		24/03
5417	- RANGE FRONT PASSING LIGHT		Q W	27	5	On same structure as Mobile Channel Range Front Light.	
					*		24/03
5425	- LIGHT 76 200 feet outside channel limit.	30 37 45 N 88 01 52 W	Fl R 2.5s	17	5	TR on pile.	Ra ref.
		*			*		24/03
6167	FOWL RIVER OBSTRUCTION LIGHT 12A	30 27 02 N 88 06 31 W	Q R	17	3	TR on pile.	
		*					24/03
*6292	- Lighted Buoy WR17A	30 31 27 N 88 05 43 W	Q G	4	Green.		
							24/03
6297	- Lighted Buoy WR17A					Remove from list.	
						*	24/03
6470	- CHANNEL LIGHT 3	30 33 18 N 88 02 28 W	Fl G 4s	17	3	SG on pile.	Ra ref.
		*			*		24/03

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## SECTION II

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

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
6535	- CHANNEL LIGHT 15	30 33 54 N 88 05 04 W	Fl G 4s	21	3	SG on pile.	Ra ref.
		*		*			24/03
6643	ISLE AUX HERBES WRECK LIGHT	30 18 18 N 88 16 27 W	Fl W 2.5s	17	3	NW on pile worded DANGER WRECK.	Ra ref.
		*		*			24/03
6802	PETIT BOIS PASS LIGHT P	30 13 53 N 88 19 53 W	Fl W 2.5s	20	4	NR on piles.	Ra ref.
		*		*			24/03
7042	- WRECK LIGHT WR	30 16 51 N 88 31 08 W	Fl W 2.5s	17	4	NW on pile worded DANGER WRECK.	Ra ref.
		*		*			24/03
7280	- LIGHT 11	30 24 20 N 88 35 04 W	Fl G 4s	17	3	SG on pile.	Ra ref.
		*		*			24/03
7315	- CUTOFF LIGHT 3	30 25 33 N 88 32 28 W	Fl G 4s	17	3	SG on pile.	Ra ref.
		*		*			24/03
7433	- LIGHT 11B	30 20 05 N 88 30 52 W	Fl G 6s	17	3	SG on pile.	Ra ref.
		*		*			24/03
8562	GULFPORT OBSTRUCTION LIGHT A	30 14 03 N 88 59 00 W	Q W	30	4	NB on concrete structure.	
		*	*	*	*	*	24/03
8839	LONG BEACH WRECK LIGHT WR1	30 20 20 N 89 08 31 W	Q G	17	2	SG on pile.	Ra ref.
		*		*			24/03
17280	- LIGHT 17		Q G	17	3	SG on pile.	Ra ref.
				*			24/03
17330	- LIGHT WR28		Q R	17	4	TR on pile.	Ra ref.
				*			24/03
<b>TIMBALIER AND TERREBONNE BAYS (Chart 11357)</b>							
<b>Lake Pelto</b>							
17350	CALIFORNIA CANAL ENTRANCE LIGHT C	29 03 39 N 90 42 18 W	Fl W 6s	17	6	NG on piles.	Ra ref.
				*			24/03
17355	- LIGHT 2	29 04 43 N 90 42 20 W	Fl R 6s	17	5	TR on dolphin.	Ra ref.
		*		*			24/03

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## SECTION II

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

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
17450	- ENTRANCE LIGHT 5	29 10 24 N 90 56 38 W	Fl G 2.5s	17	4	SG on pile.	Ra ref.
		*		*			24/03
17705 760	OYSTER BAYOU LIGHT	29 12 52 N 91 07 43 W	Fl W 6s	30	7	NB on skeleton tower on piles.	Ra ref.
		*		*			24/03
17965	- LIGHT 18	29 17 00 N 91 27 38 W	Fl R 4s	17	3	TR on pile.	Ra ref.
		*		*			24/03
18010	- LIGHT 27 100 feet outside channel limit.	29 21 01 N 91 24 15 W	Fl G 4s	17	4	SG on pile.	Ra ref.
		*		*			24/03
18015	- LIGHT 28	29 20 57 N 91 24 08 W	Fl R 4s	17	4	TR on pile.	Ra ref.
		*		*			24/03
18035	- LIGHT 33		Fl G 4s	17	4	SG on same structure as Point Au Fer Reef Light.	
				*	*		24/03
25433	- Buoy 2					Remove from list.	
						*	24/03
*25443	- Buoy 2					Red nun.	
							24/03
<b>CEDAR LAKES TO ESPIRITU SANTO BAY (Chart 11319)</b>							
25780 1295	COLORADO RIVER WEST JETTY ENTRANCE LIGHT 1	28 35 28 N 95 59 04 W	Fl G 2.5s	17	4	SG on pile with platform.	
					*		24/03
26015	- RANGE B REAR LIGHT 1,200 yards, 128.6° from front light.		Oc W 4s	57		KRW on skeleton tower block. On same structure as Matagorda Bay Entrance Light.	Visible 3° each side of rangeline.
				*	*		24/03
*29575	- LIGHT 25		Fl G 4s	17	4	SG-SY on pile.	Ra ref.
							24/03
29770 3320	- WEST LIGHT 3	30 09 02 N 85 41 29 W	Q G	17	3	SG-SY on dolphin.	
		*		*			24/03
31570 4075	- NAVY RANGE FRONT LIGHT	30 20 04 N 87 18 59 W	Fl G 2.5s Fl G 2.5s	34 36		Skeleton tower on piles.	Lighted throughout 24 hours. Visible all around; higher intensity on range line.
		*		*			24/03

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## SECTION II

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

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
2870	- Lighted Mooring Buoy	33 44 48 N 118 10 00 W	Fl W 3s			White with blue bands.	Private aid.
		*					24/03
*2980	QUEEN MARY CRUISE TERMINAL LIGHT S	33 44 59 N 118 11 12 W	Fl W 4s	20		On pile.	Private aid.
							24/03
3136	- Lighted Buoy 4						Remove from list.
							*
3142	- Lighted Buoy 6						Remove from list.
							*
4970	- CHANNEL LIGHT 6	37 38 35 N 122 18 56 W	Fl R 4s	15	4	TR on pile.	
		*					24/03
18301	CARILLON POINT MARINA NORTH ENTRANCE LIGHT	47 39 23 N 122 12 33 W	Fl Y 4s	5		On breakwater.	Private aid.
		*					24/03
*18302	Carillon Point Marina Lighted Regulatory Buoy	47 39 20 N 122 12 34 W	Fl W 4s			White can with orange markings.	Private aid.
							24/03
*Delete Headings: *LAKE WASHINGTON SHIP CANAL (Chart 18447) *Lake Washington							
*18303	CARILLON POINT MARINA NORTH ENTRANCE LIGHT	47 39 17 N 122 12 28 W	Fl Y 4s	5		On breakwater.	Private aid.
							24/03

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

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
2415	- Buoy 3					Green can.	Maintained from May 1 to Nov. 1.
		*					24/03

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## SECTION II

CORRECTIONS TO PUB 110, LIST OF LIGHTS, 2003 EDITION							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
16680 <b>Isla Mucura.</b> <i>J 6157</i>		9° 47.1' N 75° 52.3' W	Fl.(2)W. period 10s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 7.5s	79 24	15	Red and white tower.	
		*		*	*	*	24/03
CORRECTIONS TO PUB 111, LIST OF LIGHTS, 2002 EDITION							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
1260 <b>-Punta Duprat.</b> <i>G 1875</i>		33° 01.6' S 71° 37.5' W	Fl.W. period 5s fl. 0.2s, ec. 4.8s	69 21	20	White octagonal concrete tower, red band; 51.	Visible 335°-318°.
		*			*	*	24/03
1528 <b>-Muelle Niebla No. "2".</b> <i>G 1737.4</i>		39° 52.3' S 73° 23.0' W	Fl.G. period 5s fl. 1s, ec. 4s	20 6	8	Green fiberglass pillar; 13.	Visible 219°-086°.
		*		*	*	*	24/03
1633 <b>--Canal Tenglo Range, front.</b> <i>G 1703</i>		41° 29.6' S 72° 58.7' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	23 7	14	White fiberglass tower, red bands; 11.	Visible 228°-236°.
				*			24/03
1634 <b>--Rear, 20 meters 232° from front.</b> <i>G 1703.1</i>		41° 29.6' S 72° 58.7' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	43 13	14	White fiberglass tower, red bands; 11.	Visible 228°-236°.
				*			24/03
11280 <b>-Low Island.</b> <i>G 5834</i>		52° 54.7' N 131° 32.4' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	59 18	6	White round tower.	
		*	*				24/03
11460 <b>-Triple Islands.</b> <i>G 5812</i>		54° 17.7' N 130° 52.8' W	Fl.(2)W. period 9s fl. 0.2s, ec. 2.3s fl. 0.2s, ec. 6.3s	92 28	16	White tower; 72.	
				*			24/03
11528 <b>-Bonilla Island.</b> <i>G 5748</i>		53° 29.6' N 130° 38.1' W	Fl.W.R. period 5s fl. 0.3s, ec. 4.7s	120 37	22	White round tower; 32.	R. 334°-360°, W.-168°, R.-198°, obscured elsewhere. Emergency light.
				*			24/03
11556 <b>-Green Island.</b> <i>G 5814</i>		54° 34.1' N 130° 42.5' W	Fl.W. period 5s	63 19	16	White tower; 35.	Operates at night only.
				*			24/03
12192 <b>-Addenbroke Island.</b> <i>G 5672</i>		51° 36.2' N 127° 51.8' W	Fl.W. period 5s	79 24	16	White round tower.	Horn: 1 bl. ev. 30s.
		*	*				24/03

**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 111, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
12812 <i>G 5538</i>	-Denman Island.	49° 32.3' N 124° 49.8' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	20 6	6	White round tower, red band at top.	*
12824 <i>G 5534</i>	-Mapleguard Point (Deep Bay).	49° 28.0' N 124° 44.1' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	30 9	7	White round tower, green band at top.	24/03
14084 <i>G 5224</i>	Estevan Point.	49° 23.0' N 126° 32.6' W	Fl.(2)W. period 15s fl. 0.4s, ec. 2.1s fl. 0.4s, ec. 12.1s	123 38	18	White octagonal tower; 100. Horn: 1 bl. ev. 60s. Emergency light.	*
14164 <i>G 5206</i>	-Double Island.	49° 50.6' N 126° 59.9' W	Fl.W. period 10s fl. 1s, ec. 9s	33 10	12	White round tower, green band at top; 12.	24/03
14184 <i>G 5209</i>	-N. side.	49° 57.6' N 126° 50.8' W	Q.R.	21 6	4	White round tower, red band at top; 16.	*
							24/03

### CORRECTIONS TO PUB 111, RADIOBEACONS, 2002 EDITION

(1) No.	(2) Name	(3) Position	(4) Characteristic	(5) Range	(6) Sequence	(7) Frequency	(8) Remarks
980	Estevan Point						Remove from list.
							*
							24/03

### CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*16823 <i>F 4340.85</i>	Chilcheon Bridge.	34° 58.8' N 128° 38.9' E	Iso.W. period 4s	62 19	7	Red round daymark, white stripes.	Iso.R. 4s 19m 4M and Iso.G. 4s 19m 4M mark width of navigable span. Iso.Y. 4s 14m 6M mark bridge pilings.
							24/03

### CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
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CHAUSEE DE SEIN:

248 <i>D 0852</i>	-Ar-Men.	48° 03.0' N 4° 59.8' W	Fl.(3)W. period 20s fl. 0.4s, ec. 3.6s fl. 0.4s, ec. 3.6s fl. 0.4s, ec. 11.6s	94 29	23	White tower, dark base, black top; 120.	*
							24/03

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## SECTION II

### CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
7568 -Lanterna. E 1206		44° 24.3' N 8° 54.3' E	Fl.(2)W. period 20s fl. 0.2s, ec. 4.8s fl. 0.2s, ec. 14.8s	384 117	25	Square tower on dwelling; 249.	Reserve light range 18M. Signal station.
			Oc.R. period 1.5s	390 119	10	Cupola of same structure.	
		*	*	*	*	*	*
							24/03
DHIAVLOS MAKRONISOU:							
15608 -Makronisos, Akra Angalistros. E 4204		37° 39.0' N 24° 07.0' E	Fl.(2)W. period 14s fl. 1s, ec. 2s fl. 1s, ec. 10s	105 32	12	Round hut; 13.	Visible 207°-168°.
				*		*	
							24/03
15616.1 -Lavrio, N. mole, head. E 4209.1		37° 42.5' N 24° 04.1' E	Fl.G. period 3s fl. 0.3s, ec. 2.7s	26 8	5	STARBOARD (A) G, beacon.	
		*	*	*	*		
							24/03
KOLPOS PETALION:							
16228 -Nisis Mandili. E 4451		37° 56.0' N 24° 31.0' E	Fl.(3)W. period 20s fl. 0.1s, ec. 3.2s fl. 0.1s, ec. 3.2s fl. 0.1s, ec. 13.3s	272 83	15	Round tower, dwelling; 33.	
				*		*	
							24/03
16264 -Ormos Rafinas, mole, head. E 4347.6		38° 01.0' N 24° 01.0' E	Fl.G. period 3s fl. 0.3s, ec. 2.7s	29 9	3	White hexagonal hut, column and gallery, green band.	
			*				
							24/03
*18749 --Khlebnaya Havan. E 5501		47° 03.4' N 37° 30.6' E	Fl.R. period 3s	1			
							24/03

### CORRECTIONS TO PUB 113, RADIODEACONS, 2002 EDITION

(1) No.	(2) Name	(3) Position	(4) Characteristic	(5) Range	(6) Sequence	(7) Frequency	(8) Remarks
590 Genova Light Station							Remove from list.

