



No. 50

14 DECEMBER 2002



UNITED STATES OF AMERICA

NOTICE TO MARINERS



Published Weekly by the
National Imagery and Mapping Agency

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

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



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IMPORTANT INFORMATION

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

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

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

<u>Name</u>	<u>Telephone</u>	<u>DSN</u>	<u>FAX</u>
Maritime Safety Information Division	301-227-5006	287-5006	301-227-5745
World-Wide Navigational Warning Service	301-227-3147	287-3147	301-227-3731
Fleet Liaison Officer	301-227-3120	287-3120	301-227-4211
Maritime Safety Information Website	301-227-3296	287-3296	301-227-4211
Notice to Mariners: Regions 1 and 2	301-227-3122	287-3122	301-227-3175
Notice to Mariners: Regions 3, 4, 5	301-227-3146	287-3146	301-227-3175
Notice to Mariners: Regions 6 thru 9	301-227-3146	287-3146	301-227-3175
Sailing Directions, Fleet Guides	301-227-3183	287-3183	301-227-3174
Navigation Science Publications	301-227-3120	287-3120	301-227-3731
Distribution Issues	301-227-7652	287-7652	301-227-4211

The Maritime Safety Information Website can be accessed 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. Marine Information Report and Suggestion sheets received during the past week were submitted by the following observers:

<u>Observer</u>	<u>Ship/Organization</u>
Third Officer Scott D Gregorio	USNS SUMNER (T-AGS 61)

Cover Photo: The **USS ABRAHAM LINCOLN (CVN-72)** is America's fifth Nimitz class carrier and was named in honor of our nation's 16th President and the second ship to bear the name. She was built in Virginia by Newport News Shipbuilding and Drydock Co. at a cost of more than \$3.5 billion. Construction took nearly five years and more than 40 million manhours. A marvel of engineering, craftsmanship and technology she was christened on 13 February 1988 and was commissioned 11 November 1989. **USS ABRAHAM LINCOLN** is charged with supporting America's tactical air capability and maintaining open sea lanes. As it carries out this mission on the oceans of the world, Lincoln brings a message of peace through strength. The ship's logo, "shall not perish," comes from President Lincoln's own vision of our nation described in his famous Gettysburg Address: "...that the government of the people, by the people, for the people, shall not perish from the Earth". She is 1,092 feet in length, has a beam of 252 feet, a height of 206 feet, a full displacement of 104,112 tons and it's four main engines develop 260,000 SHP. She can carry 80+ tactical, combat and support aircraft including the F/A-18 Hornet, F-14 Tomcat, EA-6B Prowler, S-3B Viking, C-2A Greyhound, E-2C Hawkeye, SH-60F Seahawk and HH-60H Helicopter. She can accommodate 6,000+ sailors and 200 Officers. The Lincoln is homeported at Naval Station Everett, Washington.

INFORMATION
OF
SPECIAL INTEREST
OR
IMPORTANCE
TO
MARINERS

NM 50/02

HYDROGRAM

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

SPECIAL
ANNOUNCEMENTS

NEW PRODUCTS
OR SERVICES

IMPORTANT
CHANGES

14 December 2002

NEW EDITION OF RADIO NAVIGATIONAL AIDS

PUB. 117, 2002 EDITION, RADIO NAVIGATIONAL AIDS WITH ENHANCED CD-ROM VERSION THAT CAN BE DOWNLOADED AND UPDATED, IS READY FOR ISSUE. SEE SECTIONS II AND III.

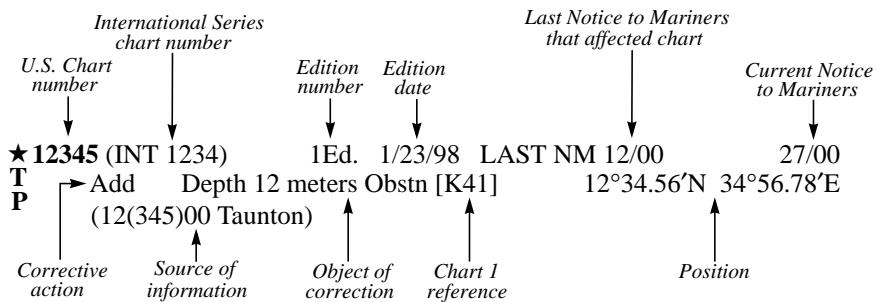
NEW EDITION OF SAILING DIRECTIONS

PUB. 173, SAILING DIRECTIONS (ENROUTE) INDIA AND THE BAY OF BENGAL, SEVENTH EDITION, 2002, IS READY FOR ISSUE. SEE SECTIONS II AND III.

EXPLANATION OF CONTENTS

The Notice to Mariners contains corrective information affecting nautical charts, the NIMA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NIMA List of Lights, Radio Navigational Aids and other related nautical publications. The information contained in these corrections is important to safe navigation. It is the user's responsibility to decide which of their charts and publications require correction. Consult the U.S. Coast Guard Local Notice to Mariners for information pertaining to waterways within the United States that are not normally used by oceangoing vessels. Because of the sometimes transitory nature of aids to navigation, depths and port information, local area sources should be consulted whenever possible. This publication is not required to be maintained intact. Portions may be separated for correction or attachment to an affected product. The Notice to Mariners is divided into the following sections:

Section I-1 contains corrections to nautical charts listed in numeric order by chart number. Each chart correction listed applies only to that particular chart. Related charts, if any, will have their own specific correction listed separately. Users should also refer to U.S. Chart 1 Nautical Chart Symbols, Abbreviations and Terms for additional information pertaining to the correcting of charts. The illustration below describes the elements that comprise a typical chart correction:



A chart correction preceded by:

- ★ indicates that it is based upon original U.S. source information.
 - T indicates that it is temporary in nature.
 - P indicates that it is preliminary, and that permanent corrective action will appear in a future Notice to Mariners.
- The letter **M** immediately following the chart number indicates that the correction should be applied to the metric side of the chart only. The letter **M** is not a part of the chart number.
- The letter **N** preceding the current Notice to Mariners number indicates that the affected chart is on Limited Distribution and is normally only for use by U.S. Navy, government-owned or -chartered vessels.
- Courses and bearings are given in degrees true.
- Light sectors are expressed in degrees true from the vessel TOWARD the light.
- The visible range(s) listed for lights is normally the nominal range (the distance at which it can be seen in clear weather), expressed in nautical miles, except in the Great Lakes where it is expressed in statute miles.
- The colors of structures and lights of navigational aids are abbreviated in accordance with Chart 1.
- Section I-2*** contains all chartlets, depth tabulations and notes associated with the chart corrections in Section I-1. Chartlets and depth tabulations supersede all previous information portrayed.
- Section I-3** lists all NIMA and NOS charts which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the oldest Summary of Corrections or the chart's announcement, whichever is later.

Section II-1 is a weekly listing of corrections to the NIMA Hydrographic Products Catalog, including new charts and publications. It also contains the latest price category information.

Section II-2* contains corrections to navigation publications, including Sailing Directions, Coast Pilots, Fleet Guides, Radio Navigational Aids (Pub. 117), *The American Practical Navigator* and other related nautical publications.

Section II-3* lists weekly updates to the USCG Light Lists.

Section II-4* lists weekly updates to the NIMA List of Lights.

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

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

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

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

**SECTION I
CHART CORRECTIONS**

NM 50/02

411	48Ed. 4/28/01 LAST NM 45/02 Change Light to Fl(2) 20s 28M (See 35/02-411) (37/02 CG7)	50/02 26°16'N 80°05'W	★11404	21Ed. 6/16/01 LAST NM 23/02 (Side A) Add Tabulation of controlling depths from Subsection I-2 (NOS)	50/02
709	(INT 709) 2Ed. 2/10/96 LAST NM 18/99 Add Light symbol [P1] Light symbol [P1] (16/504), 21(664)02 Wollongong	50/02 32°23'S 133°29'E 35°04'S 136°12'E	11460	38Ed. 6/02 LAST NM 36/02 Change Light to Fl(2) 20s 136ft 28M (See 36/02-11460) (37/02 CG7)	50/02 26°15.5'N 80°05.0'W
11013	44Ed. 1/19/02 LAST NM 35/02 Change Light to Fl(2) 20s 136ft 28M (Supersedes 35/02-11013) (37/02 CG7)	50/02 26°15.5'N 80°05.0'W	★11466	35Ed. 6/3/00 LAST NM 35/02 (Left Panel) Change Light to Fl(2) 20s 136ft 28M (Supersedes 35/02-11466)	50/02
11374	31Ed. 8/02 LAST NM 49/02 (Side B) Substitute Depth 18 feet for 22 feet Change Legend to "35 FT 2002" Legend to "34 1/2 FT 2002" Legend to "33 FT 2002" Legend to "27 1/2 FT 2002" (NOS)	50/02 30°21'18.8"N 88°33'52.3"W		Change Light to Fl(2) 20s 136ft 28M (37/02 CG7)	26°15'33"N 80°04'51"W
★11375	34Ed. 3/10/01 LAST NM 49/02 Delete Depth 22 feet Substitute Depth 20 feet for 24 feet Depth 35 feet for 40 feet Depth 23 feet for 29 feet Change Legend to "35 ft 2002" Legend to "34 1/2 ft 2002" Legend to "33 ft 2002" Legend to "27 1/2 ft 2002" (See 23/02-11375)	50/02 30°21'19.5"N 88°33'52.0"W	11467	37Ed. 9/02 LAST NM 47/02 (Side A) Change Light to Fl(2) 20s 136ft 28M (Supersedes 35/02-11467) (37/02 CG7)	50/02 26°15'33"N 80°04'51"W
	Add Depth 18 feet (NOS)	30°21'18.8"N 88°33'52.3"W 30°20'27.2"N 88°33'59.8"W	11469	5Ed. 5/19/01 LAST NM 35/02 Change Light to Fl(2) 20s 136ft 28M (See 35/02-11469) (37/02 CG7)	50/02 26°15'33"N 80°04'51"W
11376	48Ed. 12/1/01 LAST NM 43/02 Delete Legend "Shoaling...(PA)" Depth 47 feet Depth 3 feet (See 16/02-11376)	50/02 30°09'20"N 88°03'17"W 30°13'05"N 88°02'12"W 30°13'10"N 88°01'19"W	★11537	33Ed. 12/1/01 LAST NM 44/02 Delete Light "59" Light "61" Relocate Buoy "58" from 34°09'41"N 77°57'36"W to 34°09'38"N 77°57'34"W Add Buoy "59" G, Fl G 4s Buoy "61" G, Fl G 4s (43/02 CG5)	50/02 34°10'26"N 77°57'34"W 34°11'37"N 77°57'27"W
	Add Depth 36 feet Depth 32 feet Obstn [K41] Depth 6 feet Depth 14 feet Depth 7 feet (NOS)	30°13'04"N 88°02'09"W 30°16'12"N 88°02'09"W 30°13'16"N 88°01'50"W 30°13'04"N 88°01'15"W 30°13'15"N 88°00'42"W	12207	20Ed. 4/4/98 LAST NM 23/02 Add Buoy "2" R, QR (43/02 CG5)	50/02 36°54'16"N 75°42'35"W
★11377	4Ed. 4/6/02 LAST NM 40/02 Delete Legend "Shoaling...PA" and arrow	50/02 30°09'15.6"N 88°02'58.0"W	★12208	8Ed. 1/12/02 LAST NM 23/02 Add Buoy "2" R, QR (43/02 CG5)	50/02 36°54'16"N 75°42'35"W
	Depth 47 feet	30°13'04.0"N 88°02'12.0"W	12221	72Ed. 9/15/01 LAST NM 47/02 Add Buoy "2" R, QR (43/02 CG5)	50/02 36°54'16"N 75°42'35"W
	Add Depth 36 feet (NOS)	30°13'04.4"N 88°02'09.1"W 30°16'11.6"N 88°02'08.9"W	★12222	42Ed. 2/2/02 LAST NM 46/02 Add Tabulation of controlling depths from Subsection I-2 (NOS)	50/02
11378	31Ed. 12/1/01 LAST NM 40/02 (Side B) Delete Depth 47 feet Add Depth 36 feet Depth 32 feet Obstn [K41]	50/02 30°13'05"N 88°02'13"W 30°13'04.4"N 88°02'09.1"W 30°16'11.6"N 88°02'08.9"W	12245	60Ed. 1/26/02 LAST NM 49/02 Add Tabulation of controlling depths from Subsection I-2 (NOS)	50/02
	(Side B, Continuation) Delete Legend "Shoaling...(PA)" Depth 47 feet (Supersedes 16/02-11378)	30°09'20"N 88°03'17"W 30°13'05"N 88°02'13"W	★12248	39Ed. 2/9/02 LAST NM 40/02 Delete Buoy "27A" (43/02 CG5)	50/02 37°10'29"N 76°37'56"W
	Add Depth 36 feet (NOS)	30°13'04.4"N 88°02'09.1"W	★12253	42Ed. 1/5/02 LAST NM 46/02 Add Tabulation of controlling depths from Subsection I-2 (NOS)	50/02

