



No. 15
12 APRIL 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/>



NSN 7642015018947
NIMA REF.NO. NMXXX0315

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 via the NIMA Homepage (www.nima.mil) under the Safety of Navigation link or 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, for information affecting Sailing Directions and all other navigational publications use SDPUBS@nima.mil, for information concerning the Maritime Safety Information Website, use 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.

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 15/03

HYDROGRAM

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

SPECIAL
ANNOUNCEMENTS

NEW PRODUCTS
OR SERVICES

IMPORTANT
CHANGES

12 April 2003

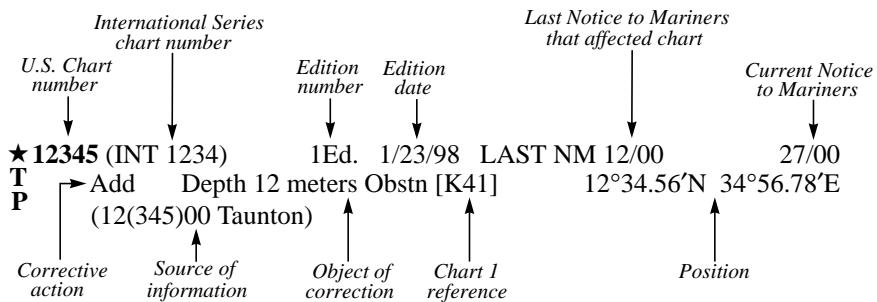
DISCONTINUANCE OF 121.5 AND 243 MHZ FOR SATELLITE DISTRESS ALERTS TO BEGIN

THE INTERNATIONAL COSPAS-SARSAT PROGRAM HAS ANNOUNCED PLANS TO TERMINATE SATELLITE PROCESSING OF DISTRESS SIGNALS FROM 121.5 AND 243 MHZ EMERGENCY BEACONS. SEE SECTION 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**

NM 15/03

1113A	Ed. 1/13/01 LAST NM 8/03 Add (NOS)	Danger circle [K40] "(8 1/4fms)"	24°31.8'N 81°27.7'W	15/03	★11445	30Ed. 3/31/01 LAST NM 7/03 Add	Obstruction "(Fish Haven) (auth min 50ft)" [K46.2] bound by dotted line joining	24°31'55"N 81°27'34"W 24°31'55"N 81°27'46"W 24°31'37"N 81°27'46"W 24°31'37"N 81°27'34"W	15/03
11420	26Ed. 1/13/01 LAST NM 8/03 Add (NOS)	Danger circle [K40] "(8 1/4fms)"	24°31.8'N 81°27.7'W	15/03					
11423	7Ed. 8/10/96 LAST NM N8/03 Add (NOS)	Danger circle [K46.2] "(Fish Haven) (8 fathoms 1 foot)"	24°31.8'N 81°27.7'W	N15/03	11446	30Ed. 3/31/01 LAST NM 7/03 Relocate	Light from 24°27'15.0"N 81°52'31.3"W to (7/03 CG7)	24°27'14.2"N 81°52'39.0"W	15/03
11434	24Ed. 3/16/02 LAST NM 21/02 Delete Light	24°27.2'N 81°52.5'W		15/03	11450	8Ed. 3/30/02 LAST NM 28/02 Add (NOS)	Danger circle [K46.2] "(Fish Haven) (auth min 8 1/4fms)"	24°31.8'N 81°27.7'W	15/03
	Change Visibility (range) of light to 5M	24°38.9'N 82°11.0'W			11460	38Ed. 6/02 LAST NM 13/03 Add (NOS)	Danger circle [K40] "(8 1/4fms)"	24°31.8'N 81°27.7'W	15/03
	Add Light Fl(2) 15s 109ft 11M 2 RED SEC RACON (-•) with sectors red 248°-270°, white-072°, red-086°	24°27.2'N 81°52.6'W			11461	5Ed. 4/26/97 LAST NM 7/03 Add (NOS)	Danger circle [K46.2] "(Fish Haven) (auth min 15m)"	24°31.8'N 81°27.7'W	15/03
		Light Fl 6s 40ft 5M	24°27.2'N 81°52.5'W		★11512	59Ed. 1/03 LAST NM 11/03 Add (NOS)	Tabulation of controlling depths from Subsection I-2		15/03
		Obstruction "(Fish Haven) (auth min 8 1/4fms)" [K46.2] bound by dotted line joining	24°31.9'N 81°27.6'W 24°31.9'N 81°27.8'W 24°31.6'N 81°27.8'W 24°31.6'N 81°27.6'W		11514	26Ed. 7/02 LAST NM 5/03 (Side A) Add (NOS)	Tabulation of controlling depths from Subsection I-2		15/03
11435	13Ed. 9/27/97 LAST NM N8/03 Delete Lights (2)	24°27.2'N 81°52.5'W	N15/03		★11524	46Ed. 12/02 LAST NM 13/03 Add (5/03 CG7)	Light Fl 6s 4ft (Priv) Light Fl 4s 4ft (Priv) Light Fl 6s 4ft (Priv) Light Fl 4s 4ft (Priv) Light Fl 2.5s 4ft (Priv) Light Q 4ft (Priv)	32°49'59.3"N 79°56'04.6"W 32°49'59.7"N 79°56'01.3"W 32°49'55.9"N 79°56'01.1"W 32°49'54.5"N 79°56'01.1"W 32°49'51.4"N 79°56'02.1"W 32°49'51.4"N 79°56'07.9"W	15/03
	Change Visibility (range) of light to 5M	24°38.9'N 82°11.0'W			★12245	61Ed. 1/03 LAST NM 14/03 Relocate Beacon "A" from 36°58'05.9"N 76°25'50.9"W to (10/03 CG5)	Beacon "A" from 36°58'03.7"N 76°25'52.6"W		15/03
	Add Light Fl(2) WR 15s 109ft 14/11M Racon with sectors red 248°-270°, white-072°, red-086°	24°27.2'N 81°52.6'W			★12248	39Ed. 2/9/02 LAST NM 8/03 Delete Light "10"	37°03'12"N 76°34'34"W		15/03
		Light Fl 6s 40ft 5M	24°27.2'N 81°52.5'W			Relocate Beacon "A" from 36°58'06"N 76°25'51"W to Beacon "2" from 37°01'28"N 76°32'02"W to Light "18" from 37°04'56"N 76°36'34"W to Light "40" from 37°12'48"N 76°39'39"W to and change height to 15ft	36°58'04"N 76°25'53"W 37°01'27"N 76°32'05"W 37°04'54"N 76°36'35"W 37°12'48"N 76°39'38"W		
		(NOS; 7/03 CG7)					Light "24" from 37°07'03"N 76°38'08"W to and delete legend "PA"	37°07'04"N 76°38'09"W	
★11439	25Ed. 2/2/02 LAST NM 7/03 Delete Light	24°27'15"N 81°52'31"W	15/03			Add Light "10" Fl R 4s 15ft 4M Ra Ref (10, 11/03 CG5)	37°03'12"N 76°34'37"W		
	Change Visibility (range) of light to 5M	24°38'57"N 82°11'02"W			★12251	23Ed. 5/12/01 LAST NM 7/03 Relocate Light "77B" from 37°16'35"N 77°05'01"W to (11/03 CG5)	37°16'37"N 77°04'59"W		15/03
	Add Light Fl(2) 15s 109ft 11M RACON (-•) with sectors red 248°-270°, white-072°, red-086°	24°27'14"N 81°52'39"W							
		Light Fl 6s 40ft 5M	24°27'13"N 81°52'31"W						
		Obstruction "(Fish Haven) (auth min 50ft)" [K46.2] bound by dotted line joining	24°31'55"N 81°27'34"W 24°31'55"N 81°27'46"W 24°31'37"N 81°27'46"W 24°31'37"N 81°27'34"W						
		(NOS; 7/03 CG7)							

SECTION I

★12252	23Ed. 5/12/01 LAST NM 10/03 Relocate Light "AR" from 37°19'19.0"N to 37°19'43.1"W to 37°19'18.5"N 77°16'46.9"W Light "107" from 37°18'45.5"N to 37°18'44.5"N 77°13'56.9"W (11/03 CG5)	15/03	Note: Sectors remain unchanged (Can LL)
12273	53Ed. 4/13/02 LAST NM 5/03 Delete Light (Supersedes 5/03-12273) (10/03 CG5)	15/03 39°27'00"N 76°03'30"W	
★12274	33Ed. 7/02 LAST NM 5/03 Delete Light (Supersedes 5/03-12274) (10/03 CG5)	15/03 39°27'00"N 76°00'30"W	
★12312	52Ed. 1/03 LAST NM 10/03 Change Legend to "28 FT OCT 2002" (NOS)	15/03 39°53'02"N 75°11'46"W	
14774	16Ed. 12/19/92 LAST NM 9/99 Delete Buoy "PV5" Buoy "H29" Buoy "H30/2" Buoy "H3014" Buoy "JEB" Buoy Add Designation "J16" to buoy (10(1930)99 Ottawa)	15/03 44°14'27"N 76°11'04"W 44°17'57"N 76°07'03"W 44°18'07"N 76°07'43"W 44°18'02"N 76°07'56"W 44°19'04"N 76°09'45"W 44°19'28"N 76°09'32"W 44°18'11"N 76°11'32"W	
★14973	27Ed. 2/03 NEW EDITION (NOS)	15/03	
15313	1Ed. 9/24/88 LAST NM 50/99 Delete Buoy "C9" Racon	15/03 58°46'45"N 94°11'57"W 58°46'32"N 94°11'26"W	
	Add Racon [S3.1] at light Racon [S3.1] (10(1924)99 Ottawa)	58°47'01"N 94°13'59"W 58°46'56"N 94°13'54"W	
17438	12Ed. 1/28/95 LAST NM 14/03 Add WHIS to buoy "DAX" (12(3956)00 Ottawa)	15/03 54°14'09"N 130°33'56"W	
17441	7Ed. 6/24/95 LAST NM 10/03 Add WHIS to buoy "DAX" (12(3956)00 Ottawa)	15/03 54°14'09"N 130°33'56"W	
17513	Ed. 8/4/89 LAST NM N43/02 Change Light to FL R 4s 8m 4M Light to Q 5m 5M (Can LL)	N15/03 50°21'42"N 125°08'09"W 50°14'35"N 125°06'40"W	
17515	7Ed. 7/15/95 LAST NM 6/03 Change Light to FL G 4s 8m 5M Visibility (range) of light to 7M (Can LL)	15/03 50°01'49"N 124°49'37"W 49°42'30"N 124°21'24"W	
17517	8Ed. 5/6/95 LAST NM 6/03 Change Visibility (range) of light to 7M (Can LL)	15/03 49°42'30"N 124°21'24"W	
17521	Ed. 11/27/92 LAST NM N8/02 Change Light to FL R 4s 6m 5M Light to FL R 4s 8m 4M (Plan C) Change Light to FL R 4s 8m 4M (Can LL)	N15/03 50°21'27"N 125°31'32"W 50°21'42"N 125°08'09"W 50°21'42"N 125°08'09"W	
17522	Ed. 9/25/87 LAST NM N1/01 Change Light to FL R 4s 9m 5M Light to FL G 4s 5m 5M Light to FL R 4s 10m 5M Light to Q WR 9m 5M	N15/03 50°28'30"N 126°00'07"W 50°22'51"N 125°48'50"W 50°22'36"N 125°44'36"W 50°23'36"N 125°52'18"W	
17523	Ed. 4/28/89 LAST NM N18/01 Change Light to Fl R 4s 9m 5M (Can LL)	15/03 50°28'30"N 126°00'06"W	N15/03
17524	Ed. 9/26/97 LAST NM N19/01 Change Visibility (range) of light to 7M (Can LL)	15/03 50°45'54"N 127°04'18"W	N15/03
17525	Ed. 4/28/89 LAST NM N8/02 Change Light to Fl(3) 12s 10m 9M (Can LL)	15/03 50°32'37"N 126°47'00"W	N15/03
17526	Ed. 4/28/89 LAST NM N19/01 Change Visibility (range) of light to 7M (Can LL)	15/03 50°45'54"N 127°04'18"W	N15/03
17549	6Ed. 7/1/95 LAST NM 47/02 (Plan A) Delete Light Add Light FR (Priv) (12(3668)00 Ottawa)	15/03 49°13'53"N 124°48'52"W 49°13'56.5"N 124°48'53.4"W	
18418	6Ed. 9/30/95 LAST NM 42/00 (Plan) Delete Light Light Light Add Note "NOTE Extensive changes have occurred in the area of Yarrows Ltd. Shipyards." (12(3419)00 Ottawa)	15/03 48°26'02"N 123°25'36"W 48°26'03"N 123°25'35"W 48°26'03"N 123°25'31"W 48°25'54"N 123°25'30"W	
18423	33Ed. 10/02 LAST NM 9/03 (Page E) Delete Obscured sector from light (51/02 CG13)	15/03 48°06'06"N 122°41'17"W	
18440	26Ed. 12/02 LAST NM 3/03 Change Height of light to 20ft (51/02 CG13)	15/03 47°16.7'N 122°24.9'W	
18441	42Ed. 5/1/02 LAST NM 9/03 Delete Obscured sector from light "10" Obscured sector from light (51/02 CG13)	15/03 47°45'02"N 122°45'19"W 48°06'06"N 122°41'17"W	
18445	29Ed. 2/24/01 LAST NM 10/03 (Page B, Inset 6) Change Height of light to 20ft (Page C) Change Height of light to 20ft (Page E) Delete Obscured sector from light "10" (51/02 CG13)	15/03 47°16'49"N 122°24'52"W 47°16.7'N 122°24.9'W 47°45'02"N 122°45'19"W	
18448	32Ed. 8/25/01 LAST NM 10/03 Change Light to Fl(2+1) 6s 20ft 7M Note: Sectors remain unchanged (51/02 CG13)	15/03 47°16'49"N 122°24'52"W	
18455	2Ed. 3/7/98 LAST NM N39/02 Delete Obscured sector from light "10" (51/02 CG13)	15/03 47°45'02"N 122°45'19"W	
★18458	14Ed. 9/20/97 LAST NM 9/03 Change Visibility (range) of light "10" to 6M and delete obscured sector (51/02 CG13)	15/03 47°45'02"N 122°45'19"W	

SECTION I

NM 15/03

18459	5Ed. 5/16/98 LAST NM N9/03 Delete Obscured sector from light "10" (51/02 CG13)	47°45'02"N 122°45'19"W	N15/03	25001 7Ed. 8/11/01 LAST NM 19/02 Add Light symbol [P1] (7/830)03 Taunton)	12°36.8'N 70°03.1'W	15/03
★18464	22Ed. 3/28/98 LAST NM 7/03 Delete Obscured sector from light (51/02 CG13)	48°06'05"N 122°41'17"W	15/03	25017 5Ed. 10/30/93 LAST NM 12/02 Add Light Fl(2) 6s 10M with visible sector 270°-000° (5/03 CG7)	18°05.2'N 67°50.8'W	15/03
★18465	35Ed. 12/02 LAST NM 2/03 Relocate Buoy "R" from 48°16'24"N 123°06'41"W to (4/03 CG13)	48°16'25"N 123°06'35"W	15/03	25018 9Ed. 7/28/01 LAST NM 12/02 Add Light Fl(2) 6s 15ft 10M with visible sector 270°-000° (5/03 CG7)	18°05.2'N 67°50.8'W	15/03
★18471	8Ed. 1/19/02 LAST NM 7/03 Delete Obscured sector from light (51/02, 4/03 CG13)	48°06'06"N 122°41'17"W	15/03	25640 40Ed. 4/6/02 LAST NM 28/02 Add Light Fl(2) 6s 15ft 10M with visible sector 270°-000° (5/03 CG7)	18°05'11"N 67°50'47"W	15/03
★18474	7Ed. 8/02 LAST NM 10/03 Change Height of light to 20ft (51/02 CG13)	47°16'49"N 122°24'52"W	15/03	★25667 20Ed. 10/3/98 LAST NM 43/00 Delete Position circle "TOWER" (NOS)	18°23'08.5"N 65°35'16.3"W	15/03
	Obscured sector of light to 324°-045° (51/02 CG13)	47°35'56"N 122°23'17"W		★25671 17Ed. 6/20/92 LAST NM 16/00 Add Light Fl(2) 6s 15ft 10M with visible sector 270°-000° (5/03 CG7)	18°05.2'N 67°50.8'W	15/03
★18484	10Ed. 7/5/97 LAST NM 40/02 Change Height of light "A" to 20ft Height of light "B" to 20ft Height of light "1" to 20ft (51/02 CG13)	48°22'06"N 124°36'27"W 48°22'09"N 124°36'32"W 48°22'10"N 124°36'46"W	15/03	25700 3Ed. 2/15/86 LAST NM 12/02 Add Light Fl(2) 6s 5m 10M with visible sector 270°-000° (5/03 CG7)	18°05.2'N 67°50.8'W	15/03
★18651	42Ed. 2/03 NEW EDITION (NOS)		15/03	25848 25Ed. 5/13/95 LAST NM 13/03 (Plan A) Delete Range light, rear, range line and legend "Lts...349°48'' between 18°25'31.8"N 70°01'11.5"W 18°24'37.2"N 70°01'01.5"W (See 13/03-25848)		15/03
★18661	27Ed. 2/03 NEW EDITION (NOS)		15/03	Change Characteristic of light to Dir F WRG 18°25'27.3"N 70°01'10.5"W		
22370	2Ed. 12/6/97 LAST NM 30/01 Change Visibility (range) of light to 18M (5/73)02 Valparaiso)	46°49.3'S 75°37.3'W	15/03	Add Stranded wreck [K24] 18°24'36.0"N 70°01'16.8'W		
22375	Ed. 1/1/49 LAST NM N10/03 Change Visibility (range) of light to 18M (5/73)02 Valparaiso)	46°49.3'S 75°37.3'W	N15/03	Double dashed line with land tint (jetty) and legend "Under constr (2003)" between 18°24'30.3"N 70°01'30.9'W 18°24'22.8"N 70°01'14.4'W (10/1259P)03 Taunton)		
22395	2Ed. 2/28/98 LAST NM 42/02 Change Visibility (range) of light to 18M (5/73)02 Valparaiso)	46°49.3'S 75°37.3'W	15/03	26245 16Ed. 2/10/96 LAST NM 51/02 (Panel B) Change Buoy to "Petrolera No. 1" Y, spar, Fl Y 7s (5/38)02 Habana)	20°40'04.9"N 74°53'09.7'W	15/03
22420	2Ed. 7/26/97 LAST NM 11/03 Add Light Fl 5s 8m 9M (3/36)02 Valparaiso)	51°16.9'S 74°21.6'W	15/03	27080 4Ed. 9/1/01 LAST NM 20/02 Add Danger circle [K46.2] "(Fish Haven)" (auth min 15m) (NOS)	24°31.8'N 81°27.7'W	15/03
24460	4Ed. 11/6/93 LAST NM 47/02 (Panel B) Add Light Fl(2) WR 10s 55m 19M with sectors white 354°-005°, red-013°, white-295° (7/830)03 Taunton)	12°36.8'N 70°03.1'W	15/03	35036 21Ed. 8/23/97 LAST NM 10/03 Add Light float [Q31] "Target Float" Fl(5) Y 20s (22/2147)00 Taunton)	52°31.0'N 4°49.0'W	15/03
24463	6Ed. 6/3/95 LAST NM 12/03 Add Light "Noordwestpunt" Fl(2) WR 10s 55m 19M with sectors white 354°-005°, red-013°, white-295° (7/830)03 Taunton)	12°36'48.2"N 70°03'06.2"W	15/03	36010 27Ed. 10/4/97 LAST NM 5/03 Add Light float [Q31] "Target Float" Fl(5) Y 20s (22/2147)00 Taunton)	52°31.0'N 4°49.0'W	15/03
24508	2Ed. 5/27/95 LAST NM 46/02 Add Legend "Shoaling rep (2002)" (7/5/02 Bogota)	10°20'23"N 75°31'53"W	15/03	36040 16Ed. 5/3/97 LAST NM 1/03 Add Light float [Q31] "Target Float" Fl(5) Y 20s (22/2147)00 Taunton)	52°31.0'N 4°49.0'W	15/03
24509	2Ed. 6/24/95 LAST NM 50/02 Add Legend "Shoaling rep (2002)" (7/5/02 Bogota)	10°20'23"N 75°31'53"W	15/03			

36164	7Ed. 8/29/98 LAST NM 8/03 (Plan A)	15/03	37325	8Ed. 7/12/97 LAST NM 47/02 Substitute Depth 24 meters Wk [K26] for 21.5 meters Wk Depth 20.5 meters Wk [K26] for 14.5 meters Wk (25(10)02 Brest)	15/03
Delete	Depth 9.2 meters	51°30'10.5"N 2°45'11.3"W		48°20'56.0"N 4°33'01.5"W	
Add	Depth 7.9 meters (22(2147)00 Taunton)	51°30'08.6"N 2°45'06.0"W		48°21'14.5"N 4°30'33.1"W	
37005	16Ed. 8/2/97 LAST NM 13/03 Add Foul ground symbol [K31] Foul ground symbol [K31] (35(87), 40(87)02 Hamburg)	15/03 53°56.3'N 7°15.7'E 54°06.1'N 7°26.6'E	37326	2Ed. 5/3/97 LAST NM 51/02 Substitute Depth 20.5 meters Wk for 14.5 meters Wk (25(10)02 Brest)	15/03 48°21'14.5"N 4°30'32.5"W
37010	23Ed. 9/7/96 LAST NM 13/03 Add Foul ground symbol [K31] (40(87)02 Hamburg)	15/03 53°54.0'N 7°08.4'E	37328	2Ed. 7/19/97 LAST NM 11/03 Substitute Depth 22.5 meters Wk for depth 17 meters Wk 48°18'43"N 4°39'36"W Depth 20.6 meters Wk for depth 18 meters Wk 48°18'25"N 4°40'10"W Depth 24 meters Wk for depth 21 meters Wk 48°20'56"N 4°33'02"W	15/03
37080	3Ed. 12/28/96 LAST NM 14/03 Delete Light (23(7)00 Brest)	15/03 49°39.1'N 1°35.6'W	Add Foul ground symbol [K31] (25(10)02 Brest)	48°19'25"N 4°38'04"W	
37095	3Ed. 10/26/96 LAST NM 14/03 Delete Light (23(7)00 Brest)	15/03 49°39.1'N 1°35.6'W	37342	3Ed. 10/5/96 LAST NM 11/03 Add Danger circle "Obstn" [K40] Foul ground symbol [K31] (27(25)02 Brest)	15/03 47°39'56"N 3°25'27"W 47°40'02"N 3°25'47"W
37165	2Ed. 2/3/96 LAST NM 13/03 Add Foul ground symbol [K31] Foul ground symbol [K31] Foul ground symbol [K31] Foul ground symbol [K31] (40(87)02 Hamburg)	15/03 53°56.3'N 7°15.7'E 53°55.9'N 7°11.4'E 53°51.6'N 7°06.8'E 53°54.0'N 7°08.4'E	37360	15Ed. 6/22/96 LAST NM 11/03 Add Danger circle "Obstn" [K40] (27(25)02 Brest)	15/03 47°39.9'N 3°25.5'W
37221	13Ed. 2/3/96 LAST NM 14/03 Add Foul ground symbol [K31] Foul ground symbol [K31] Foul ground symbol [K31] Foul ground symbol [K31] (35(87), 40(87)02 Hamburg)	15/03 53°55.9'N 7°11.4'E 53°54.2'N 7°09.2'E 53°51.6'N 7°06.8'E 53°54.0'N 7°08.4'E 54°06.1'N 7°26.6'E	41000	2Ed. 4/8/78 LAST NM 33/01 Delete Light (28(4139)98 St. Petersburg)	15/03 74°54.3'N 142°02.0'E
37264	3Ed. 9/13/97 LAST NM 1/03 Delete Light	15/03 49°39'06.0"N 1°35'37.0"W	43030	24Ed. 4/5/97 LAST NM 13/03 Add Foul ground symbol [K31] Foul ground symbol [K31] (40(87)02 Hamburg)	15/03 53°56.3'N 7°15.7'E 53°51.6'N 7°06.8'E
Change	Range light, rear to Dir Iso G 4s 16m 7M, Q 16m 13M	49°39'04.1"N 1°36'01.0"W	43384	1Ed. 9/14/91 LAST NM 13/03 Add Position circle "Windmotor (R Lt)" [E26] 58°18'49"N 11°23'42"E	15/03
Add	Range light, front Q 9m 13M	49°39'19.5"N 1°35'59.4"W		Position circle "Windmotor" [E26] 58°18'59"N 11°23'38"E (39(1063)99 Norrkoping)	
	Range line extending in 009° direction from above rear light dashed for 1,500 meters, thence solid for 2,000 meters		44120	7Ed. 2/22/97 LAST NM 10/03 Add Buoy G, pillar, Fl(2) G 6s	15/03 56°05.7'N 15°34.3'E
	Legend "Lights in line 189°" along above range line	49°39'42.0"N 1°35'51.0"W		Buoy BYB, spar, double cone topmark bases together (18(560)99 Norrkoping)	56°04.7'N 15°33.6'E
(23(7)00 Brest; Fr LL)			44160	7Ed. 4/5/97 LAST NM 14/03 Add Submarine pipeline [L40.1] joining	15/03 57°04.5'N 16°32.9'E 57°03.9'N 16°34.2'E 57°03.1'N 16°37.1'E
37281	15Ed. 1/25/97 LAST NM 1/03 Delete Light	15/03 49°39'06.0"N 1°35'36.0"W	44182	4Ed. 5/28/94 LAST NM 2/03 Delete Submarine cable between	15/03 59°18'57.5"N 18°06'00.4"E 59°19'09.7"N 18°06'03.9"E
Change	Range light, rear to Dir Iso G 4s 16m 7M, Q 16m 13M	49°39'03.7"N 1°36'00.8"W		Depth 6.2 meters	59°19'24.0"N 18°04'32.4"E 59°19'27.0"N 18°06'33.0"E
Add	Range light, front Q 9m 13M	49°39'20.3"N 1°35'56.6"W	Substitute	Depth 6.5 meters for 16 meters	59°19'21.0"N 18°04'32.4"E
	Range line extending in 009° direction from above rear light dashed for 1,500 meters, thence solid for 2,000 meters			Depth 6.5 meters for 7.3 meters	59°20'40.8"N 18°07'04.8"E
	Legend "Lights in line 189°" along above range line	49°40'46.0"N 1°35'37.0"W	Add	Depth 6.8 meters	59°21'23.4"N 18°06'30.0"E
(23(7)00 Brest; Fr LL)				Depth 7.3 meters	59°21'21.0"N 18°06'33.0"E
37320	16Ed. 9/6/97 LAST NM 12/03 Substitute Depth 22.5 meters Wk for 17 meters Wk 48°18'43"N 4°39'36"W	15/03 Depth 20.6 meters Wk for 18 meters Wk 48°18'25"N 4°40'10"W		Depth 6.5 meters	59°20'43.2"N 18°07'03.0"E
(25(10)02 Brest)				Depth 6.5 meters	59°19'25.8"N 18°04'35.4"E
				Depth 5.5 meters	59°19'30.6"N 18°04'36.6"E
				Buoy G, spar	59°22'32.3"N 18°02'59.2"E
				Buoy R, spar	59°22'32.2"N 18°02'58.1"E
				(25(739, 740)99 Norrkoping)	

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NM 15/03

44186	2Ed. 6/15/96 LAST NM 10/03 Delete Position circle "R Relay Mast" (18(555)99 Norrkoping)	15/03 59°29'57"N 19°10'03"E	44320	4Ed. 9/21/96 LAST NM 9/03 Change Legend at pilot station symbol to "Heltermaa" 59°08.0'N 22°56.5'E	15/03
44193	1Ed. 7/16/94 LAST NM 7/03 Change Vertical clearance of overhead cable to 21 meters 59°28'48"N 17°08'00"E Vertical clearance of overhead cable to 13 meters 59°28'06"N 17°08'36"E	15/03	Add Pilot station symbol with legend "Lehtma" [T1.2] 59°05.5'N 22°44.0'E Pilot station symbol with legend "Dirhami" [T1.2] 59°14.5'N 23°29.5'E (11(116)96 Tallinn)		
44203	1Ed. 2/6/93 LAST NM 5/03 Add Submarine cable (power) [L31.1] joining 60°08'41"N 18°32'32"E 60°08'41"N 18°32'59"E 60°08'46"N 18°33'42"E 60°08'46"N 18°34'17"E (39(1042)99 Norrkoping)	15/03	44340	11Ed. 8/10/96 LAST NM 9/03 Add Pilot station symbol with legend "Kunda" [T1.2] 59°38.0'N 26°29.5'E Pilot station symbol with legend "Muuga NE" [T1.2] 59°39.0'N 25°05.4'E Pilot station symbol with legend "Muuga NW" [T1.2] 59°40.0'N 24°42.0'E Pilot station symbol with legend "Paldiski" [T1.2] 59°23.0'N 24°00.0'E Pilot station symbol with legend "Dirhami" [T1.2] 59°14.5'N 23°29.5'E	15/03
44205	2Ed. 4/9/94 LAST NM 12/03 Relocate Buoy from 60°41'45.0"N 17°14'24.0"E to 60°41'43.2"N 17°14'26.3"E Buoy from 60°41'41.2"N 17°14'02.4"E to 60°41'39.2"N 17°14'01.6"E Buoy from 60°41'23.6"N 17°14'29.0"E to 60°41'35.0"N 17°14'25.1"E (See 52/02-44205)	15/03	Pilot station symbol [T1.1] 59°37.5'N 24°38.0'E (11(116)96 Tallinn)		
44206	Change Buoy to G, pillar, Fl G 3s (Plan) Relocate Buoy from 60°41'45.0"N 17°14'24.0"E to 60°41'43.2"N 17°14'26.3"E Buoy from 60°41'41.2"N 17°14'02.4"E to 60°41'39.2"N 17°14'01.6"E Buoy from 60°41'23.6"N 17°14'29.0"E to 60°41'35.0"N 17°14'25.1"E (33(919, 921)99 Norrkoping)	15/03	44352	2Ed. 4/27/96 LAST NM 12/03 Add Pilot station symbol [T1.1] 59°40'00.0'N 24°42'00.0"E (11(116)96 Tallinn)	15/03
44240	8Ed. 7/19/97 LAST NM 14/03 Add Position circle "Windmotor (R Lt)" [E26] 63°27.3'N 19°40.4'E (4(134)00 Norrkoping)	15/03	44361	6Ed. 7/13/96 LAST NM 10/03 Delete Depth 2.5 meters Obstn 59°57'51"N 30°13'36"E (47(7345)02 St. Petersburg)	15/03
44280	9Ed. 7/13/96 LAST NM 12/03 Delete Beacon 65°19.5'N 21°57.9'E Add Buoy YBY, spar, double cone topmark points together 65°45.9'N 24°05.8'E Buoy BY, spar, double cone topmark points up 65°45.7'N 23°44.6'E Buoy BYB, spar, double cone topmark bases together 65°41.1'N 23°38.2'E Buoy YBY, spar, double cone topmark points together 65°43.9'N 23°38.4'E Buoy G, pillar, Fl(2) G 6s 65°23.5'N 22°20.5'E Buoy R, pillar, Fl R 3s 65°24.4'N 22°20.6'E Position circle "Windmotors (R Lts)" [E26] 65°15.3'N 21°36.4'E Position circle [E26] 65°15.2'N 21°36.7'E (26(757, 758), 40(1070)99, 5(154), 6(170)00 Norrkoping)	15/03	44400	4Ed. 9/7/96 LAST NM 12/03 Add Legend "Parnu" to pilot station symbol 58°20.0'N 24°25.7'E Pilot station symbol with legend "Lehtma" [T1.2] 59°05.5'N 22°44.0'E Pilot station symbol with legend "Veere" [T1.2] 58°32.0'N 22°02.0'E Pilot station symbol with legend "Roomassare" [T1.2] 58°08.0'N 22°25.0'E (11(116)96 Tallinn)	15/03
44281	2Ed. 4/6/96 LAST NM 12/03 Change Buoy to "Vaktposten" G, pillar, Fl(2) G 6s 65°23'28"N 22°20'28"E Add Buoy "Klippgundet" R, pillar, Fl R 3s 65°24'24"N 22°20'37"E (26(757)99 Norrkoping)	15/03	44410	4Ed. 2/8/97 LAST NM 14/03 Add Pilot station symbol "Veere" [T1.2] 58°32.0'N 22°02.0'E Pilot station symbol "Roomassare" [T1.2] 58°08.0'N 22°25.0'E (11(116)96 Tallinn)	15/03
44285	1Ed. 4/14/90 LAST NM 2/03 Change Buoy to R, spar, can topmark 65°41'51"N 23°37'45"E Buoy to G, spar, cone topmark 65°43'42"N 23°36'47"E Buoy to YB, spar, double cone topmark points downward 65°44'16"N 23°35'47"E (40(1070)99 Norrkoping)	15/03	51061	14Ed. 9/4/93 LAST NM 7/03 Change Light to Fl R 4s 14m 6M 39°05.3'N 28°00.6'W Characteristic of light to L Fl 5s 39°01.1'N 28°00.1'W (15(201), 16(232)99 Lisboa; Por LL)	15/03
51062	28Ed. 4/20/96 LAST NM 38/97 (Plan C) Change Light to Fl R 4s 14m 6M 39°05'19"N 28°00'31"W (Plan D) Change Light to Fl R 4s 14m 6M 39°05'19.3"N 28°00'30.9'W (16(232)99 Lisboa; Por LL)	15/03	51081	10Ed. 10/5/96 LAST NM 13/03 Relocate Light from 37°44.3'N 25°34.3'W to 37°44.6'N 25°34.5'W (15(200)99 Lisboa)	15/03
51082	7Ed. 5/11/96 LAST NM 13/03 Relocate Light from 37°44'23"N 25°34'15"W to 37°44'33"N 25°34'28"W (15(200)99 Lisboa)	15/03	51142	2Ed. 7/12/97 LAST NM 13/03 Add Beacon "BA6" Y, "X" topmark, Fl Y 6s 3M 38°42'20"N 9°03'05"W (See 13/98-51142) (17(234)00 Lisboa)	15/03