\*

24/03

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## SECTION II

### CORRECTIONS TO PUB 114, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*9002 -Oost dyck, Heli-tower. <i>B 0147</i>		51° 16.5' N 2° 26.8' E	Fl.(5)Y. period 20s	49 15	12	Red tower, three white bands. Horn: Mo(U) ev. 30s.	Light on each of four corners. 24/03
-RACON			O(---)				
9480 Belgische Sluis, E. bank. <i>B 0370</i>							Remove from list. 24/03
9488 - -Rear, 195 meters 112° from front. <i>B 0372.1</i>		51° 17.3' N 4° 19.5' E	Oc.W. period 5s lt. 4s, ec. 1s	39 12	7	Red post, red triangular daymark, point down, red lantern.	Visible 109°30'-114°30' by day. Synchronized with front. 24/03
		*		*	*	*	

### SUMMARY OF CORRECTIONS TO PUB 116, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
32 Krishallan. <i>B 2186</i>		58° 56.0' N 11° 07.7' E	Fl.(3)W.R.G. period 9s	26 8	W. 9 R. 6 G. 5	White lantern on pedestal.	G. 285°-303°, W.-333°, R.-033°, G.-096°, W.-100°, R.-107°. 24/03
		*					
284 Gravarna Backevik Range, front. <i>C 0370</i>		58° 21.4' N 11° 14.8' E	Iso.R. period 3s	49 15	8	On roof of sector light.	
			Iso.W.R.G. period 3s	49 15	W. 8 R. 6 G. 5	Red lantern.	G. 046°-055°, W.-058°, R.- 069°30'. 18/03
		*	*	*	*	*	*
*402 Byxeskaren. <i>C 0390.5</i>		58° 15.7' N 11° 23.2' E	V.Q.G.	31 10	3	White concrete tower; 16.	Visible 070°-270°. Radar reflector. 16/03
		*					
672 - -Rear, 110 meters 101° from front. <i>C 0490</i>		57° 56.7' N 11° 33.9' E	F.G.	44 13	2	Post, orange triangular daymark. Fishing light.	
		*					18/03
680 -Berlin Islet. <i>C 0490</i>		57° 56.0' N 11° 33.0' E	Fl.W.R.G. period 3s fl. 0.7s, ec. 2.3s	25 8	W. 5 R. 3 G. 3	White round metal hut, red roof.	G. 330°30'-338°30', W.-343°, R.-096°30', G.-136°30', W.- 144°24', R.-155°, G.-163°, W.- 168°30', R.-191°. 18/03
		*			*		

#### RANDERS FJORD:

1936 -Udbyhoj. <i>C 0176</i>		56° 35.4' N 10° 19.2' E	Oc.W.R.G. period 5s lt. 4s, ec. 1s	108 33	W. 15 R. 12 G. 12	Gray round tower; 15.	G. 194°-228°, W.-232°, R.- 254°, G.-276°, W.-279°, R.- 289°. 22/03
*3194 -Mecklenburger Bucht. <i>C 1287</i>		54° 17.1' N 11° 24.6' E	Oc.(3)Y. period 12s	62 19	5	Pole; 72.	

22/03

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## SECTION II

### SUMMARY OF CORRECTIONS TO PUB 116, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
3752 <i>C 1556</i>	Knudshoved.	55° 17.4' N 10° 51.0' E	Oc.W.R.G. period 10s lt. 6s, ec. 4s	52 <b>16</b>	W. 12 R. 10 G. 10	White square tower; 41.	G. 220°-269°, W.-276°, R.- 305°30', G.-359°, W.-003°30', R.-095°.
					*		22/03
4184 <i>C 1779.3</i>	-Rosnaes Range, front.	54° 50.0' N 11° 06.3' E	Iso.G. period 2s	13 4	4	Orange triangular daymark, point up.	*
		*	*	*	*	*	22/03
4188 <i>C 1719.4</i>	--Rear, 265 meters 064° from front.	54° 50.0' N 11° 06.5' E	Iso.G. period 4s	30 9	4	Orange triangular daymark, point up.	*
		*	*	*	*	*	22/03
5120 <i>C 2270</i>	Lerberget, N. pier, head.	56° 10.6' N 12° 33.2' E	Fl.W.R.G. period 3s	13 4	W. 6 R. 4 G. 4	Post.	G. shore-356°, R.-010°, G.- 042°, W.-048°, R.-065°, G.- 108°, W.-113°, R.-143°, G.- shore. Fishing light shown from Sept. 1 to Nov. 1 and at other times when required.
		*			*		*
					*		22/03
-Chelminek (Leithholm):							
6276 <i>C 2719</i>	-N. end.	53° 40.4' N 14° 31.4' E	Oc.(2)R. period 8s lt. 1s, ec. 1s lt. 5s, ec. 1s	42 13	3	Red beacon with gallery; 43.	Synchronized with 6280.
		*	*		*		*
6280 <i>C 2720</i>	-S. end.	53° 40.2' N 14° 32.0' E	Oc.(2) R. period 8s	26 8	3	Red metal tower; 26.	Synchronized with 6276.
		*	*		*		*
6284 <i>C 2722</i>	-Brama Tower No. 4, E. end.	53° 39.9' N 14° 32.0' E	Iso.W. period 2s	82 25	7	Red framework tower, concrete base; 79.	Visible 137°18'-144°48' and 320°18'-327°48'.
		*	*				24/03
6288 <i>C 2721</i>	-W. tower.	53° 39.8' N 14° 31.8' E	Iso.W. period 2s	82 25	7	Green round metal tower, concrete base; 79.	Visible 138°-145°48' and 315°18'-322°48'. Reserve light Oc.W. 5s.
		*					24/03
6476 <i>C 2876.2</i>	-Elbow of Mole.	53° 43.6' N 14° 16.9' E	Iso.G period 4s	23 7	4	Mast; 19.	
		*	*				24/03
*6790 <i>C 3021.5</i>	-Holland Quay.	54° 32.0' N 18° 33.3' E	F.G.	23 7	2	Green Column.	
							24/03
7152 <i>C 7582</i>	-Simrishamn.	55° 33.5' N 14° 21.6' E	Iso.W.R.G. period 6s	52 <b>16</b>	W. 13 R. 10 G. 9	White concrete tower; 51.	G. shore-160°, W.-223°, G.- 238°, W.-279°, R.-285°, W.- 355°, R.-shore.
		*			*		22/03

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## SECTION II

### SUMMARY OF CORRECTIONS TO PUB 116, LIST OF LIGHTS, 2003 EDITION

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7556 <i>C 7460</i>	-Stumholmen (Karlskrona) Range, front.	56° 09.5' N 15° 35.8' E	Iso.R. period 6s	71 22	16	White tower; 79.	
			*				24/03
7560 <i>C 7460.1</i>	--Rear, 1.3 km. 012°30' from front.	56° 10.2' N 15° 36.1' E	Iso.R. period 3s	123 37	16	White tower; 50.	
		*	*	*	*		*
			*				20/03
8616 <i>C 6832</i>	-Havringe Range, front.	58° 36.2' N 17° 19.1' E	Q.W.	31 10	14	White hut, black band, white rectangular daymark. Floodlit.	Visible on range line only.
		*	*	*	*		
			*				20/03
8972 <i>C 6677.8</i>	Egelholm Range, front.	59° 00.0' N 17° 43.0' E	Q.W.R.G.	10 3	W. 10 R. 7 G. 6	White hut, red roof. Floodlit.	G. shore-170°, W.-171°30', R.-230°, G.-338°, W.-353°30', R.-shore.
			*				*
							16/03
*9005 <i>C 6680</i>	Tegeltorp.	59° 13.9' N 17° 36.4' E	Q.W.R.G.	16 5	W. 3 R. 2 G. 2	White structure, green band.	R. 338°-348°30', G.-354°30', W.-151°, R.-shore.
			*				
							16/03
VISBY:							
9792 <i>C 7236.5</i>	-N. breakwater.	57° 38.1' N 18° 16.2' E	Q.R.	30 9	9	White tower, green band; 20. Floodlit.	
		*			*		21/03
9808 <i>C 7242</i>	Flundereviken Range, front.	57° 40.1' N 18° 19.8' E	F.R.	16 5	5	Post, red triangular daymark.	Fishing.
		*					22/03
9812 <i>C 7242</i>	-Rear, 27 meters 096° from front.	57° 40.1' N 18° 19.8' E	F.R.	23 7	5	Post, red triangular daymark.	Fishing.
		*					22/03
10296 <i>C 6238</i>	Argos Grund.	60° 37.7' N 18° 21.6' E	FI.W. period 3s	56 17	9	White tower, black band, on gray base in water; 59.	
RACON		O(--)	period 30s		14		(3 & 10cm)
					*		
							16/03
11260 <i>C 5858</i>	Norra Kvarken, Gasflotten Fishing Range, front.						Remove from list.
							*
							21/03
11264 <i>C 5858.1</i>	--Rear, 150 meters 325° from front.						Remove from list.
							*
							21/03

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## SECTION II

### SUMMARY OF CORRECTIONS TO PUB 116, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
12320 <i>C 3540</i>	-Mangali Range, front.	57° 03.0' N 24° 03.7' E	Iso.W. period 3s	56 17	2	Metal tower, white trapezoidal daymark, black stripe; 52.	Visible on range line only.
		*	*	*	*	*	24/03
12324 <i>C 3540.1</i>	--Rear, 95 meters 326°06' from front.	57° 03.1' N 24° 03.5' E	Iso.W. period 3s	39 12	3	White framework structure, black stripe, white square daymark, black stripe; 29.	Visible on range line only. Synchronized with front.
		*	*			*	19/03
12324 <i>C 3540.1</i>	--Rear, 95 meters 326°06' from front.	57° 03.1' N 24° 03.5' E	Iso.W. period 3s	77 24	3	Metal tower, white trapezoidal daymark, black stripe; 72.	Visible on range line only. Synchronized with front.
		*	*	*	*	*	24/03
12352 <i>C 3548.4</i>	-E. Kurpnieksala.	57° 01.7' N 24° 05.4' E	Fl.(3)R. period 9s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	38 12	2	Red round column, forked widening on top; 25.	Radar reflector.
		*	*	*	*	*	24/03
-Putnu Sala:							
12376 <i>C 3550</i>	-S. end.	56° 59.4' N 24° 05.7' E	Fl.(3)R. period 9s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	38 12	2	Red round column, forked widening on top; 25.	Radar reflector.
		*	*	*	*	*	24/03
*12707 <i>C 3721</i>	-Soru Range, front.	58° 42.1' N 22° 29.5' E	Q.W.	43 13	9	White round concrete tower, red lantern; 36.	Visible on range line only. Shown Apr. 20 to Dec. 10.
							19/03
12708 <i>C 3721.1</i>	--Rear, 0.26 mile 310°36' from front.	58° 42.2' N 22° 29.1' E	Iso.W.R.G. period 4s	59 18	W. 7 R. 4 G. 2	White round concrete tower, red lantern; 52.	W. 300°-003°, G.-044°, W.-074°30', R.-086°30', W.-133°. Shown Apr. 20 to Dec. 10.
*	*	*	*	*	*	*	19/03
*12764.2 <i>C 3775.4</i>	Paldiski Pohjasadam, W. mole.	59° 21.0' N 24° 02.8' E	Fl.I.W.R. period 2s fl. 0.4s, ec. 1.6s	16 5	W. 6 R. 4	Red round metal tower with balcony; 10.	W. 290°-130°, R.-162°.
							17/03
*12764.3 <i>C 3775.5</i>	-E. mole.	59° 21.0' N 24° 02.9' E	Fl.G. period 3s fl. 1s, ec. 2s	16 5	4	White round metal tower; 10.	
							17/03
12765 <i>C 3778</i>	Madise Range, front.	59° 17.6' N 24° 07.0' E	Iso.W. period 2s	72 22	7	Metal framework tower, white rectangular daymark, black stripe; 65.	
					*	*	17/03
*12885 <i>C 3851.2</i>	Karbimalad Range, front.	59° 33.0' N 24° 58.3' E	Q.W.(3)+L.FI.W. period 10s	52 16	7	White round metal tower, red bands, red base, two balconies; 49.	
							17/03

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## SECTION II

### SUMMARY OF CORRECTIONS TO PUB 116, LIST OF LIGHTS, 2003 EDITION

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*12885.1 <i>C 3851.21</i>	-Tammneeme, rear, 2.8 miles 260°06' from front.	59° 32.5' N 24° 52.8' E	Iso.W. period 4s	157 48	14	White round metal tower, black rectangular shields; 131.	17/03