12273	53Ed. 4/13/02 LAST NM 45/02 Relocate Range light, front from 39°30'38"N 75°54'39"W to Note: Range line unchanged (43/02 CG5)	50/02 39°30'30"N 75°54'51"W	★16529	14Ed. 8/20/94 LAST NM 28/97 Delete Buoy "10" Buoy "11" Buoy "12" Buoy "13"	50/02 53°52'35.2"N 166°32'50.2"W 53°52'33.0"N 166°32'48.2"W 53°52'32.7"N 166°32'55.1"W 53°52'32.1"N 166°32'57.5"W
12274	33Ed. 7/02 LAST NM 37/02 Relocate Range light, front from 39°30'37"N 75°54'39"W to Note: Range line unchanged (43/02 CG5)	50/02 39°30'30"N 75°54'51"W	Add Beacon "10" R Beacon "11" G Beacon "12" R Beacon "13" G	50/02 53°52'33.6"N 166°32'52.2"W 53°52'31.2"N 166°32'49.2"W 53°52'33.0"N 166°32'55.8"W 53°52'31.8"N 166°32'59.4"W	
★12277	31Ed. 4/13/02 LAST NM 26/02 Relocate Range light, front from 39°30'37.9"N 75°54'40.5"W to Note: Range line unchanged (43/02 CG5)	50/02 39°30'30.2"N 75°54'51.2"W	16530	6Ed. 4/27/96 LAST NM 28/97 Delete Buoy "10" Buoy "11" Buoy "12" Buoy "13"	50/02 53°52'35.0"N 166°32'50.2"W 53°52'32.8"N 166°32'48.1"W 53°52'32.1"N 166°32'55.0"W 53°52'32.0"N 166°32'57.7"W
12280	3Ed. 7/02 LAST NM 47/02 Add Buoy "2" R, QR (43/02 CG5)	50/02 36°54.3'N 75°42.6'W	Add Beacon "10" R Beacon "11" G Beacon "12" R Beacon "13" G	50/02 53°52'33.6"N 166°32'52.2"W 53°52'31.2"N 166°32'49.2"W 53°52'33.0"N 166°32'55.8"W 53°52'31.8"N 166°32'59.4"W	
★12311	41Ed. 9/15/01 LAST NM 42/02 Delete Range light, front Add Range light, front FG 35ft, Fl 4s 15ft Note: Range line unchanged (43/02 CG5)	50/02 39°30'34"N 75°34'01"W	17413	2Ed. 6/17/95 LAST NM 43/02 Change Visibility (range) of light to 16M (Can LL)	50/02 54°34.2'N 130°42.5'W
★12314	30Ed. 10/02 LAST NM 46/02 Delete Light Dashed line between Add Light FG 30ft, Fl 4s 18ft Note: Directional bearing unchanged (44/02 CG5)	50/02 40°01'19"N 75°01'07"W 40°01'19"N 75°01'07"W 40°01'13"N 75°01'21"W	17420	26Ed. 9/22/01 LAST NM 43/02 Change Visibility (range) of light to 16M (Can LL)	50/02 54°34.2'N 130°42.5'W
12316	28Ed. 8/25/01 LAST NM 46/02 (Side B) Change Height of light "C" to 15ft (43/02 CG5)	50/02 38°57'07"N 74°52'37"W	17438	12Ed. 1/28/95 LAST NM 16/02 Change Visibility (range) of light to 16M (Can LL)	50/02 54°34'10"N 130°42'31"W
★12317	31Ed. 2/9/02 LAST NM 37/02 Relocate Light "C" from 38°57'06.7"N 74°52'35.6"W to 38°57'07.8"N 74°52'36.7"W and change height to 15ft (43/02 CG5)	50/02 38°57'07.8"N 74°52'36.7"W	★18645	24Ed. 7/1/00 LAST NM 19/02 Change Note to "NOTE G MAIN SHIP CHANNEL SAN FRANCISCO ENTRANCE Depths entering from seaward, surveys to JUL 2002 Left outside quarter.....52.0ft. Left inside quarter.....53.8ft. Right inside quarter.....53.5ft. Right outside quarter.....54.2ft."	50/02 37°42'30"N 122°27'30"W
12324	29Ed. 4/7/01 LAST NM 18/02 (Side B) Delete Buoy (44/02 CG5)	50/02 39°46'24"N 74°05'00"W	18740	39Ed. 7/28/01 LAST NM 45/02 Delete Depth 15 fathoms Wk Dangerous wreck Dangerous wreck (PA) Danger circle and legend "Wreckage"	50/02 32°37.5'N 117°15.1'W 32°39.2'N 117°12.0'W 32°39.8'N 117°14.0'W 32°37.6'N 117°14.3'W
13006	30Ed. 7/02 LAST NM 49/02 Change Visibility (range) of light to 15M (USCG LL)	50/02 43°34.1'N 70°12.0'W	18741	18Ed. 9/9/95 LAST NM N45/02 Delete Dangerous wreck (PA) Dangerous wreck (PA) (NOS)	N50/02 32°39.2'N 117°11.9'W 32°39.8'N 117°14.0'W
13260	38Ed. 4/27/02 LAST NM 49/02 Change Visibility (range) of light to 15M (USCG LL)	50/02 43°33.8'N 70°12.1'W	18760	6Ed. 9/5/98 LAST NM N45/02 Delete Danger circle and legend "Wreckage" (NOS)	N50/02 32°37.7'N 117°13.5'W 32°39.2'N 117°11.5'W
13286	29Ed. 7/02 LAST NM 40/02 Change Visibility (range) of light to 15M (USCG LL)	50/02 43°33'57"N 70°12'00"W	18765	15Ed. 2/16/02 LAST NM 45/02 Delete Depth 15 fathoms Wk Dangerous wreck (PA) Danger circle "Obstn" Dangerous wreck (PA) Danger circle and legend "Wreckage"	50/02 32°37'39"N 117°15'05"W 32°39'06"N 117°12'02"W 32°39'29"N 117°13'42"W 32°40'00"N 117°13'58"W 32°37'33"N 117°14'17"W
13288	40Ed. 2/2/02 LAST NM 43/02 Change Visibility (range) of light to 15M (USCG LL)	50/02 43°33'57"N 70°12'00"W	(NOS)		
13290	34Ed. 2/24/01 LAST NM 43/02 Change Visibility (range) of light to 15M (USCG LL)	50/02 43°33'57"N 70°12'00"W			