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51144	3Ed. 12/15/01 LAST NM 1/03 Delete Legend "Ro Ro"	15/03 38°41'52.0"N 9°10'35.0"W	53202	6Ed. 7/31/99 LAST NM 43/99 Add Platform (lighted) "MEDUSA" [L2] Fl Y 4s (17(14)02 Genova)	15/03 37°02'26.4"N 15°18'39.0"E
51150	(INT 1811) 1Ed. 3/24/90 LAST NM 13/03 Change Light to L Fl 5s 32m 16M (15(336)01 Lisboa)	15/03 37°06.4"N 8°31.2"W	53265	6Ed. 5/18/96 LAST NM 52/02 Change Light to 2 FR (vert.) 10m 3M (Plan A) (17(8)02 Genova; BA LL)	15/03 39°11'40.0"N 8°23'22.8"E
51154	3Ed. 12/30/95 LAST NM 13/03 Change Light to L Fl 5s 32m 16M (15(336)01 Lisboa)	15/03 37°06'20.7"N 8°31'10.0"W	53279	3Ed. 9/24/94 LAST NM 7/03 Delete Buoy (17(7)02 Genova)	15/03 41°12'16.0"N 9°22'49.0"E
51155	1Ed. 7/7/84 LAST NM 1/03 Change Light to L Fl 5s 32m 16M (15(336)01 Lisboa)	15/03 37°06'18"N 8°31'06"W	53281	4Ed. 12/27/97 LAST NM 52/02 Add Wreck [K29] (15(3)02 Genova)	15/03 40°54'52"N 8°34'32"E
51160	20Ed. 9/22/90 LAST NM 7/03 Change Light to L Fl 5s 32m 16M (15(336)01 Lisboa)	15/03 37°06.8"N 8°31.2"W	53285	4Ed. 10/22/94 LAST NM 7/03 Delete Buoy (17(7)02 Genova)	15/03 41°12'16.0"N 9°22'49.0"E
51261	23Ed. 6/4/94 LAST NM 13/03 Relocate Superbuoy ODAS "CSA 94" from 32°43.1'N 16°43.4'W to	15/03 32°43.4"N 16°43.9"W	53287	(INT 3350) 6Ed. 9/30/95 LAST NM 10/03 Delete Buoy (17(7)02 Genova)	15/03 41°12'16"N 9°22'49"E
	Add Depth 18.1 meters Wk [K26]	32°41.1'N 17°07.4"W	54085	2Ed. 5/30/92 LAST NM 40/02 Add Buoy (wavemeter) Y, spherical, "X" topmark, Fl Y 20s (17(18)02 Genova)	15/03 41°32'43"N 16°02'36"E
	Add Depth 1.9 meters Obstn [K41]	32°44.2'N 16°43.8"W	54090	3Ed. 9/14/02 LAST NM 11/03 Add Wreck [K29] (17(17)02 Genova)	15/03 40°58.5'N 17°41.1'E
52180	14Ed. 7/31/99 LAST NM 13/03 Add Buoy (wavemeter) Y, spherical, "X" topmark, Fl Y 25s (16(7)02 Genova)	15/03 37°31.1'N 12°31.9'E	54095	3Ed. 9/14/02 LAST NM 8/03 Add Wreck [K29] (17(17)02 Genova)	15/03 40°58.5'N 17°41.1'E
53110	1Ed. 7/22/89 LAST NM 10/03 (Panel A) Add Wreck [K29]	15/03 40°54.9'N 8°34.5'E	54115	3Ed. 8/31/02 LAST NM 46/02 Add Platform (lighted) [L2] "CALIPSO" Submarine pipeline [L40.1] with legend "CAUTION NO 1" between (15(7)02 Genova)	15/03 43°49.6'N 13°51.8'E 43°49.6'N 13°51.8'E 44°02.8'N 13°48.3'E
	(Panel B) Add Wreck [K29] (15(3)02 Genova)	40°54.9'N 8°34.5'E	54120	5Ed. 9/19/92 LAST NM 41/02 Add Platform (lighted) [L2] "CALIPSO" Submarine pipeline [L40.1] with legend "CAUTION NO 1" between (15(7)02 Genova)	15/03 43°49.6'N 13°51.8'E 43°49.6'N 13°51.8'E 44°00.0'N 13°49.0'E
53162	7Ed. 9/14/02 LAST NM 50/02 (Panel B) Add "Marine Farm" area bound by dashed line joining	15/03 40°49'40.2"N 14°14'46.8"E 40°49'33.0"N 14°14'54.6"E 40°49'28.2"N 14°14'48.6"E 40°49'36.0"N 14°14'39.6"E	54125	3Ed. 8/17/02 LAST NM 46/02 Add Legend "(disused)" Buoy (wavemeter) Y, spherical, "X" topmark, Fl Y 20s (15(8), 17(19)02 Genova)	15/03 45°08.5'N 12°56.0'E 44°57.9'N 12°37.9'E
	Buoy Y, can, "X" topmark	40°49'40.2"N 14°14'46.8"E	54140	7Ed. 9/5/92 LAST NM 41/02 Add Platform (lighted) [L2] "CALIPSO" Submarine pipeline [L40.1] with legend "CAUTION NO 3" between (15(7), 17(19)02 Genova)	15/03 43°49.6'N 13°51.8'E 43°49.6'N 13°51.8'E 43°02.8'N 13°48.3'E
	Buoy Y, can, "X" topmark	40°49'33.0"N 14°14'54.6"E			
	Buoy Y, can, "X" topmark	40°49'36.0"N 14°14'39.6"E			
	Buoy Y, can, "X" topmark Fl Y 5s	40°49'28.2"N 14°14'48.6"E			
	(16(5)02 Genova)				
53180	10Ed. 1/21/95 LAST NM 13/03 Substitute Depth 18.5 meters for 23 meters	15/03 38°10.3'N 15°02.7'E			
	Add Light Fl G 4s 14m 8M	38°26.6'N 15°53.8'E			
	Add Light Fl R 4s 14m 8M	38°26.7'N 15°53.8'E			
	Add Light Dir F Fl WRG 3s 22m 13M	38°26.5'N 15°54.3'E			
	(15(6)02 Genova; Ital LL)				
53182	4Ed. 4/26/86 LAST NM 36/02 Add Buoy (wavemeter) Y, spherical, "X" topmark, Fl Y 4s (17(12)02 Genova)	15/03 38°12'45.6"N 15°18'16.2"E			
53200	6Ed. 12/18/93 LAST NM 7/03 Substitute Depth 18.5 meters for 23 meters (15(6)02 Genova)	15/03 38°10.2'N 15°02.7'E			

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NM 15/03

54279	4Ed. 9/21/02 LAST NM 2/03 Delete Light from buoy	15/03 39°52'00"N 20°00'24"E	57471	3Ed. 1/18/86 LAST NM 12/03 Add "Shellfish Beds (Buoyed)" area [K47] bound by purple dashed line joining	15/03 33°00'32.0"S 17°58'04.0"E 33°00'32.0"S 17°58'42.0"E 33°00'48.0"S 17°58'42.0"E 33°00'48.0"S 17°58'04.0"E
54280	10Ed. 10/20/84 LAST NM 5/03 Change Height of light (Fl 4s) to 16m (BA LL)	15/03 38°08.8'N 20°47.3"E	57480	8Ed. 9/21/96 LAST NM 12/03 Add Submarine cable [L30.1] joining	15/03 33°12.4"S 16°44.0"E 33°42.5"S 18°25.9"E 33°42.7"S 18°22.5"E 33°50.2"S 17°41.6"E 33°50.9"S 17°21.0"E 33°52.0"S 17°18.7"E
54284	1Ed. 8/6/94 LAST NM 51/02 Change Light to Fl G 3s 7m 3M (122)01 Athens; BA LL)	15/03 38°10'48"N 24°12'18"E	57484	19Ed. 5/31/97 LAST NM 46/01 Add Submarine cable [L30.1] joining	15/03 33°41'12.0"S 18°21'31.3"E 33°42'29.2"S 18°25'52.9"E 33°42'41.2"S 18°22'27.1"E 33°43'59.8"S 18°15'20.0"E
54287	7Ed. 7/20/96 LAST NM 5/03 Change Light to QG 7m 3M (BA LL)	15/03 38°08'54"N 20°46'54"E 38°08'58"N 20°47'13"E	61000	20Ed. 10/7/95 LAST NM 10/03 Add Wreck [K29] (PA) (875)02 Cape Town)	15/03 34°08.4'S 22°10.2"E
55001 (INT 310)	4Ed. 1/21/95 LAST NM 14/03 Change Visibility (range) of light to 18M (27137)02 Istanbul)	15/03 42°06.0'N 34°56.8"E	61050	4Ed. 5/18/96 LAST NM 10/03 Add Wreck [K29] (PA) (875)02 Cape Town)	15/03 34°08.4'S 22°10.2"E
55102	3Ed. 8/10/96 LAST NM 5/03 Add Position circle "TR (44m) (R Lt) (conspic)"	15/03 46°36'05"N 31°33'01"E	61051	7Ed. 3/28/98 LAST NM 34/00 Add Wreck [K29] (PA)	15/03 34°08'23"S 22°10'13"E
	Light Fl G 3s to buoy "5" Buoy "6" R, spar, can topmark (477395, 7396), 49(7690)02 St. Petersburg)	46°35'32"N 31°28'52"E 46°35'17"N 31°50'06"E		"Entry Prohibited" area [N2.2] bound by purple composite-line circle, radius 500 meters, centered at buoy	34°08'39"S 22°07'46"E
55103	2Ed. 4/6/96 LAST NM 7/03 Add Depth 10.6 meters Obstn [K41]	15/03 44°37'06.1"N 33°30'48.6"E Depth 3.2 meters 44°37'40.6"N 33°31'25.1"E Depth 4.9 meters Rk [K14.1] 44°37'34.0"N 33°31'29.0"E Depth 6.3 meters Rk [K14.1] 44°37'32.9"N 33°31'31.0"E Depth 7.6 meters Rks [K14.2] 44°37'10.7"N 33°31'38.0"E Depth 15.8 meters Rk [K14.1] 44°37'14.0"N 33°31'40.0"E Depth 17 meters Obstn [K41] 44°37'05.3"N 33°32'22.4"E Depth 15.6 meters Obstn [K41] 44°37'08.7"N 33°32'28.1"E Depth 15.6 meters Wk [K26] 44°37'13.3"N 33°32'35.6"E Depth 14.8 meters Obstn [K41] 44°37'07.6"N 33°32'51.8"E Depth 5.9 meters Obstn [K41] 44°37'02.6"N 33°32'55.8"E Depth 12.6 meters Obstn [K41] 44°37'25.9"N 33°33'31.6"E Depth 0.3 meter Rk [K14.1] 44°37'14.6"N 33°34'34.9"E Depth 7.7 meters Obstn [K41] 44°36'46.3"N 33°34'26.8"E Depth 6.9 meters Obstn [K41] 44°36'48.1"N 33°34'21.5"E Depth 5.1 meters Obstn [K41] 44°36'58.4"N 33°33'46.8"E Depth 8 meters Obstn [K41] 44°37'24.4"N 33°33'11.0"E (497692-7694)02 St. Petersburg)	Plan A Relocate Legend "ANCHORING PROHIBITED" from 34°08'28"S 22°07'41"E to 34°08'15.0"S 22°08'24.0"E Legend "See Caution" from 34°08'44"S 22°07'38"E to 34°08'21.0"S 22°08'27.0"E		
55105	7Ed. 2/6/99 LAST NM 14/03 Change Light to Fl(2) WR 14/9M	15/03 44°40.2'N 37°38.4"E	Add "ENTRY PROHIBITED" area [N2.2] bound by purple composite-line circle, radius 500 meters, centered at buoy	34°08'38.8"S 22°07'45.5"E	
	Visibility (range) of light to 18M (27137)02 Istanbul; 47(7397)02 St. Petersburg)	42°05.9'N 34°56.7"E	Submarine pipeline [L40.1] with legend "Oil (See Note)" joining	34°08'45.9"S 22°06'40.4"E 34°08'45.7"S 22°07'08.5"E 34°08'45.5"S 22°07'16.3"E 34°08'44.8"S 22°07'24.0"E 34°08'43.2"S 22°07'31.6"E 34°08'40.9"S 22°07'38.9"E 34°08'38.7"S 22°07'43.8"E	(768), 8(75,76)02 Cape Town)
55129	7Ed. 6/15/96 LAST NM 6/03 Change Light to Fl(2) WR 6s 38m 14/9M with sectors white shore-320°, red-048°, white-shore	15/03 44°40'12"N 37°38'16"E (477397)02 St. Petersburg)	61061	9Ed. 10/12/96 LAST NM 12/03 Plan A Change Characteristic of light to FR (769)02 Cape Town)	15/03 33°57'41.8"S 25°38'12.2"E
55150	2Ed. 6/15/96 LAST NM 37/02 Change Visibility (range) of light to 18M (27137)02 Istanbul)	15/03 42°06.0'N 34°56.8"E	62191	15Ed. 2/1/03 LAST NM 11/03 Delete Depth 74 meters	15/03 27°52'45"N 33°41'30"E
55180	2Ed. 10/12/96 LAST NM 1/03 Change Light to Fl(2) WR 6s 38m 14/9M (477397)02 St. Petersburg)	15/03 44°40.2'N 37°38.4"E	Add Platform with light flare symbol [L10] Platform with light flare symbol [L10]	27°51'23"N 33°42'45"E 27°52'31"N 33°41'16"E	
57381	12Ed. 7/12/97 LAST NM 52/02 Plan Change Buoy "23" to Y, spar, QY (1093)02 Cape Town)	15/03 22°56'31.7"S 14°30'06.0"E	Submarine pipeline [L40.1] with legend "Oil" between 27°51'23"N 33°42'45"E 27°52'31"N 33°41'16"E	(91030)03 Taunton)	
63090	8Ed. 1/16/93 LAST NM 31/02 Delete Dangerous wreck and legend "Wks" (17348)02 Dehra Dun)	15/03 18°49.4'N 72°43.2"E 18°52.0'N 72°47.4"E			

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63101	15Ed. 3/5/94 LAST NM 19/02 Delete Dangerous wreck Dangerous wreck Dangerous wreck Stranded wreck Danger circle "Foul" (PA) Danger circle "Foul" (17(348)02 Dehra Dun)	15/03 18°49'26"N 72°43'12"E 18°51'58"N 72°47'21"E 18°51'02"N 72°53'22"E 18°52'06"N 72°47'16"E 18°53'02"N 72°54'27"E 18°52'22"N 72°49'02"E 18°56'57"N 72°55'12"E 18°55'36"N 72°47'00"E 18°52'31"N 72°47'27"E 18°52'54"N 72°50'15"E 18°54'04"N 72°50'45"E (17(348)02 Dehra Dun)	71265 3Ed. 6/8/02 LAST NM 13/03 Change Light to Fl 5s 10M (5(46)01 Singapore)	15/03 1°24'30"N 103°59'30"E
63102	19Ed. 10/30/93 LAST NM 26/02 Delete Dangerous wreck Dangerous wreck Stranded wreck Danger circle "Foul" (PA) Danger circle "Foul" Dangerous wreck and legend "uncovers" (17(348)02 Dehra Dun)	15/03 18°49'26"N 72°43'12"E 18°51'58"N 72°47'21"E 18°52'06"N 72°47'16"E 18°53'02"N 72°54'27"E 18°52'22"N 72°49'02"E 18°56'58"N 72°55'12"E 18°55'36"N 72°47'00"E 18°52'31"N 72°47'27"E 18°52'54"N 72°50'15"E 18°54'04"N 72°50'51"E 18°51'02"N 72°53'22"E (17(348)02 Dehra Dun)	★72085 3Ed. 1/18/03 NEW EDITION Change Visibility (range) of light to 15M (Previously published 9/03) (NIMA)	15/03 4°22.9'S 115°50.0'E
93520	13Ed. 6/17/89 LAST NM 45/02 Add Stranded wreck [K24] (11(175)02 Tianjin)	15/03 16°04'09"N 111°46'12"E		
93710	3Ed. 3/30/96 LAST NM 6/03 Add "ANCH AREA" [N12.1] bound by purple dashed-line circle, radius 1.5 miles, centered "ANCH AREA" [N12.1] bound by purple dashed-line circle, radius 3 miles, centered (11(183)02 Tianjin)	15/03 20°57'01"N 111°00'00"E 20°57'01"N 111°10'00"E (11(183)02 Tianjin)		
93720	10Ed. 8/12/95 LAST NM 8/03 Add "ANCH AREA" [N12.1] bound by purple dashed-line circle, radius 3 miles, centered (11(183)02 Tianjin)	15/03 20°57.0'N 111°10.0'E (11(183)02 Tianjin)		
94060	10Ed. 5/18/96 LAST NM 12/03 Add Light Fl 4s 19m 10M (7(93)02 Tianjin; Cna LL)	15/03 24°32.4'N 118°33.1'E		
94123	9Ed. 5/11/96 LAST NM 10/03 Substitute Depth 15 meters Wk [K26] (PA) for danger circle "Foul" (8(930)03 Taunton)	15/03 25°10'27"N 121°44'11"E (8(930)03 Taunton)		
94124	13Ed. 3/30/96 LAST NM 10/03 Substitute Depth 15 meters Wk [K26] (PA) for danger circle "Foul" (8(930)03 Taunton)	15/03 25°10'26.6"N 121°44'10.5"E (8(930)03 Taunton)		
94280	5Ed. 12/16/95 LAST NM 51/02 Relocate Superbuoy LANBY "1" from 34°47'11"N 119°37'38"E to 34°48'59"N 119°41'51"E Add "Anchorage Area" [N12.1] bound by existing harbor limit and purple dashed-line lesser arc of a circle, radius 3 miles, centered 35°00'06"N 119°51'18"E 34°59'00"N 119°47'56"E 34°59'03"N 119°54'40"E "ANCH AREA" [N12.1] bound by purple dashed-line circle, radius 1 mile, centered 34°46'38"N 119°41'45"E "ANCH AREA" [N12.1] bound by purple dashed-line circle, radius 1.5 miles, centered 34°48'33"N 119°47'27"E "ANCH AREA" [N12.1] bound by purple dashed-line circle, radius 1.5 miles, centered 34°53'33"N 119°46'19"E (11(177, 178), 51(958)02 Tianjin)	15/03 34°48'59"N 119°41'51"E 35°00'06"N 119°51'18"E 34°59'00"N 119°47'56"E 34°59'03"N 119°54'40"E "ANCH AREA" [N12.1] bound by purple dashed-line circle, radius 1 mile, centered 34°46'38"N 119°41'45"E "ANCH AREA" [N12.1] bound by purple dashed-line circle, radius 1.5 miles, centered 34°48'33"N 119°47'27"E "ANCH AREA" [N12.1] bound by purple dashed-line circle, radius 1.5 miles, centered 34°53'33"N 119°46'19"E (11(177, 178), 51(958)02 Tianjin)		
★71243	5Ed. 2/1/03 NEW EDITION Add Buoy "1" G, pillar, cone topmark, Fl G 3s [Q130.1] 1°10'00"N 104°09'14"E Buoy "2" R, pillar, can topmark, Fl R 2s [Q130.1] 1°09'58"N 104°09'13"E (Previously published 13/03) (NIMA)	15/03 1°24'30.0"N 103°59'29.5"E		
71251	11Ed. 12/16/00 LAST NM 1/03 (Panel A) Change Light to Fl 5s 27m 10M and delete sector limits	15/03 1°24'30.0"N 103°59'29.5"E	94361 13Ed. 5/11/96 LAST NM 13/03 Relocate Buoy from 39°50'01.0"N 119°39'26.4"E to 39°49'43.9"N 119°39'36.3"E and add designation "1" Buoy from 39°50'04.5"N 119°39'37.2"E to 39°49'46.0"N 119°39'44.9"E and add designation "2" Buoy "3" from 39°51'06.5"N 119°38'59.7"E to 39°50'31.3"N 119°39'14.5"E Buoy "4" from 39°51'08.5"N 119°39'08.0"E to 39°50'33.3"N 119°39'22.7"E	15/03 39°49'43.9"N 119°39'36.3"E 39°49'46.0"N 119°39'44.9"E 39°50'31.3"N 119°39'14.5"E 39°50'33.3"N 119°39'22.7"E
★71259	3Ed. 1/18/03 NEW EDITION Add Buoy "1" G, pillar, cone topmark, Fl G 3s [Q130.1] 1°10'00"N 104°09'14"E Buoy "2" R, pillar, can topmark, Fl R 2s [Q130.1] 1°09'58"N 104°09'13"E (Previously published 13/03) (NIMA)	15/03 1°24'30.0"N 103°59'29.5"E		(continued on next page)

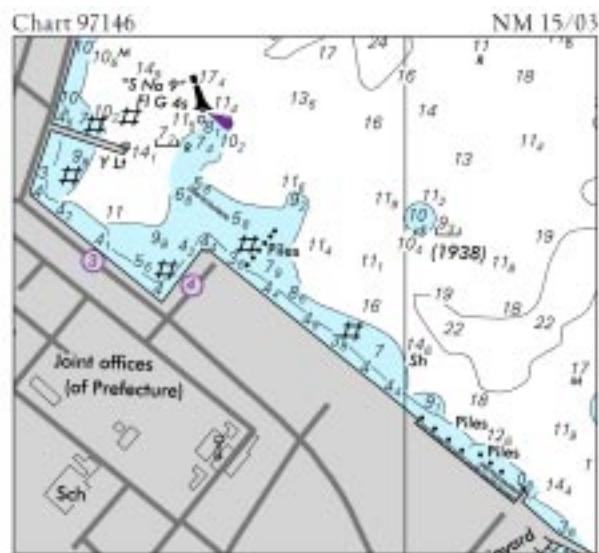
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94361	(Continued)		
Add	Buoy "403" R, pillar, can topmark, Fl R 4s	39°48'03.4"N 119°45'19.5"E	
	Buoy "404" G, pillar, cone topmark, Fl G 4s	39°48'08.3"N 119°45'30.4"E	
	(12(215)02 Tianjin; Cna LL)		
97146	10Ed. 2/23/02 LAST NM 44/02	15/03	
Add	Chartlet, depicting changes in hydrography and topography, from Subsection I-2	35°16'43.0"N 139°40'54.0"E	
	(51(1776)02 Tokyo)		
97228	15Ed. 1/24/98 LAST NM 9/03	15/03	
Add	Chartlet A, depicting changes in hydrography and topography, from Subsection I-2	34°39'03.0"N 135°24'03.0"E	
	Chartlet B, depicting changes in hydrography and topography, from Subsection I-2	34°38'21.0"N 135°26'54.0"E	
	(See 41/99-97228)		
	(49(1832)01, 7(198), 34(1162, 1169), 49(1708)02 Tokyo; Jpn CH W123)		
97233	11Ed. 11/27/93 LAST NM 9/03	15/03	
Change	Designation of buoy "(No 8)" to "(No 10)"	34°04'53"N 133°02'27"E	
	Designation of buoy "(No 7)" to "(No 9)"	34°05'42"N 133°02'20"E	
	Designation of buoy "(No 5)" to "(No 7)"	34°08'05"N 133°00'23"E	
	(8(271)03 Tokyo)		
97262	10Ed. 1/24/98 LAST NM 7/03	15/03	
Change	Designation of buoy "8" to "10"	34°05'04.0"N 133°02'17.0"E	
	Designation of buoy "7" to "9"	34°05'53.0"N 133°02'10.0"E	
	Designation of buoy "5" to "7"	34°08'16.0"N 133°00'13.0"E	
Add	Buoy "5" G, pillar, can topmark, Fl G 3s	34°09'16.0"N 132°58'18.0"E	
	(8(271)03 Tokyo; Jpn CH W104)		
97263	10Ed. 1/24/98 LAST NM 9/03	15/03	
Change	Designation of buoy "8" to "10"	34°05'04.0"N 133°02'17.0"E	
	Designation of buoy "7" to "9"	34°05'53.0"N 133°02'10.0"E	
	Designation of buoy "5" to "7"	34°08'16.0"N 133°00'13.0"E	
Add	Buoy "5" G, pillar, can topmark, Fl G 3s	34°09'16.0"N 132°58'18.0"E	
	(8(271)03 Tokyo; Jpn CH W104)		
97266	5Ed. 7/5/97 LAST NM 14/03	15/03	
Change	Designation of buoy "8" to "10"	34°05'04"N 133°02'17"E	
	Designation of buoy "7" to "9"	34°05'53"N 133°02'10"E	
	Designation of buoy "5" to "7"	34°08'16"N 133°00'13"E	
	(8(271)03 Tokyo)		
97273	10Ed. 5/21/94 LAST NM 14/03	15/03	
Change	Light to Fl R 5s 7M	33°52'19"N 131°00'19"E	
	(8(272)03 Tokyo)		
97274	19Ed. 6/27/98 LAST NM 9/03	15/03	
Change	Light to Fl R 5s 14m 7M	33°52'30"N 131°00'10"E	
	(8(272)03 Tokyo)		
97443	6Ed. 12/21/96 LAST NM 20/01	15/03	
	(Plan)		
Add	Double dashed line with land tint (detached breakwater under construction) between	28°08'42.6"N 129°18'27.7"E	
		28°08'39.9"N 129°18'35.7"E	
	(3(97)99 Tokyo)		

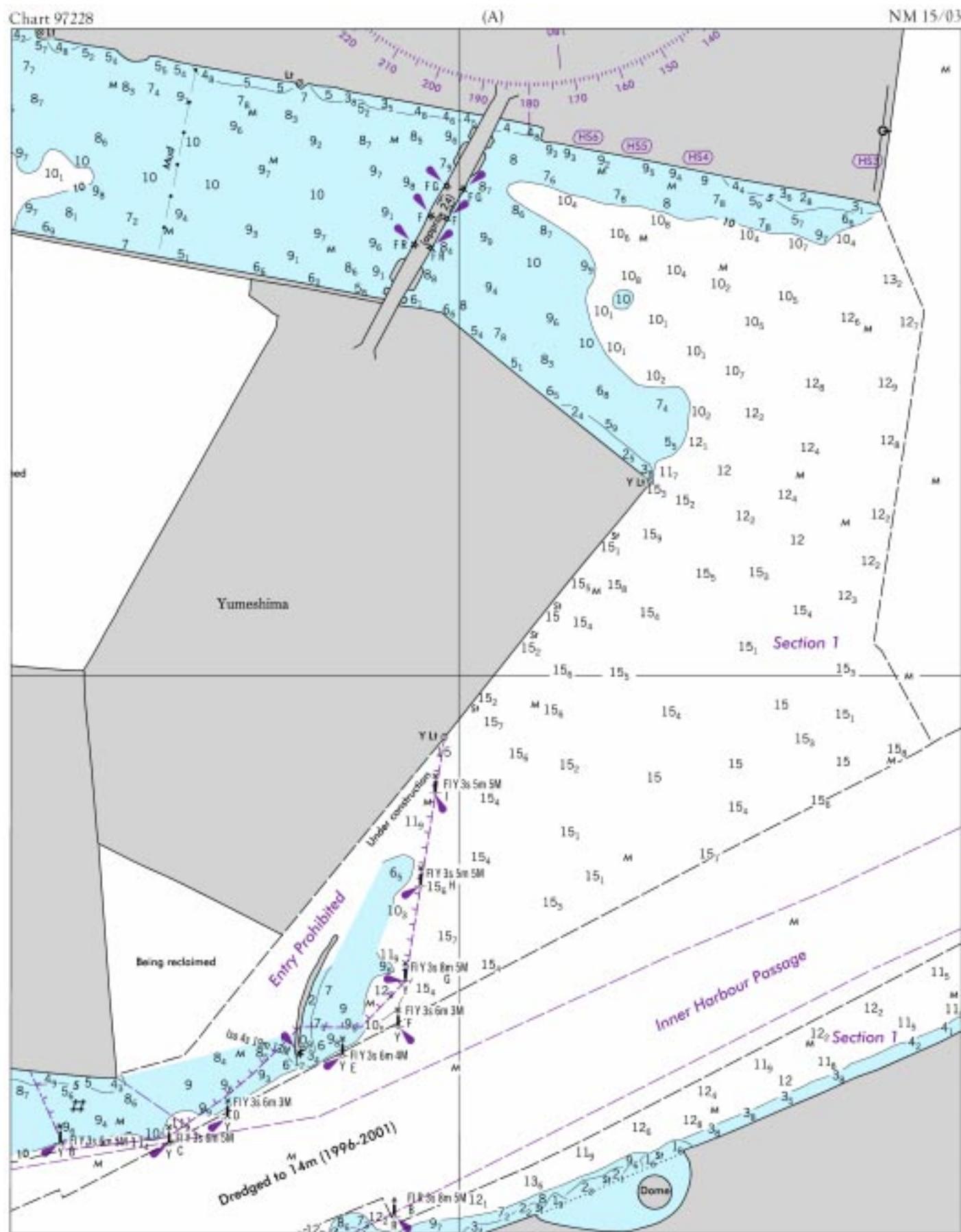
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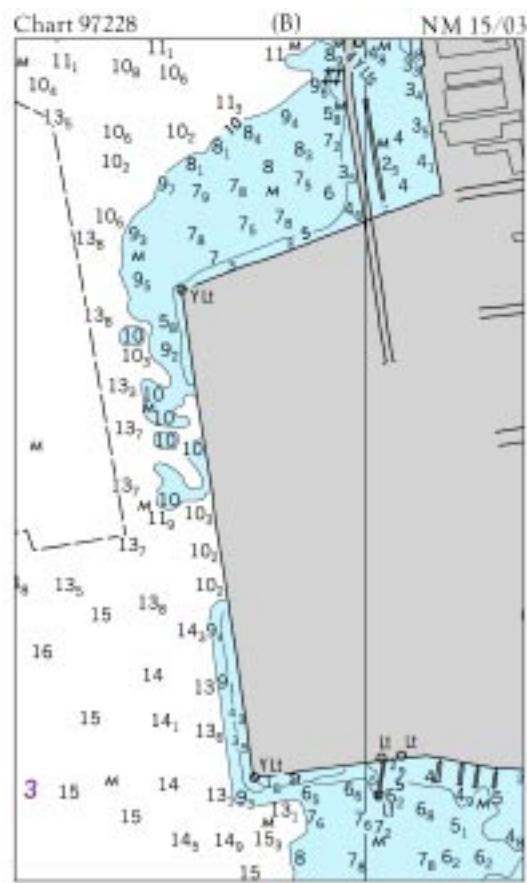
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SECTION I

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Chart 11512

NM 15/03

SAVANNAH RIVER CHANNEL DEPTHS						
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JAN 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	WIDTH (FEET) LENGTH (NAUT. MILES) DEPTH MLLW (FEET)
TYBEE RANGE	43.0	42.0	44.0	43.0	12-02	600 3.3 44
BLOODY POINT RANGE	42.5	43.0	44.0	43.0	12-02	600 3.0 44
JONES ISLAND RANGE	44.0	42.0	43.0	43.0	12-02	600 1.2 44
TYBEE KNOLL CUT RANGE	41.0	43.0	43.0	43.0	12-02	500 2.5 42
NEW CHANNEL RANGE (A)	37.0	42.0	42.5	43.0	01-03	500 1.6 42
L. I. CROSSING RANGE	40.0	43.0	42.5	40.5	01-03	500 2.6 42
LOWER FLATS RANGE	41.5	46.0	44.0	43.0	01-03	500 1.3 42
UPPER FLATS RANGE	44.0	47.0	45.0	42.0	01-03	500 1.2 42
THE BIGHT CHANNEL	42.0	48.0	47.0	46.0	01-03	500 1.5 42
FT. JACKSON RANGE	45.0	44.0	47.0	42.0	01-03	500 0.7 42
OGLETHORPE RANGE	40.0	47.0	44.5	43.5	01-03	500 1.2 42
WRECKS CHANNEL (B)	41.0	48.0	47.0	46.0	01-03	500 1.5 42
CITY FRONT CHANNEL	44.0	42.0	43.5	40.0	01-03	500 1.5 42
MARSH ISLAND CHANNEL (C)	42.0	44.0	42.5	41.5	01-03	500 1.7 42
KINGS ISLAND CHANNEL (D)	35.0	37.0	37.5	37.0	01-03	500 2.1 42
WHITEHALL CHANNEL (E)	39.0	37.0	35.0	36.5	01-03	400 0.6 42-36
PORT WENTWORTH CHANNEL (F)	30.0	33.0	32.0	32.0	12-94; 01-03	200 1.2 30
A. OYSTER BED TURNING BASIN-CONTROLLING DEPTH 42.0 FT, 40.0 FT 100 FT FROM BACKSIDE. B. FIG ISLAND TURNING BASIN-CONTROLLING DEPTH 40.0 FT, 39.0 FT 100 FT FROM BACKSIDE. C. MARSH ISLAND TURNING BASIN-CONTROLLING DEPTH 35.0 FT, 36.0 FT 100 FT FROM BACKSIDE. D. KINGS ISLAND TURNING BASIN-CONTROLLING DEPTH 32.0 FT, 27.0 FT 100 FT FROM BACKSIDE. E. ARGYLE ISLAND TURNING BASIN-CONTROLLING DEPTH 36.0 FT 100 FT FROM BACKSIDE. F. PORT WENTWORTH TURNING BASIN-CONTROLLING DEPTH 34.0 FT, 34.5 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 15/03