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## SECTION II

PUBLICATIONS AFFECTED BY NOTICE TO MARINERS  
THROUGH NM 24/03

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

NIMA Reference No.	Ed.	Notice to Mariners No.	NIMA Reference No.	Ed.	Notice to Mariners No.	NIMA Reference No.	Ed.	Notice to Mariners No.
<b>NIMA HYDRO CATALOG CATP2V01U</b> Region 1	2002	1*,2,3,4,7,8,9,10,11, 14,15,17,19,20,21, 22,23,24/03	SDPUB145	2000	13*,14,18,19,22,26, 32,37,38,46,47,51, 53/00;1,4,5,7,10,12, 28,29,35,52/01;14, 27/02	COMDTM165027	2003	18*,20,21,22,23, 24/03
Region 2	2002	1*,8,15,17,20,21,22, 23,24/03	SDPUB147	2001	35/01*:21,22,23, 24/02	<b>FLEET GUIDES</b> FGPUB940ATL FGPUB941PAC	2001	N47/01* N22/01*
Region 3	2002	1/03*	SDPUB148	2001	48/01*:23,24/02; 22/03	<b>NOS MISCELLANEOUS PUBLICATIONS</b> NOSPBCATALOG1 NOSPBCATALOG2 NOSPBCATALOG3 NOSPBCATALOG4	2000	20/00* 34/00* 28/00* 34/00*
Region 4	2002	1*,23/03	SDPUB153	2000	6/01*:28,30,41,44, 46,47,48,52/02;1,3, 4,8,13,15,22/03	<b>ALMANACS</b> AIRALMANAC301 NAUTALMANAC03	2003	44/02* 44/02*
Region 5	2002	1*,3,5,8,22/03	SDPUB154	2002	17*,19,31,42,44,45, 46,48,50/02;3,14,19, 23/03	<b>COAST PILOT</b> NOSPBCP1	32	37*,39,41,47,51/01; 1,5,7,13,18,33,37, 39,42,45,49,51/02;3, 9,10,18,20/03
Region 6	2002	1*,10,11,13,16,19, 20,21/03	SDPUB155	2001	31*,48/01;10,45, 46/02	NO SPBCP2 NOSPBCP3	32	17*,18,21,22/03
Region 7	2002	1*,11,15/03	SDPUB159	2002	42*,48/02	3*,5,7,12,15,17,18, 21,22,27,28,33,37, 42,45,49,51/02;3,10, 12,13,14,18,20/03		
Region 8	2002	1*,14/03	SDPUB160	2002	47*,48,49,52/02;6,8, 10,11,19,21,22, 23/03	NOSPBCP4	34	49*,51/02;12,14,18, 20,21,22/03
Region 9	2002	1/03*	SDPUB161	2002	23*,24,44,47,48/02; 5,12/03	NOSPBCP5	30	2*,6,10,12,14,18, 20/03
Miscellaneous Charts and Publications	2002	1*,2,4,5,6,7,9,11,12, 13,15,17,18,19,20, 21,23,24/03	SDPUB162	2001	51/01*:5,12/03	NOSPBCP6 NOSPBCP7	33	23/03*
<b>NIMA LIST OF LIGHTS</b>			SDPUB163	2002	18*,20,21,26,46, 51/02;13,24/03	34	1*,3,10,18,20,21, 22/03	
LLPUB110	2003	7*,8,9,11,13,14,15, 16,17,18,20,21,23, 24/03	SDPUB164	2000	30/00*:31,35,36/01; 8/03	NOSPBCP8	24	3*,5,16,17,19,23,33, 37,40,47,50,51/02;9, 18/03
LLPUB111	2002	35*,36,37,38,39,40, 41,42,43,44,45,46, 47,48,50,51,52/02;1, 2,3,4,5,6,7,8,9,10, 12,15,16,17,18,19, 20,21,22,23,24/03	SDPUB171	2001	40*,47,48,52/01;5,9, 14,16,41/02;23, 24/03	NOSPBCP9	20	12*,20,23,33,37,45, 50,51/02;3,6,9,10, 14,18,20/03
LLPUB112	2003	4*,5,6,7,8,9,10,11, 12,13,14,15,16,17, 18,19,20,21,22,23, 24/03	SDPUB172	2001	1*,2,3,5,6,7,8,9,14, 15,16,17,18,19,20, 22,24/02;1,11,12,13, 14,15,19,20,22, 23/03	<b>RADIO NAVIGATIONAL AIDS</b> RAPUB117	2002	50/02;13/03
LLPUB113	2002	45*,47,48,50,51, 52/02;1,2,3,4,5,6,7, 8,10,11,12,13,14,15, 16,17,18,19,20,21, 22,23,24/03	SDPUB173	2002	50*,51/02;3,22, 24/03	AMERICAN PRACTICAL NAVIGATOR NVPUB9	2002	36/02*/14/03
LLPUB114	2003	17*,19,21,22,23, 24/03	SDPUB174	2000	7*,19,37,45,51, 52/01;1,5,14,19,22, 28,33,37,38,48/02	INTERNATIONAL CODE OF SIGNALS CDPUBNV102	2003	20/03*
LLPUB115	2002	39*,40,41,44,45,50, 51,52/02;1,15,19, 20/03	SDPUB175	2001	41*,43,45,51/01;8, 11,12,13,14,16,17, 21,27,37,41,49/02	<b>WORLD PORT INDEX</b> NVPUB150	2000	50/00*/14,15,16,20, 21,41,42,43,44,45, 46,47,48,49,51, 52/01;1,2,5,6,10,11, 12,16,19,21,22,27, 31,32,33,36,39,40, 42,46,49/02;7,10, 15,20/03
LLPUB116	2003	24/03*	SDPUB180	2002	32*,33,42,47,48, 50/02;6,13,14,17,21, 24/03	DISTANCES BETWEEN PORTS NVPUB151	2001	4/02*
<b>SAILING DIRECTIONS</b>			SDPUB181	2002	38*,39/02	RADAR NAVIGATION AND MANEUVERING BOARD MANUAL CDPUBNV1310	2001	51/01*
CDPUBSD125	2003	19/03*	SDPUB182	2001	8*,10,12,41/02; 17/03	<b>SIGHT REDUCTION TABLES (MARINE)</b> SRPUB229V1 SRPUB229V2 SRPUB229V3 SRPUB229V4 SRPUB229V5 SRPUB229V6	1970	11/71*
CDPUBSD131	2002	9/03*	SDPUB183	2001	27/01*:13,15,16/02; 18/03	1970	11/71*	
CDPUBSD146	2002	4/03*	SDPUB191	2000	5*,7,8,9,10,11,12, 13,14,15,16,17,18, 19,20,22,23,27,28, 29,30,31,33,34,36, 44,45,47,48/01;10, 14,15,16,17,42, 50/02;2,9,12,15,18, 22/03	1970	7/71*	
CDPUBSD157	2003	17/03*	SDPUB192	2000	14*,16,17,18,24,26, 31,36,38,39,46/00;4, 14,17,21,22,23,25, 26,28,30,31,32/01; 11,12,13,14,15,16, 22,23,27,36,37,42, 48,52/02;4,5,6,7,8, 13/03	1970	3/71*	
CDPUBSD158	2003	24/03*	SDPUB193	2000	27*,38,49/00;9,26, 27,31,32/01;14,15, 26,52/02;18,19,20, 23/03	1970	3/71*	
CDPUBSD194	2002	6*,8,15,17/03	SDPUB195	2002	33*,40,49,51,52/02; 1,2,3,15,16,21/03	1970	23/70*	
SDPUB120	2001	12*,18,48,49,51/01; 8,13,14,21,22,24,29, 33,35,37,42,43,44, 45,47,48/02;4,6,7,8,9, 10,11,12,14,17,20, 21,23/03	SDPUB200	2002	38*,39,42/02;22/03	<b>SIGHT REDUCTION TABLES (AIR)</b> SRPUB249V1 SRPUB249V2 SRPUB249V3	2000	4/01*
SDPUB123	2001	45*,47,48/01;1,14, 17,18,19/02;24/03	SDPUB200	2003	17*,18,19,20,21,22, 23,24/03	1952	46/52*	
SDPUB124	2001	18*,44,45,47,48,49, 52/01;17,19,20,21, 29,30,31,34,46, 50/02;24/03	SDPUB200	2003	17*,18,19,20,21,22, 23,24/03	1952	46/52*	
SDPUB126	2002	39*,41,42,43,44,45, 48/02;24/03	SDPUB200	2003	17*,18,19,20,21,22, 23,24/03			
SDPUB127	2000	37*,38/00;18,33,40, 44,45,48,49,52/01;1, 11,13,17,18,27,33, 34,37,41,47,49, 51/02;5/03	SDPUB200	2003	17*,18,19,20,21,22, 23,24/03			
SDPUB132	2000	39*,45/00;16,17,31, 35/01;1,12,21,25, 26/02;2,10/03	SDPUB200	2003	17*,18,19,20,21,22, 23,24/03			
SDPUB140	2001	21*,48,49,51/01;8, 17,23,32,42,43,44, 46,47,48,50/02;4,6, 7,8,9,11,12,15,19, 21,22,23,24/03	SDPUB200	2003	17*,18,19,20,21,22, 23,24/03			
SDPUB141	2001	21*,38/01	SDPUB200	2003	17*,18,19,20,21,22, 23,24/03			
SDPUB142	2000	49/00*,3,31,35/01; 1,15,43/02	SDPUB200	2003	17*,18,19,20,21,22, 23,24/03			
SDPUB143	2000	8*,10,19,29/00;16, 26/01;1,25/02;9/03	SDPUB200	2003	17*,18,19,20,21,22, 23,24/03			
SDPUB144	2000	16/02*	SDPUB200	2003	18*,19,20,21,22,23, 24/03			
SDPUB145	2000	16/02*	SDPUB200	2003	18*,19,20,21,22,23, 24/03			
SDPUB146	2000	16/02*	SDPUB200	2003	18*,19,20,21,22,23, 24/03			
SDPUB147	2000	16/02*	SDPUB200	2003	18*,19,20,21,22,23, 24/03			
SDPUB148	2000	16/02*	SDPUB200	2003	18*,19,20,21,22,23, 24/03			
SDPUB149	2000	16/02*	SDPUB200	2003	18*,19,20,21,22,23, 24/03			
SDPUB150	2000	16/02*	SDPUB200	2003	18*,19,20,21,22,23, 24/03			
SDPUB151	2000	16/02*	SDPUB200	2003	18*,19,20,21,22,23, 24/03			
SDPUB152	2000	16/02*	SDPUB200	2003	18*,19,20,21,22,23, 24/03			
SDPUB153	2000	16/02*	SDPUB200	2003	18*,19,20,21,22,23, 24/03			
SDPUB154	2000	16/02*	SDPUB200	2003	18*,19,20,21,22,23, 24/03			
SDPUB155	2000	16/02*	SDPUB200	2003	18*,19,20,21,22,23, 24/03			
SDPUB156	2000	16/02*	SDPUB200	2003	18*,19,20,21,22,23, 24/03			
SDPUB157	2000	16/02*	SDPUB200	2003	18*,19,20,21,22,23, 24/03			
SDPUB158	2000	16/02*	SDPUB200	2003	18*,19,20,21,22,23, 24/03			
SDPUB159	2000	16/02*	SDPUB200	2003	18*,19,20,21,22,23, 24/03			
SDPUB160	2000	16/02*	SDPUB200	2003	18*,19,20,21,22,23, 24/03			
SDPUB161	2000	16/02*	SDPUB200	2003	18*,19,20,21,22,23, 24/03			
SDPUB162	2000	16/02*	SDPUB200	2003	18*,19,20,21,22,23, 24/03			
SDPUB163	2000	16/02*	SDPUB200	2003	18*,19,20,21,22,23, 24/03			
SDPUB164	2000	16/02*	SDPUB200	2003	18*,19,20,21,22,23, 24/03			
SDPUB165	2000	16/02*	SDPUB200	2003	18*,19,20,21,22,23, 24/03			
SDPUB166	2000	16/02*	SDPUB200	2003	18*,19,20,21,22,23, 24/03			
SDPUB167	2000	16/02*	SDPUB200	2003	18*,19,20,21,22,23, 24/03			
SDPUB168	2000	16/02*	SDPUB200	2003	18*,19,20,21,22,23, 24/03			
SDPUB169	2000	16/02*	SDPUB200	2003	18*,19,20,21,22,23, 24/03			
SDPUB170	2000	16/02*	SDPUB200	2003	18*,19,20,21,22,23, 24/03			
SDPUB171	2000	16/02*	SDPUB200	2003	18*,19,20,21,22,23, 24/03			
SDPUB172	2000	16/02*	SDPUB200	2003	18*,19,20,21,22,23, 24/03			
SDPUB173	2000	16/02*	SDPUB200	2003	18*,19,20,21,22,23, 24/03			
SDPUB174	2000	16/02*	SDPUB200	2003	18*,19,20,21,22,23, 24/03			
SDPUB175	2000	16/02*	SDPUB200	2003	18*,19,20,21,22,23, 24/03			
SDPUB176	2000	16/02*	SDPUB200	2003	18*,19,20,21,22,23, 24/03			
SDPUB177	2000	16/02*	SDPUB200	2003	18*,19,20,21,22,23, 24/03			
SDPUB178	2000	16/02*	SDPUB200	2003	18*,19,20,21,22,23, 24/03			
SDPUB179	2000	16/02*	SDPUB200	2003	18*,19,20,21,22,23, 24/03			
SDPUB180	2000	16/02*	SDPUB200	2003	18*,19,20,21,22,23, 24/03			
SDPUB181	2000	16/02*	SDPUB200	2003	18*,19,20,21,22,23, 24/03			
SDPUB182	2000	16/02*	SDPUB200	2003	18*,19,20,21,22,23, 24/03			
SDPUB183	2000	16/02*	SDPUB200	2003	18*,19,20,21,22,23, 24/03			
SDPUB184	2000	16/02*	SDPUB200	2003	18*,19,20,21,22,23, 24/03			
SDPUB185	2000	16/02*	SDPUB200	2003	18*,19,20,21,22,23, 24/03			
SDPUB186	2000	16/02*	SDPUB200	2003	18*,19,20,21,22,23, 24/03			
SDPUB187	2000	16/02*	SDPUB200	2003	18*,19,20,21,22,23, 24/03			
SDPUB188	2000	16/02*	SDPUB200	2003	18*,19,20,21,22,23, 24/03			
SDPUB189	2000	16/02*	SDPUB200	2003	18*,19,20,21,22,23, 24/03			
SDPUB190	2000	16/02*	SDPUB200	2003	18*,19,20,21,22,23, 24/03			
SDPUB191	2000	16/02*	SDPUB200	2003	18*,19,20,21,22,23, 24/03			
SDPUB192	2000	16/02*	SDPUB200	2003	18*,19,20,21,22,23, 24/03			
SDPUB193	2000	16/02*	SDPUB200	2003	18*,19,20,21,22,23, 24/03			
SDPUB194	2000	16/02*	SDPUB200	2003	18*,19,20,21,22,23, 24/03			
SDPUB195	2000	16/02*	SDPUB200	2003	18*,19,20,21,22,23, 24/03			
SDPUB196	2000	16/0						

## SECTION II

**PUBLICATIONS AFFECTED BY NOTICE TO MARINERS  
THROUGH NM 24/03**

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

NIMA Reference No.	Ed.	Notice to Mariners No.		
<b>CHART NO. 1</b> WOBZC1	1997	18/98*		
<b>CHART NO. 4</b> WOBZC4	1988	N23/91*		
<b>ATLAS OF PILOT CHARTS</b> NVPUB107 NVPUB109	1998 2001	30/99* 49/02*		
<b>USCG NAVIGATION RULES</b> COMDTM166722D	1999	44/99*,52/00		
<b>NOS TIDE TABLES</b> NOSPBTTCWPACIN3 NOSPBTTECSTNSA3 NOSPBTTEURAFR3 NOSPBTWCSTNSA3	2003	N4/03*		
<b>TIDAL CURRENT TABLES</b> NOSPBTCTATCSTN3 NOSPBTCTPACAS3	2003	N4/03*		

**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 May 2003:

2001 series	346(GEN)	108(26,27)	189(11)	204(GEN)
393(GEN)	351(11)	151(24)	192(11)	205(GEN)
2002 series	468(GEN)	167(24)	200(GEN)	206(51)
219(GEN)	2003 series	175(11)	202(GEN)	

The summary of all NAVAREA IV messages in force as of 12 December 2002 is given in Section III of NM 52/02. Warnings issued during the subsequent quarter are issued in NM 13/03.