SECTION I

NM 50/02

18766	7Ed. 11/26/83 LAST NM 45/02 Delete Depth 15 fathoms Wk Danger circle and legend "Wks" (NOS)	50/02 32°37.6'N 117°15.0'W 32°37.7'N 117°14.7'W 32°39.2'N 117°12.0'W	21008 62Ed. 12/5/98 LAST NM 43/02 Change Visibility (range) of light to 9M (Mex LL)	50/02 31°41.0'N 114°30.0'W
18768	4Ed. 3/11/95 LAST NM N45/02 Delete Depth 15 fathoms Wk Dangerous wreck (PA) Dangerous wreck (PA) (NOS)	N50/02 32°37.6'N 117°15.0'W 32°39.2'N 117°12.1'W 32°39.8'N 117°13.8'W Danger circle and legend "Wreckage" 32°37.7'N 117°14.6'W	21014 72Ed. 1/21/84 LAST NM 42/02 Change Visibility (range) of light to 12M Visibility (range) of light to 12M Visibility (range) of light to 25M Visibility (range) of light to 10M Visibility (range) of light to 10M (Mex LL)	50/02 23°33.3'N 109°28.3'W 23°38.8'N 109°39.9'W 22°52.7'N 109°57.6'W 23°27.0'N 110°13.9'W 23°46.2'N 110°40.3'W
★18772	46Ed. 8/1/98 LAST NM 25/02 Delete Depth 15 fathoms Wk Dangerous wreck (PA) Danger circle "Obstn" Dangerous wreck (PA) Rock which covers and uncovers Dashed line area and legend "Ruins" Rock awash and legend "Rep...PA" Danger circle and legend "Wreckage" Submarine cable between (NOS)	50/02 32°37.39'N 117°15.05'W 32°39.08'N 117°12.03'W 32°39.31'N 117°13.43'W 32°40.00'N 117°13.57'W 32°41.12'N 117°13.40'W 32°41.13'N 117°13.41'W 32°41.16'N 117°13.41'W 32°37.33'N 117°14.17'W 32°39.32'N 117°13.43'W 32°41.10'N 117°13.58'W	21017 50Ed. 3/16/85 LAST NM 41/02 Change Visibility (range) of light to 12M Visibility (range) of light to 25M (Mex LL)	50/02 23°03.8'N 109°39.9'W 22°52.3'N 109°57.8'W
★18773	38Ed. 7/28/01 LAST NM 25/02 Delete Dangerous wreck (PA) Danger circle "Obstn" Submarine cable between Dangerous wreck (PA) Rock which covers and uncovers Dashed-line ruins (platform) Legend "Ruins" Note: Dashed lines and "Subm jetty" remain Rock awash and legend "Rep...PA" Swept depth 5 feet Obstn Dashed-line ruins (2) and legend "Obstns" in vicinity Dangerous wreck (PA) Rock which covers and uncovers and legend "rep (1981)" Dangerous wreck and legend "Mast" Dotted line area, blue tint and legend "Wk" Note: Depth 17 feet remains Depth 35 feet Buoys (mooring) "A", "B", "C", "D", "E", "F", "G" and "H" between Substitute Depth 51 feet for 44 feet Depth 50 feet for 42 feet Depth 51 feet for 32 feet Depth 50 feet for 37 feet Depth 50 feet for 40 feet Depth 50 feet for 42 feet (Continuation) Delete Legend "Numerous...1984" Legend "Numerous...1984" Legend "Numerous...1988" (NOS; 41/02 CG11)	50/02 32°39.08'N 117°12.03'W 32°39.31'N 117°13.43'W 32°39.32'N 117°13.43'W 32°41.06'N 117°13.57'W 32°40.00'N 117°13.57'W 32°41.12'N 117°13.40'W 32°41.13'N 117°13.41'W 32°41.16'N 117°13.41'W 32°41.17'N 117°13.39'W Note: Dashed lines and "Subm jetty" remain 32°41.16'N 117°13.41'W 32°42.51'N 117°12.31'W 32°42.51'N 117°12.29'W 32°42.14'N 117°10.29'W 32°42.28'N 117°10.14'W 32°42.06'N 117°10.17'W 32°41.57'N 117°10.05'W Note: Depth 17 feet remains 32°42.52'N 117°11.27'W 32°41.19'N 117°09.24'W 32°41.29'N 117°09.30'W 32°42.42.9'N 117°11'16.3'W 32°42.45.5'N 117°11'16.6'W 32°42.45.9'N 117°11'20.1'W 32°42.48.5'N 117°11'23.3'W 32°42.50.6'N 117°11'23.6'W 32°42.54.9'N 117°11'30.7'W (Continuation) Delete Legend "Numerous...1984" Legend "Numerous...1984" Legend "Numerous...1988" (NOS; 41/02 CG11)	21014 72Ed. 9/27/86 LAST NM 47/02 Change Visibility (range) of light to 9M Visibility (range) of light to 9M Visibility (range) of light to 12M Visibility (range) of light to 12M Visibility (range) of light to 25M Visibility (range) of light to 10M Visibility (range) of light to 10M (Mex LL)	50/02 24°26.2'N 109°57.4'W 24°08.2'N 109°47.5'W 23°33.2'N 109°28.2'W 23°03.7'N 109°39.9'W 22°52.8'N 109°57.5'W 23°26.9'N 110°14.6'W 23°46.0'N 110°40.7'W
21126	1Ed. 10/27/90 LAST NM 43/00 Delete Submarine cable between Danger circle "Obstn" Submarine cable between Dangerous wreck (PA) Rock which covers and uncovers Dashed-line ruins (platform) Legend "Ruins" Note: Dashed lines and "Subm jetty" remain Rock awash and legend "Rep...PA" Swept depth 5 feet Obstn Dashed-line ruins (2) and legend "Obstns" in vicinity Dangerous wreck (PA) Rock which covers and uncovers and legend "rep (1981)" Dangerous wreck and legend "Mast" Dotted line area, blue tint and legend "Wk" Note: Depth 17 feet remains Depth 35 feet Buoys (mooring) "A", "B", "C", "D", "E", "F", "G" and "H" between Substitute Depth 51 feet for 44 feet Depth 50 feet for 42 feet Depth 51 feet for 32 feet Depth 50 feet for 37 feet Depth 50 feet for 40 feet Depth 50 feet for 42 feet (Continuation) Delete Legend "Numerous...1984" Legend "Numerous...1984" Legend "Numerous...1988" (NOS; 41/02 CG11)	50/02 Visibility (range) of range light, front to 20M 22°52'50"N 109°54'43"W Visibility (range) of range light, rear to 12M 22°52'50"N 109°54'53"W Visibility (range) of light to 10M 22°52'49"N 109°54'17"W Visibility (range) of light to 10M 22°52'53"N 109°54'19"W Visibility (range) of light to 25M 22°52'39"N 109°57'35"W (Mex LL)	21126 1Ed. 10/27/90 LAST NM 43/00 Change Visibility (range) of range light, front to 20M 22°52'50"N 109°54'43"W Visibility (range) of range light, rear to 12M 22°52'50"N 109°54'53"W Visibility (range) of light to 10M 22°52'49"N 109°54'17"W Visibility (range) of light to 10M 22°52'53"N 109°54'19"W Visibility (range) of light to 25M 22°52'39"N 109°57'35"W (Mex LL)	50/02 22°52'50"N 109°54'43"W 22°52'50"N 109°54'53"W
21140	1Ed. 7/9/88 LAST NM 45/02 Delete Dangerous wreck (PA) Dangerous wreck Dangerous wreck (NOS)	50/02 32°37.5'N 117°15.0'W 32°39.2'N 117°11.9'W 32°39.8'N 117°14.2'W	21140 1Ed. 7/9/88 LAST NM 45/02 Delete Dangerous wreck (PA) Dangerous wreck Dangerous wreck (NOS)	50/02 32°37.5'N 117°15.0'W 32°39.2'N 117°11.9'W 32°39.8'N 117°14.2'W
22373	1Ed. 8/3/50 LAST NM N20/00 Add Depth 13.7 meters enclosed by depth contour (20-meter) (6/84)01 Valparaiso	N50/02 45°18.7'S 73°40.2'W	22373 1Ed. 8/3/50 LAST NM N20/00 Add Depth 13.7 meters enclosed by depth contour (20-meter) (6/84)01 Valparaiso	N50/02 45°18.7'S 73°40.2'W
22379	1Ed. 1/10/85 LAST NM N46/01 Add Depth 13.7 meters enclosed by depth contour (20-meter) (6/84)01 Valparaiso	N50/02 45°18'44"S 73°40'14"W	22379 1Ed. 1/10/85 LAST NM N46/01 Add Depth 13.7 meters enclosed by depth contour (20-meter) (6/84)01 Valparaiso	N50/02 45°18'44"S 73°40'14"W
22427	1Ed. 10/10/88 LAST NM N46/02 Relocate Beacon "Muelle Mardones" from 53°07.32'S 70°51.28'W to (6/86)01 Valparaiso	N50/02 53°07.47'S 70°51.46'W	22427 1Ed. 10/10/88 LAST NM N46/02 Relocate Beacon "Muelle Mardones" from 53°07.32'S 70°51.28'W to (6/86)01 Valparaiso	N50/02 53°07.47'S 70°51.46'W
22482	16Ed. 12/23/95 LAST NM 44/02 Relocate Beacon "Muelle Mardones" from 53°07'19.0"S 70°51'17.0"W to 53°07'28.0"S 70°51'27.5"W (6/86)01 Valparaiso	50/02 10°21'13"N 75°32'00"W	22482 16Ed. 12/23/95 LAST NM 44/02 Relocate Beacon "Muelle Mardones" from 53°07'19.0"S 70°51'17.0"W to 53°07'28.0"S 70°51'27.5"W (6/86)01 Valparaiso	50/02 10°21'13"N 75°32'00"W
24509	2Ed. 6/24/95 LAST NM 45/02 Change Characteristic of buoy "27" to Fl G 2s (28/02 Bogota)	50/02 10°21'13"N 75°32'00"W	24509 2Ed. 6/24/95 LAST NM 45/02 Change Characteristic of buoy "27" to Fl G 2s (28/02 Bogota)	50/02 10°21'13"N 75°32'00"W
24510	2Ed. 6/24/95 LAST NM 46/02 Change Characteristic of buoy "27" to Fl G 2s (28/02 Bogota)	50/02 10°21'13"N 75°32'00"W	24510 2Ed. 6/24/95 LAST NM 46/02 Change Characteristic of buoy "27" to Fl G 2s (28/02 Bogota)	50/02 10°21'13"N 75°32'00"W

SECTION I

27041	4Ed. 6/3/95 LAST NM 18/98 (Inset)	50/02	Depth 8.3 meters enclosed by depth contour (10-meter) (43(4561)02 Taunton)	51°24'41"N 3°06'52"W
Add	"Marine Reserve" area bound by purple composite line joining		21°07.9'N 75°51.0'W 21°07.9'N 75°50.6'W 21°07.4'N 75°50.8'W 21°07.4'N 75°51.6'W	
	Legend "Area marked by numerous lit (Fl Y) and unlit buoys"		21°07.7'N 75°51.1'W	
	Buoy (mooring) [Q40]		21°07.9'N 75°50.1'W	
	Buoy (mooring) [Q40]		21°07.8'N 75°52.1'W	
	Buoy (mooring) [Q40]		21°07.8'N 75°52.3'W	
	Buoy (mooring) [Q40]		21°07.7'N 75°52.7'W	
	Buoy (mooring) [Q40]		21°07.2'N 75°53.6'W	
(12(117)01 Habana)				
28300	1Ed. 12/7/91 LAST NM 39/02	50/02		
Add	Light symbol [P1] (NTM0007/2002)		21°03.8'N 90°15.2'W	
35008	21Ed. 10/19/96 LAST NM 48/02 Change Characteristic of light to Iso WRG (18(768)02 Stavanger)	50/02		
			60°50.6'N 4°39.1'E	
35084	15Ed. 7/12/97 LAST NM 42/00	50/02		
Add	Legend "Less water rep (2002)" 56°27'27.0"N 2°55'39.0"W Legend "Less water rep (2002)" 56°27'42.0"N 2°40'12.0"W			
	(Plan)			
Add	Legend "Less water rep (2002)" 56°27'27.0"N 2°55'39.0"W (43(4556)02 Taunton)			
35088	2Ed. 6/21/97 LAST NM 42/00	50/02		
Add	Legend "Less water rep (2002)" (43(4556)02 Taunton)		56°27'42"N 2°40'12'W	
35236	2Ed. 2/8/97 LAST NM 38/02 Delete Buoy (43(4558)02 Taunton)	50/02		
			56°43'49"N 6°14'15"W	
35247	4Ed. 4/12/97 LAST NM 52/98 Delete Buoy (43(4558)02 Taunton)	50/02		
			56°43.8'N 6°14.3'W	
35255	3Ed. 3/1/97 LAST NM 40/98 Delete Buoy (43(4558)02 Taunton)	50/02		
			56°43.8'N 6°14.2'W	
36161	10Ed. 3/7/98 LAST NM 47/02 Delete Depth 5.8 meters	50/02		
			51°24'00"N 3°08'50"W	
Add	Depth 5 meters, blue tint and enclosing depth contour (5-meter) 51°24'04"N 3°08'50"W Depth 6.1 meters, blue tint and enclosing depth contour (10-meter) 51°24'26"N 3°07'31"W Depth 8.3 meters, blue tint and enclosing depth contour (10-meter) 51°24'41"N 3°06'52"W			
(43(4561)02 Taunton)				
36162	10Ed. 9/5/98 LAST NM 47/02 Delete Depth 5.8 meters	50/02		
			51°24'00.0"N 3°08'50.0"W	
Add	Depth 5 meters, blue tint and enclosing depth contour (5-meter) 51°24'04.2"N 3°08'49.8"W Depth 6.1 meters enclosed by depth contour (10-meter) 51°24'26.4"N 3°07'31.2"W Depth 8.3 meters enclosed by depth contour (10-meter) 51°24'40.8"N 3°06'51.6"W			
(43(4561)02 Taunton)				
36163	13Ed. 11/1/97 LAST NM 47/02 Delete Depth 5.8 meters	50/02		
			51°24'00"N 3°08'50"W	
Add	Depth 5 meters, blue tint and enclosing depth contour (5-meter) 51°24'04"N 3°08'50"W Depth 6.1 meters enclosed by depth contour (10-meter) 51°24'26"N 3°07'31"W			