SAVANNAH RIVER CHANNEL DEPTHS						
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JAN 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	WIDTH (FEET) LENGTH (NAUT. MILES) DEPTH MLLW (FEET)
OGLETHORPE RANGE	40.0	47.0	44.5	43.5	01-03	500 1.2 42
WRECKS CHANNEL (A)	41.0	48.0	47.0	46.0	01-03	500 1.5 42
CITY FRONT CHANNEL	44.0	42.0	43.5	40.0	01-03	500 1.5 42
MARSH ISLAND CHANNEL (B)	42.0	44.0	42.5	41.5	01-03	500 1.7 42
KINGS ISLAND CHANNEL (C)	35.0	37.0	37.5	37.0	01-03	500 2.1 42
WHITEHALL CHANNEL (D)	39.0	37.0	35.0	36.5	01-03	400 0.6 42-36
PORT WENTWORTH CHANNEL (E)	30.0	33.0	32.0	32.0	12-94; 01-03	200 1.2 30
A. FIG ISLAND TURNING BASIN-CONTROLLING DEPTH 40.0, 39.0 FT 100 FT FROM BACKSIDE. B. MARSH ISLAND TURNING BASIN-CONTROLLING DEPTH 35.0 FT, 36.0 FT 100 FT FROM BACKSIDE. C. KINGS ISLAND TURNING BASIN-CONTROLLING DEPTH 32.0 FT, 27.0 FT 100 FT FROM BACKSIDE. D. ARGYLE ISLAND TURNING BASIN-CONTROLLING DEPTH 36.0 FT 100 FT FROM BACKSIDE. E. PORT WENTWORTH TURNING BASIN-CONTROLLING DEPTH 34.0 FT, 34.5 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**CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/02 THROUGH NM 15/03**

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.		
97163	14	23/02;14/03	97320	6	33/02;14/03		
97164	1	7,14/03	97340	8	27,33,38,52/02		
97165	1	7/03	97341	9	27,34/02		
97166	1	33/02	97342	14	27,38/02		
97167	2	23,33/02	97343	12	27,38/02		
97180	6	22,31,34,39,43,45,46, 48/02;4,8,13/03	97360	6	20,23,27,38/02;5,7,13/03		
97181	20	18,22,25,31,34,46,48/02; 1,4,7,8,12,13,14/03	97380	7	21,39,47,52/02;1,2,8/03		
97182	13	18,21,23,31,34,39,46, 48/02;1,4,5,6,7,8,12, 14/03	97381	7	27/02;7,13/03		
97183	9	25,44/02;5,9,14/03	97382	2	41,45/02;4/03		
97184	15	25,28,47/02;1,7,12,14/03	97383	16	31/02;5,7,13/03		
97185	2	43/02;1,7/03	97384	4	47/02		
97187	3	44,48/02;9/03	97385	10	31,52/02;5,6,7,9/03		
97188	2	1,7,13/03	97387	2	4,5,7/03		
97189	2	25,28,44/02;9,14/03	97389	1	39/02		
97190	2	22,34,39,52/02;8,13/03	97390	5	31,39,40/02;2,5,12/03		
97200	9	52/02;8/03	97391	26	31/02;6,7,12/03		
97202	15	43,44,52/02	97392	5	21/02;1/03		
97204	9	28,29,45,52/02;4,6,10/03	97396	14	18,21,36,39,40/02;2/03		
97218	3	21,41/02;6/03	97397	7	18,25,39,49/02		
97219	4	21,25,31/02;6,9,13/03	97398	3	21,25,49/02		
97220	3	21,24,31,37,39,42,43, 44/02;6,8,9/03	97400	3	25,26/02;1,12/03		
97221	20	21,24,31,37,39,42,44,45, 49,52/02;6,8,9,10,13/03	97410	8	21/02		
97222	12	25,28,47/02;10/03	97412	7	40/02		
97223	3	42,44,48/02	97420	17	21,34,39,42,47,52/02;1,8, 10/03		
97224	6	18,25,27,46,47,49/02	97421	13	20,35,36/02;1,10,13/03		
97225	31	21,24,37,39,42,44,45/02; 6,8,9,10/03	97423	2	20,35,36/02;1,13/03		
97226	7	17/02	97425	6	34,39,47,52/02;1,6,8, 10/03		
97227	11	21,24,42,43/02;9/03	97440	8	20,23,27,52/02;1/03		
97228	15	21,28,30,39,40,42,43/02; 5,6,9,15/03	97441	5	20,46/02		
97229	12	18,24,27,31,36,39,47/02; 6,8,9/03	97443	6	15/03		
97230	18	29,36,52/02;6,9/03	97460	7	40/02;5/03		
97231	11	21,41/02;6/03	97461	9	21/02;5,8/03		
97232	8	15,20,25/02	97465	9	21/02;1,6,8/03		
97233	11	31,33,43,44,49/02;1,5,6, 9,15/03	97466	2	25,46/02;1/03		
97234	17	29,43,47,49/02;1,6,8, 9/03	97469	10	26/02;1,6,8/03		
97236	20	31,47/02;9/03	97471	5	N31/02		
97239	10	31,33/02;1,5,9/03	97472	8	34/02		
97241	6	10/03	97474	7	21/02		
97243	8	21,28,29,31,33,48/02;1,5, 6/03	97480	7	21,35,52/02;3,9,10/03		
97244	5	9/03	97481	6	47,49/02;9/03		
97245	11	17,28,36/02;1,5,9/03	97483	7	48,52/02		
97246	7	43,52/02;5/03	97521	6	19,42/02		
97251	4	6,10/03	800669	8	N20/02		
97261	15	17,18,41/02;1,5,7/03	800744	1	N22,N49/02;N5,N12, N13/03		
97262	10	21,29,34/02;1,5,6,7, 15/03	802260	5	N20/02		
97263	10	5,7,9,15/03	803404	2	N26/02		
97266	5	17,37,41/02;1,5,6,7,14, 15/03	804037	1	N28/02		
97267	16	17,18,25,29,40,41/02;1,5, 6,8,10,13/03	804059	2	N20/02		
97268	10	6/03	804567	4	N17/02		
97269	11	20,45/02;8,13/03	805118	3	N12/03		
97270	6	36,44/02;1,5/03	805647	2	N37,N51/02		
97271	12	17,18,25,29,37,39/02;6, 10,12/03	807861	2	N27/02		
97272	11	19,52/02;6,10,12,14/03	808365	2	N14/03		
97273	10	19,27,34,42,45,49/02;6,8, 9,13,14,15/03	808528	1	N25/02		
97274	19	19,27,31,34,39,45/02;6,9, 15/03	809310	9	N18,N39/02		
97276	1	27,29,40/02;9/03	809679	2	N25,N50/02;N12/03		
97277	11	17,27/02;1,5,6,8,9,14/03					
97278	11	39/02;1/03					
97279	9	27/02;9/03					
97280	4	52/02					
97281	2	41/02					
97283	3	45/02;9/03					
97285	6	19,23,27,31,34,42/02;7, 13/03					
97286	6	21,23,25,27,31,34,35,36, 41,42/02;6,8,10,13/03					
97287	5	34/02					
97300	6	1,13/03					
97303	3	18,25,47,48/02					

SECTION II

NM 15/03

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								
14XHA14973 (7642014010714)	<u>Apostle Islands</u> Insets: <u>Bayfield, WI</u> <u>Pikes Bay, WI</u> <u>La Pointe Harbor, WI</u> (Insets not shown on index) (New edition due to various general changes)	60,000 10,000 10,000 10,000	27	<u>2/03</u>	NOS	1-40,96	15/03	
18AHA18651 (7642014011524)	San Francisco Bay (Southern Part) Insets: Redwood Creek Oyster Point (Insets not shown on index) (New edition due to numerous Notice to Mariners corrections)	40,000 20,000 20,000	42	<u>2/03</u>	NOS	1-98	15/03	
18BHA18661 (7642014011589)	Sacramento and San Joaquin Rivers Side A: Sacramento and San Joaquin Rivers Inset: Union Island to Stockton Side B: Antioch to Stockton Inset: Sherman Island (Insets not shown on index) (New edition due to numerous general changes)	40,000 80,000 40,000 20,000	27	<u>2/03</u>	NOS	1-86,98	15/03	
REGION 2								
22XHA22283 (7642014476567)	<u>Chile 4111, Chile-Bahias Coquimbo Y Herradura De Guayacan</u>	15,000	3	3/89	DS	2-18	15/03	
22XHA22284 (7642014476570)	<u>Chile 4113, Chile-Bahia Tongoy</u>	25,000	7	3/85	DS	2-18	15/03	
22XCO22331 (7642014476604)	<u>Chile 7400, Chile-Islas Desertores A Islas Guaitecas</u>	200,000	2	2/88	DS	2-20	15/03	
22XCO22343 (7642014476600)	<u>Chile 7300, Chile-Puerto Montt A Isla Tac</u>	150,000	1	8/61	DS	2-20	15/03	
22XCO22361 (7642014476608)	<u>Chile 8200, Chile-Moraleda A Puerto Lagun</u>	250,000	2	7/84	DS	2-20	15/03	
22XCO22373 (7642014476610)	<u>Chile 8600, Chile-Pto. Lagunas A. Pta. Pescadores Y Seno Aysen</u> Plans: A. <u>Canal Pilcomayo</u> B. <u>Pto. Perez</u>	150,000 70,000 45,000	1	8/50	DS	2-20	15/03	
22XCO22375 (7642014476613)	<u>Chile 8800, Chile-Bahia Anna Pink A Canal Messier</u>	300,000		1/49	DS	2-20	15/03	
22XCO22377 (7642014476620)	<u>Chile 8700, Chile-Bahias Darwin Y Anna Park</u>	150,000	1	8/86	DS	2-20	15/03	
22XHA22379 (7642014476623)	<u>Chile 8630, Chile-Canal Darwin</u>	50,000	1	1/85	DS	2-20	15/03	
22XCO22401 (7642014476628)	<u>Chile 10200, Chile-Canal Trinidad</u>	100,000	3	6/80	DS	2-22	15/03	
REGION 7								
71AHA71243 (7642014013510)	<u>Selat Riau and Vicinity</u>	100,000	5	<u>2/03</u>	A	7-4,30	15/03	
71ACO71259 (7642014014966)	Singapore Strait-Eastern Part	60,000	3	<u>1/03</u>	A	7-30	15/03	
72ACO72085 (7642014014834)	Makassar Strait-Southern Portion	500,000	3	<u>1/03</u>	A	7-30	15/03	
MISCELLANEOUS CHARTS AND PUBLICATIONS								

SECTION II

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				
DNCDX027 (7644014482142)	Arctic Ocean		<u>7</u>	<u>8/02</u>	DS	10-43	15/03	

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

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

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

NAVIGATION PUBLICATIONS

SAILING DIRECTIONS CORRECTIONS

PUB 140 2 Ed 2001 LAST NM 12/03

Page 159—Line 8/R to Page 160—Line 47/R; read:

Firing Areas**Petten** (Area No. 3 on chartlet)

Two firing practice areas are located in this vicinity, as follows:

1. Firing practice with artillery takes place from position 52°47.1'N, 4°40.3'E. The firing area consists of a danger sector between 254° and 327° or between 327° and 000°, measured from the battery, over a maximum distance of 9 miles.

When firing is in progress, two red flags will be hoisted as a warning signal, one near beach pole 19 and the other about 300m further N.

2. Firing practice with artillery takes place from one of four battery positions on a line joining the following positions:

- a. 52°47.7'N, 4°40.3'E.
- b. 52°47.8'N, 4°41.0'E.

The firing area consists of a danger sector between 225° and 345°, measured from the battery, over a maximum distance of 14 miles.

When firing is in progress, the Netherlands flag will be flown from a flagstaff on the radar tower (52°47.7'N., 4°40.5'E.) as a warning signal. Red flags will also be displayed on the dunes N and S of the battery and on the shore.

Zeegat van Texel (Area No. 3 on chartlet)

Anti-aircraft artillery firing takes place on the North Sea coast between Den Helder and Callantsoog, from the following firing ranges:

1. **Falga**.—A danger sector between 205° and 335°, with a radius of 15,000m, from position 52°55'12"N, 4°43'06"E.

2. **Botgat**.—A danger sector between 220° and 330°, with a radius of 15,000m, from the position 52°52'30"N, 4°42'48"E.

The two danger sectors above are included in one unsafe circular area centered at 52°55'12"N, 4°43'06"E, with a radius of 21,000m, and bounded by:

1. On the N side by the bearing 335°.
2. On the W side by the arc of the circle.
3. On the S side by the bearing 182°.
4. On the E side by the North Sea coast.

Dates and times of firings will be announced as early as possible in the Dutch Notice to Mariners.

At each of the firing ranges, warning signals will be given, as follows:

1. By day—A red flag from 1 hour before commencement of the exercises to their completion.
2. By night—Three lights, green, red, green, vertically disposed.

West of Haaksgronden (Area No. 4 on chartlet)

An anti-aircraft firing practice range bounded by 53°05'N and 53°13'N, and 3°45'E and 4°10'E.

Zeegat van Texel—W of Kaap Hoofd (Area No. 3 on chartlet)

Firing practice involving artillery and machine guns at air and sea targets takes place at the following areas:

1. A danger sector with a radius of 10 miles centered on 52°57.8'N, 4°44.3'E, between the bearings 265° and 337°.

2. A danger sector with a radius of 1.6 miles centered on 52°57.8'N, 4°44.3'E, between the bearings 260° and 010°.

A red flag is hoisted on a radar signal mast during firings; the flag is lowered upon completion of the exercises.

Ijsselmeer—Breezanddijk (Area No. 2 on chartlet)

Artillery firing takes place within the area bounded by a line joining the following positions:

- a. 53°01'04.2"N, 5°12'28.2"E.
- b. 52°53'42.2"N, 5°15'55.2"E.
- c. 52°53'25.2"N, 5°11'06.2"E.
- d. 52°48'36.2"N, 5°10'11.2"E.
- e. 52°48'44.2"N, 5°07'28.2"E.
- f. 52°50'50.2"N, 5°07'44.2"E.
- g. 52°55'57.2"N, 5°03'28.2"E.

The firing dates will be announced by NAVTEX.

Warnings are also transmitted, as follows:

1. West Terschelling—VHF channel 25.
2. Wieringerwerf—VHF channel 27.
3. Lelystad—VHF channel 83.

Vlieland—Viliehors (Area No. 1 on chartlet)

Firing practice from aircraft at ground targets takes place in a sector area centered at 53°14.4'N, 4°55.3'E, with a radius of 4 miles, between the bearings 275° and 355°.

This area is normally used during daylight hours only if the visibility is greater than 2 miles. When the red warning flag is hoisted, vessels should remain at least 2,000m outside the LW mark and not remain in the area any longer than necessary for direct passage. Range Control, call sign Vliehors Range Control, can be contacted on VHF channel 74.

Waddenzee—Southeast of Vlieland (Area No. 5 on chartlet)

Firing practice with armor-piercing and high explosive shells, and automatic firearms, takes place in an area bounded by a line joining the following positions:

- a. 53°14'57.3"N, 4°58'48.1"E.
- b. 53°10'12.3"N, 5°06'13.1"E.
- c. 53°07'36.3"N, 4°55'13.1"E.
- d. 53°10'39.3"N, 4°55'53.1"E.
- e. 53°11'02.1"N, 4°53'20.9"E.
- f. 53°14'32.1"N, 4°55'02.9"E.

Warning signals are shown, as follows:

1. One black ball—Firing will occur that day.

PUB 140 (Continued)

2. Two black balls—Firing will commence immediately.

Firing exercises are normally conducted Monday through Friday between September 1 and April 15. Flares may be observed during firing exercises conducted at night.

Within this sector aircraft may be conducting firing exercises in an area bounded by lines joining the following positions:

- a. 53°13.7'N, 4°55.9'E.
- b. 53°09.9'N, 5°01.4'E.
- c. 53°09.2'N, 5°00.0'E.
- d. 53°13.0'N, 4°54.6'E.

Exercises are conducted only during winter and summer, Monday through Friday, from 0800Z until 2300Z.

Lauwersmeer—Marnewaard (Area No. 6 on chartlet)

Firing practice takes place in an area bounded by a line joining the following positions:

- a. 53°24'34.6"N, 6°14'10.5"E.
- b. 53°24'42.6"N, 6°14'08.5"E.
- c. 53°25'25.2"N, 6°14'50.2"E.
- d. 53°25'59.0"N, 6°19'45.0"E.
- e. 53°25'08.9"N, 6°19'57.7"E.
- f. 53°24'18.8"N, 6°20'09.9"E.
- g. 53°24'01.0"N, 6°15'11.8"E.

Firing exercise may be held daily from 0800 until 2300. The above positions are each marked by a lighted beacon, showing lights, as follows:

1. Firing in progress—AIWR1s
2. No firing—FIY10s

North Sea—North of the Wadden Islands (Area No. 7 on chartlet)

Firing practice from aircraft at airborne targets takes place in an area bounded by a line joining the following positions:

- a. 53°59'57.4"N, 4°45'55.1"E.
- b. 53°59'57.4"N, 6°06'21.2"E.
- c. 53°51'03.4"N, 6°13'53.2"E.
- d. 53°37'35.3"N, 5°05'55.1"E.
- e. 53°35'57.4"N, 4°45'55.1"E.

These firing practices, which normally occur from sunrise to sunset, may constitute a danger for vessel traffic.

(Neth Annual Notice Nos. 34-42 of 2003) 15/03

Page 160—Graphic; replace with below:

New graphic titled **Firing and Exercise Areas** from back of this Subsection. Replaces graphic previously published in NM 47/02.

(Neth HP1) 15/03

Page 161—Lines 12/L to 20/R; read:

Mined Areas

Practice mines are laid off the Belgium and Netherlands coasts in a number of fixed Mine Exercise Areas, as follows:

NB1 (West Hinder)

Area enclosed by a line joining the following positions:

- a. 51°29'52.2"N, 2°44'55.1"E.

- b. 51°26'45.0"N, 2°44'55.1"E.
- c. 51°26'45.0"N, 2°35'31.1"E.
- d. 51°28'52.2"N, 2°35'31.1"E.

NB4 (Schouwenbank)

A circular area with a radius of 2 miles centered on position 51°49'27.1"N, 3°08'25.1"E.

NB6 (Westgat)

A circular area with a radius of 1.5 miles centered on position 51°39'57.1"N, 3°34'55.2"E.

NB7 (Everingen)

Area enclosed by a line joining the following positions:

- a. 51°24'21.1"N, 3°44'49.3"E.
- b. 51°23'39.1"N, 3°46'43.3"E.
- c. 51°23'03.0"N, 3°46'07.3"E.
- d. 51°23'45.0"N, 3°44'13.3"E.

NB8 (Molengat)

A circular area with a radius of 1.5 miles centered on position 53°05'57.2"N, 4°36'25.1"E.

NB9 (Goeree)

A circular area with a radius of 1 mile centered on position 51°54'27.1"N, 3°43'35.4"E.

NB10 (Wenduinebank)

Area enclosed by a line joining the following positions:

- a. 51°20'31.8"N, 2°55'25.2"E.
- b. 51°18'31.8"N, 2°55'07.2"E.
- c. 51°18'39.0"N, 2°53'31.2"E.
- d. 51°20'37.8"N, 2°53'50.4"E.

The above area is used only for mine hunting exercises.

NB12 (Callantsoog)

Area enclosed by a line joining the following positions:

- a. 52°53'57.2"N, 4°22'55.1"E
- b. 52°53'57.2"N, 4°39'55.1"E
- c. 52°49'57.2"N, 4°29'55.1"E
- d. 52°49'57.2"N, 4°22'55.1"E
- e. The coast of Vlieland at 53°17.7'N, 5°01.3'E.

(Neth Annual Notice No. 31 of 2003) 15/03

Page 161—Graphic; replace with below:

New graphic titled **Mine Exercise Areas** from back of this Subsection. Replaces graphic previously published in NM 47/02.

(Neth Annual Notice No. 31 of 2003) 15/03

Page 176—Line 3/R; read:

Enclosed by a line joining the following positions (this area lies outside the territorial waters of Poland):

(Pol Annual Notice No. 11 of 2003) 15/03

PUB 153 9 Ed 2000 LAST NM 13/03

Page 75—Line 11/R; insert after:

Tides—Currents.—It has been reported (2003) that long period swells, with currents up to 1.5 knots, accompany the flood tide.

(PUBS 011-03) 15/03

Page 75—Line 30/R; insert after:

It has been reported (2003) that the pilot should be contacted 1 hour prior to arrival on VHF channel 14 and that pilots are available only after 0800.

(PUBS 011-03) 15/03

Page 78—Line 44/R; insert after:

It has been reported (2003) that the buoys in the inner harbor may not accurately mark the limits of shoal water; the buoys swing excessively and do not remain in reliable positions.

(PUBS 012-03) 15/03

Page 91—Line 44/L; insert after:

Caution.—It has been reported (2003) that background lighting in the canal may make it difficult to identify lighted aids to navigation.

(PUBS 013-03) 15/03

PUB 172 9 Ed 2001 LAST NM 14/03

Page 146—Table; replace with below:

New table titled **Port de Djibouti—Berthing Information (2003)** from back of this Subsection. Replaces table previously published in NM 2/02.

(US CH 62095; Fairplay) 15/03

Page 180—Lines 45 to 49/R; strike out.

(NIMA) 15/03

Page 188—Lines 4 to 6/L; strike out.

(US CH 62510) 15/03

Page 188—Line 30/L; read:

4.6m, lies in the outer entrance of the strait.

(US CH 62510) 15/03

Page 189—Line 25/L; read:

6.9m, lies with its least depth about 7 miles NW of Jazireh-ye

(US CH 62510) 15/03

Page 189—Line 35/L; read:

A bank, with a least charted depth of 12.6m, extends up to 7

(US CH 62510) 15/03

Page 189—Line 39/R; read:

least depth of 15.1m, lies about 6 miles NNW of the N

(US CH 62510) 15/03

Page 190—Lines 38 to 46/R; read:

Sirri Oil Field A ($25^{\circ}45'N.$, $54^{\circ}08'E.$) is located about 24 miles WSW of Jazireh-ye Sirri. Sirri Oil Field C and Sirri Oil Field D are located close E of Sirri Oil Field A. A pipeline connects Sirri Oil Field A to Sirri Oil Field C. Gas and oil pipelines connect Sirri Oil Field C and Sirri Oil Field D to Jazireh-ye Sirri. Sirri Oil Field E lies about 11 miles SE of Jazireh-ye Sirri and is connected to it by a pipeline. The locations of all these oil fields are best seen on the chart.

Caution.—Submarine pipelines, submerged wellheads, and various other obstructions, both above and below-water, exist in this area. The oil and gas pipelines are not buried and may reduce charted depths by as much as 2m.

The area between Jazireh-ye Sirri and **Jazirat Halul** (US CH 62510) 15/03

Page 193—Line 21/L; read:

the fairway of 5.1m, which is found in the W entrance. With (US CH 62510) 15/03

Page 221—Table; replace with below:

New table titled **Umm Said Berthing Facilities (2003)** from back of this Subsection. Replaces table previously published in NM 5/02.

(US CH 62457; Fairplay; Guide to Port Entry) 15/03

PUB 191 9 Ed 2000 LAST NM 12/03

Page 34—Line 8/R; read:

precedence accorded to vessels constrained by their draft.

Merchant vessels, or other private vessels, must not navigate within 50m of any HM vessels, foreign warships, or auxiliary vessels which are alongside or at anchor. Such vessels must also not navigate within 50m of any government facility/base or within 100m of any submarine which is alongside or at anchor.

Exclusion zones for warships underway may be activated by the Queen's Harbour Master (QHM). When in force, they will extend for 500m around the subject vessel or to the limits of navigable water if less. During activation, all vessels underway, except those involved in the escort or specifically authorized by the escort commander, are to remain clear of the zone.

An exclusion zone will be activated by direction from the QHM on VHF channel 11. It will be terminated on the subject vessel crossing the Dockyard Port boundary or when notified by the QHM on VHF channel 11 or by Southampton VTS on VHF channel 12.

During activation, Southampton VTS, on behalf of the QHM, will direct traffic within the Dockyard Port of Portsmouth to remain at least 500m clear of the subject vessel. If this is not possible, commercial traffic will be held until the warship is clear. During the harbor entry or exit phase, all small craft traffic will cease in the harbor entrance.

The warship, for which the exclusion zone is activated, will display two vertically-disposed diamond shapes by day or two horizontally-disposed flashing red lights at the masthead at night. All escorting vessels will show a blue flashing light by day and at night.

PUB 191 (Continued)

Mariners are cautioned that vessels in contravention of an exclusion zone, after being warned by at least two methods (radio, flashing light, or voice), will be deemed to have the intention of committing a hostile act against the warship being escorted.

(BA NP 27)

15/03

Page 98—Line 50/L; read:
is situated about 0.4 mile E of it.

It is reported (2002) that a number of wind generators are being constructed within an area on the flat centered about 5 miles S of Nysted.

(BA NM 26/02)

15/03

PUB 194 9 Ed 2002

Page 20—Line 10/L; read:
dwt, 20m beam, and 4m draft (2002).
(BA NM 46/02)

LAST NM 8/03

15/03

Page 113—Line 21/R; read:
vessels up to 15,000 dwt, 20m beam, and 4m draft (2002).
(BA NM 46/02)

15/03

Page 56—Line 27/L; read:

Sailing Directions (Enroute) Skagerrak and Kattergat, Sector 8.

It is reported (2002) that a new Deep Water Route leads into Lille Bælt from the E. This route is entered about 3.5 miles N of Fyns Hoved. It is marked by buoys and has a least depth of 15.7m.

(Den NM 8/02)

15/03

Page 57—Lines 41 to 49/L; read:

Pilotage.—Pilotage between Gabet and the port is compulsory for vessels, as follows:

1. Loaded oil tankers and all vessels with uncleansed tanks which are not safeguarded by inert gas.
2. Vessels of 70m in length and over.
3. Vessels of 11m beam and over.

The following vessels are exempt from compulsory pilotage:

1. Tankers less than 70m in length and with a beam of less than 11m which are navigated by a Captain who has visited Odense, with the vessel in question, at least five times during the past three months.
2. Other vessels less than 100m in length and with a beam of less than 15m which are navigated by a Captain who has visited Odense, with the vessel in question, at least five times during the past six months.
3. Other vessels less than 100m in length and with a beam of less than 15m which navigate only between Gabet and Lindo Terminal.

(BA NP 286)

15/03

Page 75—Lines 18 to 21/R; read:

Pilotage.—Pilots are available from the harbor. They may be contacted on VHF channel 71 and board in the vicinity of the seaward entrance to the buoyed channel leading through Marstal Sondre Lob. Pilotage is not compulsory but is recommended. Vessels should send their ETA at the boarding place 12 hours in advance and a confirmation message 3 hours prior to arrival.

(BA NP 286)

15/03

PUB 195 7 Ed 2002**LAST NM 3/03**

Page 31—Lines 4 to 40/R; read:

2.24 Primorsk (60°22'N., 28°38'E.) (World Port Index No. 28360), a small port and oil terminal, is situated along the shores of an enclosed bay at the E side of Proliv Byerke-zund.

Ice.—In severe conditions, icebreaker assistance is provided. Generally, the ice season lasts from the beginning of December to the end of April. The maximum ice coverage occurs in March.

The Captain of the Port of St. Petersburg directs all icebreaker operations. Vessels requiring assistance should send a request via their agent 24 hours in advance.

During the period of ice navigation, vessels proceeding to the port are advised to send their ETA at the designated convoy position to the Port Captain at Primorsk 48 hours, 24 hours, and 12 hours in advance. On approaching the convoy position, vessels should establish VHF contact with the nearest icebreaker and follow instructions. Vessels should advise Primorsk VTS (SUDS) the times of commencement and completion of icebreaker pilotage.

Depths—Limitations.—The harbor is protected by breakwaters and has depths of 5.5 to 9m, decreasing gradually toward the shore. There are two piers with depths of 8.5 and 9.4m alongside their heads.

The oil terminal can handle vessels up to 150,000 dwt and 15m draft.

Aspect.—A church with a prominent spire stands on the N side of the harbor entrance.

It is reported (2002) that the Safety Fairway is marked by lighted buoys and is indicated by a lighted range.

Pilotage.—Waiting Area No. 6, which may best be seen on the chart, is situated 3 miles W of Ostrov Rodsher (59°58'N., 26°41'E.). Pilotage is compulsory for vessels of 50,000 dwt and over between this waiting area, or the entrance of the TSS located about 9 miles E of Ostrov Rodsher, and the port.

Waiting Area No. 7, which may best be seen on the chart, is situated about 11 miles NE of Ostrov Seskar (60°02'N., 28°23'E.), on the NW side of the Safety Fairway. Pilotage is compulsory for vessels of less than 50,000 dwt between this waiting area, or the beginning of the second reach of the Safety Fairway, and the port.

Tug service is compulsory between Waiting Area No. 7 and the port for vessels in ballast, and between Ostrov Seskar and the port for loaded vessels.

Pilots can be contacted by VHF (channels 9 and 67) and board, as follows:

PUB 195 (Continued)

1. Vessels of 50,000 dwt and over—in a position located about 3 miles S of the S extremity of Ostrov Gogland (60°03'N., 26°59'E.).
2. Vessels of less than 50,000 dwt—in the vicinity of Waiting Area No. 7 (60°10'N., 28°37'E.).
3. Vessels proceeding SE through Proliv Byerkezund—in position 60°22.0'N, 28°34.5'E.
4. Vessels proceeding NW through Proliv Byerkezund—in position 60°14.7'N, 28°50.8'E.

Vessels should sent an ETA at Waiting Area No. 7, via the agent, to the Port Captain 48 hours and 24 hours in advance. This ETA should be confirmed by VHF 4 hours prior to arrival.

Vessels should sent a request for pilotage to the Port Captain 24 hours before arriving at the appropriate boarding position. This request should be confirmed by VHF 2 hours in advance.

Any changes should be sent via the agent not less than 1 hour 30 minutes in advance.

Vessels transiting the port area should contact the Port Captain by VHF 2 hours prior to arriving at the appropriate boarding position in Proliv Byerkezund.

Departing vessels should request pilotage in writing or by telephone not less than 2 hours before sailing.

Regulations.—A Vessel Traffic Service (VTS) system operates in the port area and includes the Safety Fairway, Waiting Area No. 7, the inner and outer roadsteads, and the waters of Proliv Byerkezund S of latitude 60°25'N.

Vessels must contact the Traffic Control Center of the Primorsk VTS (SUDS) on VHF channel 68 (reserve channel 13) 1 hour before entering the VTS area.

Vessels must, on request, advise the Traffic Control Center of their bearing and distance from Seskar Light (60°02'N., 28°22'E.).

Vessels should maintain a continuous listening watch on VHF channel 68.

Vessels proceeding to Proliv Byerkezund should establish VHF contact with Primorsk VTS when 30 miles from the port to request permission to enter the area.

Tankers bound for the port in winter are required to be double-hulled.

In addition to regular navigation equipment, tankers are required to be fitted with an Electronic Chart Display and Information System (ECDIS) and a Satellite System (GPS/GLONASS). If these systems are not available, they may be provided by the pilot service.

(BA NP 286)

15/03

Page 32—Lines 1 to 6/L; read:

Primorsk Safety Fairway, which extends about 14 miles in a NE direction and then about 4 miles in a NW direction, leads from the NE side of the Precautionary Area to the oil terminal.