**NAVAREA IV WARNINGS issued from 211100Z to 291100Z May 2003.**

199/03. CANCELED.

200/03(GEN). MARAD ADVISORY 05-03.

1. THE U.S. DEPARTMENT OF HOMELAND SECURITY RAISED THE HOMELAND SECURITY ADVISORY SYSTEM (HSAS) FROM ELEVATED (YELLOW) TO THREAT CONDITION HIGH (ORANGE) ON 20 MAY. THIS CONDITION SIGNIFIES A HIGH RISK OF TERRORIST ATTACK.
2. THE U.S. INTELLIGENCE COMMUNITY BELIEVES THAT AL-QAIDA HAS ENTERED AN OPERATIONAL PERIOD WORLDWIDE, AND THIS MAY INCLUDE ATTACKS IN THE UNITED STATES. IN THE WAKE OF TERRORIST BOMBINGS IN SAUDI ARABIA AND MOROCCO, AL-QAIDA AND THOSE SYMPATHETIC TO THEIR CAUSE, ARE STILL A PRINCIPAL THREAT, BUT THREATS MAY ALSO EMANATE FROM OTHER ANTI-U.S. TERRORIST GROUPS, REGIONAL EXTREMIST ORGANIZATIONS, AND AD HOC GROUPS OR DISGRUNTLED INDIVIDUALS NOT CONNECTED TO EXISTING TERRORIST ORGANIZATIONS OR STATE SPONSORS OF TERRORISM.
3. WHILE THERE IS NOT CREDIBLE, SPECIFIC INFORMATION WITH RESPECT TO TARGETS OR METHOD OF ATTACK, THE USE OF TACTICS SIMILAR TO THOSE SEEN IN RECENT TERRORIST ATTACKS OVERSEAS INCLUDE SMALL ARMS EQUIPPED ASSAULT TEAMS, LARGE VEHICLE BORNE EXPLOSIVE DEVICES, AND SUICIDE BOMBERS. THESE ATTACKS underscore TERRORISTS DESIRES TO ATTACK SOFT TARGETS. WEAPONS OF MASS DESTRUCTION, INCLUDING THOSE CONTAINING CHEMICAL, BIOLOGICAL OR RADIOLOGICAL AGENTS OR MATERIALS, CANNOT BE DISCOUNTED.
4. MARITIME INDUSTRY OPERATORS ARE URGED TO IMPLEMENT APPROPRIATE PROTECTIVE MEASURES THAT CORRESPOND TO THREAT CONDITION ORANGE UNDER THE HSAS. OFFICIALS AT TRANSPORTATION FACILITIES SHOULD MAINTAIN HIGH LEVELS OF SECURITY AND REPORT SUSPICIOUS ACTIVITIES OR PERSONS TO THEIR LOCAL FBI OFFICE.
5. THE TRANSPORTATION INDUSTRY CAN REPORT INFORMATION CONCERNING SUSPICIOUS ACTIVITY TO THEIR LOCAL FBI OFFICE THROUGH THE FBI WEBSITE WWW.FBI.GOV/CONTRACT/FO/FO.HTM OR TO THE NATIONAL INFRASTRUCTURE PROTECTION CENTER (NIPC) AT ITS WEBSITE WWW.NIPC.GOV/INCIDENT/CIRR.HTM
6. U.S. MERCHANT VESSELS AND CRUISE SHIPS SHOULD BE ON A HEIGHTENED STATE OF SECURITY, SHOULD CLOSELY MONITOR THE NATIONAL IMAGERY AND MAPPING AGENCY'S (NIMA) BROADCAST WARNINGS AND SHOULD REVIEW THE EMERGENCY COMMUNICATION PROCEDURES FOR ASSISTANCE IN NIMA PUBLICATION 117.
7. ALL U.S.-FLAG OPERATORS ARE REQUESTED TO FORWARD THIS ADVISORY TO THEIR SHIPS BY THE MOST EXPEDIENT MEANS. THIS ADVISORY WILL SUBSEQUENTLY BE PUBLISHED IN THE "WEEKLY NOTICE TO MARINERS" AND MARAD INTERNET WEB SITE: WWW.MARAD.DOT.GOV
8. FOR FURTHER INFORMATION REGARDING THIS ADVISORY CONTACT THE MARITIME ADMINISTRATION, OFFICE OF SHIP OPERATIONS, CODE MAR-613, ROOM 2123, 400 7TH STREET SW, WASHINGTON, DC 20590; PHONE: 202-366-5735, OR BY EMAIL TO OPCENTR1@MARAD.DOT.GOV
9. THE HOMELAND SECURITY ADVISORY SYSTEM HAS BEEN ELEVATED TO THREAT CONDITION ORANGE.
10. CANCEL THIS MSG 02 JUL.

(211900Z MAY 2003)

201/03. CANCELED.

### SECTION III

202/03(GEN).

1. NAVAREA IV MESSAGES IN FORCE 241000Z MAY 2003. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN. 2003 SERIES: 167(24), 175(11), 189(11), 192(11), 195(25,51), 198(12,13), 200(GEN), 201(11,26).
2. THE SUMMARY OF ALL NAVAREA IV MESSAGES IN FORCE AS OF 12 DEC 2002 IS GIVEN IN SEC III OF NM 52/02. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/03.
3. CANCEL NAVAREA IV 193/03.

(241010Z MAY 2003)

203/03. CANCELED.

204/03(GEN). GPS SATELLITE SYSTEM.  
PRN 27 UNUSABLE.

(261830Z MAY 2003)

205/03(GEN). GPS SATELLITE SYSTEM.

1. PRN 03 UNUSABLE 300430Z TO 301630Z MAY.
2. CANCEL THIS MSG 301730Z MAY.

(271340Z MAY 2003)

206/03(51). NORTH ATLANTIC.

1. DERELICT 23 FOOT F/V, WHITE HULL, PARTIALLY SUBMERGED AND ADRIFT VICINITY 36-00.0N 050-07.7W.
2. CANCEL THIS MSG 03 JUN.

(271500Z MAY 2003)

## SECTION III

### HYDROLANTS

Messages in force 291100Z May 2003:

2000 series	2203(51)	390(22)	865(53)	978(52)	1022(35)
2937(38)	2354(53)	433(GEN)	867(37)	991(54)	1024(54)
3762(43)	2673(GEN)	490(51)	874(36)	994(35)	1026(53)
4265(44)	2682(51)	544(55)	875(55)	996(GEN)	1027(56)
2001 series	2848(37)	563(37)	903(36)	1002(24)	1028(56)
611(44)	2869(52)	604(26,27)	917(55)	1004(51)	1029(55)
1798(37)	2882(54)	635(51)	925(53)	1007(51)	1030(GEN)
2659(GEN)	2883(54)	675(37)	927(GEN)	1008(51)	1031(24)
2700(37)	2003 series	713(52)	929(43)	1009(53,56)	1032(24)
3161(44)	41(37)	722(55)	938(51)	1010(51)	1033(24)
2002 series	65(53)	738(35)	941(54)	1011(51)	1035(GEN)
245(GEN)	67(37)	749(55)	948(57)	1013(23,29)	1036(53)
246(GEN)	76(54)	754(37)	952(54)	1015(GEN)	1038(24)
383(53)	271(GEN)	771(51,52)	965(53)	1016(53,54)	1039(54)
946(53)	309(24)	854(52,53)	966(52,53)	1017(56)	1043(24)
1485(24)	317(37)	857(53)	967(52,53)	1018(52)	
2027(GEN)	339(GEN)	863(51)	976(51,52)	1021(52)	

The summary of all HYDROLANTS in force as of 12 December 2002 is given in Section III of NM 52/02.  
Warnings issued during the subsequent quarter are issued in NM 13/03.

#### **HYDROLANT WARNINGS issued from 211100Z to 291100Z May 2003.**

991/03(54). AEGEAN SEA.

CABLE OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE  
BY CABLESHIP RAYMOND CROZE IN AREA BETWEEN  
39-33.5N 39-30.0N AND 025-40.0E 025-45.0E.

(211230Z MAY 2003)

992/03 and 993/03. CANCELED.

994/03(35). NORTH SEA.

PIPELAYING OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE  
BY M/V CASTORO SEI VICINITY OF TRACKLINE JOINING  
57-35.3N 001-46.3W, 57-34.7N 001-32.7W,  
57-56.9N 000-41.9W, 58-00.2N 000-22.9W.  
WIDE BERTH REQUESTED.

(211435Z MAY 2003)

995/03. CANCELED.

996/03(GEN). MARAD ADVISORY 05-03.

1. THE U.S. DEPARTMENT OF HOMELAND SECURITY RAISED THE HOMELAND SECURITY ADVISORY SYSTEM (HSAS) FROM ELEVATED (YELLOW) TO THREAT CONDITION HIGH (ORANGE) ON 20 MAY. THIS CONDITION SIGNIFIES A HIGH RISK OF TERRORIST ATTACK.
2. THE U.S. INTELLIGENCE COMMUNITY BELIEVES THAT AL-QAIDA HAS ENTERED AN OPERATIONAL PERIOD WORLDWIDE, AND THIS MAY INCLUDE ATTACKS IN THE UNITED STATES. IN THE WAKE OF TERRORIST BOMBINGS IN SAUDI ARABIA AND MOROCCO, AL-QAIDA AND THOSE SYMPATHETIC TO THEIR CAUSE, ARE STILL A PRINCIPAL THREAT, BUT THREATS MAY ALSO EMANATE FROM OTHER ANTI-U.S. TERRORIST GROUPS, REGIONAL EXTREMIST ORGANIZATIONS, AND AD HOC GROUPS OR DISGRUNTLED INDIVIDUALS NOT CONNECTED TO EXISTING TERRORIST ORGANIZATIONS OR STATE SPONSORS OF TERRORISM.
3. WHILE THERE IS NOT CREDIBLE, SPECIFIC INFORMATION WITH RESPECT TO TARGETS OR METHOD OF ATTACK, THE USE OF TACTICS SIMILAR TO THOSE SEEN IN RECENT TERRORIST ATTACKS OVERSEAS INCLUDE SMALL ARMS EQUIPPED ASSAULT TEAMS, LARGE VEHICLE BORNE EXPLOSIVE DEVICES, AND SUICIDE BOMBERS. THESE ATTACKS underscore TERRORISTS DESIRES TO ATTACK SOFT TARGETS. WEAPONS OF MASS DESTRUCTION, INCLUDING THOSE CONTAINING CHEMICAL, BIOLOGICAL OR RADIOLOGICAL AGENTS OR MATERIALS, CANNOT BE DISCOUNTED.
4. MARITIME INDUSTRY OPERATORS ARE URGED TO IMPLEMENT APPROPRIATE PROTECTIVE MEASURES THAT CORRESPOND TO THREAT CONDITION ORANGE UNDER THE HSAS. OFFICIALS AT TRANSPORTATION FACILITIES SHOULD MAINTAIN HIGH LEVELS OF SECURITY AND REPORT SUSPICIOUS ACTIVITIES OR PERSONS TO THEIR LOCAL FBI OFFICE.
5. THE TRANSPORTATION INDUSTRY CAN REPORT INFORMATION

## SECTION III

- CONCERNING SUSPICIOUS ACTIVITY TO THEIR LOCAL FBI OFFICE THROUGH THE FBI WEBSITE WWW.FBI.GOV/CONTRACT/FO/FO.HTM OR TO THE NATIONAL INFRASTRUCTURE PROTECTION CENTER (NIPC) AT ITS WEBSITE WWW.NIPC.GOV/INCIDENT/CIRR.HTM
6. U.S. MERCHANT VESSELS AND CRUISE SHIPS SHOULD BE ON A HEIGHTENED STATE OF SECURITY, SHOULD CLOSELY MONITOR THE NATIONAL IMAGERY AND MAPPING AGENCY'S (NIMA) BROADCAST WARNINGS AND SHOULD REVIEW THE EMERGENCY COMMUNICATION PROCEDURES FOR ASSISTANCE IN NIMA PUBLICATION 117.
  7. ALL U.S.-FLAG OPERATORS ARE REQUESTED TO FORWARD THIS ADVISORY TO THEIR SHIPS BY THE MOST EXPEDIENT MEANS. THIS ADVISORY WILL SUBSEQUENTLY BE PUBLISHED IN THE "WEEKLY NOTICE TO MARINERS" AND MARAD INTERNET WEB SITE: WWW.MARAD.DOT.GOV
  8. FOR FURTHER INFORMATION REGARDING THIS ADVISORY CONTACT THE MARITIME ADMINISTRATION, OFFICE OF SHIP OPERATIONS, CODE MAR-613, ROOM 2123, 400 7TH STREET SW, WASHINGTON, DC 20590; PHONE: 202-366-5735, OR BY EMAIL TO OPCENTR1@MARAD.DOT.GOV
  9. THE HOMELAND SECURITY ADVISORY SYSTEM HAS BEEN ELEVATED TO THREAT CONDITION ORANGE.
  10. CANCEL THIS MSG 02 JUL.

(211904Z MAY 2003)

997/03 thru 1001/03. CANCELED.

1002/03(24). BRAZIL-EAST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 271000Z TO 291000Z MAY WITHIN 55 MILES OF 17-58.0S 038-41.5W.
2. CANCEL HYDROLANT 983/03 AND 985/03.
3. CANCEL THIS MSG 291100Z MAY.

(220740Z MAY 2003)

1003/03. CANCELED.

1004/03(51). NORTH ATLANTIC. AZORES.

1. CABLE OPERATIONS 241930Z THRU 312359Z MAY BY CABLESHIP LEON THEVENIN WITHIN TWO MILES OF 39-02.9N 027-57.6W. WIDE BERTH REQUESTED.
2. CANCEL HYDROLANT 633/03(37), STATION RESTORED.
3. CANCEL HYDROLANT 1001/03(35), MINE REMOVED.
4. CANCEL THIS MSG 010059Z JUN.