(continued on next page)

SECTION I

NM 50/02

37402	(Continued)			
Substitute	Depth 8.9 meters for 4 meters	46°09'30.8"N 1°12'56.2"W		50/02
	Depth 12 meters for 14 meters	46°09'25.8"N 1°14'28.0"W		
Add	Rescue station symbol [T12]	46°08'51.0"N 1°12'33.0"W		
	Position circle "R Tr (52)"	46°09'54.6"N 1°13'19.8"W		
	Position circle (Bridge Pylon)	46°10'21.6"N 1°14'14.1"W		
	Position circle (Bridge Pylon)	46°10'24.0"N 1°14'04.2"W		
	Position circle (Bridge Pylon)	46°10'26.4"N 1°13'55.2"W		
	Land tint to area bound by shore and solid line joining	46°09'10.8"N 1°13'42.0"W 46°09'15.6"N 1°13'32.7"W 46°09'13.8"N 1°13'31.8"W		
	Double solid line with land tint (jetty) [F14] between	46°09'15.6"N 1°13'32.7"W 46°09'16.8"N 1°13'29.1"W		
	(See 49/99-37402)			
	(9/700 Brest)			
43240	4Ed. 12/28/96 LAST NM 1/99			50/02
Delete	Light	63°48.6'N 9°35.7'E		
	Light	63°49.2'N 9°36.6'E		
Add	Light Oc WRG 6s Racon	63°48.7'N 9°35.0'E		
	Light Fl R 3s	63°50.0'N 9°37.1'E		
	(18(771), 19(823)02 Stavanger)			
43243	4Ed. 1/8/94 LAST NM 1/99			50/02
Delete	Light	63°49'12"N 9°36'31"E		
	Light	63°48'38"N 9°35'42"E		
Add	Light Oc WRG 6s 9m Racon with sectors white 018°-027°, green-054°, red-060°30', white-063°30', green-218°, white-221°, red-018°	63°48'44"N 9°34'57"E		
	Light Fl R 3s	63°50'03"N 9°37'05"E		
	(18(771), 19(823)02 Stavanger)			
43300	5Ed. 7/20/96 LAST NM 47/02			50/02
Change	Characteristic of light to Iso WRG 6s	60°50.6'N 4°39.1'E		
	Note: Sectors remain unchanged			
	(18(768)02 Stavanger)			
43301	4Ed. 9/11/93 LAST NM 45/02			50/02
Add	Danger circle [K40] "Obstn (Marine farm)"	61°05'03"N 4°42'29"E		
	Danger circle [K40] "Obstn (Marine farm)"	61°05'47"N 4°45'10"E		
	Danger circle [K40] "Obstn (Marine farm)"	61°02'43"N 4°47'34"E		
	Danger circle [K40] "Obstn (Marine farm)"	61°06'15"N 4°42'50"E		
	(18(767)02 Stavanger)			
43302	4Ed. 4/9/94 LAST NM 47/02			50/02
Delete	Anchorage symbol	60°46'51"N 5°04'51"E		
Change	Characteristic of light to Iso WRG 6s	60°50'37"N 4°39'04"E		
	Note: Sectors remain unchanged			
Add	Danger circle [K40] "Obstn (Marine farm)"	60°48'05"N 4°53'01"E		
	Danger circle [K40] "Obstn (Marine farm)"	60°52'08"N 4°48'58"E		
	Danger circle [K40] "Obstn (Marine farm)"	60°51'52"N 4°50'41"E		
	Danger circle [K40] "Obstn (Marine farm)"	60°49'32"N 4°53'24"E		
	Danger circle [K40] "Obstn (Marine farm)"	60°51'36"N 4°56'08"E		
	Danger circle [K40] "Obstn (Marine farm)"	60°52'28"N 4°56'08"E		
	Danger circle [K40] "Obstn (Marine farm)"	60°51'43"N 4°58'13"E		
	Danger circle [K40] "Obstn (Marine farm)"	61°05'03"N 4°42'29"E		
	Danger circle [K40] "Obstn (Marine farm)"	61°05'47"N 4°45'10"E		
	Danger circle [K40] "Obstn (Marine farm)"	61°02'43"N 4°47'34"E		
	(18(765, 767, 768)02 Stavanger)			
43303	4Ed. 6/27/98 LAST NM 47/02			50/02
Delete	Marine farm symbol	60°45'08"N 4°53'02"E		
	Marine farm symbol	60°44'56"N 5°00'38"E		
	Marine farm symbol	60°39'48"N 5°14'01"E		
Add	Danger circle [K40] "Obstn (Marine farm)"	60°45'37"N 4°51'33"E		
	Danger circle [K40] "Obstn (Marine farm)"	60°37'31"N 5°03'37"E		
	(18(767)02 Stavanger)			
43304	2Ed. 9/5/92 LAST NM 47/02			50/02
Delete	Marine farm symbol	60°47'05"N 4°42'32"E		
Change	Characteristic of light to Iso WRG 6s	60°50'37"N 4°39'03"E		
	Note: Sectors remain unchanged			
Add	Danger circle [K40] "Obstn (Marine farm)"	60°48'05"N 4°53'01"E		
	Danger circle [K40] "Obstn (Marine farm)"	60°52'08"N 4°48'58"E		
	Danger circle [K40] "Obstn (Marine farm)"	60°51'52"N 4°50'41"E		
	Danger circle [K40] "Obstn (Marine farm)"	60°49'32"N 4°53'24"E		
	Danger circle [K40] "Obstn (Marine farm)"	60°51'36"N 4°56'08"E		
	Danger circle [K40] "Obstn (Marine farm)"	60°52'28"N 4°56'08"E		
	Danger circle [K40] "Obstn (Marine farm)"	60°51'43"N 4°58'13"E		
	(18(767, 768)02 Stavanger)			
44049	9Ed. 6/15/96 LAST NM 46/02			50/02
Delete	Beacon	55°38'08"N 12°54'28"E		
	(See 1/01-44049)			
Add	Light FG	55°36'35"N 12°58'19"E		
	Light Oc WRG 4s 5M	55°36'37"N 12°58'20"E		
	(7(82), 8(103)02 Norrkoping)			
44051	1Ed. 7/25/92 LAST NM 48/02			50/02
Delete	Light	55°38'05.6"N 13°01'05.8"E		
	Buoy	55°38'58.0"N 13°01'26.0"E		
	Buoy	55°38'09.0"N 12°54'28.0"E		
Add	Light Oc WRG 4s 5M with sectors green 003°-113°, white-122°, red-175°	55°36'36.7"N 12°58'20.2"E		
	Light FG	55°36'35.3"N 12°58'19.3"E		
	Light Fl Y (occas)	55°38'05.6"N 13°00'58.6"E		
	Buoy G, spar, cone topmark	55°36'38.5"N 12°58'12.1"E		
	Buoy R, spar, can topmark	55°36'39.4"N 12°58'12.9"E		
	Solid line (pier) between	55°36'36.7"N 12°58'20.2"E		
	(See 48/02-44051)	55°36'38.0"N 12°58'20.5"E		
	(44(1017, 1018)00, 7(82), 8(103)02 Norrkoping)			
44140	8Ed. 7/20/96 LAST NM 31/02			50/02
Add	Position circle [E26] with light			
	Fl Y 3s 10m 5M, FR	56°20.1'N 16°17.1'E		
	Position circle [E26] with light			
	Fl Y 3s 10m 5M, FR	56°20.7'N 16°17.0'E		
	Position circle [E26] with light			
	Fl Y 3s 10m 5M, FR	56°21.2'N 16°16.4'E		
	Position circle [E26] with light FR	56°21.0'N 16°16.6'E		
	Position circle [E26] with light FR	56°20.8'N 16°16.8'E		
	Position circle [E26] with light FR	56°20.5'N 16°17.1'E		
	Position circle [E26] with light FR	56°20.3'N 16°17.1'E		
	Legend "Windmotors (7)"	56°20.4'N 16°21.0'E		
	Anchorage symbol [N10]	56°22.6'N 16°09.5'E		
	(23(560), 49(1123)00, 35(647)01, 17(213)02 Norrkoping)			
44161	2Ed. 6/8/96 LAST NM 29/02			50/02
(Panel B)				
Delete	Beacon	56°40'07.2"N 16°24'07.8"E		
	Range line and legend "Bns in line 019°"			
	between	56°40'25.2"N 16°24'20.0"E		
		56°38'11.0"N 16°22'53.0"E		
	(continued on next page)			