(BA NP 286)

15/03

Page 92—Line 41/L; read:

Quay and then for drafts up to 6m as far as the Inner Harbour

(Fin NM 20/02)

15/03

SECTION II

NM 15/03

WORLD PORT INDEX CORRECTIONS

PUB 150

17 Ed 2000

LAST NM 10/03

EVEN PAGE CORRECTIONS

INDEX NUMBER	PORT	COUNTRY CODE	LATITUDE	LONGITUDE	PUBLICATION	CHART	HARBOR SIZE	HARBOR TYPE	SHELTER	ENTRANCE RESTRICTIONS			OVERHEAD LIMITS	CHANNEL	ANCHORAGE	CARGO PIER	OIL TERMINAL	TIDE	MAX SIZE VESSEL	GOOD HOLDING GROUND	TURNING AREA
										TIDE	SWELL	ICE	OTHER								
*48339	K.F. INDUSTRIAL PORT IN JUBIAL	SA	2705N	04941E	172	62429	V	CB F	N N N Y	E A L G	M Y Y										15/03
61140	HANASAKI BYOCHI	JA	4317N	14535E	158	96764	V	OR F		J J	03	Y									15/03
61170	MURORAN KO	JA	4220N	14058E	158	96949	M	CB G	N N N Y	F O F G	04	L Y Y									15/03
61370	TATEYAMA KO	JA	3500N	13948E	158	97120	V	CN F		E F M	03	Y									15/03
61440	OMURA	<i>Remove from list.</i>																			15/03
61460	SIMIZU KO	JA	3501N	13830E	158	97163	M	CN G	N N N Y N A A K D	04 L Y Y											15/03
61465	TOYOHASI KO	JA	3443N	13718E	158	97188	S	CB G		L J	08 L										15/03
62225	KIIRE KO	JA	3123N	13033E	158	97342	V	CN F	N N N Y	A A A	L Y Y										15/03
62250	MINAMATA KO	JA	3212N	13023E	158	97383	V	CN F		H F N	07										15/03
62270	KOJIRO	<i>Remove from list.</i>																			15/03
62480	KITA	<i>Remove from list.</i>																			15/03
62490	OKINO	<i>Remove from list.</i>																			15/03

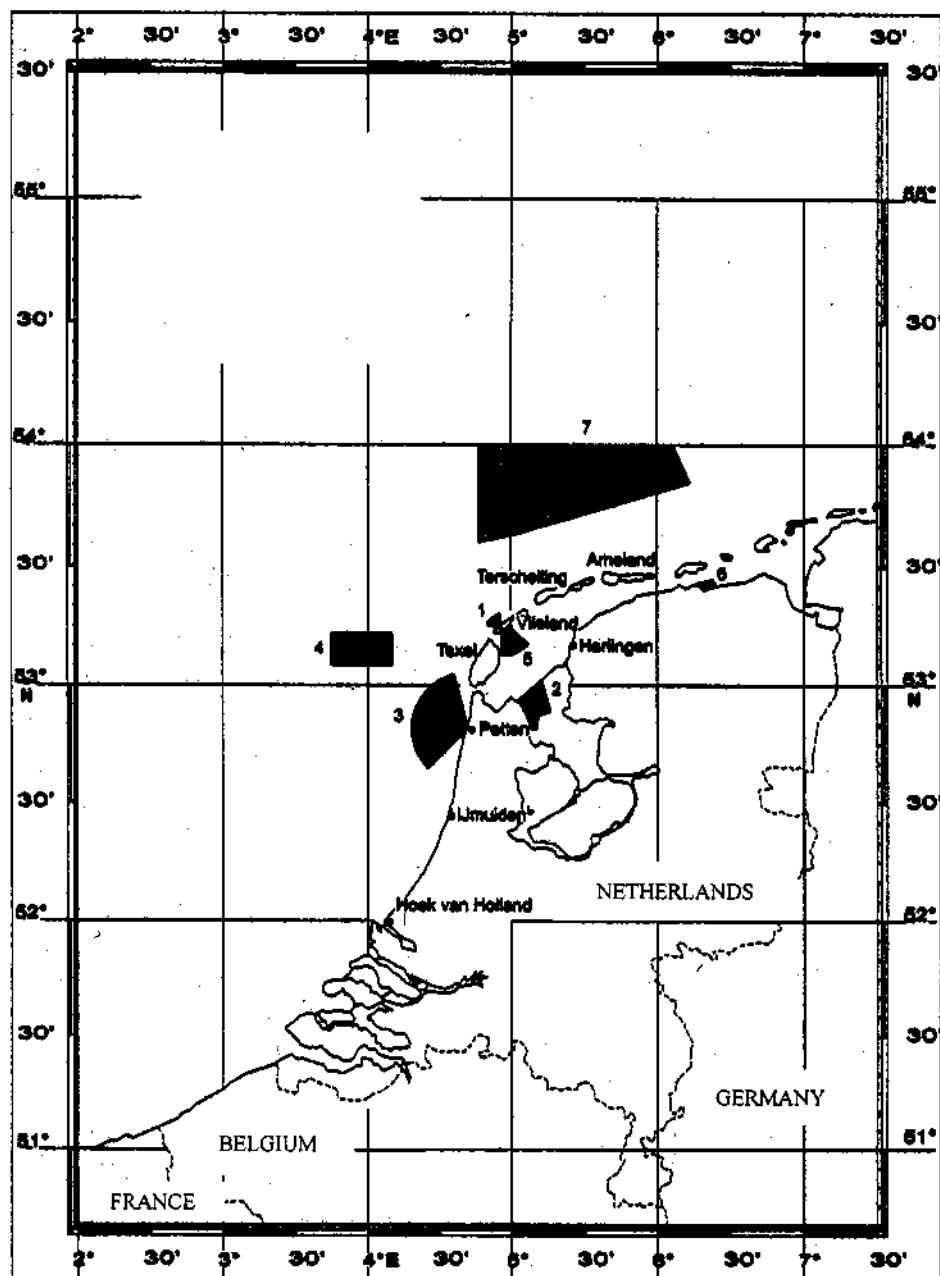
ODD PAGE CORRECTIONS

INDEX NUMBER	1ST PORT OF ENTRY U.S. REPRESENTATIVE ETA MESSAGE	PILOTAGE			COMMUNICATIONS			LOAD/UNLOAD			MEDICAL FACILITIES			CRANES			LIFTS			SERVICES			SUPPLIES		
		COMPULSORY AVAILABLE	LOCAL ASSIST ADVAILABLE	OTHER	PRATIQUE DERAT CERT	OTHER	TELEPHONE TELEGRAPH	RADIO RADIO TEL	AIR RAIL	WHARVES ANCHOR MED MOOR BEACH MOOR ICE MOOR	LOAD OFF LOAD	GARBAGE DISPOSAL DEGAUSS DIRTY BALLAST	FIXED MOBILE FLOATING	CRANES	100 TONS PLUS 50 - 100 TONS 25 - 49 TONS 0 - 24 TONS	LIFTS	ELECT STEAM NAVIG EQUIP ELECT REPAIR	LONGSHORE ELECT STEAM NAVIG EQUIP ELECT REPAIR	PROVISIONS WATER FUEL OIL DIESEL OIL DECK ENGINE	REPAIR DRYDOCK RAILWAY					
*48339	Y Y	Y Y Y Y Y	Y	Y Y Y	Y	Y Y Y	Y	Y	Y	Y Y Y Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y Y Y	Y	M	15/03		

SECTION II

NM 15/03

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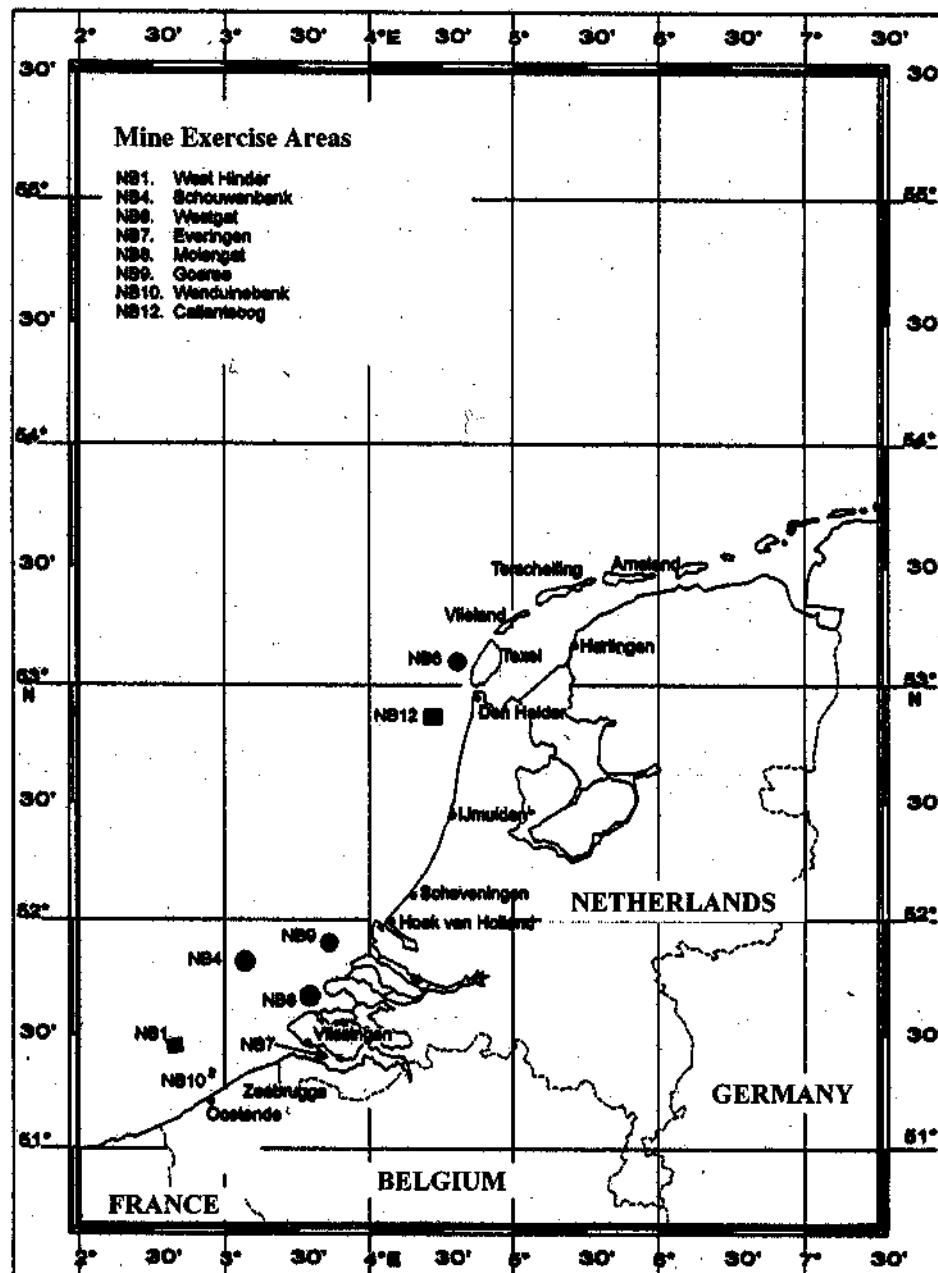


PUB 140

SECTION II

NM 15/03

161



PUB 140

Port de Djibouti—Berthing Information (2003)			
Berth	Length	Depth alongside	Remarks
Mole Sud			
No. 1	180m	8.0m	Container and ro-ro cargo.
No. 2	220m	11.0m	Container and ro-ro cargo.
Ro-ro Berth	220m	11.0m	West side of Mole Sud close N of Berth No. 2.
Mole Nord (south side)			
No. 3	70m	1.4m	Shipyard.
No. 4	150m	3.6-5.1m	Coastal vessels.
No. 5	230m	6.8-7.0m	Coastal vessels.
Jetee du Large (southeast side)			
No. 6	263m	7.2-8.3m	General cargo.
No. 7	170m	7.0m	General cargo.
No. 8	202m	7.2-8.9m	General cargo.
Mole du Fountainebleau (head of Jetee du Large)			
No. 9	200m	9.0m	Multipurpose berth.
Jetee du Large (northwest side)			
No. 10	270m	10.5m	Tanker berth.
No. 11	270m	10.5m	Tanker berth.
No. 12	270m	11.5m	Tanker berth.
Mole Nord (north side)			
No. 13	210m	9.5m	Cruise ship and multipurpose terminal.
No. 14	290m	12.0m	General and bulk cargo.
No. 15	107m	12.0m	General and bulk cargo.

Umm Said Berthing Facilities (2003)				
Berth	Length	Designed depth	Charted depth	Remarks
No. 1	350m	15.0m	14.8m	Bulk iron ore discharge. Vessels up to 110,000 dwt, with a maximum beam of 40m and a maximum loa of 270m, can be accommodated. See Note. 1.
No. 2	190m	15.0m	15.0m	Bulk iron ore discharge. Steel loading. See Note. 1.
No. 3	250m	15.0m	14.8m	Bulk iron ore discharge. Steel loading. See Note. 1.
No. 4	298m	13.0m	12.4m	General cargo. See Note 1.
No. 6	212m	13.0m	12.7m	Petroleum. See Note 1. Mooring and unmooring permitted during daylight hours only. The following vessel limitations apply: 1. Maximum vessel length—238m. 2. Maximum vessel beam—45m. 3. Maximum vessel size—60,000 dwt.
No. 9	200m	10.0m	8.8m	General cargo. See Note 1.
No. 10	200m	10.0m	8.5m	General cargo. Bulk liquids. See Note 1.
No. 16	250m	13.0m	13.0m	Petrochemicals. Maximum vessel size of 50,000 dwt. Located close NE of Berth No. 18. See Note 2.
No. 18	255m	13.0m	13.0m	Polyethylene chips. See Note 2.
No. 19	255m	13.0m	12.8m	Liquid ethylene. Mooring and unmooring permitted during daylight hours only. See Note 2.
No. 20	213m	11.8m	11.8m	Bulk grain. See Note 2.
No. 21	213m	12.0m	12.0m	Fertilizer. See Note 2.
No. 22	199m	12.8m	12.5m	Fertilizer. Maximum vessel size of 40,000 dwt. See Note 2.
NGL Jetty	29m	12.8m	12.8m	LNG facility consisting of a T-head berth with breasting dolphins. Vessel length of between 168 and 290m. Mooring and unmooring permitted during daylight hours only.
Notes:				
1. Accessed via North Dredged Channel. 2. Accessed via South Dredged Channel.				

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME I LIGHT LIST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
515	<i>Boston Approach Lighted Buoy BC</i>	41 41 31 N 69 35 23 W	Fl Y 10s		6	Yellow.	
		*			*		15/03
560	<i>Boston Approach Lighted Buoy BB</i>	41 15 30 N 69 17 40 W	Fl (4) Y 20s 0.5s fl 2s ec. 0.5s fl 2s ec. 0.5s fl 2s ec. 0.5s fl 12s ec.		7	Yellow.	Marked NOAA 44018.
		*					15/03
565	<i>Boston Approach Lighted Whistle Buoy BA</i>	40 49 06 N 69 59 58 W	Fl Y 10s		6	Yellow.	
		*			*		15/03
580	<i>Nantucket Shoals Lighted Whistle Buoy N</i>	40 30 09 N 69 14 48 W	Fl Y 6s		6	Yellow.	RACON: N (- •).
		*					15/03
675 29025	SHINNECOCK LIGHT	40 50 31 N 72 28 42 W	Fl (2) W 15s 1s fl 2s ec. 1s fl 11s ec.	75	9	Red skeleton tower.	HORN: 1 blast ev 15s (2s bl).
		*					15/03
760 35015	<i>Shrewsbury Rocks Lighted Bell Buoy 1</i> Off east end of rocks.	40 20 28 N 73 55 34 W	Fl G 2.5s		4	Green.	
		*					15/03
*1363	- Lighted Whistle Buoy GRC	41 24 21 N 69 54 56 W	Mo (A) W		6	Red and white stripes with red spherical topmark.	
							15/03
Lighthouse Channel							
7710	- Lighted Buoy 1	43 38 54 N 70 15 00 W	Fl G 6s		4	Green.	
		*		*	*	*	15/03
13565	- Lighted Bell Buoy 10	41 31 51 N 70 00 30 W	Fl R 4s		4	Red.	Replaced by nun when endangered by ice.
		*					15/03
13600	- Lighted Buoy 3	41 24 58 N 69 48 26 W	Fl G 4s		4	Green.	Replaced by can when endangered by ice.
		*					15/03
13605	- Lighted Buoy 4	41 25 24 N 69 49 27 W	Fl R 2.5s		4	Red.	Replaced by nun when endangered by ice.
		*					15/03
13685	<i>Cross Rip Lighted Gong Buoy 21</i>	41 26 51 N 70 17 30 W	Fl G 2.5s		4	Green.	
		*					15/03

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

CORRECTIONS TO C. G. LIGHT LIST, VOLUME I LIGHT LIST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
13690	<i>Horseshoe Shoal Lighted Buoy 20</i> On south side of shoal.	41 27 33 N 70 16 55 W	Fl R 4s		4	Red.	Replaced by nun when endangered by ice.
		*					15/03
16000	<i>Buzzards Bay Lighted Buoy 1</i>	41 25 50 N 71 02 16 W	Fl G 2.5s		4	Green.	
		*					15/03
16005	<i>Buzzards Bay Lighted Bell Buoy 2</i>	41 26 08 N 71 00 39 W	Fl R 2.5s		4	Red.	
		*					15/03
16030	<i>Buzzards Bay Lighted Gong Buoy 5</i> Off southeast side of ledge.	41 28 58 N 70 57 22 W	Fl G 6s		4	Green.	Removed when endangered by ice.
		*					15/03
16035	<i>Buzzards Bay Lighted Bell Buoy 6</i>	41 27 57 N 70 56 38 W	Fl R 4s		4	Red.	
		*					15/03
16050	<i>Buzzards Bay Lighted Gong Buoy 8</i>	41 28 57 N 70 53 50 W	Fl R 2.5s		4	Red.	
		*					15/03
16060	<i>Buzzards Bay Lighted Gong Buoy 10</i> Marks western edge of shoal.	41 33 04 N 70 46 39 W	Fl R 4s		4	Red.	Replaced by LIB when endangered by ice.
		*					15/03
16075	<i>Buzzards Bay Obstruction Lighted Buoy 12</i>	41 37 22 N 70 42 19 W	Q R		4	Red.	Removed when endangered by ice.
		*					15/03
16080	<i>Buzzards Bay Shoal Lighted Buoy 14</i>	41 37 34 N 70 42 01 W	Fl R 2.5s		4	Red.	Removed when endangered by ice.
		*					15/03
16105	- <i>Lighted Buoy 1</i>	41 37 50 N 70 41 56 W	Q G		4	Green.	Replaced by LIB when endangered by ice.
		*					15/03
21475	<i>Sands Point Reef Lighted Buoy 25</i> Marks northwest edge of shoal off point.	40 52 07 N 73 44 15 W	Fl G 2.5s		3	Green.	
		*					15/03
22011	<i>New London SubBase Barrier Lighted Buoy A</i>		Fl W 4s		2	White and orange.	Private aid.
		*	*	*	*		15/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME I LIGHT LIST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*Delete Headings: *NEW LONDON HARBOR AND VICINITY (Chart 13213) *Thames River							
22012 <i>New London SubBase Barrier Lighted Buoy B</i>							
Fl W 4s							
		*	*	*	*	*	*
							15/03
*Delete Headings: *NEW LONDON HARBOR AND VICINITY (Chart 13213) *Thames River							
22013 <i>New London SubBase Barrier Lighted Buoy C</i>		Fl W 4s		2	White and orange.	Private aid.	
		*	*	*	*	*	*
							15/03
*Delete Headings: *NEW LONDON HARBOR AND VICINITY (Chart 13213) *Thames River							
22014 <i>New London SubBase Barrier Lighted Buoy D</i>		Fl W 4s		2	White and orange.	Private aid.	
		*	*	*	*	*	*
							15/03
*Delete Headings: *NEW LONDON HARBOR AND VICINITY (Chart 13213) *Thames River							
22015 <i>New London SubBase Barrier Lighted Buoy E</i>		Fl W 4s		2	White and orange.	Private aid.	
		*	*	*	*	*	*
							15/03
*Delete Headings: *NEW LONDON HARBOR AND VICINITY (Chart 13213) *Thames River							
22016 <i>New London SubBase Barrier Lighted Buoy F</i>		Fl W 4s		2	White and orange.	Private aid.	
		*	*	*	*	*	*
							15/03
*Delete Headings: *NEW LONDON HARBOR AND VICINITY (Chart 13213) *Thames River							
22017 <i>New London SubBase Barrier Lighted Buoy G</i>		Fl W 4s		2	White and orange.	Private aid.	
		*	*	*	*	*	*
							15/03
*Delete Headings: *NEW LONDON HARBOR AND VICINITY (Chart 13213) *Thames River							
22018 <i>New London SubBase Barrier Lighted Buoy H</i>		Fl W 4s		2	White and orange.	Private aid.	
		*	*	*	*	*	*
							15/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME I LIGHT LIST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*Delete Headings:							
*NEW LONDON HARBOR AND VICINITY (Chart 13213)							
*Thames River							
22019	<i>New London SubBase Barrier Lighted Buoy I</i>		Fl W 4s		2	White and orange.	Private aid
		*	*	*			*
*22019.1	<i>New London SubBase Barrier Lighted Buoy J</i>		Fl W 4s		2	White and orange.	Private aid.
							15/03
*22019.11	<i>New London SubBase Barrier Lighted Buoy S</i>		Fl W 4s		2	White and orange.	Private aid.
							15/03
*22019.12	<i>New London SubBase Barrier Lighted Buoy T</i>		Fl W 4s		2	White and orange.	Private aid.
							15/03
*22019.13	<i>New London SubBase Barrier Lighted Buoy U</i>		Fl W 4s		2	White and orange.	Private aid.
							15/03
*22019.2	<i>New London SubBase Barrier Lighted Buoy K</i>		Fl W 4s		2	White and orange.	Private aid.
							15/03
*22019.3	<i>New London SubBase Barrier Lighted Buoy L</i>		Fl W 4s		2	White and orange.	Private aid
							15/03
*22019.4	<i>New London SubBase Barrier Lighted Buoy M</i>		Fl W 4s		2	White and orange.	Private aid.
							15/03
*22019.5	<i>New London SubBase Barrier Lighted Buoy N</i>		Fl W 4s		2	White and orange	Private aid.
							15/03
*22019.6	<i>New London SubBase Barrier Lighted Buoy O</i>		Fl W 4s		2	White and orange.	Private aid.
							15/03
*22019.7	<i>New London SubBase Barrier Lighted Buoy P</i>		Fl W 4s		2	White and orange.	Private aid.
							15/03
*22019.8	<i>New London SubBase Barrier Lighted Buoy Q</i>		Fl W 4s		2	White and orange.	Private aid.
							15/03
*22019.9	<i>New London SubBase Barrier Lighted Buoy R</i>		Fl W 4s		2	White and orange.	Private aid.
							15/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME I LIGHT LIST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*Delete Headings:							
*NEW LONDON HARBOR AND VICINITY (Chart 13213)							
*Thames River							
22020	- UPPER DIRECTIONAL LIGHT	41 23 34 N 72 05 47 W	Iso W 6s (G & R sector)	21	On pile.		Shows green from 174.5° to 177.5°; white from 177.5° to 180.5°; red from 180.5° to 183.5°; with a F W passing light.
							15/03
24045	- Channel Lighted Buoy 4	41 13 41 N 70 54 44 W	Fl R 4s	4	Red.		
		*					15/03
STRATFORD POINT TO SHERWOOD POINT (Chart 12369)							
Bridgeport Harbor							
24545	- Channel Approach Lighted Whistle Buoy BH	41 06 14 N 73 11 44 W	Mo (A) W	6	Red and white stripes with red spherical topmark.		
		*					15/03
25330	Little Captain Island East Reef Lighted Gong Buoy 1 Off east side of reef.	40 59 36 N 73 35 52 W	Fl G 2.5s	4	Green.		
		*					15/03
Oyster Bay							
26865	- Gong Buoy 1 On northwest side of Northwest Bluff Shoals.	40 55 33 N 73 30 14 W			Green.		
		*					15/03
34210	- Lighted Bell Buoy 2	40 31 46 N 73 56 35 W	Fl R 4s	4	Red.		
		*					15/03
34945	Gowanus Flats Lighted Bell Buoy 22	40 38 03 N 74 03 02 W	Fl R 2.5s	4	Red.		
		*					15/03
34965	Gowanus Flats Lighted Bell Buoy 24	40 38 39 N 74 03 14 W	Q R	4	Red.		
		*					15/03
37033	- South Channel Lighted Buoy 13	40 39 56 N 74 03 59 W	Fl G 4s	4	Green.		
		*					15/03
37055	- North Entrance Lighted Buoy 6	40 40 31 N 74 03 36 W	Fl R 4s	4	Red.		
		*					15/03

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 C. G. LIGHT LIST, VOLUME I LIGHT LIST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
37203	- Buoy 5	40 40 25 N 74 03 30 W				Green can.	
		*					15/03
	*Add Heading: *Hudson River						
*37208	- Buoy 8				Red nun.		
							15/03
	*Change Headings to Read: *Upper Bay *National Dock Channel						
37210	- Buoy 2				Red nun.		
							15/03
37355	ELIZABETHPORT DIRECTIONAL LIGHT	40 38 47 N 74 11 20 W	F WRG	65	13	On skeleton tower on warehouse roof.	Shows red from 267.25° to 268.8°; white from 268.8° to 269.2°; green from 269.2° to 270.75°.
	*	*	*	*	*	*	*
							15/03

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
4775	- Junction Lighted Buoy OC	38 19 36 N 75 05 36 W	Fl R (2+1) 6s		3	Red and green bands.	
		*					15/03
8905	- Lighted Buoy 49		Fl G 6s		5	Green.	Replaced by LIB of lower intensity from the first Tuesday after Thanksgiving to Mar. 15.
					*		15/03
8955	- Lighted Buoy 6		Fl R 4s		4	Red.	Replaced by LIB of lower intensity from the first Tuesday after Thanksgiving to Mar. 15.
					*		15/03

Warwick River

11525	- Daybeacon 2	37 04 21 N 76 32 25 W			TR on pile.	Ra ref.	
		*					15/03
11585	- CHANNEL LIGHT 10 195 feet outside channel limit.	37 03 12 N 76 34 37 W	Fl R 4s	15	4	TR on multi-pile structure.	Ra ref.
				*	*		15/03
11850	- LIGHT 5	37 09 57 N 76 36 55 W	Fl G 4s	15	4	SG on pile.	
				*			15/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
11940	- CHANNEL LIGHT 40 200 feet outside channel limit.	37 12 48 N 76 39 38 W	Fl R 4s	15	4	TR on multi-pile structure.	Ra ref.
		*	*				15/03
11950	- Channel Lighted Buoy 42 50 feet outside channel limit.		Fl R 4s		4	Red.	
			*				15/03
12075	- Channel Lighted Buoy 47		Fl G 2.5s		4	Green.	
			*				15/03
12370	- Channel Lighted Buoy 85 60 feet outside channel limit.	37 18 42 N 77 05 37 W	Fl G 2.5s		5	Green.	
		*					15/03
22825	- LIGHT 2	37 57 57 N 75 54 05 W	Q R	15	4	TR on multi-pile structure.	Higher intensity beam down channel.
		*	*				15/03
28095	- CHANNEL LIGHT 29	35 46 06 N 75 33 58 W	Fl G 4s	15	3	SG on pile.	
		*					15/03
28100	- Channel Buoy 30A						Remove from list.
							*
28105	- CHANNEL LIGHT 31	35 45 52 N 75 34 23 W	Q G	15	3	SG on pile.	
		*					15/03
28195	- CHANNEL LIGHT 55		Q G	15	3	SG on pile.	
			*				15/03
28301	Pea Island Refuge North Marker						Remove from list.
							*
28302	Pea Island Refuge South Marker						Remove from list.
							*
28385	- CHANNEL LIGHT 7		Fl G 4s	15	4	SG on pile.	Light equipment removed when endangered by ice.
			*				15/03
31245	CURRITUCK FERRY TERMINAL LIGHT 2	36 27 19 N 75 59 33 W	Q R	15	3	TR on pile.	Ra ref.
		*	*				15/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
31255	KNOTTS ISLAND FERRY TERMINAL LIGHT 2		Q R	15	3	TR on pile.	Ra ref.
				*	*		15/03
31425	Coast Guard Base	36 16 16 N				SG on pile.	
37010	Daybeacon 1	76 10 39 W					
		*					15/03
33300	- LIGHT 7		Fl G 6s	15	5	SG on pile.	Ra ref.
				*			15/03
33595	- LIGHT 4		Fl R 2.5s	15	5	TR-TY on pile.	Ra ref.
38275					*		*
							15/03
33695	- Daybeacon 4					TR on pile.	
					*		15/03
33700	- Daybeacon 5					SG on pile.	
					*		15/03
33705	- Daybeacon 6					TR on pile.	
					*		15/03
33710	- Daybeacon 8					TR on pile.	
					*		15/03
33770	- LIGHT 6		Fl R 2.5s	15	3	TR on pile.	
				*			15/03
34080	- RIVER LIGHT 48A		Fl R 4s	15	2	TR on pile.	
					*		15/03
34375	- LIGHT 13		Fl G 4s	15	3	SG on pile.	
				*			15/03
34380	- LIGHT 15		Fl G 6s	15	4	SG on pile.	
				*			15/03
34385	- LIGHT 16		Fl R 2.5s	15	4	TR on pile.	
				*			15/03
34465	- Warning Daybeacon 2 yards, 295° from wreck.	34 54 18 N 76 17 20 W				NW on pile worded DANGER SUBMERGED WRECK.	
		*					15/03
34520	- LIGHT 24		Fl R 2.5s	15	3	TR on pile.	
				*			15/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
34545	- LIGHT 28		Fl R 2.5s	15	4	TR on pile.	
				*			15/03
34580	- LIGHT 31		Fl G 2.5s	15	3	SG on pile.	
				*			15/03
34620	- LIGHT 35		Fl G 4s	15	4	SG on pile.	
				*			15/03
34630	- LIGHT 37A		Fl G 2.5s	15	3	SG on pile.	
				*			15/03
34660	- Channel Daybeacon 3					SG on pile.	
						*	15/03
37010 31425	Coast Guard Base Daybeacon 1	36 16 16 N 76 10 39 W				SG on pile.	
		*					15/03
37525	- LIGHT 87		Q G	15	4	SG-SY on pile.	
				*	*		15/03
37570	- Daybeacon 104	36 26 17 N 75 57 38 W				TR-TY on pile.	
		*					15/03
37695	- LIGHT 139		Fl G 4s	15	4	SG-SY on pile.	
				*			15/03
37755	- LIGHT 155		Fl G 4s	15	4	SG-SY on pile.	
				*		*	15/03
38275 33595	- LIGHT 4		Fl R 2.5s	15	5	TR-TY on pile.	Ra ref.
				*			15/03
Morehead City Harbor Channel							
38600	- JUNCTION LIGHT MC	34 42 51 N 76 42 27 W	Fl (2+1) R 6s	15	3	JR on pile.	
						*	15/03

CORRECTIONS TO C. G. LIGHT LIST, VOLUME III ATLANTIC AND GULF COAST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
1220	LOSTMANS RIVER LIGHT 8	25 32 33 N 81 14 59 W	Fl R 2.5s	18	4	TR on pile.	
		*					15/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME III ATLANTIC AND GULF COAST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
1225	PAVILION KEY LIGHT 10	25 40 55 N 81 21 24 W	Fl R 4s	18	4	TR on pile.	
		*					15/03
CHATHAM RIVER TO CLAM PASS (Chart 11429)							
1230	CAPE ROMANO SHOALS LIGHT	25 41 18 N 81 38 47 W	Fl W 4s	18	6	NR on dolphin.	
		*					15/03
1235	Capri Pass Approach Light	25 58 35 N 81 38 47 W	Fl W 10s	90	17	Building.	Light obscured from 280° to 030°.
		*					15/03
1240 17450	GORDON PASS LIGHT 1	26 05 29 N 81 48 41 W	Fl G 2.5s	16	5	SG on pile.	
		*					15/03
ESTERO BAY TO LEMON BAY (Chart 11426)							
1245	Sanibel Island Light	26 27 11 N 82 00 51 W	Fl (2) W 6s	98	13	Brown square pyramidal skeleton tower, enclosing stair cylinder.	
		*					15/03
1300 19895	Charlotte Harbor Entrance Lighted Bell Buoy 2	26 39 51 N 82 19 34 W	Fl R 6s	4	Red.		
		*					15/03
1305 19965	Port Boca Grande Light	26 43 02 N 82 15 39 W	Oc W 4s	41	12	White frame dwelling on south end of island.	
		*					15/03
*Delete Heading: *ESTERO BAY TO LEMON BAY (Chart 11426)							
1310 19905	GASPARILLA ISLAND LIGHT	26 44 31 N 82 15 48 W	Iso W 6s (R sector)	105	W 12 R 10	White hexagonal pyramidal skeleton tower enclosing stair cylinder.	Red from 001° to 045°.
		*	*		*		15/03
1325 21430	VENICE INLET LIGHT 1	27 06 46 N 82 28 12 W	Fl G 6s	20	6	SG on skeleton structure.	
		*			*		15/03
1335 21460	BIG SARASOTA LIGHT 1	27 15 34 N 82 33 46 W	Fl G 4s	16	4	SG on pile.	
		*					15/03
TAMPA BAY AND ST. JOSEPH SOUND (Chart 11412)							
1370	Egmont Key Light	27 36 48 N 82 45 38 W	Fl W 15s Oc (4) W 30s	85 85	24 10	White tower.	Emergency light of reduced intensity, Oc 4s, when main light is extinguished.
		*	*	*	*		15/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME III ATLANTIC AND GULF COAST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
1505 25680	CLEARWATER PASS CHANNEL LIGHT 1	27 58 16 N 82 50 51 W	Fl G 2.5s	20	3	SG on dolphin.	
		*					15/03
1505.5 25680.5	CLEARWATER PASS CHANNEL LIGHT 2	27 58 07 N 82 50 19 W	Fl R 2.5s	16	3	TR on pile.	
		*					15/03
1565	ST. MARTINS OUTER SHOAL LIGHT 10 On west point of shoal.	28 25 50 N 82 55 05 W	Fl R 4s	16	5	TR on dolphin.	
		*					15/03
ANCLOTE KEYS TO CRYSTAL RIVER (Chart 11409)							
1590 28365	HOMOSASSA BAY ENTRANCE LIGHT 2	28 41 29 N 82 48 39 W	Fl R 4s	16	4	TR on dolphin.	
		*			*		15/03
1625 29920	CEDAR KEYS NORTHWEST CHANNEL APPROACH LIGHT 2	28 08 29 N 83 07 51 W	Fl R 2.5s	16	4	TR on pile.	
		*			*		15/03
HORSESHOE POINT TO ROCK ISLANDS (Chart 11407)							
1645 30360	HORSESHOE BEACH APPROACH LIGHT 2	29 23 17 N 83 20 23 W	Fl R 4s	16	4	TR on dolphin.	
		*					15/03
*1660	- Light 1	29 39 24 N 83 27 24 W	Fl G 4s	30	5	SG on pile.	
							15/03
*Add Heading: *Steinhatchee River							
*1665	Fisherman's Rest Fish Haven Lighted Buoy A	29 39 48 N 83 37 48 W	Fl Y 6s			Yellow.	Private aid.
							15/03
*Add Heading: *Keaton Beach							
1675	- LIGHT 1	29 48 54 N 83 37 47 W	Fl G 2.5s	16	3	SG on pile.	
		*	*	*	*	*	
3020	- LIGHT 72	32 55 48 N 79 56 12 W	Fl R 6s	12	4	TR on dolphin.	
					*		15/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME III ATLANTIC AND GULF COAST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CHATHAM RIVER TO CLAM PASS (Chart 11429)							
Indian Key Pass							
15965	- LIGHT IK	25 44 59 N 81 29 54 W	Mo (A) W	16	5	MR on pile.	
		*					15/03
15970	- LIGHT 1 On south end of bank.	25 47 59 N 81 28 04 W	Fl G 4s	16	4	SG on pile.	
		*					15/03
16085	- LIGHT 28		Fl R 4s	16	3	TR on pile.	
			*				15/03
Caxambas Bay							
16670	COON KEY LIGHT	25 52 54 N 81 37 56 W	Fl W 4s	22	6	NR on pile.	
		*					15/03
16980	- Daybeacon C	25 58 23 N 81 44 39 W				JG on pile.	
		*					15/03
Capri Pass							
17045	- Shoal Daybeacon A	25 58 10 N 81 43 30 W				NW on pile worded DANGER SHOAL.	
		*					15/03
17445	- Junction Daybeacon G	26 06 04 N 81 47 13 W				JR on pile.	
		*					15/03
Gordon Pass Channel							
17450 1240	GORDON PASS LIGHT 1	26 05 29 N 81 48 41 W	Fl G 2.5s	16	5	SG on pile.	
		*					15/03
Naples Bay Channel							
17535	- Daybeacon 19	26 06 06 N 81 47 15 W				SG on pile.	
		*					15/03
FORT MYERS TO CHARLOTTE HARBOR AND WIGGINS PASS (Chart 11427)							
San Carlos Bay							
17990	- LIGHT SC	26 25 08 N 81 57 33 W	Mo (A) W	16	6	MR on dolphin.	
					*		15/03