(221610Z MAY 2003)

1005/03 and 1006/03. CANCELED.

1007/03(51). NORTH ATLANTIC.

1. UNDERWATER OPERATIONS 25 MAY THRU 08 JUN BY M/V NADIR WITH SUBMERSIBLE IN 42-15N 012-08W. THREE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 09 JUN.

(230046Z MAY 2003)

1008/03(51). NORTH ATLANTIC.

1. OCEANOGRAPHIC OPERATIONS 24 MAY THRU 08 JUN BY M/V HESPERIDES ALONG TRACKLINE JOINING 26-00N 016-54W, 26-00N 026-00W, 21-00N 026-00W, 21-00N 017-14W. TWO MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 919/03(37), OPERATIONS SUSPENDED.
3. CANCEL HYDROLANT 997/03(52).
4. CANCEL THIS MSG 09 JUN.

(231010Z MAY 2003)

1009/03(53,56). SICILIA TO LIBYA.

1. PIPELINE OPERATIONS IN PROGRESS UNTIL 30 JUN BY M/V ODIN FINDER VICINITY OF TRACKLINE BETWEEN 37-02.3N 014-17.6E AND 32-51.5N 012-14.8E. WIDE BERTH REQUESTED.
2. CANCEL HYDROLANT 1003/03.
3. CANCEL THIS MSG 01 JUL.

(231050Z MAY 2003)

1010/03(51). MOROCCO. GUNNERY.

1. GUNNERY EXERCISES 26 MAY THRU 24 JUN IN AREA BOUND BY 28-46.3N 010-48.3W, 29-18.0N 011-06.0W, 29-08.0N 011-28.0W, 28-42.5N 010-56.4W.
2. CANCEL THIS MSG 25 JUN.

(231120Z MAY 2003)

### SECTION III

NM 24/03

1011/03(51). NORTH ATLANTIC.

1. OCEANOGRAPHIC OPERATIONS 25 MAY THRU 08 JUN  
BY M/V METEOR WITH SUBMERSIBLE IN AREAS:
  - A. BOUND BY 25-00N 020-00W, 24-00N 017-00W,  
23-00N 017-00W, 24-00N 020-00W.
  - B. BETWEEN 22-00N 19-50N AND 017-00W 022-00W.  
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 09 JUN.

(231645Z MAY 2003)

1012/03. CANCELED.

1013/03(23,29). SOUTH ATLANTIC. ICE.

1. ICEBERGS REPORTED ON 23 MAY IN:
  - A. A-38A, 22 MILES BY 48 MILES IN 59-18S 049-06W.
  - B. A-38B, 22 MILES BY 25 MILES IN 59-18S 050-12W.
  - C. A-38C, SEVEN MILES BY 11 MILES IN 60-12S 047-36W.
  - D. A-38D, TWO MILES BY TEN MILES IN 61-06S 049-12W.
  - E. A-43B, 13 MILES BY 40 MILES IN 54-12S 039-00W.
  - F. A-43C, 24 MILES BY 41 MILES IN 58-00S 036-18W.
  - G. A-43G, EIGHT MILES BY 49 MILES IN 49-12S 028-06W.
  - H. A-43I, TWO MILES BY 12 MILES IN 59-12S 035-48W.
  - I. A-46, FOUR MILES BY 11 MILES IN 53-48S 043-54W.
  - J. A-47, NINE MILES BY 14 MILES IN 52-18S 047-36W.
  - K. A-48, NINE MILES BY TEN MILES IN 60-24S 049-12W.
  - L. A-50, ONE MILE BY TEN MILES IN 59-30S 050-06W.
  - M. B-09A, 15 MILES BY 22 MILES IN 53-24S 027-06W.
2. CANCEL THIS MSG 31 MAY.

(240610Z MAY 2003)

1014/03. CANCELED.

1015/03(GEN).

1. HYDROLANT MESSAGES IN FORCE 241100Z MAY 2003. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.  
2003 SERIES: 771(51,52), 838(37), 854(52,53), 857(53), 863(51),  
865(53), 867(37), 874(36), 875(55), 903(36), 911(55), 917(55),  
925(53), 927(GEN), 929(43), 938(51), 941(54), 948(57), 952(54),  
964(37), 965(53), 966(52,53), 967(52,53), 976(51,52), 978(52),  
988(24), 991(54), 993(55), 994(35), 996(GEN), 999(24), 1000(24),  
1002(24), 1004(51), 1006(52), 1007(51), 1008(51), 1009(53,56),  
1010(51), 1011(51), 1012(24), 1013(23,29), 1014(53,54).
2. THE SUMMARY OF ALL HYDROLANT MESSAGES IN FORCE AS OF 12 DEC 2002 IS GIVEN IN SEC III OF NM 52/02. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/03.
3. CANCEL HYDROLANT 1569/00, 741/03, 963/03.

(241110Z MAY 2003)

1016/03(53,54). IONIAN SEA. GUNNERY.

1. GUNNERY EXERCISES 291000Z TO 291600Z MAY  
IN AREA BETWEEN 38-01N 38-25N AND  
018-44E 019-12E.
2. CANCEL THIS MSG 291700Z MAY.

(241150Z MAY 2003)

1017/03(56). EASTERN MEDITERRANEAN SEA.

CABLE LAYING OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE ALONG TRACKLINE BETWEEN 32-53.0N 013-09.4E AND 33-14.2N 013-14.8E. WIDE BERTH REQUESTED.

(241253Z MAY 2003)

1018/03(52). TYRRHENIAN SEA.

1. DERELICT M/V BEHSAT SENKAYA ADRIFT VICINITY 38-02N 010-32E.
2. CANCEL THIS MSG 31 MAY.

(241816Z MAY 2003)

1019/03 and 1020/03. CANCELED.

1021/03(52). ALBORAN SEA.

CABLE OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE BY CABLESHIP TENO VICTINITY OF TRACKLINE BETWEEN 37-08.5N 002-48.5E AND 37-09.3N 002-49.0E.

(251145Z MAY 2003)

1022/03(35). IRELAND-SOUTHEAST COAST.

CHART 35036 (21ST ED.).  
CONINGBEG LIGHTFLOAT 52-02.4N 006-39.5W TEMPORARILY REPLACED BY SOUTH CARDINAL BUOY, Q (6) W, LFL W 15 SEC, RACON (M).

(251515Z MAY 2003)

## SECTION III

1023/03. CANCELED.

1024/03(54). ADRIATIC SEA. GUNNERY.

1. GUNNERY EXERCISES 300600Z TO 300800Z MAY  
IN AREA BOUND BY  
43-34.5N 015-55.2E, 43-28.0N 015-57.0E,  
43-27.3N 015-37.3E, 43-36.0N 015-33.3E,  
43-38.0N 015-51.0E, 43-34.5N 015-55.2E.
2. CANCEL THIS MSG 300900Z MAY.

(260820Z MAY 2003)

1025/03. CANCELED.

1026/03(53). TYRRHENIAN SEA. GUNNERY.

1. GUNNERY EXERCISES 0700Z TO 1400Z DAILY 27 THRU 29 MAY  
IN AREA BETWEEN 41-05N 41-15N AND 009-55E 010-25E.
2. CANCEL HYDROLANT 1025/03(36).
3. CANCEL THIS MSG 291500Z MAY.

(261040Z MAY 2003)

1027/03(56). EASTERN MEDITERRANEAN SEA.

1. SEISMIC SURVEY IN PROGRESS UNTIL 30 JUN  
BY M/V RAMFORM CHALLENGER TOWING 6000 METER  
LONG CABLE IN AREA BOUND BY  
31-34.3N 029-00.6E, 31-34.5N 029-15.2E,  
31-44.5N 029-15.0E, 31-44.9N 029-42.7E,  
32-00.1N 029-42.5E, 32-12.7N 029-30.4E,  
32-13.6N 029-23.8E, 31-51.6N 029-00.3E.  
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 01 JUL.

(261255Z MAY 2003)

1028/03(56). EASTERN MEDITERRANEAN SEA. EGYPT.

- PIPELAYING OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE:
- A. ALONG TRACKLINE BETWEEN  
31-30.0N 030-17.5E AND 31-43.3N 030-25.5E.
  - B. IN AREA BETWEEN  
32-00N 32-20N AND 030-30E 030-55E.

(261332Z MAY 2003)

1029/03(55). BLACK SEA. GUNNERY.

1. GUNNERY EXERCISES 0530Z TO 1100Z DAILY  
30 AND 31 MAY IN AREA BOUND BY  
44-43.8N 032-52.2E, 44-34.8N 032-37.4E,  
44-39.0N 032-11.5E, 44-48.4N 032-08.2E,  
45-00.2N 032-14.2E, 44-52.2N 032-41.6E.
2. CANCEL THIS MSG 311200Z MAY.

(261355Z MAY 2003)

1030/03(GEN). GPS SATELLITE SYSTEM.

PRN 27 UNUSABLE.

(261831Z MAY 2003)

1031/03(24). BRAZIL-NORTH COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 300259Z MAY  
BY M/V CGG ALIZE TOWING EIGHT 7408 METER  
LONG CABLES IN AREA BOUND BY  
01-28S 042-41W, 01-35S 042-25W,  
02-07S 042-40W, 02-01S 042-56W.  
SIX MILE BERTH REQUESTED.
2. CANCEL THIS MSG 300359Z MAY.

(270640Z MAY 2003)

1032/03(24). BRAZIL-NORTH COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 300259Z MAY  
BY M/V CGG HARMATTAN TOWING SIX 6000 METER  
LONG CABLES IN AREA BOUND BY  
00-32.0S 043-33.0W, 00-44.0S 043-44.0W,  
01-01.5S 043-24.0W, 00-48.5S 043-12.0W.  
SIX MILE BERTH REQUESTED.
2. CANCEL THIS MSG 300359Z MAY.

(270650Z MAY 2003)

### SECTION III

NM 24/03

1033/03(24). BRAZIL-NORTH COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 310400Z MAY  
BY M/V TROPICALIENTE TOWING FIVE 6000 METER  
LONG CABLES IN AREA BOUND BY  
02-55.6S 038-59.1W, 02-58.4S 038-55.8W,  
03-01.0S 038-58.0W, 02-58.2S 039-01.3W.  
SIX MILE BERTH REQUESTED.
2. CANCEL THIS MSG 310500Z MAY.

(270655Z MAY 2003)

1034/03. CANCELED.

1035/03(GEN). GPS SATELLITE SYSTEM.

1. PRN 03 UNUSABLE 300430Z TO 301630Z MAY.
2. CANCEL THIS MSG 301730Z MAY.

(271345Z MAY 2003)

1036/03(53). SARDEGNA-WEST COAST.

1. BUOY ADRIFT VICINITY 40-26.1N 008-04.7E.
2. CANCEL HYDROLANT 1014/03(53,54),  
OPERATIONS COMPLETED.
3. CANCEL THIS MSG 03 JUN.

(271810Z MAY 2003)

1037/03. CANCELED.

1038/03(24). SOUTH ATLANTIC, URUGUAY.

1. HYDROGRAPHIC SURVEY IN PROGRESS UNTIL 310259Z MAY  
BY M/V ROU 22 OYARVIDE IN AREA BETWEEN  
35-05.0S 35-09.3S AND 055-35.0W 055-30.0W.  
1.5 MILE BERTH REQUESTED.
2. CANCEL THIS MSG 310359Z MAY.

(280420Z MAY 2003)

1039/03(54). ADRIATIC SEA.

1. SURVEY OPERATIONS IN PROGRESS UNTIL 12 JUN  
BY M/V URANIA IN AREA BETWEEN  
45-12N 45-15N AND 012-32E 013-17E.  
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 13 JUN.

(280510Z MAY 2003)

1040/03 thru 1042/03. CANCELED.

1043/03(24). BRAZIL-EAST COAST.

1. SURVEY OPERATIONS IN PROGRESS UNTIL 020300Z JUN  
BY M/V SONNE IN AREA BETWEEN  
05-23.8S 05-16.6N AND 035-27.2W 035-19.8W.  
WIDE BERTH REQUESTED.
2. CANCEL HYDROLANT 1041/03.
3. CANCEL THIS MSG 020400Z JUN.

(290640Z MAY 2003)

**SECTION III****NAVAREA XII**

Messages in force 291100Z May 2003:

2001 series	178(GEN)	2003 series	132(GEN)	137(19)
298(GEN)	260(GEN)	129(GEN)	134(GEN)	138(GEN)
2002 series	339(GEN)	131(19)	136(GEN)	139(18)

The summary of all NAVAREA XII messages in force as of 12 December 2002 is given in Section III of NM 52/02. Warnings issued during the subsequent quarter are issued in NM 13/03.

**NAVAREA XII WARNINGS issued from 211100Z to 291100Z May 2003.**

129/03(GEN). MARAD ADVISORY 05-03.