44161	(Continued) (Plan Kalmar)		
Delete	Beacon	56°40'07.2"N 16°24'07.8"E	
	Range line and legend "Bns in line 019°" between	56°40'25.2"N 16°24'20.0"E 56°38'55.0"N 16°23'22.2"E	
Add	Position circle with legend "Cairn" [Q100] (23(561, 562)00 Norrkoping)	56°39'46.0"N 16°22'35.4"E	
44162	1Ed. 3/25/89 LAST NM 35/97	50/02	
Delete	Dashed line between	58°37'20.2"N 16°15'03.0"E 58°37'22.2"N 16°15'11.0"E	
	Berth designation "3"	58°37'15.0"N 16°15'08.0"E	
Relocate	Buoy from 58°37'04.0"N 16°15'03.0"E to 58°37'03.0"N 16°14'57.5"E		
	Buoy from 58°36'40.8"N 16°14'13.5"E to 58°36'39.7"N 16°14'11.5"E		
Substitute	Depth 9 meters for 7.5 meters	58°37'16.0"N 16°15'06.8"E	
Change	Legend to "Dredged to 12m" Legend to "Lights in line 301°06"	58°37'24.2"N 16°14'54.5"E 58°36'48.0"N 16°12'00.0"E	
	NOTE to "Marieborg range light, rear (FR) lies 500 meters, 301°06' from front."	58°37'31.0"N 16°12'18.0"E	
Add	Buoy G, spar Buoy G, spar Buoy R, spar	58°37'05.5"N 16°15'07.5"E 58°36'43.6"N 16°14'17.2"E 58°36'42.0"N 16°14'19.5"E	
	Anchoring prohibited symbol [N20]	58°37'19.8"N 16°15'09.5"E	
	Anchoring prohibited symbol [N20]	58°37'08.2"N 16°15'17.0"E	
	Anchoring prohibited symbol [N20]	58°36'36.2"N 16°14'07.5"E	
	Legend "Lights in line 121°00'" along maritime route line	58°36'29.5"N 16°12'58.0"E	
	Berth designation "3"	58°37'17.5"N 16°15'07.5"E	
(18(441, 442)00 Norrkoping; Swd CH 6212)			
44240	8Ed. 7/19/97 LAST NM 49/02	50/02	
Change	Light to L Fl(2) WRG 15s 20m 10-6M Racon, 4QY 10m 3M	63°36.9'N 20°25.2'E	
	Note: Sectors remain unchanged		
(18(437)00 Norrkoping)			
44280	9Ed. 7/13/96 LAST NM 34/02	50/02	
Add	Buoy G, spar (23(554)00 Norrkoping)	65°45.8'N 23°43.0'E	
44282	1Ed. 2/22/92 LAST NM 49/02 (Panel A)	50/02	
Change	Light to L Fl(2) WRG 15s 20m 10-6M Racon, 4QY 10m 3M	63°36'55"N 20°25'11"E	
	Note: Sectors remain unchanged		
(18(437)00 Norrkoping)			
44283	2Ed. 4/6/96 LAST NM 9/01	50/02	
Delete	Legend "7.3 m" Berth designation "3" Berth designation "5" Berth designation "6" Berth designation "7" Berth designation "8" Berth designation "9" Berth designation "10" Berth designation "11"	65°34'34.8"N 22°10'08.4"E 65°33'03.5"N 22°13'37.0"E 65°34'12.0"N 22°10'35.0"E 65°34'15.2"N 22°10'24.4"E 65°34'21.0"N 22°10'18.0"E 65°34'27.0"N 22°10'18.0"E 65°34'34.0"N 22°10'20.0"E 65°34'50.0"N 22°09'28.0"E 65°34'50.5"N 22°09'10.0"E	
Substitute	Double dashed line [F33.2] with blue tint and legend "Ruins" for pier between	65°34'13.2"N 22°10'26.6"E 65°34'08.8"N 22°10'30.0"E	
Change	Legend "8.8 m" to "9.1 m" Legend "6.3 m" to "6.8 m"	65°34'28.0"N 22°10'05.0"E 65°34'47.2"N 22°09'24.6"E	
	Fish haven symbol [K46.1] (48(879), 51(955)01 Cadiz; 8(176)02 Lisboa)	37°11.0'N 7°03.5'W	
51150	1Ed. 3/24/90 LAST NM 38/01	50/02	
Add	"Anchorage" area [N12.1] bound by dashed line joining	37°06.2'N 8°32.1'W 37°06.2'N 8°34.1'W 37°03.9'N 8°34.1'W 37°03.9'N 8°32.1'W	
	(8(176)02 Lisboa)		
51154	3Ed. 12/30/95 LAST NM 12/97	50/02	
Delete	Anchorage symbol, dashed line and legend "Tower bearing 000°00'" between	37°07'06.0"N 8°32'15.0"W 37°06'07.4"N 8°32'15.0"W	
	Anchorage symbol, dashed line and legend "097°00'" between	37°06'34.0"N 8°32'15.5"W 37°06'30.0"N 8°31'35.0"W	
Add	"Anchorage" area [N12.1] bound by dashed line joining	37°06'13.4"N 8°32'04.8"W 37°06'13.4"N 8°34'04.8"W 37°03'55.4"N 8°34'04.8"W 37°03'55.4"N 8°32'04.8"W	
	(8(176)02 Lisboa)		
51155	1Ed. 7/7/84 LAST NM 50/02	50/02	
Delete	Anchorage symbol	37°06'30"N 8°32'03'W	
Add	"Anchorage" area [N12.1] bound by dashed line joining	37°06'13" 8°32'05" W 37°06'13" 8°34'05" W 37°03'55" 8°34'05" W 37°03'55" 8°32'05" W	
	(8(176)02 Lisboa)		
51160	20Ed. 9/22/90 LAST NM 48/02	50/02	
Delete	Anchorage symbol	37°06.5'N 8°32.0'W	
Add	"Anchorage" area [N12.1] bound by dashed line joining	37°06.2'N 8°32.1'W 37°06.2'N 8°34.1'W 37°03.9'N 8°34.1'W 37°03.9'N 8°32.1'W	
	Submarine cable [L30.1] joining	36°40.4'N 6°24.6'W 36°39.4'N 6°47.4'W 36°27.0'N 7°23.4'W 36°26.9'N 7°25.8'W 36°18.3'N 7°48.0'W	
	Fish haven symbol [K46.1] (48(879), 51(955)01 Cadiz; 8(176)02 Lisboa)	37°11.0'N 7°03.5'W	
51164	18Ed. 2/5/00 LAST NM 46/02	50/02	
Add	Submarine cable [L30.1] between	36°40'24"N 6°24'38" W 36°40'10"N 6°32'48" W	
	(continued on next page)		

SECTION I

NM 50/02

51164	(Continued)			
	Land tint to area bound by shore and solid line [F13] joining	36°31'27"N 6°15'27"W 36°31'31"N 6°15'28"W 36°31'32"N 6°15'18"W	Depth 7.9 meters and delete depth 8.5 meters close E (48(899)01 Cadiz)	37°17'39"N 1°42'02"W
	and delete hydrography within above area (47(867), 48(879)01 Cadiz)			
51165	8Ed. 3/11/00 LAST NM 45/02	50/02		
Relocate	Light from 36°31'26.7"N 6°15'26.7"W to 36°31'30.5"N 6°15'28.2"W			
Add	Land tint to area bound by shore and solid line [F13] joining	36°31'26.7"N 6°15'26.7"W 36°31'30.5"N 6°15'28.2"W 36°31'30.6"N 6°15'27.6"W 36°31'30.0"N 6°15'27.1"W 36°31'32.4"N 6°15'18.3"W 36°31'33.0"N 6°15'18.5"W	(47(859)01 Cadiz)	
(47(867)01 Cadiz)				
51167	6Ed. 3/11/00 LAST NM 45/02	50/02		
Relocate	Light from 36°31'26.7"N 6°15'26.7"W to 36°31'30.5"N 6°15'28.2"W			
Add	Land tint to area bound by shore and solid line [F13] joining	36°31'26.7"N 6°15'26.7"W 36°31'30.5"N 6°15'28.2"W 36°31'30.6"N 6°15'27.6"W 36°31'30.0"N 6°15'27.1"W 36°31'32.4"N 6°15'18.3"W	(47(867)01 Cadiz)	
		36°31'33.0"N 6°15'18.5"W		
51168	2Ed. 6/25/94 LAST NM 46/02	50/02		
Add	Submarine cable [L30.1] joining	36°40'24"N 6°24'38"W 36°39'25"N 6°47'24"W 36°35'30"N 6°59'15"W	(48(879)01 Cadiz)	
51260	4Ed. 8/10/96 LAST NM 37/02	50/02		
Add	Depth 12.4 meters Wk [K26] (48(895)01 Cadiz)	27°48.8'N 15°45.9'W		
52039	3Ed. 7/1/95 LAST NM 46/01	50/02		
Add	Submarine cable [L30.1] joining	36°01.3'N 5°17.0'W 36°01.7'N 5°11.1'W 36°00.0'N 5°00.0'W 36°00.0'N 4°55.0'W	(50(927)01 Cadiz)	
52040	17Ed. 9/27/86 LAST NM 43/02	50/02		
Add	Submarine cable [L30.1] joining	36°01.3'N 5°17.0'W 36°01.7'N 5°11.1'W 36°00.0'N 5°00.0'W 36°00.0'N 4°30.0'W 36°21.9'N 3°41.9'W 36°19.8'N 3°11.8'W 36°19.8'N 2°58.4'W		
	Danger circle [K40] "Obstn" (48(897), 50(927)01 Cadiz)	36°44.1'N 4°01.8'W		
52046	21Ed. 10/14/00 LAST NM 46/01	50/02		
Add	Danger circle [K40] "Obstn (Marine farm)" marked by buoy Y, spar, "X" topmark, 4 Fl Y 5s (48(897)01 Cadiz)	36°44'04"N 4°01'45"W		
52060	16Ed. 9/26/87 LAST NM 43/02	50/02		
Substitute	Depth 5 meters for 6.5 meters Depth 7.9 meters for 8.5 meters	37°18.1'N 1°41.9'W 37°17.7'N 1°42.0'W		
Add	Depth 17.6 meters and extend 20-meter depth contour to enclose (48(899)01 Cadiz)	37°17.1'N 1°42.3'W		
52066	3Ed. 1/18/97 LAST NM 16/01	50/02		
Substitute	Depth 17.6 meters enclosed by depth contour (20-meter) for 23 meters	37°17'07"N 1°42'20"W		
Add	Depth 5 meters and delete depth 6.5 meters close NW	37°18'06"N 1°41'55"W		