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CORRECTIONS TO C. G. LIGHT LIST, VOLUME III ATLANTIC AND GULF COAST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
San Carlos Bay							
Matanzas Pass Channel							
18235	- LIGHT 15	26 27 37 N 81 57 38 W	Fl G 2.5s	16	5	SG on pile.	
		*					15/03
Matanzas Pass Channel							
18275	- Daybeacon 18	26 27 26 N 81 57 07 W				TR on pile.	
		*					15/03
CHARLOTTE HARBOR TO TAMPA BAY (Chart 11425)							
Charlotte Harbor							
19895 1300	- Entrance Lighted Bell Buoy 2	26 39 51 N 82 19 34 W	Fl R 6s	4	Red.		
		*					15/03
19900	BOCA GRANDE ENTRANCE RANGE FRONT LIGHT						Remove from list.
		*					15/03
19905 1310	BOCA GRANDE ENTRANCE RANGE REAR LIGHT 5,694 yards, 035.8° from front light.						Remove from list.
		*					15/03
19950	BOCA GRANDE INNER CHANNEL RANGE FRONT LIGHT	26 41 57 N 81 57 07 W	Q W	16		KRW on dolphin.	Visible all around.
		*					15/03
19965 1305	Port Boca Grande Light	26 43 02 N 82 18 00 W	Oc W 4s	41	12	White frame dwelling on south end of island.	
		*					15/03
19995	- LIGHT 6	26 45 36 N 82 06 38 W	Fl R 4s	16	4	TR on pile.	
		*					15/03
Myakka River							
20140	- Daybeacon 7	26 54 02 N 82 08 39 W				SG on pile.	Measured mile between Daybeacon 7 and 8.
		*					15/03
Peace River							
20420	MANGROVE POINT LIGHT 1	26 53 58 N 82 07 14 W	Fl G 4s	27	6	SG on dolphin.	
		*					15/03

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CORRECTIONS TO C. G. LIGHT LIST, VOLUME III ATLANTIC AND GULF COAST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
Peace River							
20475	- LIGHT 2	26 55 54 N 82 06 14 W	Fl R 4s	18	4	TR on dolphin.	
		*					15/03
20490	Punta Gorda Wreck Daybeacon 2X	26 56 08 N 82 04 33 W				TR on pile.	
		*					15/03
Punta Gorda							
20590	- LIGHT 2	26 56 10 N 82 04 23 W	Fl R 4s	16	3	TR on dolphin.	
		*					15/03
Venice Inlet							
21430 1325	- LIGHT 1	27 06 46 N 82 28 12 W	Fl G 6s	20	6	SG on skeleton structure.	
		*			*		15/03
Big Sarasota Pass							
21460 1335	- LIGHT 1	27 15 34 N 82 33 46 W	Fl G 4s	16	4	SG on pile.	
		*					15/03
Anna Maria Sound							
21860	- LIGHT 1	27 32 03 N 82 42 48 W	Fl G 6s	16	4	SG on dolphin.	
		*					15/03
Manatee River							
21865	- LIGHT 2	27 32 37 N 82 40 42 W	Fl R 2.5s	16	3	TR on pile.	
		*					15/03
21870	- CUT A RANGE FRONT LIGHT 4	27 32 06 N 82 40 08 W	Q R	18	3	KRW and TR on dolphin.	
		*					15/03
21875	- CUT A AND C RANGE REAR LIGHT 393 yards, 136.2° from Cut A front light and 401 yards, 280° from Cut C front light.		Iso R 6s	30	4	KRW on tower.	
				*			15/03
21920	- LIGHT 12	27 31 32 N 82 38 26 W	Fl R 2.5s	3	TR on pile.		
		*					15/03

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CORRECTIONS TO C. G. LIGHT LIST, VOLUME III ATLANTIC AND GULF COAST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
21930	Terra Ceia Cutoff Daybeacon 2	27 31 19 N 82 36 44 W				TR on pile.	
		*					15/03
	Manatee River						
21970	- LIGHT 15 At southwest end of shoal.	27 30 45 N 82 36 30 W	Fl G 4s	15	4	SG on pile.	
		*					15/03
	Manatee River						
22040	- LIGHT 19	27 30 34 N 82 34 44 W	Q G	15	3	SG on dolphin.	
		*					15/03
22355	- RANGE FRONT LIGHT	27 36 51 N 82 39 56 W	Q W	22		KRW on skeleton tower on piles. Visible all around; higher intensity on rangeline.	
		*					15/03
	Cut B Channel						
22465 60475	- LOWER RANGE FRONT LIGHT	27 37 15 N 82 38 13 W	Q W Fl W 6s	39 39	4	KRW-I on pile.	Visible 2° each side of rangeline. Passing light visible all around.
		*					15/03
22720	- Lighted Buoy 1D	27 41 48 N 82 33 21 W	Fl G 2.5s	4		Green.	
		*					15/03
	Alafia River						
23240	- RANGE FRONT LIGHT	27 50 41 N 82 26 52 W	Q R	15		KRW on dolphin.	Visible 2° each side of rangeline.
		*					15/03
	Clearwater Pass						
	Clearwater Pass Channel						
25680 1505	CLEARWATER PASS CHANNEL LIGHT 1	27 58 16 N 82 50 51 W	Fl G 2.5s	20	3	SG on dolphin.	
		*					15/03
25680.5 1505.5	CLEARWATER PASS LIGHT 2	27 58 07 N 82 50 19 W	Fl R 2.5s	16	3	TR on pile.	
		*					15/03
27790	- Daybeacon 68					TR on pile.	Private aid.
		*		*			15/03

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CORRECTIONS TO C. G. LIGHT LIST, VOLUME III ATLANTIC AND GULF COAST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ANCLOTE KEYS TO CRYSTAL RIVER (Chart 11409)							
Homosassa Bay							
28365 1590	- ENTRANCE LIGHT 2	28 41 26 N 82 48 39 W	Fl R 4s	16	4	TR on dolphin.	
		*		*			15/03
Cedar Keys Northwest Channel							
29920 1625	- APPROACH LIGHT 2	29 08 29 N 83 07 51 W	Fl R 2.5s	16	4	TR on pile.	
		*		*			15/03
HORSESHOE POINT TO ROCK ISLANDS (Chart 11407)							
Horseshoe Beach							
30360 1645	- APPROACH LIGHT 2	29 23 17 N 83 20 23 W	Fl R 4s	16	4	TR on dolphin.	
		*					15/03
40640	- LIGHT 26					Remove from list.	
						*	15/03
Lake Worth North							
46655	- Daybeacon 40	26 46 44 N 80 02 47 W				TR-TY on pile.	
		*					15/03
Tampa Bay Cut B Channel							
60475 22465	- LOWER RANGE FRONT LIGHT	27 37 15 N 82 38 13 W	Q W Fl W 6s	39 39	4	KRW-I on pile.	Visible 2° each side of rangeline. Passing light visible all around.
		*					15/03

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ST. JOSEPH AND ST. ANDREW BAYS (Chart 11389)							
St. Joseph Bay Light							
130 2925	St. Joseph Bay Light	29 55 06 N 85 22 50 W	Iso W 6s	78	13	KRW on skeleton tower.	
		*					15/03
2925 130	St. Joseph Bay Light (Range Rear) 2,930 yards, 062.1° from front light.	29 55 06 N 85 22 50 W	Iso W 6s	78		KRW on skeleton tower.	
		*					15/03
4950	MOBILE POINT RANGE FRONT LIGHT	30 12 18 N 88 02 03 W	F R	28		KRW on skeleton tower.	Visible 2° each side of range line.
		*		*			15/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
5430	- MIDDLE REACH RANGE FRONT LIGHT	30 33 49 N 88 02 03 W	Q G	25		KRW on skeleton tower on piles.	
		*					15/03
Gulfport Yacht Basin Channel							
8785	- LIGHT 2	30 21 38 N 89 04 56 W	Q R	17	4	TR on dolphin.	Higher intensity beam up channel toward Biloxi Channel Entrance and down Gulfport Channel.
		*					15/03
12640	- ENTRANCE RANGE FRONT LIGHT	28 54 34 N 89 25 55 W	F W	20		KRW on skeleton tower on piles. Visible 2° each side of rangeline.	
		*					15/03
17200	- RANGE A FRONT LIGHT	29 11 26 N 90 36 43 W	Q W	25		KRW on piles.	
		*			*		15/03
18445 33555	BERWICK BAY RANGE A FRONT LIGHT	29 41 10 N 91 12 36 W	Q W	19		KRW on skeleton tower on piles. Visible from 054.6° to 215.6°.	
		*					15/03
20000	- LIGHT 14		Q R	17	3	TR on pile.	Ra ref.
		*					15/03
20060	- LIGHT 8	29 43 35 N 93 00 34 W	Fl R 6s	15	4	TR on dolphin.	
		*					15/03
23040	UPPER GALVESTON BAY OUTER RANGE FRONT LIGHT	29 28 55 N 94 51 24 W	Q G	35		KRW on skeleton tower on piles. Visible 2° each side of rangeline.	
		*					15/03
23045	UPPER GALVESTON BAY OUTER RANGE REAR LIGHT 1,492 yards, 146° from front light.	29 41 11 N 94 58 54 W	Iso G 6s	65		KRW on skeleton tower on piles. Visible 2° each side of rangeline.	
		*					15/03
24155	UPPER PEGGY'S LAKE OUTBOUND RANGE FRONT LIGHT	29 43 49 N 95 02 47 W	Q G	40		KRW on skeleton tower on piles. For downbound traffic. Visible 2° each side of rangeline.	
		*					15/03
GALVESTON AND TEXAS CITY HARBORS (Chart 11324)							
Texas City Channel							
Buoys are located 60 to 150 feet outside channel limit.							
24700	- CUT A OUTER RANGE FRONT LIGHT	29 20 11 N 94 45 19 W	Q G	25		KRW on skeleton tower on piles. For downbound traffic. Visible 2° each side of rangeline.	
		*					15/03

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 C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
24785	- LIGHT 14	29 22 41 N 94 51 51 W	FIR 4s	17	4	TR on pile.	
		*					15/03
24795	- CUT C RANGE FRONT LIGHT	29 23 03 N 94 52 42 W	Q G	17		KRW on piles.	Visible all around; higher intensity on rangeline.
		*					15/03
24807	- LIGHT 18	29 22 54 N 94 52 48 W	FIR 2.5s	17	3	TR on pile.	
			*				15/03
24810	- LIGHT 19	29 22 45 N 94 52 56 W	FIG 2.5s	17	3	SG on pile.	
			*				15/03
24812	- LIGHT 21	29 22 38 N 94 53 06 W	Q G	17	3	SG on pile.	
			*				15/03
25645 35430	- LIGHT 12	28 56 40 N 95 18 22 W	QR	17	4	TR-SY on pile.	Ra ref.
							15/03
33555 18445	BERWICK BAY RANGE A FRONT LIGHT	29 41 10 N 91 12 36 W	Q W	19		KRW on skeleton tower on piles.	Visible from 054.6° to 215.6°.
		*					15/03
Galveston - Freeport							
35430 25645	FREEPORT ENTRANCE LIGHT 12	28 56 40 N 95 18 22 W	QR	17	4	TR-SY on pile.	Ra ref.
							15/03
37230	- LIGHT 32		QR	17	3	TR-TY on pile.	Ra ref.
			*				15/03
39650	- LIGHT 127		Q G	17	3	SG on pile.	Ra ref. Ra ref.
			*		*		*
							15/03

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI PACIFIC COAST AND PACIFIC ISLANDS, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
COLUMBIA RIVER TO DESTRUCTION ISLAND (Chart 18500)							
695 9890	Cape Disappointment Light	46 16 33 N 124 03 08 W	A1 W R 30s 0.3s W fl 14.7s ec. 0.3s R fl 14.7s ec.	220	W 22 R 18	White conical tower with white band at top and bottom, black band in middle. 53	Emergency light Iso W 6s. operates at reduced intensity. Light is obscured northward of 137.5°. Lighted throughout 24 hours.
		*					*
							15/03

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 C. G. LIGHT LIST, VOLUME VI PACIFIC COAST AND PACIFIC ISLANDS, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
700	North Head Light	46 17 56 N 124 04 41 W	F1 (2) W 30s 0.2s fl 7.3s ec. 0.2s fl 22.3s ec.	194	26 65	White conical tower.	Emergency light Iso W 6s. operates at reduced intensity. Light is obscured eastward of 181°. Lighted throughout 24 hours.
		*				*	15/03
PACIFIC OCEAN TO HARRINGTON POINT (Chart 18521)							
Columbia River							
<i>In the event of flood conditions in the Columbia River, aids to navigation may be temporarily discontinued, lights may be extinguished or destroyed, and buoys may be extinguished or dragged off station. Under such conditions vessel operators should consult local authorities before attempting to navigate in these waters.</i>							
9890 695	Cape Disappointment Light	46 16 33 N 124 03 08 W	A1 W R 30s 0.3s W fl 14.7s ec. 0.3s R fl 14.7s ec.	220	W 22 R 18 53	White conical tower with white band at top and bottom, black band in middle.	Emergency light Iso W 6s. operates at reduced intensity. Light obscured northward of 137.5°. Lighted throughout 24 hours.
		*				*	15/03
9895	- ENTRANCE RANGE FRONT LIGHT	46 16 33 N 124 03 05 W	F R	186		KWB on skeleton structure.	Visible 5° each side of rangeline. Lighted throughout 24 hours.
		*					15/03
9910	- <i>Entrance Lighted Whistle Buoy 2</i>	46 12 46 N 124 08 03 W	F1 R 4s	3	Red.		
		*					15/03
9915	<i>Clatsop Spit Lighted Whistle Buoy 4</i> 100 yards outside channel limit.	46 13 35 N 124 06 50 W	F1 R 2.5s	4	Red.		
		*					15/03
9920	- South Jetty Bell Buoy 2SJ	46 14 02 N 124 05 45 W			Red nun.		
		*			*		15/03
9925	<i>Clatsop Spit Lighted Whistle Buoy 6</i> 325 yards outside channel limit.	46 14 15 N 124 05 51 W	F1 R 4s	3	Red.		
		*					15/03
9930	<i>Peacock Spit Lighted Bell Buoy 7</i>	46 15 09 N 124 06 18 W	Q G	4	Green.		
		*					15/03
9935	<i>Clatsop Spit Lighted Bell Buoy 8</i>	46 15 00 N 124 04 44 W	Q R	3	Red.		
		*					15/03
9945	SAND ISLAND RANGE FRONT LIGHT	46 15 57 N 123 59 34 W	Q G	19		KRW on skeleton tower on pile structure.	Visible 4° each side of rangeline.
		*					15/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI PACIFIC COAST AND PACIFIC ISLANDS, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
HARRINGTON POINT TO CRIMS ISLAND (Chart 18523)							
Miller Sands							
10215	- DIKE LIGHT 5 83 yards outside channel limit.	46 15 24 N 123 40 07 W	Fl G 4s	15	4	SG on dolphin.	Higher intensity beam up and down channel.
		*		*			15/03
10225	- Channel Lighted Buoy 10	46 15 28 N 123 38 56 W	Q R		3	Red.	
							15/03
10230	- DIKE LIGHT 11	46 15 40 N 123 38 31 W	Fl G 6s	19	5	SG on dolphin.	
		*		*			15/03
10460	- DIKE LIGHT 57	46 09 09 N 123 23 08 W	Q G	20	3	SG on dolphin.	
		*		*			15/03
10480	PANCAKE POINT DIKE LIGHT 59	46 08 58 N 123 22 25 W	Fl G 6s	15	4	SG on multi-pile.	
		*		*			15/03
10635	- LIGHT 81	46 11 12 N 123 10 55 W	Fl G 4s	14	5	SG on concrete pad.	
		*		*			15/03
10655	Crims Island Channel Lighted Buoy 86	46 11 09 N 123 07 42 W	Q R		4	Red.	
				*			15/03
10735	- Channel Lighted Buoy 10	46 09 16 N 123 03 29 W	Q R		4	Red.	
		*		*			15/03
14835	SAUVIE ISLAND JUNCTION LIGHT	46 51 39 N 122 47 27 W	Fl (2+1) R 6s	35	3	JR on pile structure.	
		*		*	*		15/03
24625	KLAWOCK LOGGING DOCK LIGHTS (2)	55 13 12 N 133 06 36 W	Fl R 10s	18		On dock.	Private aids.
							15/03
Tutuila Island							
30235	STEPS POINT LIGHT	14 22 22 S 170 45 35 W	Fl W 4s	78	7	NB on spindle.	
		*					15/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VII LIGHT LIST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
Newport Marina							
20386	- Reef Obstruction Lighted Buoy A	42 28 49 N 87 47 53 W	Q W			White can with orange bands and diamond worded REEF.	Private aid.
		*					15/03
ALGOMA TO SHEBOYGAN (Chart 14903)							
Sheboygan							
20805	- GENERATING STATION SOUTH INTAKE CRIB LIGHT 6	43 42 56 N 87 41 58 W	Fl R 3s	46 14		TR on skeleton tower on cylindrical well.	Private aid.
		*					15/03
20810	- GENERATING STATION MIDDLE INTAKE CRIB LIGHT 4		Fl R 10s	50 15		TR on rectangular tower.	Private aid.
		*					15/03
20815	- Generating Station North Intake Lighted Buoy 2	43 43 02 N 87 42 01 W	Fl R 4s			Red.	Maintained from May 1 to Oct. 15. Private aid.
		*					15/03
*Add Heading: *Lanai Island							
*22272	- ENTRANCE LIGHT 1	44 32 21 N 88 00 12 W	F G	11 3		SG on pile.	Private aid.
							15/03
*22273	- ENTRANCE LIGHT 2	44 32 20 N 88 00 12 W	F R	11 3		TR on pile.	Private aid.
							15/03

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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
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PUERTO DE HAINA:

14352 -Entrance. <i>J 5463</i>		18° 25.4' N 70° 01.2' W	Dir. F.W.R.G.		Yellow framework tower.	Bearing not reliable. R. lights mark two chimneys 800 meters SSW.	
*		*					15/03
14356 --Rear, 150 meters 349°50' <i>J 5463.1</i>	from front.					Remove from list.	
*		*					15/03

*15850 Noordwestpunt. <i>J 6330</i>		12° 36.8' N 70° 03.1' W	Fl.(2)W.R. period 10s fl. 0.8s, ec. 1.7s fl. 0.8s, ec. 6.7s	180 55	19	Gray stone tower; 98.	W. 354°-005°, R.-013°, W.-295°.
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15/03

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
*2206 Isla Del Medio. <i>G 1516.5</i>		51° 16.9' S 74° 21.6' W	Fl.W. period 5s fl. 1s, ec. 4s	26 8	9	PORT (B) G, fiberglass tower; 13.	Visible 209°-056°.

15/03

12302 Numas Island. <i>G 5629.6</i>		50° 45.9' N 127° 04.3' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	21 6	7	White round tower.	
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15/03

BROUGHTON STRAIT:

12328 -Pulteney Point. <i>G 5628</i>		50° 37.8' N 127° 09.3' W	Fl.R. period 10s	40 12	14	White square tower.	Visible 278°-145°. Horn (2): 3 bl. ev. 60s.
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15/03

12388 -Boat Bay. <i>G 5613</i>		50° 31.2' N 126° 34.7' W	Q.W.	35 11	7	White round tower, red band at top.	Obscured N. of 102°.
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15/03

12424 -Tuna Point. <i>G 5608</i>		50° 28.5' N 126° 00.1' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	31 9	5	White round tower, red band at top; 19.	
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15/03

12468 -Race Passage East. <i>G 5599</i>		50° 22.9' N 125° 48.8' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	17 5	5	White round tower, green band at top.	
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15/03

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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
12488 <i>G 5598</i>	-Vansittart Point.	50° 22.6' N 125° 44.6' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	32 10	5	White round tower, red band at top; 14.	*
							15/03
12536 <i>G 5583.5</i>	-Steep Island.	50° 04.8' N 125° 15.2' W	Q.W.	22 7	6	White round tower, red band at top.	*
							15/03
12556 <i>G 5582.2</i>	-N. breakwater.	50° 01.7' N 125° 14.4' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	20 6	6	Center pile of 5-pile dolphin, black, white and green square daymark.	*
						*	15/03
12644 <i>G 5574.6</i>	-Whiterock Passage.	50° 14.6' N 125° 06.6' W	Q.W.	17 5	5	White round tower.	*
							15/03
12704 <i>G 5521</i>	Northeast Point.	49° 42.5' N 124° 21.4' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	31 9	7	White round tower, green band at top.	*
							15/03
12776 <i>G 5510</i>	-Merry Island.	49° 28.1' N 123° 54.8' W	Fl.W. period 15s fl. 0.4s, ec. 14.6s	60 18	17	White square tower; 27.	*
							15/03
15308 <i>G 3428</i>	Puerto Arista.	15° 56.5' N 93° 49.8' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	85 26	12	White round concrete tower; 85. Visible 288°-122°.	*
						*	15/03
15332 <i>G 3424.22</i>	-E. breakwater.	14° 41.7' N 92° 24.6' W	Fl.R. period 5s fl. 0.5s, ec. 4.5s	26 8	8	Truncated pyramidal tower; 23.	*
							15/03

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
9756 <i>F 4985.5</i>	-W. breakwater.	33° 52.5' N 131° 00.2' E	Fl.R. period 5s	46 14	7	Red tower; 31.	*
						*	15/03
18758 <i>F 3800.4</i>	No. 1 LANBY	34° 49.0' N 119° 41.8' E	Fl.(2)W. period 10s		8	Red spherical buoy.	
	RACON		O(- - -)		18		
		*					15/03
*19150.6 <i>F 3620.25</i>	Baiyang.	24° 32.4' N 118° 33.1' E	Fl.W. period 4s	62 19	10		
							15/03

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SECTION II

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
21204 -Tg. Chek Jawa. <i>F 1739</i>		1° 24.5' N 103° 59.5' E	Fl.W. period 5s	89 27	10	White triangular daymark, point up, white concrete base; 20.	Visible 309°-314°. * 15/03
		*	*	*	*		
32137.2 -Berth No."9". <i>D 6408</i>		33° 57.7' S 25° 38.2' E	F.R.	30 9	2	Concrete column; 10.	Strip light. * 15/03
		*	*	*			

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
*3505 --Outfall, "BA6". <i>D 2136.5</i>		38° 42.3' N 9° 03.1' W	Fl.Y. period 6s fl. 1s, ec. 5s	13 4	3	SPECIAL Y, beacon, topmark.	15/03

RIBEIRA DE ARADE (PORTIMAO):

3644 -Ponta do Altar, entrance, E. <i>D 2178</i>	side.	37° 06.3' N 8° 31.1' W	L.Fl.W. period 5s fl. 2s, ec. 3s	105 32	16	White tower and dwelling; 33.	Visible 290°-170°. Reserve light F.R. 6M. 15/03
		*	*	*	*	*	
8376 ---Elbow. <i>E 1100.8</i>		39° 11.7' N 8° 23.4' E	2 F.R. (vert.)	33 10	3	Red post; 23.	Visible 195°-063°. * 15/03
		*	*	*	*	*	
*9704.5 Gioia Tauro, N. breakwater. <i>E 1763</i>		38° 26.7' N 15° 53.5' E	Fl.R. period 4s fl. 1s, ec. 3s	46 14	8	Red tower; 33.	

RACON

G(--)

15/03

*9704.6 Dir. Lt. 103°. <i>E 1763.35</i>		38° 26.5' N 15° 54.3' E	Dir.F.Fl.W.R.G. period 3s	72 22	13		Fl.G.098°-099°, F.G.-100.25°, Al.Fl.W.G.-102.5°, F.W.-103.5°, Al.Fl.W.R-105.75°, F.R.-107°, Fl.R.-108°. 15/03
		*	*	*	*	*	
*9704.7 -S. breakwater. <i>E 1763.2</i>		38° 26.6' N 15° 53.4' E	Fl.G. period 4s fl. 1s, ec. 3s	46 14	8	Green tower; 33.	15/03

*Add Heading:

*STRETTO DI MESSINA:

9705 -Condoleo di Scilla Range, <i>E 1764</i>	front.	38° 15.0' N 15° 45.0' E	Fl.(2)Y. period 4s fl. 0.5s, ec. 1s fl. 0.5s, ec. 2s	2	SPECIAL Y, topmark, letter "G".	Marks SW. limit of prohibited area. Private light.
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15/03

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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
14688 <i>E 3869.4</i>	-Ormos Porou, pier, head.	38° 08.9' N 20° 46.9' E	Q.G.	23 7	3	Metal framework on round hut, green band; 16.	
				*	*	*	15/03
14692 <i>E 3869.7</i>	-Akra Sarakini.	38° 09.0' N 20° 47.2' E	Fl.W. period 4s fl. 0.3s, ec. 3.7s	52 16	5	White round hut with metal framework; 20.	
				*	*	*	15/03
*Add Heading: *KOLPOS PETALION:							
*16269 <i>E 4351</i>	-Nea Stira, pier, head.	38° 10.8' N 24° 12.3' E	Fl.G. period 3s fl. 0.3s, ec. 2.7s	23 7	3	Metal framework with gallery and metal column, green band.	
							15/03
*16270 <i>E 4351.3</i>	-Rozani, mole, head.	38° 10.5' N 24° 12.4' E	Fl.G. period 3s fl. 0.3s, ec. 2.7s	23 7	3	Metal framework with gallery and metal column, green band.	
							15/03
18976 <i>E 5633</i>	Ozereyevskiy, river mouth, E.	44° 40.2' N 37° 38.4' E	Fl.(2)W.R. period 6s	125 38	W. 14 R. 9	White tower; 23.	W. shore-320°, R.-048°, W.- shore.
				*	*	*	
						*	15/03
19532 <i>E 5810</i>	Ince Burun, near extremity.	42° 06.0' N 34° 56.8' E	Fl.(4)W. period 20s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 12s	85 26	18	White masonry tower; 39.	
						*	
							15/03
ILHA GRACIOSA:							
23488 <i>D 2674</i>	-Fort do Santo, island, N. side.	39° 05.3' N 28° 00.5' W	Fl.R. period 4s fl. 1s, ec. 3s	46 14	6	Red tower; 20.	Aero Radiobeacon 0.6 mile SSW.
				*	*	*	
				*	*	*	15/03
23608 <i>D 2646</i>	-Lagoa.	37° 44.6' N 25° 34.5' W	Fl.R. period 3s fl. 1s, ec. 2s	30 9	6	Metal column, red and white bands; 13.	
				*	*	*	
							15/03
23653 <i>D 2657.4</i>	-Slipway, W. side.						Remove from list.
							*
							15/03
23724 <i>D 2744</i>	-Camara de Lobos, bay, W. side.	32° 38.8' N 16° 58.5' W	Oc.R. period 6s lt. 4s, ec. 2s	75 23	9	White hut; 6.	Visible 304°-099°.
				*	*	*	
							15/03

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SECTION II

CORRECTIONS TO PUB 114, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
A 1486	-Jetee du Homet Range, front, about 1397 meters from rear.	49° 39.5' N 1° 37.0' W	F.G.	32 10	9	White column, green top on block house; 30.	Forms range 124°18' with common rear.
	*	*			*		*
A 1486.1	-Common rear, Terre-plein du Mielles.	49° 39.1' N 1° 36.0' W	Dir.Iso.G. period 4s	53 16	7 49.	Pylon, black, and white bands;	Intensified 114°30'-134°30'.
			Q.W.	52 16	13	Same structure.	International number A1471.51. Emergency light.
	*	*	*	*	*	*	*
A 1471.5	*8356.1 - - Jetee des Flamands. E., front, 520 meters from common rear.	49° 39.3' N 1° 35.9' W	Q.W.	30 9	13	White pylon; 26.	Forms range 189° with common rear.
							15/03
A 1471	8360 -Fort des Flamands.						Remove from list.
							*
							15/03

CORRECTIONS TO PUB 115, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	17636 -Zemlya Bunge, on W. shore of the high ground.						Remove from list.
							*
							15/03

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SECTION II**PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 15/03**

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.
NIMA HYDRO CATALOG CATP2V01U			SDPUB148	2001	48/01*;23,24/02	COMDTM165024	2002	30*,31,32,33,34,35,
Region 1	2002	1*,2,3,4,7,8,9,10,11, 14,15/03	SDPUB153	2000	6/01*;28,30,41,44, 46,47,48,52/02;1,3, 4,8,13,15/03			36,37,40,41,42,43, 45,46,47,48,49,50,
Region 2	2002	1*,8,15/03	SDPUB154	2002	17*,19,31,42,44,45, 46,48,50/02;3,14/03			51,52/02;1,2,3,4,5,7, 9,10,11,12,13,14, 15/03
Region 3	2002	1/03*	SDPUB155	2001	31*,48/01;10,45, 46/02	COMDTM165025	2002	16/02*
Region 4	2002	1/03*	SDPUB157	2000	20*,27,29,33,34,35, 38,41,44,48/00;1,3, 4,6,7,11,12,13,21, 23,32,47/01;2,5,9, 13,14,20,22,27, 38/02	COMDTM165026	2002	35*,36,40,41,42,43, 44,45,46,47,48,49, 50,51,52/02;1,2,4,5, 6,7,8,9,10,11,12,13, 14,15/03
Region 5	2002	1*,3,5,8/03				COMDTM165027	2002	16*,17,18,19,20,21, 22,23,25,27,29,30, 32,33,34,36,37,40, 43,45,46,47,48,50, 51,52/02;1,4,6,13, 15/03
Region 6	2002	1*,10,11,13/03						
Region 7	2002	1*,11,15/03	SDPUB158	2000	50/00*,5,10,12,13, 15,17,20,24/01; 46/02	FLEET GUIDES		
Region 8	2002	1*,14/03	SDPUB159	2002	42*,48/02	FGPUB940ATL	2001	N47/01*
Region 9	2002	1/03*	SDPUB160	2002	47*,48,49,52/02;6,8, 10,11/03	FGPUB941PAC	2001	N22/01*
Miscellaneous Charts and Publications	2002	1*,2,4,5,6,7,9,11,12, 13,15/03	SDPUB161	2002	23*,24,44,47,48/02; 5,12/03			
			SDPUB162	2001	51/01*,5,12/03	NOS MISCELLANEOUS PUBLICATIONS		
LLPUB110	2003	7*,8,9,11,13,14, 15/03	SDPUB163	2002	18*,20,21,26,46, 51/02;13/03	NOSPBCATALOG1	2000	20/00*
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, 12,15/03	SDPUB164	2000	30/00*,31,35,36/01; 8/03	NOSPBCATALOG2	2000	34/00*
LLPUB112	2003	4*,5,6,7,8,9,10,11, 12,13,14,15/03	SDPUB165	2001	40*,47,48,52/01;5,9, 14,16,41/02	NOSPBCATALOG3	2000	28/00*
LLPUB113	2002	45*,47,48,50,51, 52/02;1,2,3,4,5,6,7, 8,10,11,12,13,14, 15/03	SDPUB166	2001	1*,2,3,5,6,7,8,9,14, 15,16,17,18,19,20, 22,24/02;1,11,12,13, 14,15/03	NOSPBCATALOG4	2000	34/00*
LLPUB114	2002	13*,15,16,17,19,20, 21,22,23,24,31,32, 34,35,36,38,39,40, 41,43,45,46,47,48, 49,51/02;1,4,5,6,14, 15/03	SDPUB167	2001	50*,51/02;3/03			
LLPUB115	2002	39*,40,41,44,45,50, 51,52/02;1,15/03	SDPUB168	2002	7*,19,37,45,51, 52/01;1,5,14,19,22, 28,33,37,38,48/02	ALMANACS		
LLPUB116	2002	18*,20,21,22,24,25, 26,27,29,31,34,37, 41,42,44,45,46,47, 48,49,50,52/02;1,2, 4,5,6,7,8,9,10,11,12, 13/03	SDPUB169	2001	41*,43,45,51/01;8, 11,12,13,14,16,17, 21,27,37,41,49/02	AIRALMANAC301	2003	44/02*
			SDPUB170	2002	32*,33,42,47,48, 50/02;6,13,14/03	NAUTALMANAC03	2003	44/02*
			SDPUB171	2001	38*,39/02			
			SDPUB172	2001	8*,10,12,41/02	COAST PILOT		
			SDPUB173	2001	14*,15,16,17,18,20, 22,24/02;1,11,12,13, 14,15/03	NOSPBCP1	32	37*,39,41,47,51/01; 1,5,7,13,18,33,37, 39,42,45,49,51/02;3, 9,10/03
			SDPUB174	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;2,9,12,15/03	NOSPBCP2	31	44*,47,51,52/01;5,7, 12,13,18,23,33,37, 39,42,45,48,51/02;3, 6,11,13/03
			SDPUB175	2001	20*,21,22,23,27,28, 29,30,31,32,33,34,36, 44,45,47,48/01;10, 14,15,16,17,42, 50/02;2,9,12,15/03	NOSPBCP3	35	3*,5,7,12,15,17,18, 21,22,27,28,33,37, 42,45,49,51/02;3,10, 12,13,14/03
			SDPUB176	2002	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	NOSPBCP4	34	49*,51/02;12,14/03
			SDPUB177	2000	27*,38,49/00*9,26, 27,31,32/01;14,15, 26,52/02	NOSPBCP5	30	2*,6,10,12,14/03
			SDPUB178	2002	1,2,3,15/03	NOSPBCP6	32	19*,20,21,33,39,45, 47,49,51/02;3,6/03
			SDPUB179	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	NOSPBCP7	34	1*,3,10/03
			SDPUB180	2002	29,30,31,33,34,36, 44,45,47,48/01;10, 14,15,16,17,42, 50/02;2,9,12,15/03	NOSPBCP8	24	3*,5,16,17,19,23,33, 37,40,47,50,51/02; 9/03
			SDPUB181	2002	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	NOSPBCP9	20	12*,20,23,33,37,45, 50,51/02;3,6,9,10, 14/03
			SDPUB182	2001	28*,39,42/02			
			SDPUB183	2001		RADIO NAVIGATIONAL AIDS		
			SDPUB184	2000		RAPUB117	2002	50/02*,13/03
			SDPUB185	2000				
			SDPUB186	2000		AMERICAN PRACTICAL NAVIGATOR		
			SDPUB187	2000		NVPUB9	2002	36/02*,14/03
			SDPUB188	2000				
			SDPUB189	2000		INTERNATIONAL CODE OF SIGNALS		
			SDPUB190	2000		NVPUB102	1999	46/99*,52/01
			SDPUB191	2000				
			SDPUB192	2000		WORLD PORT INDEX		
			SDPUB193	2000		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, 42,46,49,1/02,2,7,10, 15/03
			SDPUB194	2000				
			SDPUB195	2002		DISTANCES BETWEEN PORTS		
			SDPUB196	2002		NVPUB151	2001	4/02*
			SDPUB197	2002				
			SDPUB198	2002		RADAR NAVIGATION AND MANEUVERING BOARD MANUAL		
			SDPUB199	2002		CDPUBNV1310	2001	51/01*
			SDPUB200	2002				

SECTION II

**PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 15/03**

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

NIMA Reference No.	Ed.	Notice to Mariners No.		
SIGHT REDUCTION TABLES (MARINE)				
SRPUB229V1	1970	11/71*		
SRPUB229V2	1970	11/71*		
SRPUB229V3	1970	7/71*		
SRPUB229V4	1970	3/71*		
SRPUB229V5	1970	3/71*		
SRPUB229V6	1970	23/70*		
SIGHT REDUCTION TABLES (AIR)				
SRPUB249V1	2000	4/01*		
SRPUB249V2	1952	46/52*		
SRPUB249V3	1952	46/52*		
CHART NO. 1				
WOBZC1	1997	18/98*		
CHART NO. 4				
WOBZC4	1988	N20/89*		
ATLAS OF PILOT CHARTS				
NVPUB107	1998	30/99*		
NVPUB109	2001	49/02*		
USCG NAVIGATION RULES				
COMDTM166722D	1999	44/99*;52/00		
NOS TIDE TABLES				
NOSPBTTCWPACIN3	2003	N4/03*		
NOSPBTTECSTNSA3	2003	N4/03*		
NOSPBTTEURAFR3	2003	N4/03*		
NOSPBTWCSTNSA3	2003	N4/03*		
TIDAL CURRENT TABLES				
NOSPBTCTATCSTN3	2003	N4/03*		
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 271200Z March 2003:

2001 series	346(GEN)	2003 series	107(GEN)	112(GEN)	117(14)
393(GEN)	351(11)	99(11)	108(26,27)	113(24)	118(14)
2002 series	365(14)	105(24)	109(11,26)	115(GEN)	119(GEN)
219(GEN)	468(GEN)	106(GEN)	111(GEN)	116(14)	

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 201200Z to 271200Z March 2003.