1. THE U.S. DEPARTMENT OF HOMELAND SECURITY RAISED THE HOMELAND SECURITY ADVISORY SYSTEM (HSAS) FROM ELEVATED (YELLOW) TO THREAT CONDITION HIGH (ORANGE) ON 20 MAY. THIS CONDITION SIGNIFIES A HIGH RISK OF TERRORIST ATTACK.
2. THE U.S. INTELLIGENCE COMMUNITY BELIEVES THAT AL-QAIDA HAS ENTERED AN OPERATIONAL PERIOD WORLDWIDE, AND THIS MAY INCLUDE ATTACKS IN THE UNITED STATES. IN THE WAKE OF TERRORIST BOMBINGS IN SAUDI ARABIA AND MOROCCO, AL-QAIDA AND THOSE SYMPATHETIC TO THEIR CAUSE, ARE STILL A PRINCIPAL THREAT, BUT THREATS MAY ALSO EMANATE FROM OTHER ANTI-U.S. TERRORIST GROUPS, REGIONAL EXTREMIST ORGANIZATIONS, AND AD HOC GROUPS OR DISGRUNTLED INDIVIDUALS NOT CONNECTED TO EXISTING TERRORIST ORGANIZATIONS OR STATE SPONSORS OF TERRORISM.
3. WHILE THERE IS NOT CREDIBLE, SPECIFIC INFORMATION WITH RESPECT TO TARGETS OR METHOD OF ATTACK, THE USE OF TACTICS SIMILAR TO THOSE SEEN IN RECENT TERRORIST ATTACKS OVERSEAS INCLUDE SMALL ARMS EQUIPPED ASSAULT TEAMS, LARGE VEHICLE BORNE EXPLOSIVE DEVICES, AND SUICIDE BOMBERS. THESE ATTACKS underscore TERRORISTS DESIRES TO ATTACK SOFT TARGETS. WEAPONS OF MASS DESTRUCTION, INCLUDING THOSE CONTAINING CHEMICAL, BIOLOGICAL OR RADILOGICAL AGENTS OR MATERIALS, CANNOT BE DISCOUNTED.
4. MARITIME INDUSTRY OPERATORS ARE URGED TO IMPLEMENT APPROPRIATE PROTECTIVE MEASURES THAT CORRESPOND TO THREAT CONDITION ORANGE UNDER THE HSAS. OFFICIALS AT TRANSPORTATION FACILITIES SHOULD MAINTAIN HIGH LEVELS OF SECURITY AND REPORT SUSPICIOUS ACTIVITIES OR PERSONS TO THEIR LOCAL FBI OFFICE.
5. THE TRANSPORTATION INDUSTRY CAN REPORT INFORMATION CONCERNING SUSPICIOUS ACTIVITY TO THEIR LOCAL FBI OFFICE THROUGH THE FBI WEBSITE WWW.FBI.GOV/CONTRACT/FO/FO.HTM OR TO THE NATIONAL INFRASTRUCTURE PROTECTION CENTER (NIPC) AT ITS WEBSITE WWW.NIPC.GOV/INCIDENT/CIRR.HTM
6. U.S. MERCHANT VESSELS AND CRUISE SHIPS SHOULD BE ON A HEIGHTENED STATE OF SECURITY, SHOULD CLOSELY MONITOR THE NATIONAL IMAGERY AND MAPPING AGENCY'S (NIMA) BROADCAST WARNINGS AND SHOULD REVIEW THE EMERGENCY COMMUNICATION PROCEDURES FOR ASSISTANCE IN NIMA PUBLICATION 117.
7. ALL U.S.-FLAG OPERATORS ARE REQUESTED TO FORWARD THIS ADVISORY TO THEIR SHIPS BY THE MOST EXPEDIENT MEANS. THIS ADVISORY WILL SUBSEQUENTLY BE PUBLISHED IN THE "WEEKLY NOTICE TO MARINERS" AND MARAD INTERNET WEB SITE: WWW.MARAD.DOT.GOV
8. FOR FURTHER INFORMATION REGARDING THIS ADVISORY CONTACT THE MARITIME ADMINISTRATION, OFFICE OF SHIP OPERATIONS, CODE MAR-613, ROOM 2123, 400 7TH STREET SW, WASHINGTON, DC 20590; PHONE: 202-366-5735, OR BY EMAIL TO OPCENTR1@MARAD.DOT.GOV
9. THE HOMELAND SECURITY ADVISORY SYSTEM HAS BEEN ELEVATED TO THREAT CONDITION ORANGE.
10. CANCEL THIS MSG 02 JUL.

(211916Z MAY 2003)

130/03. CANCELED.

131/03(19). NORTH PACIFIC. ORDNANCE.

1. UNDERWATER ORDNANCE DETONATIONS:
  - A. 282300Z TO 290100Z MAY ALONG TRACKLINE BETWEEN 23-54-06N 151-59-28W AND 24-07-28N 151-26-25W.
  - B. 291900Z TO 292100Z MAY ALONG TRACKLINE BETWEEN 26-04-04N 146-24-56W AND 26-15-38N 145-52-51W.
2. CANCEL THIS MSG 292200Z MAY.

(230950Z MAY 2003)

## SECTION III

132/03(GEN).

1. NAVAREA XII MESSAGES IN FORCE 241000Z MAY 2003. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN. 2003 SERIES: 111(19), 129(GEN), 130(18), 131(19).
2. THE SUMMARY OF ALL NAVAREA XII MESSAGES IN FORCE AS OF 12 DEC 2002 IS GIVEN IN SEC III OF NM 52/02. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/03.
3. CANCEL NAVAREA XII 127/03.

(241020Z MAY 2003)

133/03. CANCELED.

134/03(GEN). GPS SATELLITE SYSTEM.  
PRN 27 UNUSABLE.

(261832Z MAY 2003)

135/03. CANCELED.

136/03(GEN). NORTH PACIFIC. RUSSIA.

1. LORAN-C STATION PETROPAVLOVSK, RATE 5980-MASTER, OFF AIR.
2. CANCEL NAVAREA XII 135/03.

(270720Z MAY 2003)

137/03(19). NORTH PACIFIC. HAWAII. MISSILES.

1. INTERMITTENT MISSILE FIRING OPERATIONS 0001Z TO 2400Z DAILY MONDAY THRU SUNDAY IN THE PACIFIC MISSILE RANGE FACILITY, HAWAIIAN AREA, BARKING SANDS, KAUAI. THE MAJORITY OF MISSILE FIRINGS TAKE PLACE 1600Z TO 0400Z DAILY MONDAY THRU FRIDAY. THE PACIFIC MISSILE RANGE FACILITY HAWAIIAN AREA (W188) IS BOUND BY:
  - A. 22-00.0N 159-51.0W.
  - B. 22-00.0N 160-00.0W THENCE CCW THREE MILES FROM
  - C. 22-02.7N 160-09.1W. NIIHAU/LEHUA.
  - D. 22-03.0N 160-21.0W.
  - E. 22-05.0N 161-35.0W THENCE CW 100 MILES FROM
  - F. 22-02.4N 159-47.3W. BARKING SANDS TACAN.
  - G. 22-45.0N 161-25.0W.
  - H. 22-56.0N 161-49.0W THENCE CW 125 MILES FROM
  - I. 22-02.4N 159-47.3W. BARKING SANDS TACAN.
  - J. 23-57.0N 160-41.0W.
  - K. 25-41.0N 161-36.0W THENCE CW 240 MILES FROM
  - L. 22-02.4N 159-47.3W. BARKING SANDS TACAN.
  - M. 25-47.0N 158-15.0W.
  - N. 23-54.0N 158-15.0W.
  - O. 22-20.0N 159-09.0W THENCE CCW 25 MILES FROM
  - P. 21-58.1N 159-20.5W. LIHUE VORTAC.
  - Q. 22-13.0N 159-42.0W THENCE CCW THREE MILES AND PARALLEL TO THE SHORELINE OF KAUAI.
  - R. 22-00.0N 159-51.0W.
2. VESSELS MAY BE REQUESTED TO ALTER COURSE WITHIN THE ABOVE AREA DUE TO FIRING OPERATIONS AND ARE REQUESTED TO CONTACT "MISSILE RANGE BARKING SANDS" ON 2182 KHZ, 4491 USB OR 156.8 MHZ (CHANNEL 16) BEFORE ENTERING THE ABOVE BOUNDARIES. IF UNABLE TO CONTACT THE PACIFIC MISSILE RANGE FACILITY PRIOR TO ENTERING OR WHILE IN THE WARNING AREA, RELAY MESSAGES THROUGH U.S. COAST GUARD HONOLULU.
3. VESSELS INBOUND AND OUTBOUND FOR HAWAIIAN PORTS WILL CREATE THE LEAST INTERFERENCE TO FIRING OPERATIONS AS WELL AS ENHANCE THE VESSEL'S SAFETY BY PASSING SOUTH OF THE ISLANDS OF KAUAI AND NIIHAU DURING SPECIFIED TIMES.
4. CANCEL NAVAREA XII 111/03.

(270950Z MAY 2003)

138/03(GEN). GPS SATELLITE SYSTEM.

1. PRN 03 UNUSABLE 300430Z TO 301630Z MAY.
2. CANCEL THIS MSG 301730Z MAY.

(271350Z MAY 2003)

139/03(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.

### **SECTION III**

**NM 24/03**

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 130/03.

(291010Z MAY 2003)

## SECTION III

### HYDROPACS

Messages in force 291100Z May 2003:

2000 series	2330(62)	638(62)	744(29)	858(63)	902(71)
597(73)	2339(63)	647(74)	752(62)	859(71)	903(63)
2001 series	2402(22)	649(71,93)	760(63)	860(81)	905(63)
1647(GEN)	2003 series	663(61)	761(63)	865(81)	906(GEN)
1976(62)	100(29)	667(62)	765(63)	871(GEN)	908(81)
2002 series	167(95)	673(81)	767(81)	874(81,97)	909(94,97)
146(62)	197(71)	690(91,93)	771(61)	875(97)	910(74,75)
196(61)	207(62)	695(73)	773(81)	876(63)	911(95)
205(GEN)	215(GEN)	696(76)	776(61)	878(93)	912(95)
206(GEN)	380(71)	705(63)	777(62)	879(63)	913(94,95)
207(93)	445(96)	710(63)	787(73)	880(63)	914(63)
352(73)	495(62)	716(71)	801(72)	883(23,29)	917(76)
403(72,73)	496(62)	728(95)	803(71)	884(75)	918(61)
637(75)	506(62)	729(94,95)	816(94,97)	885(GEN)	919(73,74)
828(62)	514(73)	730(95)	819(62)	886(96,97)	920(93)
1661(GEN)	515(73)	731(94,95)	829(97)	891(91)	921(95)
1765(71)	525(73,74)	732(71)	832(22)	892(96)	922(94,95)
1843(22)	556(62)	734(62)	833(22)	895(62)	
2111(62)	569(62)	735(62)	837(63)	896(62)	
2191(22)	570(62)	739(95)	849(81)	898(81,97)	
2199(63)	592(62)	740(61)	852(74)	900(GEN)	
2277(GEN)	593(62)	743(62)	856(62)	901(GEN)	

The summary of all HYDROPACS in force as of 12 December 2002 is given in Section III of NM 52/02. Warnings issued during the subsequent quarter are issued in NM 13/03.

### HYDROPAC WARNINGS issued from 211100Z to 291100Z May 2003.

871/03(GEN). MARAD ADVISORY 05-03.

1. THE U.S. DEPARTMENT OF HOMELAND SECURITY RAISED THE HOMELAND SECURITY ADVISORY SYSTEM (HSAS) FROM ELEVATED (YELLOW) TO THREAT CONDITION HIGH (ORANGE) ON 20 MAY. THIS CONDITION SIGNIFIES A HIGH RISK OF TERRORIST ATTACK.
2. THE U.S. INTELLIGENCE COMMUNITY BELIEVES THAT AL-QAIDA HAS ENTERED AN OPERATIONAL PERIOD WORLDWIDE, AND THIS MAY INCLUDE ATTACKS IN THE UNITED STATES. IN THE WAKE OF TERRORIST BOMBINGS IN SAUDI ARABIA AND MOROCCO, AL-QAIDA AND THOSE SYMPATHETIC TO THEIR CAUSE, ARE STILL A PRINCIPAL THREAT, BUT THREATS MAY ALSO EMANATE FROM OTHER ANTI-U.S. TERRORIST GROUPS, REGIONAL EXTREMIST ORGANIZATIONS, AND AD HOC GROUPS OR DISGRUNTLED INDIVIDUALS NOT CONNECTED TO EXISTING TERRORIST ORGANIZATIONS OR STATE SPONSORS OF TERRORISM.
3. WHILE THERE IS NOT CREDIBLE, SPECIFIC INFORMATION WITH RESPECT TO TARGETS OR METHOD OF ATTACK, THE USE OF TACTICS SIMILAR TO THOSE SEEN IN RECENT TERRORIST ATTACKS OVERSEAS INCLUDE SMALL ARMS EQUIPPED ASSAULT TEAMS, LARGE VEHICLE BORNE EXPLOSIVE DEVICES, AND SUICIDE BOMBERS. THESE ATTACKS underscore TERRORISTS DESIRES TO ATTACK SOFT TARGETS. WEAPONS OF MASS DESTRUCTION, INCLUDING THOSE CONTAINING CHEMICAL, BIOLOGICAL OR RADIOLOGICAL AGENTS OR MATERIALS, CANNOT BE DISCOUNTED.
4. MARITIME INDUSTRY OPERATORS ARE URGED TO IMPLEMENT APPROPRIATE PROTECTIVE MEASURES THAT CORRESPOND TO THREAT CONDITION ORANGE UNDER THE HSAS. OFFICIALS AT TRANSPORTATION FACILITIES SHOULD MAINTAIN HIGH LEVELS OF SECURITY AND REPORT SUSPICIOUS ACTIVITIES OR PERSONS TO THEIR LOCAL FBI OFFICE.
5. THE TRANSPORTATION INDUSTRY CAN REPORT INFORMATION CONCERNING SUSPICIOUS ACTIVITY TO THEIR LOCAL FBI OFFICE THROUGH THE FBI WEBSITE WWW.FBI.GOV/CONTRACT/FO/FO.HTM OR TO THE NATIONAL INFRASTRUCTURE PROTECTION CENTER (NIPC) AT ITS WEBSITE WWW.NIPC.GOV/INCIDENT/CIRR.HTM
6. U.S. MERCHANT VESSELS AND CRUISE SHIPS SHOULD BE ON A HEIGHTENED STATE OF SECURITY, SHOULD CLOSELY MONITOR THE NATIONAL IMAGERY AND MAPPING AGENCYS (NIMA) BROADCAST WARNINGS AND SHOULD REVIEW THE EMERGENCY COMMUNICATION PROCEDURES FOR ASSISTANCE IN NIMA PUBLICATION 117.
7. ALL U.S.-FLAG OPERATORS ARE REQUESTED TO FORWARD THIS ADVISORY TO THEIR SHIPS BY THE MOST EXPEDIENT MEANS. THIS ADVISORY WILL SUBSEQUENTLY BE PUBLISHED IN THE "WEEKLY NOTICE TO MARINERS" AND MARAD INTERNET WEB SITE:

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- WWW.MARAD.DOT.GOV  
 8. FOR FURTHER INFORMATION REGARDING THIS ADVISORY CONTACT THE MARITIME ADMINISTRATION, OFFICE OF SHIP OPERATIONS, CODE MAR-613, ROOM 2123, 400 7TH STREET SW, WASHINGTON, DC 20590; PHONE: 202-366-5735, OR BY EMAIL TO OPCENTR1@MARAD.DOT.GOV  
 9. THE HOMELAND SECURITY ADVISORY SYSTEM HAS BEEN ELEVATED TO THREAT CONDITION ORANGE.  
 10. CANCEL THIS MSG 02 JUL.