SECTION I

54227	2Ed. 7/15/95 LAST NM 7/02	50/02	Substitute	Platform with light flare symbol [L10] for position circle "Pipe" 31°29.70'N 32°34.70'E
Delete	Buoy	43°02'05.0"N 17°25'00.0"E		
	Buoy	43°02'22.0"N 17°25'12.0"E		
Add	Buoy G, pillar, cone topmark, Fl G 2s	43°02'41.3"N 17°25'27.3"E	Change	Legend to "Maintained depth 15m" 31°33.00'N 31°46.40'E
	Buoy G, pillar, cone topmark, Fl G 2s	43°02'34.0"N 17°25'20.0"E	Add	Buoy BY, pillar, double cone topmark points upward, VQ(3) 5s [Q130.3] 31°38.17'N 31°44.83'E
	Buoy G, pillar, cone topmark, Fl G 2s	43°02'15.3"N 17°25'09.5"E		Buoy YBY, pillar, double cone topmark points together, VQ(9) 5s [Q130.3] 31°37.10'N 31°44.25'E
	Buoy G, pillar, cone topmark, Fl G 2s	43°02'06.5"N 17°25'01.8"E		Buoy YB, pillar, double cone topmark points downward, Q(6) + L Fl 15s [Q130.3] 31°35.55'N 31°44.33'E
(8)(8)02 Split)				
*54279	4Ed. 9/21/02 NEW EDITION (NIMA)	50/02		Buoy Y, pillar, "X" topmark, Fl Y 31°35.58'N 31°46.10'E
56100	13Ed. 3/2/96 LAST NM 49/02	50/02		Buoy RW, pillar, ball topmark, Q(2) 31°37.72'N 31°46.43'E
Delete	Buoy	31°36.5'N 31°46.3'E		"WAITING AREA" bound by dashed line
	Dashed line joining	31°36.4'N 31°46.2'E 31°36.7'N 31°45.1'E 31°35.7'N 31°44.7'E 31°35.4'N 31°46.2'E	joining	31°38.17'N 31°44.83'E 31°37.10'N 31°44.25'E 31°35.55'N 31°44.33'E 31°35.58'N 31°46.10'E 31°37.72'N 31°46.43'E
Substitute	Platform with light flare symbol [L10] for position circle "Pipe"	31°29.7'N 32°34.7'E		Platform with light flare symbol [L10] 31°51.70'N 32°06.50'E
	Depth 17.2 meters for 17.5 meters	31°39.3'N 32°08.8'E		Platform with light flare symbol [L10] 31°36.80'N 32°13.30'E
	Depth 17.2 meters Wk for 17.3 meters Wk	31°29.1'N 32°18.1'E		Platform with light flare symbol [L10] 31°42.30'N 32°24.50'E
Add	Buoy RW, pillar, ball topmark, Q(2)	31°37.7'N 31°46.4'E		Platform with light flare symbol [L10] 31°30.40'N 32°32.20'E
	Dashed line joining	31°37.7'N 31°46.4'E 31°38.2'N 31°44.8'E 31°37.1'N 31°44.3'E 31°35.6'N 31°45.3'E 31°35.6'N 31°46.1'E		Platform with light flare symbol [L10] 31°34.00'N 32°26.12'E
	Platform with light flare symbol [L10]	31°54.9'N 31°54.1'E		Platform with light flare symbol [L10] 31°34.30'N 32°26.12'E
	Platform with light flare symbol [L10]	31°51.7'N 32°06.5'E		Submarine pipeline [L40.1] with legend "Gas (See Note)" joining 31°54.00'N 31°57.25'E
	Platform with light flare symbol [L10]	31°36.8'N 32°13.3'E		31°51.70'N 32°06.50'E
	Platform with light flare symbol [L10]	31°42.3'N 32°24.5'E		31°18.54'N 32°09.73'E
	Platform with light flare symbol [L10]	31°30.4'N 32°32.2'E		Submarine pipeline [L40.1] with legend "Gas (See Note)" joining 31°36.80'N 32°13.30'E
	Platform with light flare symbol [L10]	31°34.0'N 32°26.1'E		31°37.10'N 32°14.10'E
	Platform with light flare symbol [L10]	31°34.3'N 32°26.1'E		31°34.00'N 32°15.80'E
	Submarine pipeline [L40.1] with legend "Gas CAUTION NO 2" joining	31°54.9'N 31°54.1'E 31°51.7'N 32°06.5'E 31°18.5'N 32°09.7'E		31°33.70'N 32°14.70'E
	Submarine pipeline [L40.1] with legend "Gas CAUTION NO 2" joining	31°36.8'N 32°13.3'E 31°37.1'N 32°14.1'E 31°34.0'N 32°15.8'E		31°33.25'N 32°14.10'E
	Submarine pipeline [L40.1] with legend "Gas CAUTION NO 2" joining	31°42.3'N 32°24.5'E 31°33.7'N 32°29.4'E 31°34.0'N 32°26.1'E 31°34.3'N 32°26.1'E 31°34.0'N 32°15.8'E 31°33.7'N 32°14.7'E 31°33.2'N 32°14.1'E 31°18.5'N 32°09.7'E		31°18.54'N 32°09.73'E
	Submarine pipeline [L40.1] joining	31°29.7'N 32°34.7'E 31°30.4'N 32°32.2'E 31°33.7'N 32°29.4'E		Submarine pipeline [L40.1] with legend "Gas (See Note)" joining 31°29.70'N 32°34.70'E
(16(1664)01, 18(1794), 39(4152)02 Taunton; BA CH 2573)				31°30.40'N 32°32.20'E
				31°33.67'N 32°29.46'E
56104	2Ed. 9/30/95 LAST NM 49/02	50/02		Danger circle "Well" [K40] 31°50.60'N 32°08.15'E
Delete	Buoy	31°35.40'N 31°46.23'E		Danger circle "Well" [K40] 31°50.15'N 32°09.25'E
	Buoy	31°35.55'N 31°45.45'E		Danger circle "Well" [K40] 31°50.35'N 32°10.10'E
	Buoy	31°35.70'N 31°44.67'E		Danger circle "Well" [K40] 31°49.60'N 32°10.05'E
	Buoy	31°36.72'N 31°45.12'E		Danger circle "Well" [K40] 31°49.55'N 32°09.40'E
	Buoy	31°36.50'N 31°46.30'E		Danger circle "Well" [K40] 31°49.25'N 32°09.45'E
	"WAITING AREA" bound by dashed line joining	31°36.50'N 31°46.30'E 31°36.72'N 31°45.12'E 31°35.70'N 31°44.67'E 31°35.40'N 31°46.23'E		Danger circle "Well" [K40] 31°49.20'N 32°10.39'E
			Change	(Plan) Legend to "Maintained depth 15m" 31°30'00.0"N 31°45'35.5"E (16(1664)01, 18(1794), 39(4152)02 Taunton; BA CH 2578)
62032	15Ed. 3/25/95 LAST NM 43/02	50/02	Add	Dangerous wreck [K28] "Rep (2002)" 29°04.8'N 49°22.8'E (NTM0027/2002)
62033	2Ed. 7/6/96 LAST NM N43/02	N50/02	Add	Dangerous wreck [K28] "Rep (2002)" 29°04.8'N 49°22.8'E (NTM0027/2002)
62393	7Ed. 8/26/95 LAST NM 37/02	50/02	Add	Depth 9.4 meters enclosed by depth contour (10-meter) (SD) 27°03'36"N 56°07'26"E

(continued on next page)

SECTION I

NM 50/02

62393	(Continued)				
	Depth 9.5 meters enclosed by depth contour (10-meter) (SD)	27°02'59"N 56°07'26"E			50/02
	Depth 8.3 meters enclosed by depth contour (10-meter) (SD)	27°07'04"N 56°14'49"E			
	Depth 4.2 meters (SD) (43(4610)02 Taunton)	26°58'20"N 56°17'49"E			
62394	10Ed. 4/15/95 LAST NM 37/02	50/02			
Add	Depth 8.3 meters enclosed by depth contour (10-meter) (SD)	27°07'04.2"N 56°14'48.6"E			
	Depth 4.2 meters enclosed by depth contour (5-meter) (SD)	26°58'20.4"N 56°17'49.2"E			
	(43(4610)02 Taunton)				
62395	2Ed. 4/15/95 LAST NM 34/02	50/02			
Add	Depth 9.4 meters enclosed by depth contour (10-meter) (SD)	27°03'36.0"N 56°07'25.8"E			
	Depth 9.5 meters enclosed by depth contour (10-meter) (SD)	27°02'58.8"N 56°07'25.8"E			
	(43(4610)02 Taunton)				
*62464	2Ed. 12/8/01 LAST NM 49/02	50/02			
Add	Position circle "TR" [E20]	25°00'40.2"N 55°04'09.4"E			
	Tank symbol [E32], radius 35 meters, centered 25°00'41.3"N 55°03'17.5"E				
	Tank symbol [E32], radius 35 meters, centered 25°00'39.0"N 55°03'19.9"E				
	Tank symbol [E32], radius 35 meters, centered 25°00'38.6"N 55°03'14.5"E				
	Tank symbol [E32], radius 35 meters, centered 25°00'36.4"N 55°03'16.8"E				
	(NTM0042/2002)				
62490	1Ed. 5/30/98 LAST NM 43/02	50/02			
Add	Dangerous wreck [K28] "Rep (2002)"	29°04.8'N 49°22.8"E			
	(NTM0027/2002)				
62499	4Ed. 12/8/01 LAST NM 49/02	50/02			
Add	Position circle "TR" [E20]	25°00'40.2"N 55°04'09.4"E			
	Tank symbol [E32]	25°00'41.3"N 55°03'17.5"E			
	Tank symbol [E32]	25°00'39.0"N 55°03'19.9"E			
	Tank symbol [E32]	25°00'38.6"N 55°03'14.5"E			
	Tank symbol [E32]	25°00'36.4"N 55°03'16.8"E			
	(NTM0042/2002)				
*62540	6Ed. 1/26/02 LAST NM 48/02	50/02			
Add	Dangerous wreck [K28] "Rep (2002)"	29°04.8'N 49°22.8"E			
	(NTM0027/2002)				
62541	3Ed. 1/26/02 LAST NM N48/02	N50/02			
Add	Dangerous wreck [K28] "Rep (2002)"	29°04.8'N 49°22.8"E			
	(NTM0027/2002)				
72000	8Ed. 8/5/95 LAST NM 47/02	50/02			
Add	Submarine cable [L30.1] joining	4°41.9'S 114°00.8"E 5°08.0'S 113°34.4"E 5°25.6'S 113°34.4"E 5°36.1'S 113°26.3"E 6°01.5'S 112°57.8"E			
	(25(173)00 Jakarta)				
72021	8Ed. 11/30/96 LAST NM 47/02	50/02			
Add	Submarine cable [L30.1] joining	3°52.2'S 114°36.4"E 3°53.3'S 114°26.5"E 3°56.4'S 114°26.6"E 4°06.9'S 114°18.0"E 4°41.9"S 114°00.8"E 5°08.0'S 113°34.4"E 5°25.6'S 113°34.4"E 5°36.1'S 113°26.3"E 6°01.5'S 112°57.8"E			
	(25(173)00 Jakarta)				
72060	8Ed. 3/28/98 LAST NM 32/02	50/02			
Add	Submarine cable [L30.1] between	4°41'54"S 114°00'50"E 4°50'00"S 113°52'34"E			
	(25(173)00 Jakarta)				
74393	9Ed. 10/30/99 LAST NM 41/02	50/02			
Add	Buoy (mooring) [Q41] Q	(21(661)02 Wollongong)	12°28.88'S 130°52.00"E		
74394	2Ed. 10/3/98 LAST NM 49/02	50/02			
Delete	Buoy		12°28'02.5"S 130°51'10.2"E		
Add	Buoy R, can, QR		12°27'22.4"S 130°51'04.8"E		
	Buoy (mooring) [Q41] Q		12°28'52.8"S 130°52'00.0"E		
	(See 18/99-74394)				
74560	10Ed. 7/18/98 LAST NM 48/02	50/02			
(Plan A)	"Spoil Ground" area [N62.1] bound by				
Add	dashed line joining	28°44'03.0"S 114°33'17.0"E 28°44'04.0"S 114°33'28.0"E 28°45'18.0"S 114°33'26.0"E 28°45'16.0"S 114°33'15.0"E			
	"Spoil Ground" area [N62.1] bound by				
	dashed line joining	28°46'05.0"S 114°32'40.0"E 28°46'05.0"S 114°32'51.0"E 28°46'50.0"S 114°32'50.0"E 28°46'50.0"S 114°32'39.0"E			
	"Spoil Ground" area [N62.1] bound by				
	dashed line joining	28°45'54.0"S 114°33'10.0"E 28°45'54.0"S 114°33'21.0"E 28°47'09.0"S 114°33'19.0"E 28°47'09.0"S 114°33'08.0"E			
	(21(663)02 Wollongong)				
75010	7Ed. 7/13/96 LAST NM 42/02	50/02			
	Change Visibility (range) of light to 17M		32°22.7'S 133°28.7"E		
	(21(664)02 Wollongong)				
75110	2Ed. 6/24/95 LAST NM 24/98	50/02			
	Change Visibility (range) of light to 17M		32°22.7'S 133°28.7"E		
	(21(664)02 Wollongong)				
75130	16Ed. 8/26/95 LAST NM 41/02	50/02			
	Change Light to Fl 7.5s 49m 18M		35°03.7'S 136°12.0"E		
	(16(504)02 Wollongong)				
75142	5Ed. 4/27/96 LAST NM 42/02	50/02			
Add	Depth 2.8 meters Obstn [K41]	(21(665)02 Wollongong)	33°01'05"S 137°40'04"E		
75143	4Ed. 8/2/97 LAST NM 42/02	50/02			
Add	Depth 2.8 meters Obstn [K41]	(21(665)02 Wollongong)	33°01'05"S 137°40'04"E		
75150	5Ed. 3/8/97 LAST NM 16/02	50/02			
	Change Light to Fl 5s 17m 10M		36°57'07"S 139°35'43"E		
	(21(666)02 Wollongong)				
75175	9Ed. 12/18/93 LAST NM 45/02	50/02			
Add	Buoy BRB, spar	(21(672)02 Wollongong)	37°51'13.6"S 144°54'10.3"E		
75176	9Ed. 9/16/00 LAST NM 42/02	50/02			
Delete	Beacon		38°01'53.4"S 144°35'36.0"E		
	Relocate Beacon "No 6" from		38°05'25.8"S 144°36'56.4"E to		
	38°05'26.3"S 144°36'54.2"E				
	Beacon "No 14" from		38°07'20.4"S 144°33'09.0"E to		
	38°07'17.7"S 144°33'11.9"E				
	Add Beacon YB, double cone topmark		38°01'52.0"S 144°35'42.4"E		
	points downward		(21(669), 670)02 Wollongong)		