107/03(GEN). MARAD ADVISORY 04-03.

NIMA PUB. 117, RADIO NAVIGATIONAL AIDS, INSTRUCTIONS FOR THE PREVENTION AND REPORTING OF HOSTILE INCIDENTS DIRECTED AT MERCHANT SHIPS.

1. HOSTILE ACTIONS DIRECTED AT MERCHANT SHIPPING ARE A PRESENT AND GROWING PROBLEM. THESE HOSTILE ACTIONS INCLUDE PIRACY, THEFT AND TERRORISM.
2. SEVERAL AGENCIES, NATIONALLY AND INTERNATIONALLY, ASSIST IN COUNTERING THIS PROBLEM. THE FIRST STEP IN CONTROLLING THE PROBLEM IS TO ESTABLISH A RELIABLE DATABASE OF INCIDENTS TO DEFINE THE AREA AND DEGREE OF THE PROBLEM. SUCH A DATABASE HAS BEEN INSTITUTED BY THE NATIONAL IMAGERY AND MAPPING AGENCY (NIMA) AS THE ANTI-SHIPPING ACTIVITY MESSAGE (ASAM) FILE. THIS FILE CAN BE ACCESSED VIA THE INTERNET AT NIMA'S MARITIME SAFETY INFORMATION WEBSITE AT POLLUX.NSS.NIMA.MIL.
3. NIMA HAS ALSO ESTABLISHED SHIP HOSTILE ACTION REPORT (SHAR) PROCEDURES TO DISSEMINATE INFORMATION WITHIN THE U.S. GOVERNMENT ON HOSTILE ACTIONS AGAINST U.S. MERCHANT SHIPS. THE PROCEDURES FOR SENDING SHAR REPORTS ARE DETAILED IN NIMA PUB. 117, RADIO NAVIGATIONAL AIDS, EDITION 2002, ON PAGE 4-15.
4. IT SHOULD BE NOTED THAT NEITHER THE ASAM NOR SHAR REPORTS ARE A DISTRESS MESSAGE. U.S. AND EFFECTIVE U.S. CONTROLLED (EUSC) VESSELS UNDER ATTACK OR THREAT OF ATTACK MAY REQUEST DIRECT ASSISTANCE FROM THE U.S. NAVY BY FOLLOWING THE PROCEDURES IN PART II OF CHAPTER 4 OF PUB. 117, EDITION 2002.
5. THE MARITIME ADMINISTRATION URGES ALL VESSELS TO CARRY NIMA PUB. 117, RADIO NAVIGATIONAL AIDS, EDITION 2002. AN INCENTIVE FOR ALL SHIP OPERATORS TO HAVE THE NEW EDITION OF PUB. 117 ON BOARD THEIR VESSELS IS THE IMO CONCURRENCE THAT PUB. 117 SHOULD BE ACCEPTED FOR CARRIAGE TO MEET THE REQUIREMENTS OF SOLAS REGULATION V/20 IN LIEU OF THE GMDSS MASTER PLAN.(THE FULL TEXT OF THIS ANNOUNCEMENT IS PRINTED IN NOTICE TO MARINERS 50/02, DATED 14 DECEMBER 2002.) NIMA PUB. 117 CAN BE ACCESSED VIA THE INTERNET AT NIMA'S MARITIME SAFETY INFORMATION WEB SITE AT POLLUX.NSS.NIMA.MIL.
6. ALL NIMA NAVIGATIONAL PUBLICATIONS OFFERED FOR SALE MAY BE ORDERED ONLINE, BY PHONE OR FAX, OR BY MAIL. ORDERS CAN BE PLACED ON THE ENCRYPTION-PROTECTED U.S. GOVERNMENT ONLINE BOOKSTORE AT (BOOKSTORE.GPO.GOV), BY PHONE (202-512-1800, 1-866-512-1800, TOLL FREE FROM 7:30 AM UNTIL 4:30 PM EASTERN, MONDAY THROUGH FRIDAY), FAX (202-512-2250, 24 HOURS A DAY), OR BY REGULAR MAIL. SEND MAIL ORDERS AND PAYMENT TO: SUPERINTENDENT OF DOCUMENTS, P.O. BOX 371954, PITTSBURGH, PA 15250-7954
7. VESSEL OPERATORS ARE REQUESTED TO FORWARD THIS ADVISORY TO THEIR VESSELS, TERMINAL AND SECURITY OFFICIALS AS APPROPRIATE. THIS ADVISORY WILL SUBSEQUENTLY BE PUBLISHED IN NIMA'S WEEKLY NOTICE TO MARINERS AND MARAD'S INTERNET WEB SITE AT 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
9. CANCEL MARAD ADVISORY 05-01.
10. CANCEL THIS MSG 02 MAY.

(210044Z MAR 2003)

108/03(26,27). GUANTANAMO BAY NAVAL DEFENSE SEA AREA.

AT NO TIME SHALL ANY SHIP OR OTHER CRAFT, OTHER THAN PUBLIC SHIPS OF THE UNITED STATES, BE NAVIGATED INTO GUANTANAMO BAY NAVAL DEFENSIVE SEA AREA, UNLESS AUTHORIZED BY THE SECRETARY OF THE NAVY. COMMANDER, U.S. NAVAL BASE, GUANTANAMO BAY, CUBA, HAS BEEN AUTHORIZED TO ACT ON REQUESTS FROM VESSELS WHOSE NORMAL LEGITIMATE BUSINESS REQUIRES ENTRY INTO GUANTANAMO BAY. U.S. NAVAL BASE GUANTANAMO MAINTAINS A COMMUNICATIONS GUARD "GUANTANAMO BAY PORT CONTROL" ON MARINE BAND VHF CHANNEL 12 (156.6MZ) AND 16 (156.8MZ). THE GUANTANAMO BAY NAVAL DEFENSIVE SEA AREA IS DESCRIBED AS FOLLOWS:

SECTION III

THE TERRITORIAL WATERS WITHIN GUANTANAMO BAY, CUBA BETWEEN HIGH AND LOW WATER MARK AND THE SEA AND IN AND ABOUT THE ENTRANCE CHANNEL WITHIN A LINE BEARING TRUE SOUTH EXTENDING THREE NAUTICAL MILES FROM THE SHORE LINE OF THE EASTERN BOUNDARY OF GUANTANAMO NAVAL RESERVATION (LONGITUDE 75 DEGREES 05 MINUTES 15 SECONDS) AND A LINE BEARING TRUE SOUTH EXTENDING THREEE NAUTICAL MILES FROM THE SHORELINE OF THE WESTERN BOUNDARY OF THE SAID NAVAL RESERVATION (LONGITUDE 75 DEGREES 14 MINUTES 00 SECONDS) AND A LINE JOINING THE EXTREMITIES OF THE ABOVE TWO BEARING LINES, AND HEREBY SET APART AND RESERVED AS A NAVAL DEFENSIVE SEA AREA. ALL VESSELS ARE DIRECTED TO STAND CLEAR OF THE GUANTANAMO BAY NAVAL DEFENSIVE SEA AREA.

(212251Z MAR 2003)

109/03(11,26). NORTH ATLANTIC. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS:
 - A. 0500Z TO 0459Z COMMENCING DAILY 24 THRU 30 MAR IN AREA BOUND BY 30-45.0N 080-32.0W, 30-45.0N 079-40.0W, 30-37.5N 079-40.0W, 30-34.0N 080-33.0W.
 - B. 0500Z TO 0459Z COMMENCING DAILY 24 THRU 30 MAR IN AREA BETWEEN 29-20.0N 29-10.0N AND 079-50.0W 079-40.0W.
 - C. 1300Z TO 0459Z COMMENCING DAILY 25 AND 27 MAR IN AREA BETWEEN 29-40.0N 29-50.0N AND 080-30.0W 080-40.0W.
2. CANCEL THIS MSG 310559Z MAR.

(220100Z MAR 2003)

110/03. CANCELED.

111/03(GEN).

1. NAVAREA IV MESSAGES IN FORCE 221000Z MAR 2003. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN. 2003 SERIES: 99(11), 102(11,26), 105(24), 106(GEN), 107(GEN), 108(26,27), 109(11,26), 110(11).
2. THE SUMMARY OF ALL NAVAREA IV MESSAGES IN FORCE AS OF 12 DEC 2002 IS GIVEN IN SEC III OF NM 52/02.
3. CANCEL NAVAREA IV 52/03, 101/03.

(221010Z MAR 2003)

112/03(GEN). INTERNATIONAL ICE PATROL.

1. THE 2003 INTERNATIONAL ICE PATROL SEASON WILL OPEN WITH THE TRANSMISSION OF THE 0000Z BULLETIN ON 24 MAR. THE 0000Z AND 1200Z BULLETINS WILL BE BROADCAST OVER THE INMARSAT SAFETYNET (AOR-E AND AOR-W) SYSTEM. NBDP (FEC) BROADCASTS OF THE BULLETINS WILL BE AVAILABLE FROM COGARD CAMSLANT CHESAPEAKE/NIK AT 0030Z ON 6314, 8416.5, 12579 KHZ AND AT 1218Z ON 8416.5, 12579, 16806.5 KHZ. NAVTEX ICE BROADCASTS WILL BE AVAILABLE FROM COGARD CAMSLANT CHESAPEAKE/NIK AT 0045Z, 0445Z, 0845Z, 1245Z, 1645Z AND 2045Z ON 518 KHZ. RADIO FACSIMILE CHARTS WILL BE BROADCAST AT 1600Z AND 1810Z ON 6340.5, 9110, 12750 KHZ, DRUM SPEED 120. BROADCAST TIMES MAY BE OBTAINED BY CALLING 860 441 2626 OR VIA INTERNET AT WWW.USCG.MIL/LANTAREA/IIP/IPPRODS.HTML
2. USE EXTREME CAUTION WHEN NEAR THE GRAND BANKS AS ICE MAY BE PRESENT. REPORT POSITION AND TIME OF ANY ICE ENCOUNTERED TO COMINTICEPAT VIA CG COMMUNICATIONS STATION NMF, NMN, INMARSAT CODE 42 OR ANY CANADIAN COAST GUARD RADIO STATION. MAKE UNCLASSIFIED SEA SURFACE TEMPERATURE AND WEATHER REPORTS TO COMINTICEPAT EVERY SIX HOURS WITHIN LATITUDES 40N AND 52N AND LONGITUDES 39W AND 57W. ICE INFORMATION FOR CANADIAN COASTAL WATERS IS AVAILABLE FROM THE CANADIAN ICE SERVICE OR THE CANADIAN COAST GUARD.
3. AN EARLIER OPENING TO THE 2003 INTERNATIONAL ICE PATROL SEASON IS POSSIBLE BASED ON ICE PATROL RECONNAISSANCE.
4. CANCEL THIS MSG 05 APR.

(221510Z MAR 2003)

113/03(24). NORTH ATLANTIC. TRINIDAD.

1. GEOPHYSICAL OPERATIONS IN PROGRESS UNTIL 19 APR BY M/V COASTAL.COM TOWING 200 METER LONG CABLE ALONG TRACKLINE BETWEEN 09-55.2N 060-31.9W AND 10-07.5N 061-03.2W. WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 20 APR.

(241900Z MAR 2003)

114/03. CANCELED.

SECTION III

NM 15/03

115/03(GEN). NORTH ATLANTIC. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 312154Z TO 312255Z MAR, ALTERNATE 012150Z TO 012251Z APR IN AREAS BOUND BY:
 - A. 28-30N 080-33W, 28-30N 080-29W, 28-22N 080-11W,
28-05N 079-21W, 28-01N 079-22W, 28-19N 080-15W,
28-23N 080-36W.
 - B. 28-36N 080-26W, 28-30N 080-09W, 28-13N 080-15W,
28-19N 080-32W.
 - C. 27-39N 077-24W, 27-17N 076-23W, 26-48N 076-35W,
27-10N 077-35W.
 - D. 19-01N 058-24W, 15-26N 053-03W, 13-22N 054-26W,
16-57N 059-48W.
2. CANCEL THIS MSG 012351Z APR.

(261010Z MAR 2003)

116/03(14). NORTH ATLANTIC. ICE.

1. LARGE ICEBERG REPORTED VICINITY
44-49.5N 049-10.8W.
2. CANCEL THIS MSG 271414Z MAR.

(261414Z MAR 2003)

117/03(14). NORTH ATLANTIC. ICE.

1. ICEBERG SIGHTED IN 44-46N 049-18W AT 261207Z MAR.
2. CANCEL THIS MSG 271450Z MAR.

(261450Z MAR 2003)

118/03(14). NORTH ATLANTIC. ICE.

1. RADAR TARGET REPORTED IN 48-04N 045-14W.
2. CANCEL THIS MSG 271930Z MAR.

(261930Z MAR 2003)

119/03(GEN). NORTH ATLANTIC. GULF OF MEXICO. NAVTEX.

NAVTEX STATIONS BOSTON, PORTSMOUTH, MIAMI AND NEW ORLEANS OFF AIR.

(270750Z MAR 2003)

SECTION III

HYDROLANTS

Messages in force 271200Z March 2003:

2000 series	1485(24)	271(GEN)	483(57)	585(24)	627(24)
1569(36)	2027(GEN)	309(24)	484(52,53)	589(54)	628(24)
2937(38)	2203(51)	317(37)	485(53)	595(55)	629(53)
3762(43)	2354(53)	339(GEN)	490(51)	597(54,56)	630(23,29)
4265(44)	2673(GEN)	368(54)	496(55)	599(GEN)	631(55)
2001 series	2682(51)	369(51)	522(24)	602(54,56)	632(37)
611(44)	2808(24)	381(56)	533(53)	604(26,27)	633(37)
1798(37)	2848(37)	382(24,25)	536(36)	607(GEN)	634(57)
2659(GEN)	2869(52)	383(57)	544(55)	608(37)	635(51)
2700(37)	2882(54)	390(22)	551(53)	610(GEN)	636(37)
2864(53)	2883(54)	404(37)	553(35,36)	611(55)	637(14)
3161(44)	2003 series	427(56)	563(37)	615(54,56)	638(14)
2002 series	41(37)	433(GEN)	573(55)	618(24)	639(54)
245(GEN)	65(53)	452(53)	577(51)	621(52)	640(14)
246(GEN)	67(37)	463(52,53)	579(37)	622(52,53)	641(24)
383(53)	76(54)	476(54)	580(53)	624(52)	
946(53)	181(57)	481(37)	583(GEN)	626(24)	

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 201200Z to 271200Z March 2003.

594/03. CANCELED.

595/03(55). BLACK SEA. GUNNERY. MISSILES.

1. HAZARDOUS OPERATIONS 0830Z TO 1630Z DAILY
25 THRU 28 MAR IN AREA BOUND BY
44-43.8N 032-52.2E, 44-34.8N 032-37.4E,
44-39.0N 032-11.6E, 44-48.4N 032-08.2E,
45-00.2N 032-14.2E, 44-52.2N 032-41.6E.
2. CANCEL HYDROLANT 586/03(23) AND 592/03.
3. CANCEL THIS MSG 281730Z MAR.

(201849Z MAR 2003)

596/03. CANCELED.

597/03(54,56). EASTERN MEDITERRANEAN SEA.

1. U.S. FORCES IN THE EASTERN MEDITERRANEAN HAVE ESTABLISHED A MARITIME SAFETY ZONE AND ARE CONDUCTING COMBAT OPERATIONS IN INTERNATIONAL WATERS THAT POSE A HAZARD TO NAVIGATION. ALL VESSELS ARE ADVISED TO EXERCISE EXTREME CAUTION AND TO REMAIN CLEAR OF THE FOLLOWING DESIGNATED OPERATION AREA BOUND BY 32-28.0N 033-22.0E, 31-40.0N 033-22.0E, 31-55.0N 032-20.0E, 32-46.8N 032-20.0E.
2. ALL VESSELS SHOULD MAINTAIN A SAFE DISTANCE FROM U.S.FORCES SO THAT INTENTIONS ARE CLEAR AND UNDERSTOOD BY U.S. FORCES. VESSELS THAT ENTER THE MARITIME SAFETY ZONE WHICH ARE APPROACHING U.S. FORCES, OR VESSELS WHOSE INTENTIONS ARE UNCLEAR ARE SUBJECT TO BOARDING AND VISIT BY U.S. FORCES. ALL VESSELS APPROACHING U.S. FORCES ARE REQUESTED TO MAINTAIN RADIO CONTACT WITH U.S. FORCES ON BRIDGE-TO-BRIDGE CHANNEL 16.
3. U.S. FORCES WILL EXERCISE APPROPRIATE MEASURES IN SELF-DEFENSE IF WARRANTED BY THE CIRCUMSTANCES. VESSELS APPROACHING U.S. FORCES WILL HELP MAKE THEIR INTENTIONS CLEAR AND AVOID UNNECESSARY INITIATION OF SUCH DEFENSIVE MEASURES BY MAKING PRIOR CONTACT AS DESCRIBED ABOVE.
4. NOTHING IN THIS WARNING IS INTENDED TO LIMIT OR EXPAND THE INHERENT SELF-DEFENSE RIGHTS OF U.S. FORCES. THIS WARNING IS PUBLISHED SOLELY FOR SAFETY OF NAVIGATION AND TO WARN VESSELS AWAY FROM COMBAT ACTIVITIES.
5. CANCEL HYDROLANT 509/03.

(202135Z MAR 2003)

598/03. CANCELED.

599/03(GEN). MARAD ADVISORY 04-03.

- NIMA PUB. 117, RADIO NAVIGATIONAL AIDS, INSTRUCTIONS FOR THE PREVENTION AND REPORTING OF HOSTILE INCIDENTS DIRECTED AT MERCHANT SHIPS.
1. HOSTILE ACTIONS DIRECTED AT MERCHANT SHIPPING ARE A PRESENT AND GROWING PROBLEM. THESE HOSTILE ACTIONS INCLUDE PIRACY, THEFT AND TERRORISM.
 2. SEVERAL AGENCIES, NATIONALLY AND INTERNATIONALLY, ASSIST

SECTION III

- IN COUNTERING THIS PROBLEM, THE FIRST STEP IN CONTROLLING THE PROBLEM IS TO ESTABLISH A RELIABLE DATABASE OF INCIDENTS TO DEFINE THE AREA AND DEGREE OF THE PROBLEM. SUCH A DATABASE HAS BEEN INSTITUTED BY THE NATIONAL IMAGERY AND MAPPING AGENCY (NIMA) AS THE ANTI-SHIPPING ACTIVITY MESSAGE (ASAM) FILE. THIS FILE CAN BE ACCESSED VIA THE INTERNET AT NIMA'S MARITIME SAFETY INFORMATION WEBSITE AT POLLUX.NSS.NIMA.MIL.
3. NIMA HAS ALSO ESTABLISHED SHIP HOSTILE ACTION REPORT (SHAR) PROCEDURES TO DISSEMINATE INFORMATION WITHIN THE U.S. GOVERNMENT ON HOSTILE ACTIONS AGAINST U.S. MERCHANT SHIPS. THE PROCEDURES FOR SENDING SHAR REPORTS ARE DETAILED IN NIMA PUB. 117, RADIO NAVIGATIONAL AIDS, EDITION 2002, ON PAGE 4-15.
 4. IT SHOULD BE NOTED THAT NEITHER THE ASAM NOR SHAR REPORTS ARE A DISTRESS MESSAGE. U.S. AND EFFECTIVE U.S. CONTROLLED (EUSC) VESSELS UNDER ATTACK OR THREAT OF ATTACK MAY REQUEST DIRECT ASSISTANCE FROM THE U.S. NAVY BY FOLLOWING THE PROCEDURES IN PART II OF CHAPTER 4 OF PUB. 117, EDITION 2002.
 5. THE MARITIME ADMINISTRATION URGES ALL VESSELS TO CARRY NIMA PUB. 117, RADIO NAVIGATIONAL AIDS, EDITION 2002. AN INCENTIVE FOR ALL SHIP OPERATORS TO HAVE THE NEW EDITION OF PUB. 117 ON BOARD THEIR VESSELS IS THE IMO CONCURRENCE THAT PUB. 117 SHOULD BE ACCEPTED FOR CARRIAGE TO MEET THE REQUIREMENTS OF SOLAS REGULATION V/20 IN LIEU OF THE GMDSS MASTER PLAN.(THE FULL TEXT OF THIS ANNOUNCEMENT IS PRINTED IN NOTICE TO MARINERS 50/02, DATED 14 DECEMBER 2002.) NIMA PUB. 117 CAN BE ACCESSED VIA THE INTERNET AT NIMA'S MARITIME SAFETY INFORMATION WEB SITE AT POLLUX.NSS.NIMA.MIL.
 6. ALL NIMA NAVIGATIONAL PUBLICATIONS OFFERED FOR SALE MAY BE ORDERED ONLINE, BY PHONE OR FAX, OR BY MAIL. ORDERS CAN BE PLACED ON THE ENCRYPTION-PROTECTED U.S. GOVERNMENT ONLINE BOOKSTORE AT (BOOKSTORE.GPO.GOV), BY PHONE (202-512-1800, 1-866-512-1800, TOLL FREE FROM 7:30 AM UNTIL 4:30 PM EASTERN, MONDAY THROUGH FRIDAY), FAX (202-512-2250, 24 HOURS A DAY), OR BY REGULAR MAIL. SEND MAIL ORDERS AND PAYMENT TO: SUPERINTENDENT OF DOCUMENTS, P.O. BOX 371954, PITTSBURGH, PA 15250-7954
 7. VESSEL OPERATORS ARE REQUESTED TO FORWARD THIS ADVISORY TO THEIR VESSELS, TERMINAL AND SECURITY OFFICIALS AS APPROPRIATE. THIS ADVISORY WILL SUBSEQUENTLY BE PUBLISHED IN NIMA'S WEEKLY NOTICE TO MARINERS AND MARAD'S INTERNET WEB SITE AT 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
 9. CANCEL MARAD ADVISORY 05-01.
 10. CANCEL THIS MSG 02 MAY.

(210047Z MAR 2003)

600/03 and 601/03. CANCELED.

602/03(54,56). EASTERN MEDITERRANEAN SEA.

1. U.S. FORCES IN THE EASTERN MEDITERRANEAN HAVE ESTABLISHED A MARITIME SAFETY ZONE AND ARE CONDUCTING COMBAT OPERATIONS IN INTERNATIONAL WATERS EAST OF CYPRUS THAT POSE A HAZARD TO NAVIGATION. ALL VESSELS ARE ADVISED TO EXERCISE EXTREME CAUTION AND TO REMAIN CLEAR OF AREA BOUND BY 35-25N 034-40E, 35-25N 035-30E, 34-40N 035-35E, 34-10N 035-10E, 34-10N 033-55E, 34-25N 033-55E, 34-55N 034-25E, 35-15N 034-25E.
2. ALL VESSELS SHOULD MAINTAIN A SAFE DISTANCE FROM U.S. FORCES SO THAT INTENTIONS ARE CLEAR AND UNDERSTOOD BY U.S. FORCES. VESSELS THAT ENTER THE MARITIME SAFETY ZONE WHICH ARE APPROACHING U.S. FORCES, OR VESSELS WHOSE INTENTIONS ARE UNCLEAR ARE SUBJECT TO BOARDING AND VISIT BY U.S. FORCES. ALL VESSELS APPROACHING U.S. FORCES ARE REQUESTED TO MAINTAIN RADIO CONTACT WITH U.S. FORCES ON BRIDGE TO BRIDGE CHANNEL 16.
3. U.S. FORCES WILL EXERCISE APPROPRIATE MEASURES IN SELF-DEFENSE IF WARRANTED BY THE CIRCUMSTANCES. VESSELS APPROACHING U.S. FORCES WILL HELP MAKE THEIR INTENTIONS CLEAR AND AVOID UNNECESSARY INITIATION OF SUCH DEFENSIVE MEASURES BY MAKING PRIOR CONTACT AS DESCRIBED ABOVE.
4. NOTHING IN THIS WARNING IS INTENDED TO LIMIT OR EXPAND THE INHERENT SELF-DEFENSE RIGHTS OF U.S. FORCES. THIS SPECIAL WARNING IS PUBLISHED SOLELY FOR SAFETY OF NAVIGATION AND TO WARN VESSELS AWAY FROM COMBAT ACTIVITIES.

(211240Z MAR 2003)

603/03. CANCELED.

604/03(26,27). GUANTANAMO BAY NAVAL DEFENSE SEA AREA.

AT NO TIME SHALL ANY SHIP OR OTHER CRAFT, OTHER THAN PUBLIC SHIPS OF THE UNITED STATES, BE NAVIGATED INTO GUANTANAMO BAY NAVAL DEFENSIVE SEA AREA, UNLESS AUTHORIZED BY THE SECRETARY OF THE NAVY. COMMANDER, U.S. NAVAL BASE, GUANTANAMO BAY, CUBA, HAS BEEN AUTHORIZED TO ACT ON REQUESTS FROM VESSELS WHOSE NORMAL LEGITIMATE BUSINESS REQUIRES ENTRY INTO GUANTANAMO BAY. U.S. NAVAL BASE GUANTANAMO

SECTION III

MAINTAINS A COMMUNICATIONS GUARD "GUANTANAMO BAY PORT CONTROL" ON MARINE BAND VHF CHANNEL 12 (156.6MZ) AND 16 (156.8MZ). THE GUANTANAMO BAY NAVAL DEFENSIVE SEA AREA IS DESCRIBED AS FOLLOWS: THE TERRITORIAL WATERS WITHIN GUANTANAMO BAY, CUBA BETWEEN HIGH AND LOW WATER MARK AND THE SEA AND IN AND ABOUT THE ENTRANCE CHANNEL WITHIN A LINE BEARING TRUE SOUTH EXTENDING THREE NAUTICAL MILES FROM THE SHORE LINE OF THE EASTERN BOUNDARY OF GUANTANAMO NAVAL RESERVATION (LONGITUDE 75 DEGREES 05 MINUTES 15 SECONDS) AND A LINE BEARING TRUE SOUTH EXTENDING THREEE NAUTICAL MILES FROM THE SHORELINE OF THE WESTERN BOUNDARY OF THE SAID NAVAL RESERVATION (LONGITUDE 75 DEGREES 14 MINUTES 00 SECONDS) AND A LINE JOINING THE EXTREMITIES OF THE ABOVE TWO BEARING LINES, AND HEREBY SET APART AND RESERVED AS A NAVAL DEFENSIVE SEA AREA. ALL VESSELS ARE DIRECTED TO STAND CLEAR OF THE GUANTANAMO BAY NAVAL DEFENSIVE SEA AREA.

(212253Z MAR 2003)

605/03 and 606/03. CANCELED.

607/03(GEN).

1. HYDROLANT MESSAGES IN FORCE 221200Z MAR 2003. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN. 2003 SERIES: 309(24), 317(37), 339(GEN), 368(54), 369(51), 381(56), 382(24,25), 383(57), 390(22), 404(37), 427(56), 433(GEN), 452(53), 463(52,53), 476(54), 481(37), 483(57), 484(52,53), 485(53), 490(51), 496(55), 522(24), 533(53), 536(36), 540(53), 544(55), 548(55), 551(53), 553(35,36), 554(37), 563(37), 569(24), 573(55), 577(51), 579(37), 580(53), 582(37), 583(GEN), 585(24), 589(54), 595(55), 596(36), 597(54,56), 598(37), 599(GEN), 600(24), 601(24), 602(54,56), 603(24), 604(26,27).
2. THE SUMMARY OF ALL HYDROLANT MESSAGES IN FORCE AS OF 12 DEC 2002 IS GIVEN IN SEC III OF NM 52/02.
3. CANCEL HYDROLANT 262/03, 273/03, 448/03, 547/03.

(221310Z MAR 2003)

608/03(37). FRANCE-NORTHWEST COAST.

UNDERWATER OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE BY CABLESHIP LEON THEVENIN WITH SUBMERSIBLE VICINITY OF TRACKLINE JOINING 48-14N 006-06W, 48-23N 006-16W, 48-49N 006-00W.
WIDE BERTH REQUESTED.

(221420Z MAR 2003)

609/03. CANCELED.

610/03(GEN). INTERNATIONAL ICE PATROL.