(211921Z MAY 2003)

872/03 and 873/03. CANCELED.

874/03(81,97). NORTH PACIFIC.

DISTRESS SIGNAL RECEIVED ON 121.5 MHZ IN 24-44.2N 148-47.5E AT 221424 MAY. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO JAPAN COAST GUARD.

(222253Z MAY 2003)

875/03(97). NORTH PACIFIC.

MAN OVERBOARD FROM M/V P AND O NEDLLOYD SCANDIA IN 37-46N 164-30E AT 222240Z MAY. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO JAPAN COAST GUARD.

(230640Z MAY 2003)

876/03(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

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

(231230Z MAY 2003)

877/03. CANCELED.

878/03(93). SOUTH CHINA SEA.

DISTRESS SIGNAL RECEIVED ON 406 MHZ IN 13-06.4N 118-09.7E AT 231147Z MAY. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO MRCC HONG KONG, TELEX: 8028 2952.

(231330Z MAY 2003)

879/03(63). INDIA-EAST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 15 JUN BY M/V RAMFORM VANGUARD TOWING EIGHT 3.5 MILE LONG CABLES IN AREA BOUND BY 17-09.0N 082-31.0E, 17-01.0N 082-43.0E, 16-40.0N 082-43.0E, 16-33.0N 082-31.0E. WIDE BERTH REQUESTED.  
 2. CANCEL THIS 16 JUN.

(231400Z MAY 2003)

880/03(63). INDIA-WEST COAST.

CHART 63062 (7TH ED).  
 RACON AT KACHCHIGADH LIGHT 22-19.8N 068-57.9E INOPERATIVE.

(231430Z MAY 2003)

881/03 and 882/03. CANCELED.

883/03(23,29). SOUTH ATLANTIC. ANTARCTICA. ICE.

1. ICEBERGS REPORTED ON 23 MAY IN:  
 A. A-38A, 22 MILES BY 48 MILES IN 59-18S 049-06W.  
 B. A-38B, 22 MILES BY 25 MILES IN 59-18S 050-12W.  
 C. A-38C, SEVEN MILES BY 11 MILES IN 60-12S 047-36W.  
 D. A-38D, TWO MILES BY TEN MILES IN 61-06S 049-12W.  
 E. A-43A, 14 MILES BY 35 MILES IN 67-00S 059-06W.  
 F. A-43C, 24 MILES BY 41 MILES IN 58-00S 036-18W.  
 G. A-43E, TEN MILES BY 14 MILES IN 68-12S 060-24W.  
 H. A-43F, 22 MILES BY 44 MILES IN 66-12S 059-18W.  
 I. A-43I, TWO MILES BY 12 MILES IN 59-12S 035-48W.  
 J. A-43J, FIVE MILES BY 17 MILES IN 67-36S 060-36W.  
 K. A-48, NINE MILES BY TEN MILES IN 60-24S 049-12W.  
 L. A-49, ONE MILE BY TEN MILES IN 63-00S 052-00W.  
 M. A-50, ONE MILE BY TEN MILES IN 59-30S 050-06W.  
 N. A-51, TWO MILES BY 14 MILES IN 67-18S 060-30W.  
 O. A-52, EIGHT MILES BY 22 MILES IN 65-24S 060-12W.  
 2. CANCEL THIS MSG 31 MAY.

(240620Z MAY 2003)

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884/03(75). AUSTRALIA-SOUTHEAST COAST.  
UNDERWATER OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE  
BY M/V SEARANGER IN AREA BETWEEN  
38-10S 38-33S AND 148-14E 148-33E.  
ONE MILE BERTH REQUESTED.

(240650Z MAY 2003)

- 885/03(GEN).
1. HYDROPAK MESSAGES IN FORCE 241100Z MAY 2003, ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.  
2003 SERIES: 649(71,93), 663(61), 667(62), 673(81), 690(91,93),  
695(73), 696(76), 705(63), 710(63), 716(71), 728(95),  
729(94,95), 730(95), 731(94,95), 732(71), 734(62), 735(62),  
739(95), 740(61), 743(62), 744(29), 752(62), 755(74), 760(63),  
761(63), 765(63), 766(63), 767(81), 771(61), 773(81), 776(61),  
777(62), 787(73), 797(75), 801(72), 803(71), 816(94,97),  
819(62), 829(97), 832(22), 833(22), 837(63), 849(81), 852(74),  
856(62), 858(63), 859(71), 860(81), 865(81), 867(63),  
870(81,97), 871(GEN), 872(62), 874(81,97), 875(97), 876(63),  
877(63), 878(93), 879(63), 880(63), 881(75), 882(93),  
883(23,29), 884(75).
  2. THE SUMMARY OF ALL HYDROPAK MESSAGES IN FORCE AS OF 12 DEC 2002 IS GIVEN IN SEC III OF NM 52/02. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/03.
  3. CANCEL HYDROPAK 613/03, 614/03, 620/03, 624/03, 637/03, 854/03.

(241120Z MAY 2003)

886/03(96,97). NORTH PACIFIC.  
DISTRESS SIGNAL RECEIVED ON 406 MHZ IN 45-33N 155-49E  
AT 240901Z MAY. VESSELS IN VICINITY REQUESTED  
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.  
REPORTS TO JAPAN COAST GUARD.

(241140Z MAY 2003)

887/03 thru 890/03. CANCELED.

891/03(91). SOUTH CHINA SEA.  
DISTRESS SIGNAL RECEIVED FROM M/V SUPERFERRY 12  
ON 121.5 AND 406.0 MHZ IN 14-18.0N 120-38.4E.  
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP  
LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO PAC RCC,  
TELEX: 392401, PHONE: 808 541 2500, FAX: 808 541 2123.

(250923Z MAY 2003)

- 892/03(96). NORTH PACIFIC. MISSILES.
1. HAZARDOUS OPERATIONS 1630Z TO 2230Z DAILY  
30 AND 31 MAY IN AREA BOUND BY  
52-30N 159-29E, 52-38N 159-29E,  
52-38N 159-42E, 52-04N 160-34E,  
51-57N 160-21E.
  2. CANCEL THIS MSG 312330Z MAY.

(250937Z MAY 2003)

893/03 and 894/03. CANCELED.

895/03(62). GULF OF SUEZ.  
CHART 62191 (15TH ED).  
ISOLATED DANGER BUOY 28-11.3N 033-21.4E UNLIT.

(260850Z MAY 2003)

896/03(62). RED SEA. EGYPT.  
CHART 62230 (2ND ED).  
AL IKHWAN LIGHT 26-19N 034-51E UNLIT.

(260910Z MAY 2003)

897/03. CANCELED.

- 898/03(81,97). NORTH PACIFIC. HAZARDOUS OPERATIONS.
1. SATELLITE RE-ENTRY 292000Z TO 292230Z MAY, ALTERNATE  
301900Z TO 302200Z, 311900Z TO 312130Z MAY,  
011830Z TO 012100Z, 021800Z TO 022030Z,  
031730Z TO 032000Z, 041730Z TO 041930Z,  
051730Z TO 051900Z AND  
061730Z TO 061830Z JUN IN AREA BOUND BY  
24-23-14N 148-15-21E, 21-50-24N 155-02-46E,  
20-29-45N 154-28-38E, 23-08-13N 147-41-24E.
  2. CANCEL HYDROPAK 870/03.
  3. CANCEL THIS MSG 061930Z JUN.

(261232Z MAY 2003)

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899/03. CANCELED.

900/03(GEN). GPS SATELLITE SYSTEM.  
PRN 27 UNUSABLE.

(261833Z MAY 2003)

901/03(GEN). NORTH PACIFIC. RUSSIA.  
LORAN-C STATION PETROPAVLOVSK, RATE 5980-MASTER, OFF AIR.

(270135Z MAY 2003)

902/03(71). STRAIT OF MALACCA.  
MAN OVERBOARD VICINITY 05-56N 095-44E AT 270240Z MAY.  
VESSELS IN VICINITY REQUESTED TO KEEP A  
SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS  
TO SINGAPORE PORT OPERATION CONTROL CENTER,  
TELEX: 20021, PHONE: 656 227 5539, FAX: 656 227 9971.

(270750Z MAY 2003)

903/03(63). INDIA-WEST COAST. ROCKETS.

1. HAZARDOUS OPERATIONS 1330Z TO 1600Z DAILY  
28 AND 29 MAY WITHIN 75 MILES OF  
08-31.9N 076-52.1E.
2. CANCEL THIS MSG 291700Z MAY.

(271210Z MAY 2003)

904/03. CANCELED.

905/03(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

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

(271330Z MAY 2003)

906/03(GEN). GPS SATELLITE SYSTEM.

1. PRN 03 UNUSABLE 300430Z TO 301630Z MAY.
2. CANCEL THIS MSG 301730Z MAY.

(271400Z MAY 2003)

907/03. CANCELED.

908/03(81). NORTH PACIFIC.

DISTRESS SIGNAL RECEIVED ON 406 MHZ IN  
12-37.7N 152-00.8E AT 280536Z MAY.  
VESSELS IN VICINITY REQUESTED TO KEEP A  
SHARP LOOKOUT, ASSIST IF POSSIBLE.  
REPORTS TO RCC GUAM, TELEX: 392401.

(280620Z MAY 2003)

909/03(94.97). EAST CHINA SEA.

1. SEISMIC SURVEY IN PROGRESS UNTIL 30 JUL  
IN AREA BOUND BY  
28-00N 121-20E, 28-20N 123-00E,  
26-40N 123-00E, 26-40N 121-20E.  
4000 METER BERTH REQUESTED.
2. CANCEL THIS MSG 31 JUL.

(280640Z MAY 2003)

910/03(74.75). AUSTRALIA-SOUTHWEST COAST.

1. TEN CONTAINERS ADRIFT VICINITY 31-22.2S 114-56.1E  
AT 260912Z MAY.
2. CANCEL HYDROFAC 897/03.
3. CANCEL THIS MSG 04 JUN.

(280740Z MAY 2003)

911/03(95). SEA OF JAPAN. ORDNANCE.

1. BOMBING EXERCISES 0001Z TO 1300Z DAILY  
02 THRU 07, 09 THRU 14, 16 THRU 21,  
23 THRU 28 AND 30 JUN 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 301400Z JUN.

(280840Z MAY 2003)

912/03(95). YELLOW SEA. ORDNANCE.

1. BOMBING EXERCISES 0001Z TO 1300Z DAILY  
02 THRU 07, 09 THRU 14, 16 THRU 21,  
23 THRU 28 AND 30 JUN IN AREA  
BETWEEN 35-35N 36-00N AND 125-00E 125-30E.
2. CANCEL THIS MSG 301400Z JUN.

(280850Z MAY 2003)

### SECTION III

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913/03(94,95). YELLOW SEA. ORDNANCE.

1. BOMBING EXERCISES 0001Z TO 1000Z DAILY  
02 THRU 05, 07, 09 THRU 14, 16 THRU 21,  
23 THRU 28 AND 30 JUN IN AREA BETWEEN  
36-05N 36-35N AND 124-50E 125-42E.
2. CANCEL THIS MSG 301100Z JUN.

(280855Z MAY 2003)

914/03(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0230Z TO 1130Z DAILY 01 THRU 07 JUN  
WITHIN 25 MILES OF 14-01.0N 074-19.6E.
2. CANCEL THIS MSG 071230Z JUN.

(281430Z MAY 2003)

915/03 and 916/03. CANCELED.

917/03(76). NEW ZEALAND.

VESSEL HOT PROPERTY, UNREPORTED NELSON TO AUCKLAND.  
LAST KNOWN POSITION 39-23S 173-10E AT 271906Z MAY.  
VESSELS IN VICINITY REQUESTED TO KEEP  
A SHARP LOOKOUT, ASSIST IF POSSIBLE.  
REPORTS TO MARITIME OPERATIONS NEW ZEALAND,  
INMARSAT-C: 4512 00067, PHONE: 644 914 5663,  
FAX: 644 914 5520 OR TAupo MARITIME RADIO.

(282240Z MAY 2003)

918/03(61). INDIAN OCEAN. GUNNERY.

1. GUNNERY EXERCISES 021030Z TO 021300Z JUN  
IN AREA BOUNDED BY  
21-05S 054-54E, 21-05S 055-09E,  
21-01S 055-09E, 20-53S 055-14E,  
20-49S 055-06E, 20-58S 054-54E.
2. CANCEL THIS MSG 021400Z JUN.

(290120Z MAY 2003)

919/03(73,74). TORRES STRAIT.

21 FOOT VESSEL, WHITE HULL, SEVEN PERSONS  
ON BOARD, OVERDUE DARU ISLAND (09-05S 143-41E)  
TO STEPHENS ISLAND (09-31S 143-33E). 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.

(290610Z MAY 2003)

920/03(93). SOUTH CHINA SEA.

1. SEISMIC SURVEY IN PROGRESS UNTIL 19 JUN  
BY M/V BINHAI 518 TOWING 3000 METER  
LONG CABLE IN AREA BETWEEN  
19-59N 20-46N AND 114-51E 115-56E.
2. CANCEL THIS MSG 20 JUN.

(290710Z MAY 2003)

921/03(95). SEA OF JAPAN. ORDNANCE.

1. BOMBING EXERCISES 0001Z TO 1000Z DAILY  
02 THRU 05, 07, 09 THRU 14, 16 THRU 21,  
23 THRU 28 AND 30 JUN IN AREA  
BOUND BY 38-08N 129-51E, 38-08N 130-10E,  
37-39N 130-10E, 37-42N 129-51E.
2. CANCEL HYDROPAC 916/03(74), SEARCH SUSPENDED.
3. CANCEL THIS MSG 301100Z JUN.

(290950Z MAY 2003)

922/03(94,95). YELLOW SEA. ORDNANCE.