SECTION I

75177	7Ed. 6/20/98 LAST NM 48/02 Relocate Beacon from 37°55'33.6"S 144°48'52.5"E to 37°55'35.2"S 144°48'54.8"E	50/02	93730	3Ed. 6/29/96 LAST NM 47/02 Delete Quarantine anchorage symbol Pilot station symbol	50/02 22°35.8'N 114°35.6'E 22°35.8'N 114°35.2'E	
Add	Buoy Y, spar Buoy Y, spar (21(671, 672)02 Wollongong)	37°52'08.8"S 144°53'33.8"E 37°52'07.4"S 144°53'24.8"E	Add	Legend "No 2" to anchorage symbol Anchorage area "No 1" [N12.2] bound by dashed line joining	22°31.9'N 114°27.7'E 22°32.6'N 114°37.2'E 22°34.5'N 114°33.0'E 22°34.0'N 114°36.9'E	
75208	2Ed. 7/22/95 LAST NM 26/02 (Plan A)	50/02		Anchorage area "No 2" [N12.2] bound by dashed line joining	22°34.9'N 114°33.1'E 22°38.2'N 114°36.0'E 22°34.5'N 114°36.8'E	
Add	"Marine Farm (see Note)" area bound by shore and purple dashed line joining	41°09'55.4"S 146°54'39.7"E 41°09'49.6"S 146°54'39.5"E 41°09'45.9"S 146°54'44.5"E 41°09'52.9"S 146°54'58.3"E 41°09'59.0"S 146°54'56.6"E 41°10'01.3"S 146°54'52.4"E		Anchorage area "No 3" [N12.2] bound by dashed line joining	22°34.0'N 114°24.0'E 22°36.0'N 114°24.0'E 22°35.6'N 114°25.4'E 22°34.0'N 114°25.4'E	
	Note from Subsection I-2 (21(668)02 Wollongong)	41°10'30.0"S 146°52'54.0"E			"ANCHORAGE AREA" [N12.1] bound by purple dashed-line circle, radius 2 miles, centered	
81092	3Ed. 7/02 LAST NM 38/02 Add Note: "COLREGS 80.1495 (see note A) International Regulations for Preventing Collisions at Sea, 1972. The entire area of this chart falls seaward of the COLREGS Demarcation Line."	50/02 (NOS)			21°57.6'N 113°59.1'E	
82242	1Ed. 5/25/91 LAST NM 48/02 Delete Legend "WORLD GEODETIC SYSTEM - 1984 DATUM" in left upper margin of chart	50/02		Anchorage area "No 1" [N12.2] bound by purple dashed-line circle, radius 1 mile, centered	22°00.0'N 113°54.0'E	
Add	Datum note from Subsection I-2 in left upper margin of chart (NTM0028/2002)			Anchorage area "No 2" [N12.2] bound by purple dashed-line circle, radius 1 mile, centered	22°01.0'N 113°56.0'E	
82253	7Ed. 10/4/97 LAST NM 48/02 Delete Legend "WORLD GEODETIC SYSTEM (WGS)"	50/02 8°21.7'S 155°30.0'E		Dotted-line circle "Well" [L21.1] (PA)	21°20.6'N 115°06.3'E (24(389)01, 11(186), 14(252), 15(279, 280), 17(326, 327)02 Tianjin)	
Substitute	Datum note from Subsection I-2 for same (NTM0028/2002)	8°34.5'S 155°30.0'E				
93720	10Ed. 8/12/95 LAST NM 45/02 Add "PILOTAGE AND QUARANTINE ANCHORAGE AREA" [N12.1] bound by purple dashed line joining	50/02 22°06.5'N 113°52.0"E 22°06.5'N 113°55.0"E 22°03.5'N 113°55.0"E 22°03.5'N 113°52.0"E		94160	7Ed. 3/23/96 LAST NM 47/02 Delete Dangerous wreck (PA)	50/02 27°44.8'N 121°14.0'E
	"ANCHORAGE AREA" [N12.1] bound by purple dashed-line circle, radius 2 miles, centered	21°57.6'N 113°59.1'E	Add	Dangerous wreck [K28] "Rep (2001)" (PA)	27°42.2'N 121°12.6'E	
	Anchorage area "No 1" [N12.2] bound by purple dashed-line circle, radius 1 mile, centered	22°00.0'N 113°54.0'E		Light Fl 6s 37m 7M (22(344)01, 4(56)02 Tianjin; BA LL)	27°38.9'N 120°57.9'E	
	Anchorage area "No 2" [N12.2] bound by purple dashed-line circle, radius 1 mile, centered	22°01.0'N 113°56.0'E (11(186), 13(239)02 Tianjin)				
93721	5Ed. 6/5/99 LAST NM 45/02 Add "PILOTAGE AND QUARANTINE ANCHORAGE AREA" [N12.1] bound by purple dashed line joining	50/02 22°06'30"N 113°52'00"E 22°06'30"N 113°55'00"E 22°03'30"N 113°55'00"E 22°03'30"N 113°52'00"E		94164	2Ed. 3/23/96 LAST NM 46/02 Relocate Buoy "4" from 26°05'29"N 119°41'18"E to 26°05'34"N 119°41'27"E	50/02 26°05'34"N 119°41'27"E
	"ANCHORAGE AREA" [N12.1] bound by purple dashed line joining	22°29'44"N 113°49'00"E 22°29'44"N 113°49'35"E 22°28'22"N 113°50'27"E 22°28'22"N 113°49'00"E (See 9/02-93721) (13(239), 16(312)02 Tianjin)	Change	Buoy to "7" G, pillar, cone topmark, QG (42(751, 752)02 Tianjin)	26°06'58"N 119°39'53"E	
93721	5Ed. 6/5/99 LAST NM 45/02 Add "PILOTAGE AND QUARANTINE ANCHORAGE AREA" [N12.1] bound by purple dashed line joining	50/02 22°29'44"N 113°49'00"E 22°29'44"N 113°49'35"E 22°28'22"N 113°50'27"E 22°28'22"N 113°49'00"E (See 9/02-93721) (13(239), 16(312)02 Tianjin)		94165	4Ed. 11/30/96 LAST NM 26/02 Relocate Buoy "3" from 26°05'46.1"N 119°41'32.0"E to 26°05'50.0"N 119°41'54.1"E Buoy "4" from 26°05'30.2"N 119°41'22.0"E to 26°05'36.0"N 119°41'26.0"E (See 20/01-94165)	50/02 26°05'50.0"N 119°41'54.1"E 26°05'36.0"N 119°41'26.0"E
	"ANCHORAGE AREA" [N12.1] bound by purple dashed line joining	22°29'44"N 113°49'00"E 22°29'44"N 113°49'35"E 22°28'22"N 113°50'27"E 22°28'22"N 113°49'00"E (See 9/02-93721) (13(239), 16(312)02 Tianjin)	Change	Buoy to "7" G, pillar, cone topmark, QG (42(751-753)02 Tianjin; Cna CH 13991)	26°06'58.0"N 119°39'53.2"E	
			Add	Buoy "6" R, pillar, can topmark, Fl(2) R 6s Buoy "8" R, pillar, can topmark, QR Buoy "9" G, pillar, cone topmark, Fl G 4s Buoy "10" R, pillar, can topmark, Fl R 4s Buoy "11" G, pillar, cone topmark, Fl(3) G 10s Buoy "12" R, pillar, can topmark, Fl(3) R 10s	26°06'12.1"N 119°40'44.1"E 26°06'50.0"N 119°39'49.8"E 26°06'50.0"N 119°39'49.8"E 26°07'34.6"N 119°38'59.1"E 26°07'21.8"N 119°39'07.8"E 26°07'53.0"N 119°38'19.2"E 26°07'49.3"N 119°38'04.0"E (42(751-753)02 Tianjin; Cna CH 13991)	
94180	9Ed. 10/28/95 LAST NM 47/02 Delete Dangerous wreck (PA)	50/02 27°44.8'N 121°14.0'E	Add	Dangerous wreck [K28] "Rep (2001)" (PA)	27°42.2'N 121°12.6'E	
				Light Fl 6s 37m 7M (22(344)01, 4(56)02 Tianjin; BA LL)	27°38.9'N 120°57.9'E	

SECTION I

NM 50/02

95066	11Ed. 11/21/98 LAST NM 49/02 Relocate Buoy "A" from 37°13'25"N 126°25'12"E to 37°13'32"N 126°25'13"E Buoy "C" from 37°14'24"N 126°25'12"E to 37°14'20"N 126°25'13"E (43(597)02 Inchon)	50/02	95169	2Ed. 2/26/94 LAST NM 44/02 Add Buoy "A" Y, pillar, "X" topmark, Fl(4) Y 8s 38°11'46.1"N 128°35'02.1"E Buoy "B" Y, pillar, "X" topmark, Fl(4) Y 8s 38°11'46.1"N 128°35'10.6"E Buoy "C" Y, pillar, "X" topmark, Fl(4) Y 8s 38°11'46.1"N 128°35'19.3"E Buoy "D" Y, pillar, "X" topmark, Fl(4) Y 8s 38°11'47.1"N 128°35'19.3"E Buoy "E" Y, pillar, "X" topmark, Fl(4) Y 8s 38°11'37.4"N 128°35'19.4"E (23(299)02 Inchon)	50/02
95080	13Ed. 6/24/95 LAST NM 45/02 Add Light Fl 5s 19m 8M (47(505)99 Inchon)	50/02	95173	1Ed. 11/27/93 LAST NM 17/02 Delete Buoy (46(492)99 Inchon)	50/02
95084	7Ed. 6/11/94 LAST NM 18/02 Add Light Fl 5s 19m 8M (47(505)99 Inchon)	50/02	95174	1Ed. 8/7/93 LAST NM 17/02 Delete Buoy (See 39/97-95174) (46(492)99 Inchon)	50/02
95100	12Ed. 3/2/96 LAST NM 48/02 Add Light Fl 5s 19m 8M Light Fl 5s 14m 8M Fish haven symbol [K46] (41(424), 47(505)99, 28(159)02 Inchon)	50/02	95177	1Ed. 11/20/93 LAST NM 41/02 Add Buoy Y, pillar, "X" topmark, Fl(3) Y 7s (23(302)02 Inchon)	50/02
95101	8Ed. 7/8/95 LAST NM 44/02 Add Light Fl 5s 14m 8M (41(424)99 Inchon)	50/02	809679	2Ed. 2/22/86 LAST NM N25/02 Delete Depth 28 meters Wk Danger circle and legend "Wreckage" 32°37'37"N 117°15'03"W	N50/02
95102	8Ed. 8/12/95 LAST NM 49/02 Substitute Solid line [D22] for dashed line between 34°23'24"N 126°52'07"E 34°23'25"N 126°51'55"E Note: Bridge construction completed (47(504)99 Inchon)	50/02		Dangerous wreck Danger circle "Obstn" Submarine cable between 32°39'07"N 117°12'00"W 32°39'31"N 117°13'43"W Dangerous wreck (PA) Rock which covers and uncovers Platform Note: Platform close northeast remains	32°37'33"N 117°14'14"W
95138	8Ed. 2/5/94 LAST NM 49/02 Add Depth 1.9 meters rky enclosed by depth contour (2-meter) (46(494)99 Inchon)	50/02		Dangerous wreck Danger circle "Obstn" Submarine cable between 32°39'07"N 117°12'00"W 32°39'31"N 117°13'43"W Dangerous wreck (PA) Rock which covers and uncovers Platform Note: Platform close northeast remains	32°39'07"N 117°12'00"W
95141	8Ed. 8/5/95 LAST NM 48/02 Add Fish haven symbol [K46.1] (28(159)02 Inchon)	50/02		Rock awash and legend "Rep...PA" (NOS)	32°41'16"N 117°13'38"W
95142	9Ed. 12/15/01 LAST NM 19/02 (Plan B) Add Light Fl G 4s 7m 5M (40(409)99 Inchon)	50/02			
95143	11Ed. 5/15/99 LAST NM 48/02 Add Buoy "4" R, pillar, cone topmark, Fl R 5s 34°53'01"N 128°05'25"E Buoy "12" R, pillar, cone topmark, Fl(2) R 6s 34°54'08"N 128°06'26"E (43(596)02 Inchon)	50/02			
95144	9Ed. 5/15/99 LAST NM 48/02 Add Light Fl 5s 8m 8M (40(408)99 Inchon)	50/02			
95146	14Ed. 5/14/94 LAST NM 48/02 Add Light Fl 5s 8m 8M (40(408)99 Inchon)	50/02			
95151	17Ed. 11/28/98 LAST NM 47/02 Add Depth 13.6 meters Depth 15.5 meters Depth 15.1 meters Depth 15.1 meters (43(595)02 Inchon)	50/02			
95161	16Ed. 9/8/01 LAST NM 48/02 Delete Buoy "3" Buoy "5" Relocate Buoy "7" from 35°26'53.5"N 129°21'50.7"E to 35°26'55.5"N 129°21'50.7"E Add Light Fl Y 4s 7M (23(303-305)02 Inchon)	50/02			