1. THE 2003 INTERNATIONAL ICE PATROL SEASON WILL OPEN WITH THE TRANSMISSION OF THE 0000Z BULLETIN ON 24 MAR. THE 0000Z AND 1200Z BULLETINS WILL BE BROADCAST OVER THE INMARSAT SAFETYNET (AOR-E AND AOR-W) SYSTEM. NBDP (FEC) BROADCASTS OF THE BULLETINS WILL BE AVAILABLE FROM COGARD CAMSLANT CHESAPEAKE/NIK AT 0030Z ON 6314, 8416.5, 12579 KHZ AND AT 1218Z ON 8416.5, 12579, 16806.5 KHZ. NAVTEX ICE BROADCASTS WILL BE AVAILABLE FROM COGARD CAMSLANT CHESAPEAKE/NIK AT 0045Z, 0445Z, 0845Z, 1245Z, 1645Z AND 2045Z ON 518 KHZ. RADIO FACSIMILE CHARTS WILL BE BROADCAST AT 1600Z AND 1810Z ON 6340.5, 9110, 12750 KHZ, DRUM SPEED 120. BROADCAST TIMES MAY BE OBTAINED BY CALLING 860 441 2626 OR VIA INTERNET AT WWW.USCG.MIL/LANTAREA/IIP/IIPPRODS.HTML
2. USE EXTREME CAUTION WHEN NEAR THE GRAND BANKS AS ICE MAY BE PRESENT. REPORT POSITION AND TIME OF ANY ICE ENCOUNTERED TO COMINTICEPAT VIA CG COMMUNICATIONS STATION NMF, NMN, INMARSAT CODE 42 OR ANY CANADIAN COAST GUARD RADIO STATION. MAKE UNCLASSIFIED SEA SURFACE TEMPERATURE AND WEATHER REPORTS TO COMINTICEPAT EVERY SIX HOURS WITHIN LATITUDES 40N AND 52N AND LONGITUDES 39W AND 57W. ICE INFORMATION FOR CANADIAN COASTAL WATERS IS AVAILABLE FROM THE CANADIAN ICE SERVICE OR THE CANADIAN COAST GUARD.
3. AN EARLIER OPENING TO THE 2003 INTERNATIONAL ICE PATROL SEASON IS POSSIBLE BASED ON ICE PATROL RECONNAISSANCE.
4. CANCEL THIS MSG 05 APR.

(221500Z MAR 2003)

611/03(55). BLACK SEA. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0800Z TO 1400Z DAILY 27 AND 28 MAR IN AREA BOUND BY 44-51.6N 033-11.0E, 44-44.8N 033-10.8E, 44-44.8N 033-06.0E, 44-52.8N 032-55.0E.
2. CANCEL THIS MSG 281500Z MAR.

(221545Z MAR 2003)

612/03 thru 614/03. CANCELED.

SECTION III

615/03(54.56). EASTERN MEDITERRANEAN SEA.

1. U.S. FORCES IN THE EASTERN MEDITERRANEAN HAVE ESTABLISHED A MARITIME SAFETY ZONE AND ARE CONDUCTING COMBAT OPERATIONS IN INTERNATIONAL WATERS EAST OF CYPRUS THAT POSE A HAZARD TO NAVIGATION. ALL VESSELS ARE ADVISED TO EXERCISE EXTREME CAUTION AND TO REMAIN CLEAR OF AREA BOUND BY 36-30N 034-40E, 36-12N 035-30E, 35-50N 035-30E, 35-50N 034-54E, 36-00N 034-36E, 35-45N 034-00E, 35-55N 034-00E.
2. ALL VESSELS SHOULD MAINTAIN A SAFE DISTANCE FROM U.S.FORCES SO THAT INTENTIONS ARE CLEAR AND UNDERSTOOD BY U.S. FORCES. VESSELS THAT ENTER THE MARITIME SAFETY ZONE WHICH ARE APPROACHING U.S. FORCES, OR VESSELS WHOSE INTENTIONS ARE UNCLEAR ARE SUBJECT TO BOARDING AND VISIT BY U.S. FORCES. ALL VESSELS APPROACHING U.S. FORCES ARE REQUESTED TO MAINTAIN RADIO CONTACT WITH U.S. FORCES ON BRIDGE TO BRIDGE CHANNEL 16.
3. U.S. FORCES WILL EXERCISE APPROPRIATE MEASURES IN SELF-DEFENSE IF WARRANTED BY THE CIRCUMSTANCES. VESSELS APPROACHING U.S. FORCES WILL HELP MAKE THEIR INTENTIONS CLEAR AND AVOID UNNECESSARY INITIATION OF SUCH DEFENSIVE MEASURES BY MAKING PRIOR CONTACT AS DESCRIBED ABOVE.
4. NOTHING IN THIS WARNING IS INTENDED TO LIMIT OR EXPAND THE INHERENT SELF-DEFENSE RIGHTS OF U.S. FORCES. THIS WARNING IS PUBLISHED SOLELY FOR SAFETY OF NAVIGATION AND TO WARN VESSELS AWAY FROM COMBAT ACTIVITIES.

(231045Z MAR 2003)

616/03 and 617/03. CANCELED.

618/03(24). BRAZIL-NORTH COAST.

1. SEISMIC SURVEY 260400Z TO 290400Z MAR BY M/V BULLDOG TOWING FIVE 6000 METER LONG CABLES IN AREA BOUND BY 03-09.2S 038-50.4W, 03-09.2S 038-52.0W, 03-05.6S 038-47.8W, 03-07.6S 038-46.2W. SIX MILE BERTH REQUESTED.
2. CANCEL THIS MSG 290500Z MAR.

(240910Z MAR 2003)

619/03 and 620/03. CANCELED.

621/03(52). ALGERIA.

- CHART 52240 (9TH ED).
1. POINTE COLOMBI LIGHT 36-26.7N 000-56.5E UNLIT.
 2. CANCEL HYDROLANT 596/03(36), AID RESTORED.
 3. CANCEL HYDROLANT 616/03.

(241547Z MAR 2003)

622/03(52.53). STRAIT OF SICILY.

HYDROGRAPHIC SURVEY 28 MAR UNTIL FURTHER NOTICE BY M/V URANIA ALONG TRACKLINE JOINING 37-38.89N 012-08.67E, 37-34.87N 012-00.19E, 37-43.98N 012-19.98E, 37-30.87N 011-55.36E, 37-24.97N 011-44.62E, 37-16.77N 011-29.17E, 37-18.98N 011-33.75E, 37-21.93N 011-39.70E, 37-10.80N 011-36.24E, 37-13.58N 011-23.75E, 37-13.98N 011-25.98E, 37-20.32N 011-36.01E, 37-27.60N 011-49.80E. ONE MILE BERTH REQUESTED.

(241700Z MAR 2003)

623/03. CANCELED.

624/03(52). TUNISIA-NORTHEAST COAST.

1. M/V PACTOL RIVER ADRIFT VICINITY 37-11N 011-10E AT 242200Z MAR.
2. CANCEL THIS MSG 01 APR.

(250118Z MAR 2003)

625/03. CANCELED.

626/03(24). BRAZIL-EAST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 280159Z MAR BY M/V CGG FOHN TOWING SIX 7408 METER LONG CABLES IN AREA BETWEEN 19-45S 20-05S AND 039-40W 038-30W. FOUR MILE BERTH REQUESTED.
2. CANCEL THIS MSG 280259Z MAR.

(250840Z MAR 2003)

SECTION III

NM 15/03

627/03(24). BRAZIL-SOUTHEAST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 280159Z MAR BY M/V CGG ALIZE TOWING 9260 METER LONG CABLE IN AREA BETWEEN 18-55S 19-50S AND 038-25W 039-20W. FIVE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 280259Z MAR.

(250845Z MAR 2003)

628/03(24). BRAZIL-SOUTH COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 280159Z MAR BY M/V RAMFORM VIKING TOWING TEN 4600 METER LONG CABLES IN AREA BETWEEN 23-44S 24-00S AND 042-30W 042-55W. FOUR MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 625/03(54,56).
3. CANCEL THIS MSG 280259Z MAR.

(250850Z MAR 2003)

629/03(53). TYRRHENIAN SEA.

1. CABLE OPERATIONS IN PROGRESS UNTIL 071200Z APR BY CABLESHIP PERTINACIA IN AREA BOUND BY 41-34.3N 012-06.3E, 41-31.0N 011-54.3E, 41-31.0N 011-43.0E, 41-40.0N 011-11.0E, 41-37.0N 011-00.0E, 41-40.0N 010-31.9E, 41-45.0N 010-21.0E.
2. CANCEL THIS MSG 071300Z APR.

(251340Z MAR 2003)

630/03(23,29). SOUTH ATLANTIC. ICE.

1. ICEBERGS REPORTED ON 25 MAR IN:
 - A. A-43B, 13 MILES BY 40 MILES IN 54-30S 039-12W.
 - B. A-43C, 24 MILES BY 41 MILES IN 58-48S 037-00W.
 - C. A-43G, EIGHT MILES BY 49 MILES IN 51-06S 040-54W.
 - D. A-43I, TWO MILES BY 12 MILES IN 56-42S 033-42W.
 - E. A-46, FOUR MILES BY 11 MILES IN 53-48S 043-54W.
 - F. A-47, NINE MILES BY 14 MILES IN 53-12S 047-06W.
 - G. B-09A, 15 MILES BY 22 MILES IN 52-06S 033-12W.
2. CANCEL THIS MSG 01 APR.

(251605Z MAR 2003)

631/03(55). BLACK SEA. GUNNERY.

1. GUNNERY EXERCISES 0700Z TO 1430Z DAILY 30 AND 31 MAR IN AREA BOUND BY 44-57.5N 035-33.5E, 45-03.5N 035-33.5E, 44-59.4N 035-48.0E, 44-57.5N 035-48.0E.
2. CANCEL THIS MSG 311530Z MAR.

(251720Z MAR 2003)

632/03(37). FRANCE-NORTHWEST COAST. ORDNANCE.

1. MINE ADRIFT VICINITY 48-38.8N 005-05.0W AT 250930Z MAR.
2. CANCEL THIS MSG 01 APR.

(251800Z MAR 2003)

633/03(37). SPAIN-NORTH COAST.

CHART 37505 (2ND ED).
DGPS STATION AT PUNTA DE LA ESTACA DE BARES LIGHT
43-47.2N 007-41.1W INOPERATIVE.

(251920Z MAR 2003)

634/03(57). SOUTH ATLANTIC.

1. 11 CONTAINERS ADRIFT VICINITY 33-00S 013-57E.
2. CANCEL THIS MSG 01 APR.

(252037Z MAR 2003)

635/03(51). NORTH ATLANTIC. ISLAS CANARIAS.

1. SEISMIC SURVEY IN PROGRESS UNTIL 01 JUL BY M/V RAMFORM EXPLORER TOWING 5200 METER LONG CABLE IN AREA BOUND BY 28-20N 013-18W, 28-31N 013-35W, 29-30N 012-40W, 29-20N 012-23W. WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 02 JUL.

(252055Z MAR 2003)

636/03(37). DOVER STRAIT.

1. SURVEY OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE BY M/V CONFIDANTE 5 VICINITY OF TRACKLINE JOINING 51-14.0N 001-44.0E, 51-11.0N 001-42.5E, 51-07.5N 001-39.0E. WIDE BERTH REQUESTED.
2. CANCEL HYDROLANT 617/03(24).

(260950Z MAR 2003)

SECTION III

637/03(14). NORTH ATLANTIC. ICE.

1. LARGE ICEBERG REPORTED VICINITY
44-49.5N 049-10.8W.
2. CANCEL THIS MSG 271440Z MAR.

(261440Z MAR 2003)

638/03(14). NORTH ATLANTIC. ICE.

1. ICEBERG SIGHTED IN 44-46N 049-18W AT 261207Z MAR.
2. CANCEL THIS MSG 271510Z MAR.

(261510Z MAR 2003)

639/03(54). AEGEAN SEA. GUNNERY.

1. GUNNERY EXERCISES 0600Z TO 1500Z DAILY
31 MAR AND 02 APR IN AREA BOUND BY
39-00.0N 025-48.0E, 38-45.0N 025-41.0E,
38-42.7N 026-10.0E, 38-53.6N 026-10.0E.
2. CANCEL HYDROLANT 540/03(53), AID RESTORED.
3. CANCEL THIS MSG 021600Z APR.

(261700Z MAR 2003)

640/03(14). NORTH ATLANTIC. ICE.

1. RADAR TARGET REPORTED IN 48-04N 045-14W.
2. CANCEL HYDROLANT 582/03(37), OPERATIONS COMPLETED.
3. CANCEL THIS MSG 271945Z MAR.

(261945Z MAR 2003)

641/03(24). BRAZIL-NORTHEAST COAST.

CHART 24230 (20TH ED).

RISCA DO ZUMBI BUOY 05-11S 035-11W UNLIT.

(270855Z MAR 2003)

SECTION III

NAVAREA XII

Messages in force 271200Z March 2003:

2001 series	178(GEN)	2003 series	79(GEN)	85(19)
298(GEN)	260(GEN)	76(GEN)	80(GEN)	86(18)
2002 series	339(GEN)	78(GEN)	84(GEN)	

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 201200Z to 271200Z March 2003.

77/03. CANCELED.

78/03(GEN). MARAD ADVISORY 04-03.

NIMA PUB. 117, RADIO NAVIGATIONAL AIDS, INSTRUCTIONS FOR THE PREVENTION AND REPORTING OF HOSTILE INCIDENTS DIRECTED AT MERCHANT SHIPS.

1. HOSTILE ACTIONS DIRECTED AT MERCHANT SHIPPING ARE A PRESENT AND GROWING PROBLEM. THESE HOSTILE ACTIONS INCLUDE PIRACY, THEFT AND TERRORISM.
2. SEVERAL AGENCIES, NATIONALLY AND INTERNATIONALLY, ASSIST IN COUNTERING THIS PROBLEM. THE FIRST STEP IN CONTROLLING THE PROBLEM IS TO ESTABLISH A RELIABLE DATABASE OF INCIDENTS TO DEFINE THE AREA AND DEGREE OF THE PROBLEM. SUCH A DATABASE HAS BEEN INSTITUTED BY THE NATIONAL IMAGERY AND MAPPING AGENCY (NIMA) AS THE ANTI-SHIPPING ACTIVITY MESSAGE (ASAM) FILE. THIS FILE CAN BE ACCESSED VIA THE INTERNET AT NIMA'S MARITIME SAFETY INFORMATION WEBSITE AT POLLUX.NSS.NIMA.MIL.
3. NIMA HAS ALSO ESTABLISHED SHIP HOSTILE ACTION REPORT (SHAR) PROCEDURES TO DISSEMINATE INFORMATION WITHIN THE U.S. GOVERNMENT ON HOSTILE ACTIONS AGAINST U.S. MERCHANT SHIPS. THE PROCEDURES FOR SENDING SHAR REPORTS ARE DETAILED IN NIMA PUB. 117, RADIO NAVIGATIONAL AIDS, EDITION 2002, ON PAGE 4-15.
4. IT SHOULD BE NOTED THAT NEITHER THE ASAM NOR SHAR REPORTS ARE A DISTRESS MESSAGE. U.S. AND EFFECTIVE U.S. CONTROLLED (EUSC) VESSELS UNDER ATTACK OR THREAT OF ATTACK MAY REQUEST DIRECT ASSISTANCE FROM THE U.S. NAVY BY FOLLOWING THE PROCEDURES IN PART II OF CHAPTER 4 OF PUB. 117, EDITION 2002.
5. THE MARITIME ADMINISTRATION URGES ALL VESSELS TO CARRY NIMA PUB. 117, RADIO NAVIGATIONAL AIDS, EDITION 2002. AN INCENTIVE FOR ALL SHIP OPERATORS TO HAVE THE NEW EDITION OF PUB. 117 ON BOARD THEIR VESSELS IS THE IMO CONCURRENCE THAT PUB. 117 SHOULD BE ACCEPTED FOR CARRIAGE TO MEET THE REQUIREMENTS OF SOLAS REGULATION V/20 IN LIEU OF THE GMDSS MASTER PLAN.(THE FULL TEXT OF THIS ANNOUNCEMENT IS PRINTED IN NOTICE TO MARINERS 50/02, DATED 14 DECEMBER 2002.) NIMA PUB. 117 CAN BE ACCESSED VIA THE INTERNET AT NIMA'S MARITIME SAFETY INFORMATION WEB SITE AT POLLUX.NSS.NIMA.MIL.
6. ALL NIMA NAVIGATIONAL PUBLICATIONS OFFERED FOR SALE MAY BE ORDERED ONLINE, BY PHONE OR FAX, OR BY MAIL. ORDERS CAN BE PLACED ON THE ENCRYPTION-PROTECTED U.S. GOVERNMENT ONLINE BOOKSTORE AT (BOOKSTORE.GPO.GOV), BY PHONE (202-512-1800, 1-866-512-1800, TOLL FREE FROM 7:30 AM UNTIL 4:30 PM EASTERN, MONDAY THROUGH FRIDAY), FAX (202-512-2250, 24 HOURS A DAY), OR BY REGULAR MAIL. SEND MAIL ORDERS AND PAYMENT TO: SUPERINTENDENT OF DOCUMENTS, P.O. BOX 371954, PITTSBURGH, PA 15250-7954
7. VESSEL OPERATORS ARE REQUESTED TO FORWARD THIS ADVISORY TO THEIR VESSELS, TERMINAL AND SECURITY OFFICIALS AS APPROPRIATE. THIS ADVISORY WILL SUBSEQUENTLY BE PUBLISHED IN NIMA'S WEEKLY NOTICE TO MARINERS AND MARAD'S INTERNET WEB SITE AT 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
9. CANCEL MARAD ADVISORY 05-01.
10. CANCEL THIS MSG 02 MAY.

(210048Z MAR 2003)

79/03(GEN). NAVAL COORDINATION AND PROTECTION OF SHIPPING (NCAPS) EXERCISE IN WATERS OFF THE REPUBLIC OF KOREA (ROK).

1. THE U.S. NAVY, IN CONJUNCTION WITH U.S. FORCES KOREA (USFK) AND THE REPUBLIC OF KOREA (ROK) GOVERNMENT, IS CONDUCTING AN EXERCISE DURING THE FINAL TWO WEEKS OF MARCH 2003 IN WATERS OFF THE ROK.
2. REQUEST ALL U.S. FLAGGED AND U.S. OWNED FOREIGN FLAGGED MERCHANT VESSELS WITHIN A 72 HOUR TRANSIT TIME OF THE ROK CALL THE SHIPPING COORDINATION CENTER, PHONE: 011 82 762 5447. REQUEST THESE VESSELS CALL DURING THE PERIOD 192300Z TO 272300Z MAR. ALL VESSELS MEETING THESE CRITERIA ARE REQUESTED TO CALL, EVEN IF THEIR DESTINATION IS NOT THE ROK.
3. NCAPS PERSONNEL WILL ANSWER AND RECORD THE VESSEL'S NAME, FLAG, IRCS, MASTER'S NAME AND CONTACT INFORMATION, POSITION,

SECTION III

COURSE, SPEED, LAST PORT, DESTINATION AND ETA. VESSELS WHOSE DESTINATION IS THE ROK WILL BE PROVIDED A TELEPHONE NUMBER AND BE ASKED TO CONTACT THAT PORT'S SHIPPING COORDINATION TEAM 24 HOURS PRIOR TO ARRIVAL.

4. UNDERSTANDING THAT INMARSAT PHONE CALLS ARE EXPENSIVE, NCAPS PERSONNEL ARE INSTRUCTED TO KEEP SUCH CALLS BRIEF AND TO THE POINT. BECAUSE THIS IS AN EXERCISE, ALL CONTACTS MADE WITH MERCHANT VESSELS ARE ON A "NOT TO INTERFERE BASIS;" NO DIVERSION ORDERS OR ANY OTHER ORDERS AFFECTING THE SAFE AND TIMELY PASSAGE OF THE RESPONDING VESSELS WILL BE ISSUED.
5. VESSEL OPERATORS ARE REQUESTED TO PROMPTLY FORWARD THIS ADVISORY TO THEIR VESSELS IN THE Affected AREA. THIS ADVISORY WILL SUBSEQUENTLY BE PUBLISHED IN THE NATIONAL IMAGERY AND MAPPING AGENCY (NIMA) WEEKLY NOTICE TO MARINERS AND ON THE MARITIME SAFETY INFORMATION DIVISION HOMEPAGE AT POLLUX.NSS.NIMA.MIL. PLEASE ADVISE MASTERS OF THE IMPORTANCE OF NCAPS EXERCISES TO NATIONAL SECURITY AND REQUEST THEIR COOPERATION.
6. 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.
7. CANCEL NAVAREA XII 61/03.
8. CANCEL THIS MSG 01 APR.

(211730Z MAR 2003)

80/03(GEN).

1. NAVAREA XII MESSAGES IN FORCE 221000Z MAR 2003. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN. 2003 SERIES: 54(19), 76(GEN), 77(18), 78(GEN), 79(GEN).
2. THE SUMMARY OF ALL NAVAREA XII MESSAGES IN FORCE AS OF 12 DEC 2002 IS GIVEN IN SEC III OF NM 52/02.
3. CANCEL NAVAREA XII 71/03.

(221020Z MAR 2003)

81/03 thru 83/03. CANCELED.

84/03(GEN). NORTH PACIFIC. RUSSIA.

1. LORAN-C STATION PETROPAVLOVSK, RATE 5980-MASTER, UNUSABLE.
2. CANCEL NAVAREA XII 81/03.

(270107Z MAR 2003)

85/03(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 54/03.

(271010Z MAR 2003)

SECTION III

NM 15/03

86/03(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.

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 77/03.

(271020Z MAR 2003)

SECTION III

NM 15/03

HYDROPOACS

Messages in force 271200Z March 2003:

2000 series	2111(62)	251(81)	362(95)	480(74)	521(GEN)
597(73)	2191(22)	253(62)	363(95)	482(GEN)	522(54,56)
1557(94)	2199(63)	268(62)	365(63)	484(62)	525(73,74)
2001 series	2277(GEN)	280(81)	375(97)	487(61)	526(22)
1556(71)	2330(62)	281(97)	379(81)	491(62)	527(22)
1636(96)	2339(63)	298(63)	380(71)	492(22)	528(22)
1647(GEN)	2402(22)	301(75)	381(61)	495(62)	530(81)
1976(62)	2432(22)	303(81)	386(19,81)	496(62)	532(22)
2002 series	2003 series	304(93)	387(74)	497(62)	534(62)
146(62)	3(63)	310(94,97)	407(81)	499(54,56)	535(23,29)
196(61)	74(63)	311(81)	411(81)	502(GEN)	536(63)
205(GEN)	100(29)	317(81)	418(75)	504(76)	537(75)
206(GEN)	109(29)	318(93)	423(76)	505(54,56)	540(62)
207(93)	129(63)	320(93)	426(61)	506(62)	541(63)
352(73)	151(63)	327(62)	427(71,74)	507(62)	545(81,97)
403(72,73)	167(95)	328(97)	434(61)	508(GEN)	547(63)
637(75)	171(71,93)	336(71)	436(61)	509(63)	548(63)
828(62)	197(71)	343(94,95)	437(61)	510(63)	549(63)
1315(62)	207(62)	344(94,95)	445(96)	513(74)	550(81)
1661(GEN)	215(GEN)	350(95)	452(81)	514(73)	551(GEN)
1765(71)	234(83)	351(95)	461(93)	515(73)	553(94,95)
1843(22)	237(81)	355(62)	470(61)	516(GEN)	554(94,95)
2057(71,93)	250(81)	361(63)	471(62)	517(95,96)	555(95)

The summary of all HYDROPOACS 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.

HYDROPOAC WARNINGS issued from 201200Z to 271200Z March 2003.

495/03(62). RED SEA. EGYPT.

CHART 62230 (2ND ED).

1. RACON AT AL IKHWAN LIGHT 26-19.0N 34-51.0E
TEMPORARILY REMOVED.
2. CANCEL HYDROPOAC 486/03(81).

(201400Z MAR 2003)

496/03(62). RED SEA. EGYPT.

CHART 62230 (2ND ED).

- RACON AT DAEDALUS REEF LIGHT 24-55.4N 35-51.5E
TEMPORARILY REMOVED.

(201430Z MAR 2003)

497/03(62). RED SEA. GULF OF AQABA.

1. PIPELAYING OPERATIONS IN PROGRESS UNTIL 25 APR BY
M/V SOLITAIR, M/V TOG MOR, M/V SENTINEL AND
M/V ALPHONE LATZER ALONG TRACKLINE JOINING
29-25.97N 034-50.52E, 29-25.57N 034-51.46E,
29-24.79N 034-51.82E, 29-24.17N 034-51.98E,
29-23.60N 034-52.56E, 29-25.40N 034-54.87E,
29-22.82N 034-56.88E, 29-21.83N 034-57.54E,
29-22.34N 034-57.96E. TWO MILE BERTH REQUESTED.
2. CANCEL THIS MSG 26 APR.

(201522Z MAR 2003)

498/03. CANCELED.

499/03(54,56). EASTERN MEDITERRANEAN SEA.

1. U.S. FORCES IN THE EASTERN MEDITERRANEAN HAVE ESTABLISHED A
MARITIME SAFETY ZONE AND ARE CONDUCTING COMBAT OPERATIONS IN
INTERNATIONAL WATERS THAT POSE A HAZARD TO NAVIGATION. ALL VESSELS
ARE ADVISED TO EXERCISE EXTREME CAUTION AND TO REMAIN CLEAR OF THE
FOLLOWING DESIGNATED OPERATION AREA BOUND BY 32-28.0N 033-22.0E,
31-40.0N 033-22.0E, 31-55.0N 032-20.0E, 32-46.8N 032-20.0E.
2. ALL VESSELS SHOULD MAINTAIN A SAFE DISTANCE FROM U.S.FORCES
SO THAT INTENTIONS ARE CLEAR AND UNDERSTOOD BY U.S. FORCES.
VESSELS THAT ENTER THE MARITIME SAFETY ZONE WHICH ARE
APPROACHING U.S. FORCES, OR VESSELS WHOSE INTENTIONS ARE UNCLEAR
ARE SUBJECT TO BOARDING AND VISIT BY U.S. FORCES. ALL VESSELS
APPROACHING U.S. FORCES ARE REQUESTED TO MAINTAIN RADIO CONTACT
WITH U.S. FORCES ON BRIDGE-TO-BRIDGE CHANNEL 16.
3. U.S. FORCES WILL EXERCISE APPROPRIATE MEASURES IN SELF-DEFENSE

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IF WARRANTED BY THE CIRCUMSTANCES. VESSELS APPROACHING U.S. FORCES WILL HELP MAKE THEIR INTENTIONS CLEAR AND AVOID UNNECESSARY INITIATION OF SUCH DEFENSIVE MEASURES BY MAKING PRIOR CONTACT AS DESCRIBED ABOVE.

4. NOTHING IN THIS WARNING IS INTENDED TO LIMIT OR EXPAND THE INHERENT SELF-DEFENSE RIGHTS OF U.S. FORCES. THIS WARNING IS PUBLISHED SOLELY FOR SAFETY OF NAVIGATION AND TO WARN VESSELS AWAY FROM COMBAT ACTIVITIES.
5. CANCEL HYDROPAC 399/03.

(202137Z MAR 2003)

500/03 and 501/03. CANCELED.

502/03(GEN). MARAD ADVISORY 04-03.

- NIMA PUB. 117, RADIO NAVIGATIONAL AIDS, INSTRUCTIONS FOR THE PREVENTION AND REPORTING OF HOSTILE INCIDENTS DIRECTED AT MERCHANT SHIPS.
1. HOSTILE ACTIONS DIRECTED AT MERCHANT SHIPPING ARE A PRESENT AND GROWING PROBLEM. THESE HOSTILE ACTIONS INCLUDE PIRACY, THEFT AND TERRORISM.
 2. SEVERAL AGENCIES, NATIONALLY AND INTERNATIONALLY, ASSIST IN COUNTERING THIS PROBLEM. THE FIRST STEP IN CONTROLLING THE PROBLEM IS TO ESTABLISH A RELIABLE DATABASE OF INCIDENTS TO DEFINE THE AREA AND DEGREE OF THE PROBLEM. SUCH A DATABASE HAS BEEN INSTITUTED BY THE NATIONAL IMAGERY AND MAPPING AGENCY (NIMA) AS THE ANTI-SHIPPING ACTIVITY MESSAGE (ASAM) FILE. THIS FILE CAN BE ACCESSED VIA THE INTERNET AT NIMA'S MARITIME SAFETY INFORMATION WEBSITE AT POLLUX.NSS.NIMA.MIL.
 3. NIMA HAS ALSO ESTABLISHED SHIP HOSTILE ACTION REPORT (SHAR) PROCEDURES TO DISSEMINATE INFORMATION WITHIN THE U.S. GOVERNMENT ON HOSTILE ACTIONS AGAINST U.S. MERCHANT SHIPS. THE PROCEDURES FOR SENDING SHAR REPORTS ARE DETAILED IN NIMA PUB. 117, RADIO NAVIGATIONAL AIDS, EDITION 2002, ON PAGE 4-15.
 4. IT SHOULD BE NOTED THAT NEITHER THE ASAM NOR SHAR REPORTS ARE A DISTRESS MESSAGE. U.S. AND EFFECTIVE U.S. CONTROLLED (EUSC) VESSELS UNDER ATTACK OR THREAT OF ATTACK MAY REQUEST DIRECT ASSISTANCE FROM THE U.S. NAVY BY FOLLOWING THE PROCEDURES IN PART II OF CHAPTER 4 OF PUB. 117, EDITION 2002.
 5. THE MARITIME ADMINISTRATION URGES ALL VESSELS TO CARRY NIMA PUB. 117, RADIO NAVIGATIONAL AIDS, EDITION 2002. AN INCENTIVE FOR ALL SHIP OPERATORS TO HAVE THE NEW EDITION OF PUB. 117 ON BOARD THEIR VESSELS IS THE IMO CONCURRENCE THAT PUB. 117 SHOULD BE ACCEPTED FOR CARRIAGE TO MEET THE REQUIREMENTS OF SOLAS REGULATION V/20 IN LIEU OF THE GMDSS MASTER PLAN.(THE FULL TEXT OF THIS ANNOUNCEMENT IS PRINTED IN NOTICE TO MARINERS 50/02, DATED 14 DECEMBER 2002.) NIMA PUB. 117 CAN BE ACCESSED VIA THE INTERNET AT NIMA'S MARITIME SAFETY INFORMATION WEB SITE AT POLLUX.NSS.NIMA.MIL.
 6. ALL NIMA NAVIGATIONAL PUBLICATIONS OFFERED FOR SALE MAY BE ORDERED ONLINE, BY PHONE OR FAX, OR BY MAIL. ORDERS CAN BE PLACED ON THE ENCRYPTION-PROTECTED U.S. GOVERNMENT ONLINE BOOKSTORE AT (BOOKSTORE.GPO.GOV), BY PHONE (202-512-1800, 1-866-512-1800, TOLL FREE FROM 7:30 AM UNTIL 4:30 PM EASTERN, MONDAY THROUGH FRIDAY), FAX (202-512-2250, 24 HOURS A DAY), OR BY REGULAR MAIL. SEND MAIL ORDERS AND PAYMENT TO: SUPERINTENDENT OF DOCUMENTS, P.O. BOX 371954, PITTSBURGH, PA 15250-7954
 7. VESSEL OPERATORS ARE REQUESTED TO FORWARD THIS ADVISORY TO THEIR VESSELS, TERMINAL AND SECURITY OFFICIALS AS APPROPRIATE. THIS ADVISORY WILL SUBSEQUENTLY BE PUBLISHED IN NIMA'S WEEKLY NOTICE TO MARINERS AND MARAD'S INTERNET WEB SITE AT 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
 9. CANCEL MARAD ADVISORY 05-01.
 10. CANCEL THIS MSG 02 MAY.

(210049Z MAR 2003)

503/03. CANCELED.

504/03(76). NEW ZEALAND. NORTH ISLAND-WEST COAST.

1. SEISMIC SURVEY 22 MAR UNTIL FURTHER NOTICE BY M/V PACIFIC SWORD TOWING 3600 METER LONG CABLE IN AREA BETWEEN 39-00S 39-45S AND 173-00E 173-40E. WIDE BERTH REQUESTED.
2. CANCEL HYDROPAC 503/03(74,75,76), PERSONS RESCUED.
3. CANCEL HYDROPAC 2437/02(72).

(210950Z MAR 2003)

505/03(54,56). EASTERN MEDITERRANEAN SEA.

1. U.S. FORCES IN THE EASTERN MEDITERRANEAN HAVE ESTABLISHED A MARITIME SAFETY ZONE AND ARE CONDUCTING COMBAT OPERATIONS IN INTERNATIONAL WATERS EAST OF CYPRUS THAT POSE A HAZARD TO NAVIGATION. ALL VESSELS ARE ADVISED TO EXERCISE EXTREME CAUTION AND TO REMAIN CLEAR OF AREA BOUND BY 35-25N 034-40E, 35-25N 035-30E, 34-40N 035-35E,

SECTION III

- 34-10N 035-10E, 34-10N 033-55E, 34-25N 033-55E,
34-55N 034-25E, 35-15N 034-25E.
2. ALL VESSELS SHOULD MAINTAIN A SAFE DISTANCE FROM U.S.FORCES SO THAT INTENTIONS ARE CLEAR AND UNDERSTOOD BY U.S. FORCES. VESSELS THAT ENTER THE MARITIME SAFETY ZONE WHICH ARE APPROACHING U.S. FORCES, OR VESSELS WHOSE INTENTIONS ARE UNCLEAR ARE SUBJECT TO BOARDING AND VISIT BY U.S. FORCES. ALL VESSELS APPROACHING U.S. FORCES ARE REQUESTED TO MAINTAIN RADIO CONTACT WITH U.S. FORCES ON BRIDGE TO BRIDGE CHANNEL 16.
 3. U.S. FORCES WILL EXERCISE APPROPRIATE MEASURES IN SELF-DEFENSE IF WARRANTED BY THE CIRCUMSTANCES. VESSELS APPROACHING U.S. FORCES WILL HELP MAKE THEIR INTENTIONS CLEAR AND AVOID UNNECESSARY INITIATION OF SUCH DEFENSIVE MEASURES BY MAKING PRIOR CONTACT AS DESCRIBED ABOVE.
 4. NOTHING IN THIS WARNING IS INTENDED TO LIMIT OR EXPAND THE INHERENT SELF-DEFENSE RIGHTS OF U.S. FORCES. THIS SPECIAL WARNING IS PUBLISHED SOLELY FOR SAFETY OF NAVIGATION AND TO WARN VESSELS AWAY FROM COMBAT ACTIVITIES.

(211250Z MAR 2003)

506/03(62). PERSIAN GULF.