1. BOMBING EXERCISES 0001Z TO 1000Z DAILY  
02 THRU 05, 07, 09 THRU 14, 16 THRU 21,  
23 THRU 28 AND 30 JUN IN AREA BETWEEN  
34-50N 35-15N AND 124-50E 125-42E.
2. CANCEL THIS MSG 301100Z JUN.

(290955Z MAY 2003)

### 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 NIMA Maritime Safety Information website ([http://164.214.12.145/warn/warn\\_j\\_query.html](http://164.214.12.145/warn/warn_j_query.html)), by referring to Section I (paragraph 50) of US Notice to Mariners 1/03 for those

## SECTION III

in-force as of 19 December 2002, 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 May 2003: 00-7, 01-1, 01-7, 02-2, 02-5, 02-7, 03-4 and 03-5.

MARAD ADVISORY NO. 03-5 (211630Z MAY 2003)

TO: OPERATORS OF U.S. FLAG AND EQUIVALENT U.S. CONTROLLED VESSELS AND OTHER MARITIME INTERESTS

1. THE U.S. DEPARTMENT OF HOMELAND SECURITY RAISED THE HOMELAND SECURITY ADVISORY SYSTEM (HSAS) FROM ELEVATED (YELLOW) TO THREAT CONDITION HIGH (ORANGE) ON MAY 20, 2003. THIS CONDITION SIGNIFIES A HIGH RISK OF TERRORIST ATTACK.
2. THE U.S. INTELLIGENCE COMMUNITY BELIEVES THAT AL-QAIDA HAS ENTERED AN OPERATIONAL PERIOD WORLDWIDE, AND THIS MAY INCLUDE ATTACKS IN THE UNITED STATES. IN THE WAKE OF TERRORIST BOMBINGS IN SAUDI ARABIA AND MOROCCO, AL-QAIDA AND THOSE SYNPATETIC TO THEIR CAUSE, ARE STILL A PRINCIPAL THREAT, BUT THREATS MAY ALSO EMANATE FROM OTHER ANTI-U.S. TERRORIST GROUPS, REGIONAL EXTREMIST ORGANIZATIONS, AND AD HOC GROUPS OR DISGRUNTLED INDIVIDUALS NOT CONNECTED TO EXISTING TERRORIST ORGANIZATIONS OR STATE SPONSORS OF TERRORISM.
3. WHILE THERE IS NOT CREDIBLE, SPECIFIC INFORMATION WITH RESPECT TO TARGETS OR METHOD OF ATTACK, THE USE OF TACTICS SIMILAR TO THOSE SEEN IN RECENT TERRORIST ATTACKS OVERSEAS INCLUDE SMALL ARM EQUIPPED ASSAULT TEAMS, LARGE VEHICLE BORNE EXPLOSIVE DEVICES, AND SUICIDE BOMBERS. THESE ATTACKS underscore TERRORISTS' DESIRES TO ATTACK SOFT TARGETS. WEAPONS OF MASS DESTRUCTION, INCLUDING THOSE CONTAINING CHEMICAL, BIOLOGICAL OR RADIOLOGICAL AGENTS OR MATERIALS, CANNOT BE DISCOUNTED.
4. MARITIME INDUSTRY OPERATORS ARE URGED TO IMPLEMENT APPROPRIATE PROTECTIVE MEASURES THAT CORRESPOND TO THREAT CONDITION ORANGE UNDER THE HSAS. OFFICIALS AT TRANSPORTATION FACILITIES SHOULD MAINTAIN HIGH LEVELS OF SECURITY AND REPORT SUSPICIOUS ACTIVITIES OR PERSONS TO THEIR LOCAL FBI OFFICE.
5. THE TRANSPORTATION INDUSTRY CAN REPORT INFORMATION CONCERNING SUSPICIOUS ACTIVITY TO THEIR LOCAL FBI OFFICE THROUGH THE FBI WEBSITE [HTTP://FBI.GOV/CONTACT/FO/FO.HTM](http://FBI.GOV/CONTACT/FO/FO.HTM) OR TO THE NATIONAL INFRASTRUCTURE PROTECTION CENTER (NIPC) AT ITS WEBSITE [HTTP://WWW.NIPC.GOV/INCIDENT/CIRR.HTM](http://WWW.NIPC.GOV/INCIDENT/CIRR.HTM)
6. U.S. MERCHANT VESSELS AND CRUISE SHIPS SHOULD BE ON A HEIGHTENED STATE OF SECURITY, SHOULD CLOSELY MONITOR THE NATIONAL IMAGERY AND MAPPING AGENCYS (NIMA) BROADCAST WARNINGS AND SHOULD REVIEW THE EMERGENCY COMMUNICATION PROCEDURES FOR ASSISTANCE IN NIMA PUBLICATION 117.
7. ALL U.S.-FLAG OPERATORS ARE REQUESTED TO FORWARD THIS ADVISORY TO THEIR SHIPS BY THE MOST EXPEDIENT MEANS. THIS ADVISORY WILL SUBSEQUENTLY BE PUBLISHED IN THE WEEKLY {NOTICE TO MARINERS} AND MARAD INTERNET WEB SITE: [HTTP://WWW.MARAD.DOT.GOV](http://WWW.MARAD.DOT.GOV)
8. FOR FURTHER INFORMATION REGARDING THIS ADVISORY CONTACT THE MARITIME ADMINISTRATION, OFFICE OF SHIP OPERATIONS, CODE MAR-613, ROOM 2123, 400 7TH STREET SW, WASHINGTON, DC 20590; TELEPHONE 202-366-5735, OR BY EMAIL TO [OPCENTR1@MARAD.DOT.GOV](mailto:OPCENTR1@MARAD.DOT.GOV)
9. THE HOMELAND SECURITY ADVISORY SYSTEM HAS BEEN ELEVATED TO THREAT CONDITION ORANGE.

## 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 NIMA Maritime Safety Information website ([http://164.214.12.145/warn/warn\\_j\\_query.html](http://164.214.12.145/warn/warn_j_query.html)) or by referring to Section I (paragraph 7) of US Notice to Mariners 1/03 for those in-force as of 19 December 2002 and in Notice to Mariners 14/03.

SPECIAL WARNINGS in force 29 May 2003: 1, 29, 77, 81, 82, 89, 92, 95, 107, 108, 111, 113, 114, 115, 116, 117, 118, 119, 120 and 121.

**MARINE INFORMATION****NEW EDITION OF LIST OF LIGHT**

Pub. 116, 2003 Edition, List of Lights, Radio Aids and Fog Signals for the Baltic Sea with Kattegat, Belts and Sound and Gulf of Bothnia, is ready for issue.

This edition contains information available to the National Imagery and Mapping Agency (NIMA) up to 29 March 2003, including Notice to Mariners No. 13 of 2003.

Corrections subsequent to the above effective date, up to and including Notice to Mariners No. 24 of 2003, are contained in Section II of this Notice.

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

Note: Copies of the above publication may be obtained from the Government Printing Office (GPO).

**NEW EDITION OF SAILING DIRECTIONS**

Pub. 158, Sailing Directions (Enroute) Japan Volume I, Eighth Edition, 2003, is ready for issue. This publication has been corrected to 12 April 2003, including Notice to Mariners No. 15 of 2003.

This edition is produced by NIMA in digital format only, available on CD-ROM and/or electronic access through the World Wide Web.

NIMA nautical publications as produced in digital format are more robust, expansive and customer friendly than the printed versions. Customers can expect access to data links between publication data sets, video streams, links to other websites, timely up-to-date information and current state of the art graphics, photos and commercial imagery.

Digital Nautical publications will be updated using a binary executable called "Publication Data Update (PDU)". PDU updates are cumulative ensuring customers will not miss any changes and may be accessed on the Maritime Safety Information Division website (<http://pollux.nss.nima.mil>).

Customers requiring paper versions of NIMA products may purchase them through the U.S. Government Printing Office (GPO) Superintendent of Documents. The NIMA point of contact for this effort is Mr. Adam Veracka (301)227-3173.

## 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 NIMA to update our records and obtain additional or later information.

**User Feedback:** use this space to provide feedback and suggestions for improving NIMA's 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, NIMA 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 NIMA's Bathymetric Data Base. Acknowledgment is made by inclusion in the Observer's List of the Notice to Mariners (page ii), or in some cases by letter from the Agency involved.

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

## **MARINE INFORMATION REPORT AND SUGGESTION SHEET**

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

Address \_\_\_\_\_

Email address

Date of Observation \_\_\_\_\_ Time of Observation (Local)\_\_\_\_\_

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_ Datum \_\_\_\_\_

Navigation System \_\_\_\_\_ Verified by Navigator: Yes \_\_\_\_\_ No \_\_\_\_\_

Product(s) Affected \_\_\_\_\_ Edition \_\_\_\_\_

Latest correction applied: N.M. \_\_\_\_\_

Sounding sensor or method used

Sounding(s) corrected for draft: Yes No

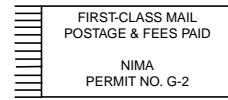
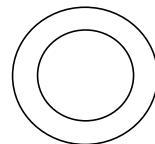
Details of Information Reported (continue on additional sheets as necessary) \_\_\_\_\_

User Feedback (continue on additional sheets as necessary)



**MARITIME SAFETY INFORMATION DIVISION  
ST D44  
NATIONAL IMAGERY AND MAPPING AGENCY  
4600 SANGAMORE ROAD  
BETHESDA MD 20816-5003**

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## ARCTIC MARITIME SAFETY INFORMATION REPORT SHEET

Observer \_\_\_\_\_

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

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

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

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

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Date of Insertion \_\_\_\_\_ Date of Removal \_\_\_\_\_

If observed, Date \_\_\_\_\_ Time (Local) \_\_\_\_\_

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_ Datum \_\_\_\_\_

Navigation System \_\_\_\_\_ Verified by Navigator: Yes \_\_\_\_\_ No \_\_\_\_\_

Sounding sensor or method used \_\_\_\_\_

Sounding(s) corrected for draft: Yes \_\_\_\_\_ No \_\_\_\_\_

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

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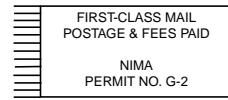
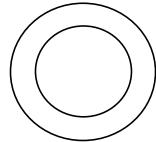
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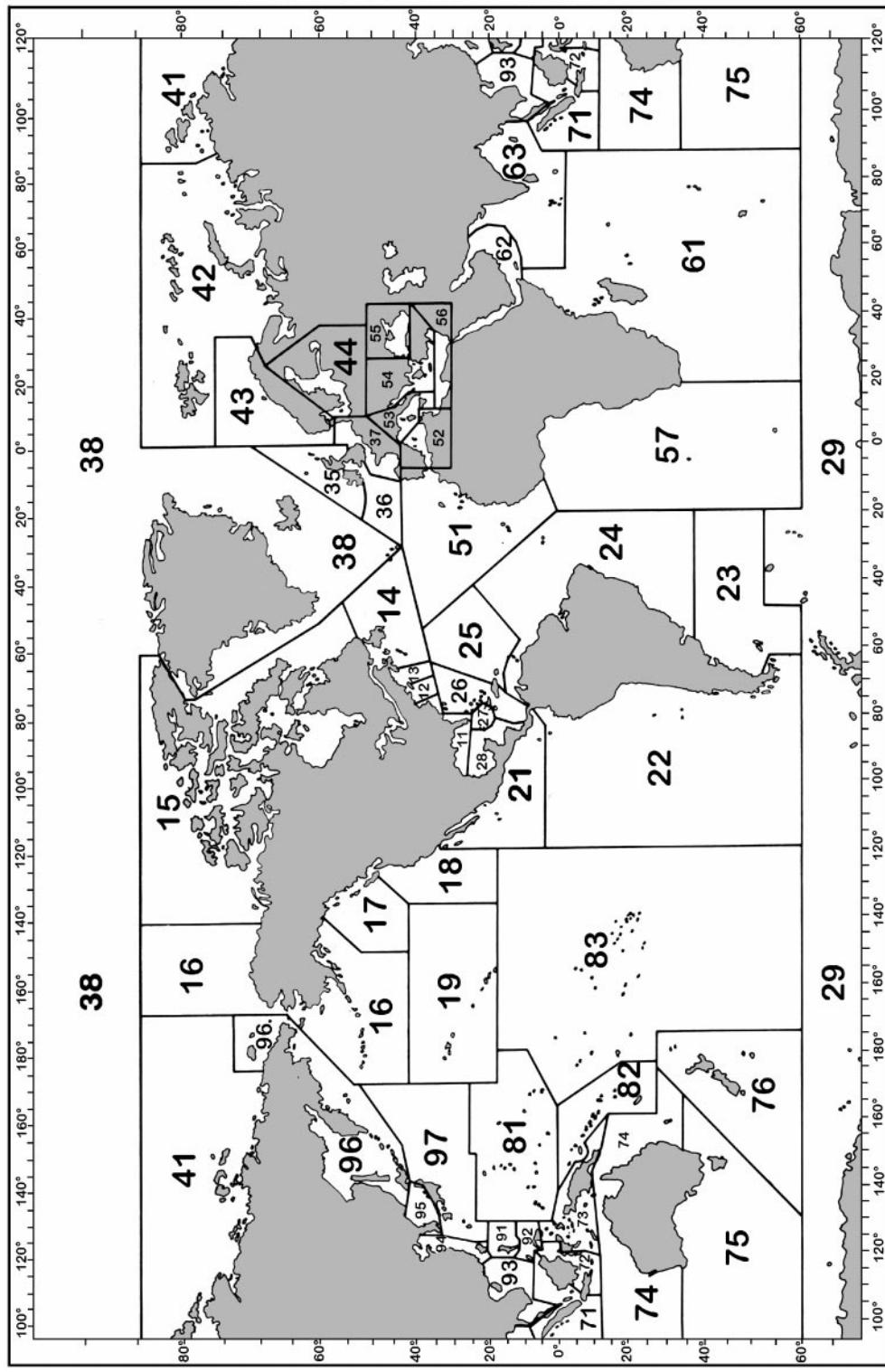
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## GEOGRAPHIC LOCATOR



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

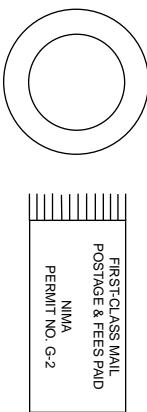
ATTN: JNAH

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**