1. COALITION FORCES ARE COMMITTED TO CAPTURING IRAQI LEADERSHIP ATTEMPTING TO FLEE VIA SEA TO ESCAPE JUSTICE, AND ARE USING ALL AVAILABLE MILITARY ASSETS TO CAPTURE THEM. THIS INCLUDES USING THE FULL CAPABILITIES OF U.S. AND COALITION MILITARY AIRCRAFT, WARSHIPS, SUBMARINES, AND SATELLITES. AS PART OF THIS SEARCH OPERATION, U.S. FIFTH FLEET AND COALITION FORCES ARE CURRENTLY QUERYING COMMERCIAL VESSELS IN THE REGION, PARTICULARLY THOSE OPERATING IN VICINITY OF UMM QASR AND KHOR ABD ALLAH WATERWAYS.
2. ANYONE SUSPECTED OF ASSISTING OR TRANSPORTING IRAQI LEADERSHIP SHOULD EXPECT TO BE BOARDED, AND WILL RISK THE SINKING OR SEIZURE OF VESSEL, AND WILL BE DETAINED AND JAILED.
3. ANY PERCEIVED HOSTILITY TOWARDS A U.S. OR COALITION NAVAL UNIT DURING THESE ONGOING OPERATIONS MAY RESULT IN THE DESTRUCTION OF THE COMMERCIAL VESSEL.

(211450Z MAR 2003)

507/03(62). PERSIAN GULF.

1. COALITION MARITIME FORCES ARE CONDUCTING CLEARING OPERATIONS IN IRAQI WATERWAYS. COASTAL MERCHANTS AND THE MARITIME SHIPPING AGENCIES THAT HAVE VESSELS UNDERWAY IN THE KHOR ABD ALLAH WATERWAY ARE REQUESTED TO IMMEDIATELY CONTACT THEIR VESSELS AND DIRECT THEM TO PROCEED SOUTH IN ORDER TO DEPART IRAQI WATERWAYS. INFORM YOUR VESSELS TO CONTACT COALITION UNITS ON BRIDGE-TO-BRIDGE RADIO FOR SPECIFIC INSTRUCTIONS. FOR UNITS LOCATED NORTH OF UMM QASR, YOU WILL BE REQUIRED TO REMAIN IN PLACE UNTIL COUNTER-MINING OPERATIONS ARE COMPLETED IN UMM QASR AND THE KHOR ABD ALLAH WATERWAY. ONCE THESE CLEARING OPERATIONS ARE COMPLETE, YOU WILL BE ALLOWED TO EXIT INTO THE PERSIAN GULF.
2. COALITION MARITIME FORCES WILL CONDUCT A ROUTINE BOARDING TO ENSURE THE SAFETY OF BOTH THE CREW AND VESSEL. UPON COMPLETION OF THE BOARDING, VESSELS WILL BE GIVEN NAVIGATION INSTRUCTIONS THAT WILL KEEP THEM OUT OF HARMS WAY. IF VESSELS OF THE MARITIME SHIPPING COMMUNITY OR COASTAL MERCHANTS ARE USED FOR MILITARY PURPOSES, THESE VESSELS WILL BE CONFISCATED OR DESTROYED BY THE COALITION.
3. VESSELS SHOULD REMAIN CLEAR FOR THE DURATION OF COALITION MILITARY OPERATIONS, SO AS TO ENSURE THEIR SAFETY, THE SAFETY OF THEIR VESSEL, AND PASSENGERS. YOU WILL BE GIVEN INSTRUCTIONS FROM COALITION FORCES AS SOON AS POSSIBLE ON WHEN TO RESUME MARITIME OPERATIONS IN AND AROUND IRAQI WATERS. THEIR GOAL IS TO OPEN THE WATERWAYS TO LEGITIMATE MARITIME SHIPPING AS QUICKLY AS POSSIBLE.

(211550Z MAR 2003)

508/03(GEN). NAVAL COORDINATION AND PROTECTION OF SHIPPING (NCAPS) EXERCISE IN WATERS OFF THE REPUBLIC OF KOREA (ROK).

1. THE U.S. NAVY, IN CONJUNCTION WITH U.S. FORCES KOREA (USFK) AND THE REPUBLIC OF KOREA (ROK) GOVERNMENT, IS CONDUCTING AN EXERCISE DURING THE FINAL TWO WEEKS OF MARCH 2003 IN WATERS OFF THE ROK.
2. REQUEST ALL U.S. FLAGGED AND U.S. OWNED FOREIGN FLAGGED MERCHANT VESSELS WITHIN A 72 HOUR TRANSIT TIME OF THE ROK CALL THE SHIPPING COORDINATION CENTER, PHONE: 011 82 762 5447. REQUEST THESE VESSELS CALL DURING THE PERIOD 192300Z TO 272300Z MAR. ALL VESSELS MEETING THESE CRITERIA ARE REQUESTED TO CALL, EVEN IF THEIR DESTINATION IS NOT THE ROK.
3. NCAPS PERSONNEL WILL ANSWER AND RECORD THE VESSEL'S NAME, FLAG, IRCS, MASTER'S NAME AND CONTACT INFORMATION, POSITION,

SECTION III

COURSE, SPEED, LAST PORT, DESTINATION AND ETA. VESSELS WHOSE DESTINATION IS THE ROK WILL BE PROVIDED A TELEPHONE NUMBER AND BE ASKED TO CONTACT THAT PORT'S SHIPPING COORDINATION TEAM 24 HOURS PRIOR TO ARRIVAL.

4. UNDERSTANDING THAT INMARSAT PHONE CALLS ARE EXPENSIVE, NCAPS PERSONNEL ARE INSTRUCTED TO KEEP SUCH CALLS BRIEF AND TO THE POINT. BECAUSE THIS IS AN EXERCISE, ALL CONTACTS MADE WITH MERCHANT VESSELS ARE ON A "NOT TO INTERFERE BASIS;" NO DIVERSION ORDERS OR ANY OTHER ORDERS AFFECTING THE SAFE AND TIMELY PASSAGE OF THE RESPONDING VESSELS WILL BE ISSUED.
5. VESSEL OPERATORS ARE REQUESTED TO PROMPTLY FORWARD THIS ADVISORY TO THEIR VESSELS IN THE Affected AREA. THIS ADVISORY WILL SUBSEQUENTLY BE PUBLISHED IN THE NATIONAL IMAGERY AND MAPPING AGENCY (NIMA) WEEKLY NOTICE TO MARINERS AND ON THE MARITIME SAFETY INFORMATION DIVISION HOMEPAGE AT POLLUX.NSS.NIMA.MIL. PLEASE ADVISE MASTERS OF THE IMPORTANCE OF NCAPS EXERCISES TO NATIONAL SECURITY AND REQUEST THEIR COOPERATION.
6. 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.
7. CANCEL HYDROPAC 390/03.
8. CANCEL THIS MSG 01 APR.

(211715Z MAR 2003)

509/03(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0330Z TO 1530Z DAILY 25 AND 28 MAR IN AREA BOUND BY 09-57.6N 075-59.5E, 09-57.7N 076-14.2E, 09-40.0N 076-14.6E, 09-42.5N 076-09.5E.
2. CANCEL THIS MSG 281630Z MAR.

(211822Z MAR 2003)

510/03(63). INDIA-WEST COAST. ROCKETS.

1. HAZARDOUS OPERATIONS 1330Z TO 1600Z DAILY 26 AND 27 MAR WITHIN 75 MILES OF 08-31.9N 076-52.1E.
2. CANCEL THIS MSG 271700Z MAR.

(211835Z MAR 2003)

511/03 and 512/03. CANCELED.

513/03(74). AUSTRALIA-NORTHWEST COAST.

UNDERWATER OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE BY M/V ROCKWATER 2 IN 20-54.1S 114-54.1E.
WIDE BERTH REQUESTED.

(220205Z MAR 2003)

514/03(73). PAPUA NEW GUINEA.

CHART 73631 (4TH ED).
BOMATU POINT LIGHT 08-23.8S 151-07.2E UNLIT.

(220315Z MAR 2003)

515/03(73). PAPUA NEW GUINEA.

CHART 73631 (4TH ED).
KITAVA ISLAND LIGHT 08-38.6S 151-20.3E UNLIT.

(220330Z MAR 2003)

516/03(GEN).

1. HYDROPAC MESSAGES IN FORCE 221200Z MAR 2003. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN. 2003 SERIES: 234(83), 237(81), 250(81), 251(81), 253(62), 268(62), 280(81), 281(97), 298(63), 301(75), 303(81), 304(93), 310(94,97), 311(81), 317(81), 318(93), 320(93), 327(62), 328(97), 332(62), 333(62), 336(71), 343(94,95), 344(94,95), 350(95), 351(95), 355(62), 361(63), 362(95), 363(95), 365(63), 368(75), 375(97), 379(81), 380(71), 381(61), 386(19,81), 387(74), 407(81), 411(81), 418(75), 423(76), 426(61), 427(71,74), 434(61), 436(61), 437(61), 445(96), 452(81), 461(93), 470(61), 471(62), 473(95), 474(95), 475(63), 480(74), 482(GEN), 483(61), 484(62), 487(61), 488(62), 489(96), 490(96), 491(62), 492(22), 493(95,97), 495(62), 496(62), 497(62), 498(81), 499(54,56), 501(22), 502(GEN), 504(76), 505(54,56), 506(62), 507(62), 508(GEN), 509(63), 510(63), 511(63), 512(81), 513(74), 514(73), 515(73).
2. THE SUMMARY OF ALL HYDROPAC MESSAGES IN FORCE AS OF 12 DEC 2002 IS GIVEN IN SEC III OF NM 52/02.
3. CANCEL HYDROPAC 185/03, 210/03, 221/03, 232/03, 394/03, 439/03.

(221320Z MAR 2003)

SECTION III

NM 15/03

517/03(95,96). SEA OF JAPAN. MISSILES.

1. HAZARDOUS OPERATIONS 0500Z TO 0900Z DAILY
27 AND 28 MAR IN AREA BETWEEN
41-40N 42-15N AND 131-41E 132-15E.
2. CANCEL THIS MSG 281000Z MAR.

(221355Z MAR 2003)

518/03 thru 520/03. CANCELED.

521/03(GEN). NORTH PACIFIC. ROCKETS.

1. HAZARDOUS OPERATIONS 272359Z TO 280300Z MAR,
ALTERNATE 282359Z TO 290300Z MAR IN AREAS BOUND BY:
 - A. 30-26N 130-58E, 30-29N 131-04E,
30-29N 131-24E, 30-10N 131-24E,
30-10N 130-57E, 30-22N 130-57E,
30-24N 130-58E.
 - B. 29-37N 131-39E, 29-46N 131-48E,
29-46N 132-05E, 29-23N 132-29E,
29-06N 132-12E.
 - C. 28-38N 132-37E, 29-03N 133-00E,
28-33N 133-34E, 28-08N 133-12E.
 - D. 24-49N 132-37E, 24-37N 134-23E,
22-07N 134-07E, 22-19N 132-20E.
 - E. 13-01N 130-42E, 12-41N 133-08E,
08-02N 132-30E, 08-21N 130-04E.
2. CANCEL THIS MSG 290400Z MAR.

(230905Z MAR 2003)

522/03(54,56). EASTERN MEDITERRANEAN SEA.

1. U.S. FORCES IN THE EASTERN MEDITERRANEAN HAVE ESTABLISHED A MARITIME SAFETY ZONE AND ARE CONDUCTING COMBAT OPERATIONS IN INTERNATIONAL WATERS NORTH AND EAST OF CYPRUS THAT POSE A HAZARD TO NAVIGATION. ALL VESSELS ARE ADVISED TO EXERCISE EXTREME CAUTION AND TO REMAIN CLEAR OF AREA BOUND BY 36-30N 034-40E, 36-12N 035-30E, 35-50N 035-30E, 35-50N 034-54E, 36-00N 034-36E, 35-45N 034-00E, 35-55N 034-00E.
2. ALL VESSELS SHOULD MAINTAIN A SAFE DISTANCE FROM U.S. FORCES SO THAT INTENTIONS ARE CLEAR AND UNDERSTOOD BY U.S. FORCES. VESSELS THAT ENTER THE MARITIME SAFETY ZONE WHICH ARE APPROACHING U.S. FORCES, OR VESSELS WHOSE INTENTIONS ARE UNCLEAR ARE SUBJECT TO BOARDING AND VISIT BY U.S. FORCES. ALL VESSELS APPROACHING U.S. FORCES ARE REQUESTED TO MAINTAIN RADIO CONTACT WITH U.S. FORCES ON BRIDGE TO BRIDGE CHANNEL 16.
3. U.S. FORCES WILL EXERCISE APPROPRIATE MEASURES IN SELF-DEFENSE IF WARRANTED BY THE CIRCUMSTANCES. VESSELS APPROACHING U.S. FORCES WILL HELP MAKE THEIR INTENTIONS CLEAR AND AVOID UNNECESSARY INITIATION OF SUCH DEFENSIVE MEASURES BY MAKING PRIOR CONTACT AS DESCRIBED ABOVE.
4. NOTHING IN THIS WARNING IS INTENDED TO LIMIT OR EXPAND THE INHERENT SELF-DEFENSE RIGHTS OF U.S. FORCES. THIS WARNING IS PUBLISHED SOLELY FOR SAFETY OF NAVIGATION AND TO WARN VESSELS AWAY FROM COMBAT ACTIVITIES.

(231055Z MAR 2003)

523/03 and 524/03. CANCELED.

525/03(73,74). PAPUA NEW GUINEA.

CHART 74006 (2ND ED).
PANA WAIPONA ISLAND LIGHT 11-15.2S 152-08.1E UNLIT.

(232331Z MAR 2003)

526/03(22). SOUTH PACIFIC. PERU.

6.1 METER M/V ISLA LOBOS DE AFUERA, RED HULL,
FOUR PERSONS ON BOARD, UNREPORTED. LAST
KNOWN POSITION 05-07S 081-13W. VESSELS
IN VICINITY REQUESTED TO KEEP A SHARP
LOOKOUT, ASSIST IF POSSIBLE. REPORTS
TO ANY COASTAL RADIO STATION.

(240327Z MAR 2003)

527/03(22). SOUTH PACIFIC. PERU.

DISTRESS SIGNAL RECEIVED FROM M/V BETTY, BLUE AND WHITE HULL,
FOUR PERSONS ON BOARD IN 09-42S 080-24W. VESSELS IN
VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST
IF POSSIBLE. REPORTS TO ANY COASTAL RADIO STATION.

(240333Z MAR 2003)

SECTION III

528/03(22). SOUTH PACIFIC. PERU.
 DISTRESS SIGNAL RECEIVED FROM 11 METER M/V VIRGEN DEL CARMEN,
 YELLOW HULL, IN 12-56S 077-57W. VESSELS IN VICINITY
 REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
 REPORTS TO ANY COASTAL RADIO STATION.

(240337Z MAR 2003)

529/03. CANCELED.

530/03(81). NORTH PACIFIC. MARIANA ISLANDS. ORDNANCE.
 1. BOMBING EXERCISES 2200Z TO 1200Z COMMENCING DAILY
 23 THRU 27 MAR WITHIN TEN MILES OF 16-01N 146-04E.
 2. CANCEL HYDROPAC 523/03.
 3. CANCEL THIS MESSAGE 281300Z MAR.

(241405Z MAR 2003)

531/03. CANCELED.

532/03(22). SOUTH PACIFIC. GUNNERY.
 1. GUNNERY EXERCISES 271300Z TO 271900Z MAR IN
 AREA BETWEEN 27-20S 28-30S AND 078-00W 077-40W.
 2. CANCEL HYDROPAC 483/03(61).
 3. CANCEL THIS MSG 272000Z MAR.

(250005Z MAR 2003)

533/03. CANCELED.

534/03(62). PERSIAN GULF.
 1. DERELICT VESSEL ADRIFT VICINITY
 29-27.4N 049-14.9E AT 241740Z MAR.
 2. CANCEL THIS MSG 01 APR.

(251320Z MAR 2003)

535/03(23,29). SOUTH ATLANTIC. ICE.

1. ICEBERGS REPORTED ON 25 MAR IN:
 A. A-38A, 22 MILES BY 48 MILES IN 61-24S 051-54W.
 B. A-38B, 22 MILES BY 25 MILES IN 62-48S 052-54W.
 C. A-38C, SEVEN MILES BY 11 MILES IN 60-12S 048-30W.
 D. A-38D, TWO MILES BY TEN MILES IN 63-24S 052-06W.
 E. A-43A, 14 MILES BY 35 MILES IN 67-30S 058-42W.
 F. A-43E, TEN MILES BY 14 MILES IN 68-24S 059-24W.
 G. A-43F, 22 MILES BY 44 MILES IN 66-30S 059-42W.
 H. A-43J, FIVE MILES BY 17 MILES IN 67-30S 060-24W.
 I. A-48, NINE MILES BY TEN MILES IN 63-30S 052-00W.
 J. A-49, ONE MILE BY TEN MILES IN 63-06S 052-00W.
 K. A-50, ONE MILE BY TEN MILES IN 63-30S 053-06W.
 L. A-51, TWO MILES BY 14 MILES IN 67-18S 060-30W.
 M. A-52, EIGHT MILES BY 22 MILES IN 65-30S 060-42W.
 2. CANCEL THIS MSG 01 APR.

(251523Z MAR 2003)

536/03(63). INDIA-EAST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 26 AND 27 MAR WITHIN 135
 MILES OF 21-26-45N 087-01-30E.
 2. CANCEL HYDROPAC 368/03(75), SURVEY COMPLETED.
 3. CANCEL THIS MSG 28 MAR.

(251830Z MAR 2003)

537/03(75). AUSTRALIA-SOUTHEAST COAST.

SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE BY
 M/V WESTERN MONARCH TOWING SIX 4 MILE LONG CABLES
 IN AREA BETWEEN 39-00S 39-30S AND 145-00E 147-57E.
 WIDE BERTH REQUESTED.

(251900Z MAR 2003)

538/03 and 539/03. CANCELED.

540/03(62). PERSIAN GULF.
 1. DERELICT BARGE ADRIFT VICINITY
 29-47N 048-48E AT 252100Z MAR.
 2. CANCEL THIS MSG 02 APR.

(260920Z MAR 2003)

541/03(63). INDIAN OCEAN.

DISTRESS SIGNAL RECEIVED FROM 380 TON M/V TAIKOUMARU,
 24 PERSONS ON BOARD, VICINITY 03-40N 063-30E
 AT 251430Z MAR. VESSELS IN VICINITY REQUESTED
 TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
 REPORTS TO JAPAN COAST GUARD.

(260940Z MAR 2003)

SECTION III

NM 15/03

542/03 thru 544/03. CANCELED.

545/03(81,97). NORTH PACIFIC.
DISTRESS SIGNAL RECEIVED ON 406 MHZ IN 23-49N 145-40E
AT 261409Z MAR. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO JAPAN COAST GUARD.

(261520Z MAR 2003)

546/03. CANCELED.

547/03(63). INDIA-WEST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 10 MAY BY
M/V C-EXPLORER TOWING FOUR 5000 METER LONG
CABLES IN AREA BOUND BY 20-26.5N 072-04.1E,
20-42.2N 072-20.8E, 20-40.2N 072-30.2E,
20-23.4N 072-13.1E. WIDE BERTH REQUESTED.
2. CANCEL HYDROPAC 225/03.
3. CANCEL THIS MSG 11 MAY.

(261740Z MAR 2003)

548/03(63). INDIA-WEST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 13 APR
BY M/V SAGAR SANDHANI TOWING FOUR 5000 METER
LONG CABLES IN AREA BOUND BY
19-08.6N 072-05.5E, 19-08.6N 071-47.1E,
19-15.4N 071-46.5E, 19-15.4N 072-05.5E.
WIDE BERTH REQUESTED.
2. CANCEL HYDROPAC 2465/02.
3. CANCEL THIS MSG 14 APR.

(261830Z MAR 2003)

549/03(63). INDIA-EAST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 15 MAY
BY M/V ORIENT EXPLORER IN AREA BOUND BY
15-07.5N 080-08.2E, 15-05.6N 080-17.6E,
14-54.6N 080-15.6E, 14-55.2N 080-12.2E,
14-50.5N 080-11.3E, 14-51.2N 080-08.1E,
14-55.9N 080-08.9E, 14-56.4N 080-06.2E.
2. CANCEL HYDROPAC 543/03(83), FALSE ALERT.
3. CANCEL THIS MSG 16 MAY.

(261900Z MAR 2003)

550/03(81). NORTH PACIFIC. ORDNANCE.

1. BOMBING EXERCISES 1401Z TO 1359Z COMMENCING
DAILY 30 MAR THRU 03 APR IN AREAS:
 - A. WITHIN TEN MILES OF 16-01N 146-04E.
 - B. BOUND BY 17-20N 145-30E,
17-20N 146-20E, 17-00N 146-20E,
16-00N 146-25E, 15-30N 146-10E,
15-40N 146-00E, 15-42N 145-35E,
17-00N 145-00E.
 - C. BOUND BY 14-00N 145-30E,
15-30N 147-00E, 15-30N 148-30E,
13-05N 148-30E, 13-05N 148-00E,
13-25N 146-00E, 13-25N 145-30E.
 - D. BOUND BY 13-00N 145-00E,
13-00N 145-10E, 11-25N 147-00E,
10-30N 147-00E, 10-30N 145-25E.
2. CANCEL THIS MSG 041459Z APR.

(270016Z MAR 2003)

551/03(GEN). NORTH PACIFIC. RUSSIA.

1. LORAN-C STATION PETROPAVLOVSK, RATE 5980-MASTER, UNUSABLE.
2. CANCEL HYDROPAC 542/03(73,74), VESSEL LOCATED SAFE.
3. CANCEL HYDROPAC 529/03.

(270113Z MAR 2003)

552/03. CANCELED.

553/03(94,95). YELLOW SEA. ORDNANCE.

1. BOMBING EXERCISES 0001Z TO 1000Z DAILY 01 THRU 04,
07 THRU 12, 14 THRU 19, 21 THRU 26 AND
28 THRU 30 APR IN AREA BETWEEN
36-05N 36-35N AND 124-50E 125-42E.
2. CANCEL THIS MSG 301100Z APR.

(270820Z MAR 2003)

SECTION III

554/03(94,95). YELLOW SEA. ORDNANCE.

1. BOMBING EXERCISES 0001Z TO 1000Z DAILY
01 THRU 04, 07 THRU 12, 14 THRU 19,
21 THRU 26 AND 28 THRU 30 APR IN AREA
BETWEEN 34-50N 35-15N AND 124-50E 125-42E.
2. CANCEL THIS MSG 301100Z APR.

(270840Z MAR 2003)

555/03(95). SEA OF JAPAN. ORDNANCE.

1. BOMBING EXERCISES 0001Z TO 1300Z DAILY
01 THRU 04, 07 THRU 12, 14 THRU 19,
21 THRU 26 AND 28 THRU 30 APR
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 APR.

(270850Z MAR 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), by referring to Section I (paragraph 50) of US Notice to Mariners 1/03 for those 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 27 March 2003: 00-7, 01-1, 01-7, 02-2, 02-5, 02-7, 03-2, 03-3 and 03-4.

MARAD ADVISORY NO. 03-4 (202100Z MAR 2003)

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

1. HOSTILE ACTIONS DIRECTED AT MERCHANT SHIPPING ARE A PRESENT AND GROWING PROBLEM. THESE HOSTILE ACTIONS INCLUDE PIRACY, THEFT AND TERRORISM.

2. SEVERAL AGENCIES, NATIONALLY AND INTERNATIONALLY, ASSIST IN COUNTERING THIS PROBLEM. THE FIRST STEP IN CONTROLLING THE PROBLEM IS TO ESTABLISH A RELIABLE DATABASE OF INCIDENTS TO DEFINE THE AREA AND DEGREE OF THE PROBLEM. SUCH A DATABASE HAS BEEN INSTITUTED BY THE NATIONAL IMAGERY AND MAPPING AGENCY (NIMA) AS THE ANTI-SHIPPING ACTIVITY MESSAGE (ASAM) FILE. THIS FILE CAN BE ACCESSED VIA THE INTERNET AT NIMA'S MARITIME SAFETY INFORMATION WEBSITE AT [HTTP://POLLUX.NSS.NIMA.MIL](http://POLLUX.NSS.NIMA.MIL).

3. NIMA HAS ALSO ESTABLISHED SHIP HOSTILE ACTION REPORT (SHAR) PROCEDURES TO DISSEMINATE INFORMATION WITHIN THE U.S. GOVERNMENT ON HOSTILE ACTIONS AGAINST U.S. MERCHANT SHIPS. THE PROCEDURES FOR SENDING SHAR REPORTS ARE DETAILED IN NIMA PUB. 117, RADIO NAVIGATIONAL AIDS, EDITION 2002, ON PAGE 4-15.

4. IT SHOULD BE NOTED THAT NEITHER THE ASAM NOR SHAR REPORTS ARE A DISTRESS MESSAGE. U.S. AND EFFECTIVE U.S. CONTROLLED (EUSC) VESSELS UNDER ATTACK OR THREAT OF ATTACK MAY REQUEST DIRECT ASSISTANCE FROM THE U.S. NAVY BY FOLLOWING THE PROCEDURES IN PART II OF CHAPTER 4 OF PUB. 117, EDITION 2002.

5. THE MARITIME ADMINISTRATION URGES ALL VESSELS TO CARRY NIMA PUB. 117, RADIO NAVIGATIONAL AIDS, EDITION 2002. AN INCENTIVE FOR ALL SHIP OPERATORS TO HAVE THE NEW EDITION OF PUB. 117 ON BOARD THEIR VESSELS IS THE IMO CONCURRENCE THAT PUB. 117 SHOULD BE ACCEPTED FOR CARRIAGE TO MEET THE REQUIREMENTS OF SOLAS REGULATION V/20 IN LIEU OF THE GMDSS MASTER PLAN. (THE FULL TEXT OF THIS ANNOUNCEMENT IS PRINTED IN NOTICE TO MARINERS 50/02, DATED 14 DECEMBER 2002.) NIMA PUB. 117 CAN BE ACCESSED VIA THE INTERNET AT NIMA'S MARITIME SAFETY INFORMATION WEBSITE AT [HTTP://POLLUX.NSS.NIMA.MIL](http://POLLUX.NSS.NIMA.MIL).

6. ALL NIMA NAVIGATIONAL PUBLICATIONS OFFERED FOR SALE MAY BE ORDERED ONLINE, BY PHONE OR FAX, OR BY MAIL. ORDERS CAN BE PLACED ON THE ENCRYPTION-PROTECTED U.S. GOVERNMENT ONLINE BOOKSTORE ([HTTP://BOOKSTORE.GPO.GOV](http://BOOKSTORE.GPO.GOV)), BY PHONE (202-512-1800, 1-866-512-1800, TOLL FREE, FROM 7:30 AM UNTIL 4:30 PM EASTERN, MONDAY THROUGH FRIDAY), FAX (202-512-2250, 24 HOURS PER DAY), OR BY REGULAR MAIL. SEND MAIL ORDERS AND PAYMENT TO:

SECTION III

NM 15/03

SUPERINTENDENT OF DOCUMENTS
P.O. BOX 371954
PITTSBURGH, PA 15250-7954

7. CANCEL MARAD ADVISORY 01-05.

8. VESSEL OPERATORS ARE REQUESTED TO FORWARD THIS ADVISORY TO THEIR VESSELS, TERMINALS AND SECURITY OFFICIALS AS APPROPRIATE. THIS ADVISORY WILL SUBSEQUENTLY BE PUBLISHED IN NIMA'S WEEKLY NOTICE TO MARINERS AND MARAD'S INTERNET WEBSITE AT [HTTP://WWW.MARAD.DOT.GOV](http://WWW.MARAD.DOT.GOV).

9. 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.

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) 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 27 March 2003: 1, 29, 77, 81, 82, 89, 92, 95, 107, 108, 111, 113, 114, 115, 116, 117, 118, 119, 120 and 121.

MARINE INFORMATION**DISCONTINUANCE OF 121.5 AND 243 MHZ FOR SATELLITE DISTRESS ALERTS**

The Cospas-Sarsat Program has announced plans to terminate satellite processing of distress signals from 121.5 and 243 MHz emergency beacons on February 1, 2009. Users of the system will have to switch to emergency beacons operating at 406 MHz, which are more reliable and provide search and rescue agencies complete information that they need to do their job, in order to be detected by satellites.

Reasons for the Cospas-Sarsat program to discontinue use is driven by guidance from the International Maritime Organization (IMO) and the International Civil Aviation Organization (ICAO). These two agencies are responsible for regulating the safety of ships and aircraft on international transits and handle international standards for maritime and aeronautical search and rescue missions. In addition, 121.5 MHz false alerts inundate search and rescue resources which impact the effectiveness of lifesaving services.

Individuals who plan on buying a new distress beacon may wish to take the Cospas-Sarsat decision into account.

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. _____

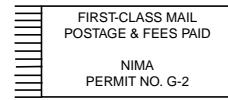
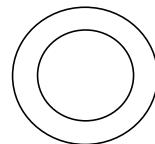
Sounding sensor or method used _____ Sounding(s) corrected for draft: Yes _____ No _____

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**



ARCTIC MARITIME SAFETY INFORMATION REPORT SHEET

Observer _____

Ship/Organization _____

Phone _____ Email Address_____

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

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

Digitized by srujanika@gmail.com

If observed, Date _____ Time (Local) _____

Latitude Longitude Datum

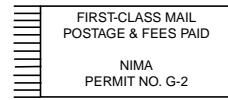
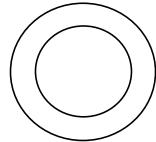
Verified by Navigator: Yes No

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

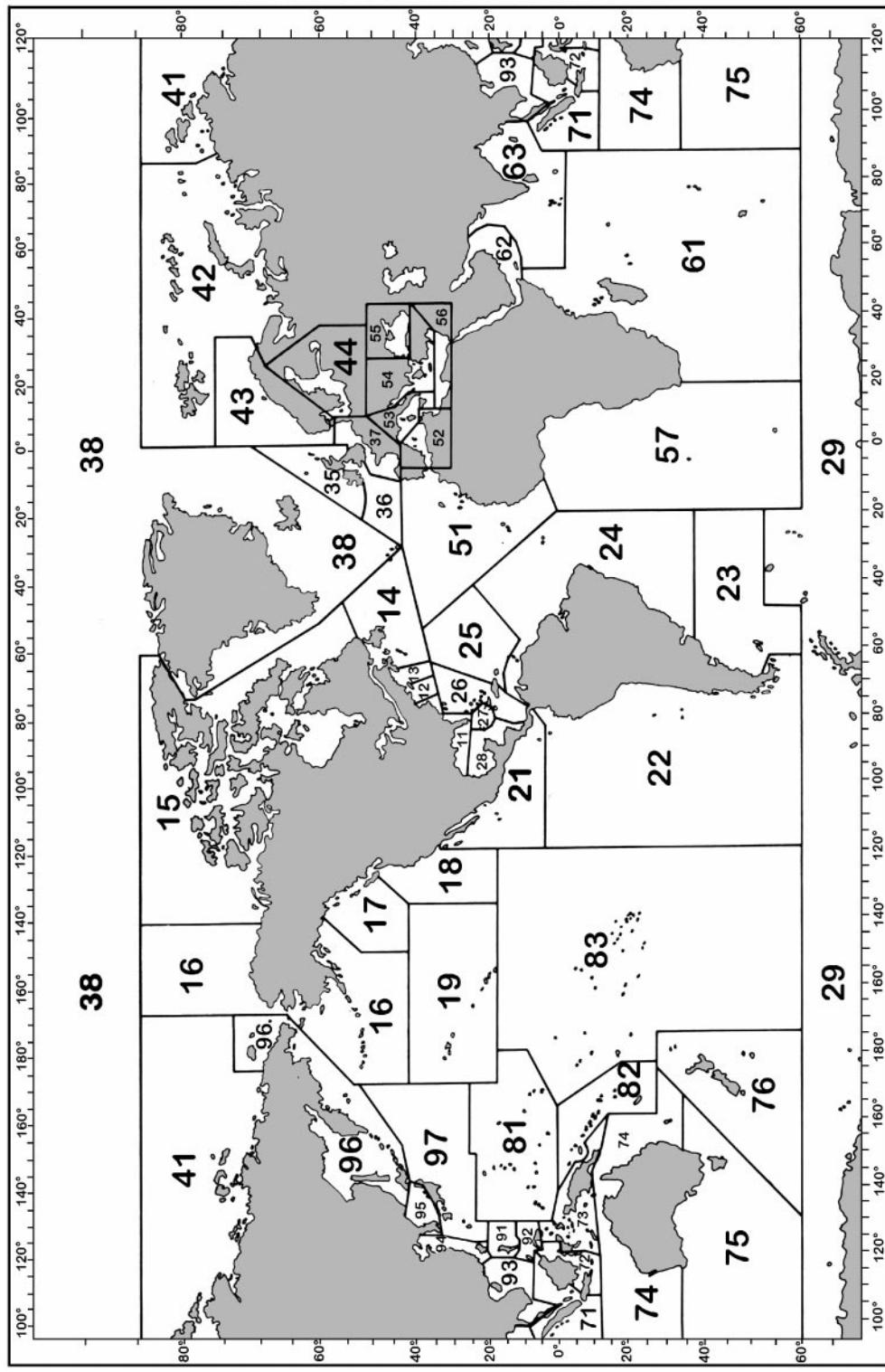
Details of Information Reported (continue on additional sheets as necessary). _____



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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

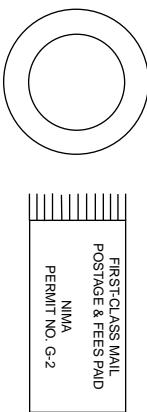
ATTN: JNAH

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