SECTION I

Chart 11404 (Side A)

NM 50/02

CARRABELLE HARBOR CHANNEL DEPTHS						
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF AUG 2002						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)				PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE INSIDE CHANNEL	RIGHT INSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES) DEPTH (FEET)
CARRABELLE HARBOR ENTRANCE CHANNEL	9.5	15.0	13.0	1-89; 8-02	150	2.3 25
HARBOR CHANNEL	17.0	15.1	11.9	3-01	150	0.6 25
TURNING BASIN	8.2	10.3	11.1	3-01	500	0.1 25
TURNING BASIN TO BRIDGE (29°50'58.8"N, 084°40'36.7"W)	6.4	10.0	7.4	3-01	100	0.6 10
BRIDGE TO 3 MILES NORTH	4.1	8.3	4.0	3-01	80	3.0 10

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

Chart 12222

NM 50/02

NORFOLK HARBOR AND APPROACHES						
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUN 2002						
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 (FEET)
THIMBLE SHOAL CHANNEL (A)						
NORTH ELEMENT (B)	47.6	46.5	45.6	44.1	6,7,9-00	350 13.0 55
SOUTH ELEMENT (C)	49.7	50.0	49.7	50.3	6,7,9-00	650 13.0 55
NORTH AUXILIARY CHANNEL (D)						450 32
SOUTH AUXILIARY CHANNEL (D)						450 32
NORFOLK HARBOR						
ENTRANCE REACH	50.3	51.5	52.9	52.0	4-99	1000 1.4 50
NORFOLK HARBOR REACH	50.6	50.8	45.6	44.7	7,8-00;4,5-01	1250-800 3.8 55
CRANEY ISLAND REACH	48.3	51.5	51.3	46.3	4-01	800 2.1 55
LAMBERTS BEND	38.9	45.8	40.0	37.5	3-02	750 0.3 45
PORT NORFOLK REACH	38.0	40.0	40.3	38.6	3-02	750 2.0 45
NEWPORT NEWS CHANNEL	48.7	50.1	50.6	50.3	5,6-02	800 4.2 55
CAPE HENRY CHANNEL	47.9	48.8	49.0	48.5	2,3,6-00	1000 1.4 50
YORK SPIT CHANNEL	38.5	49.5	50.1	45.9	11,12-99;2,3-00	1000(E) 18.4 50

A. THIS CHANNEL IS RESTRICTED TO EXCLUDE VESSELS AND TOWS DRAWING LESS THAN 25 FEET.
 B. PORTION OF PROJECT MAINTAINED TO 45 FEET
 C. PORTION OF PROJECT MAINTAINED TO 50 FEET
 D. PROJECT MAINTENANCE DISCONTINUED
 E. CHANNEL WIDTH MAINTAINED TO 800 FEET

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

Chart 12245

NM 50/02

NORFOLK HARBOR AND NEWPORT NEWS CHANNEL DEPTHS						
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUN 2002						
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 (FEET)
NORFOLK HARBOR ENTRANCE REACH	50.3	51.5	52.9	52.0	4-99	1000 1.4 50
NORFOLK HARBOR REACH	50.6	50.8	45.6	44.7	7,8-00;4,5-01	1250-800 3.8 55
CRANEY ISLAND REACH	48.3	51.5	51.3	46.3	4-01	800 2.1 55
NEWPORT NEWS CHANNEL	48.7	50.1	50.6	50.3	5,6-02	800 4.2 55

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

SECTION I

NM 50/02

Chart 12253

NM 50/02

ELIZABETH RIVER CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO MAR 2002								
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)
CRANEY ISLAND REACH	48.3	51.5	51.3	46.3	4-01	800	2.1	55
LAMBERTS BEND	38.9	45.8	40.0	37.5	3-02	750	0.3	45
PORT NORFOLK REACH	38.0	40.0	40.3	38.6	3-02	750	2.0	45
TOWN POINT REACH	39.3	39.1	40.2	38.8	3-02	750	0.6	45
SOUTHERN BRANCH:								
LOWER REACH	36.8	40.3	40.5	38.4	3-02	450-800	1.7	45
MIDDLE REACH	38.9	40.8	40.5	38.0	3-02	375	0.9	45
UPPER REACH	33.1	34.8	35.4	31.1	3-02	250-500	2.7	35
TURNING BASIN	34.7	35.7	35.0	33.4	3-02	600	0.1	35
THENCE TO A POINT 100 YARDS SOUTH OF LIGHT "30"	27.1	29.8	30.5	28.8	3-02	250	1.1	35
TURNING BASIN AT MAINS CREEK	28.4	30.4	29.0	28.3	3-02	800	0.2	35
THENCE TO A POINT 100 YARDS NORTH OF N & P B L RR BRIDGE	25.5	29.8	29.2	26.7	3-02	250	0.2	35

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

Chart 75208 (Plan A)

NM 50/02

MARINE FARMS

Marine farms, which may be floating or fixed structures, and their associated moorings should be avoided. The farms are generally marked by buoys or beacons, which may be lit.

Chart 82242

NM 50/02

DATUM NOTE

Positions referred to the World Geodetic System 1984 (WGS-84) must be moved 2.4 seconds southward and 3.5 seconds westward to agree with this chart.

Chart 82253

NM 50/02

DATUM NOTE

Positions referred to the World Geodetic System 1984 (WGS-84) must be moved 0.4 minutes southward with no change in longitude to agree with this chart.

SECTION I

NM 50/02

CHARTS AFFECTED BY NOTICE TO MARINERS NM 2/02 THROUGH NM 50/02

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
12	1	45/02	11320	1	N8,N9,N28/02	11377	4	26*,40,50/02	11512	58	10,15,16,18,20,26,28,31, 34,40,48,49/02
50	5	5,8,17/02	11321	29	12*,22,28,39,40,41,45/02	11378	31	10*,16,18,22,23,25,27, 30,32,40,50/02	11513	23	4,18,32,49/02
51	1	7/02	11322	27	21,22,24,36,37,49/02	11382	39	46/02*	11514	26	37*,40,49/02
52	1	14,18/02	11323	59	26*,28,33,37,39,45/02	11383	49	19*,22,27,30,32/02	11515	17	10/02*
53	2	5,17/02	11324	32	22*,24,25,31,33,37/02	11384	32	3,10,18,22,30,32/02	11516	29	7*,18,24,37,49/02
101	3	48/02	11325	34	19*,21,24,35,37,49/02	11385	25	23/02*	11517	17	32/02
108	9	12,13,32,35/02	11326	30	4,5,6,7,8,9,10,11,15,16, 21,22,24,25,31,33,36,37, 47/02	11388	16	7,10,17/02	11518	32	6,15,16,32,35,43,48/02
400	3	23,26,31,32,33,35,45/02	11327	30	5,7,10,11,16,21,22,24,28, 37,49/02	11389	32	2*,7,8,11,18,23,28,33, 37/02	11520	40	31*,39,40,44,46/02
401	5	22,23,26,31,33,35,45/02	11328	22	6,7,9,10,21,36,37,39,47, 49/02	11390	22	23*,27,33,34,37/02	11521	26	15*,17,32,35/02
411	48	11,13,16,22,23,26,31,32, 33,35,40,42,45,50/02	11329	34	12*,21,24,36,37,39,47, 49/02	11391	22	6,8,18,23,33,34/02	11523	21	15*,17,32,35/02
500	7	5/02	11330	13	4,6,7,8,9,10,11,12,15,16, 17,19,22,23,24,25,26,28, 29,30,31,33,34,36,37,39, 40,41,42,43/02	11400	34	9*,11,23,39/02	11524	45	13*,16,21,32,35,43,48/02
501	11	6,8,10,34,38/02	11331	18	11,17,23/02	11401	29	8,23/02	11525	6	N2,N12,N14,N17,N19, N23,N39,N40,N44, N46/02
507	2	45/02	11332	28	42*,43,49/02	11402	21	15,23,30/02	11527	16	12,37/02
508	2	15,24,45/02	11333	1	N28/02	11404	28	31/02*	11531	21	31/02*
509	4	14/02	11340	66	4,5,6,7,8,9,10,11,12,13, 14,15,16,17,19,22,23,24, 25,26,27,28,29,30,31,32, 33,34,35,36,37,39,40,42, 43,45,47/02	11407	18	15/02*	11532	20	15*,37/02
513	6	5,17,38/02	11341	38	6,7,9,10,11,12,16,18,21, 22,23,24,28,30,31,34,36, 37,39,43/02	11408	27	15/02	11534	31	2*,9,13,14,32/02
520	127	5,8,20,38/02	11342	51	7,11,14,17,21,23,24,30, 37,43,49/02	11411	14	43*,45/02	11535	12	12*,25,46/02
521	11	5,17/02	11343	36	7,17,21,23,37,40,49/02	11412	41	42*,45/02	11536	15	19*,40/02
522	87	14,18/02	11344	34	5,7,10,12,13,16,17,19,24, 28,30,38,40,43,47,49/02	11415	5	42*,45/02	11537	33	7*,8,9,13,17,20,23,31,32, 33,39,40,42,44,50/02
523	8	5,17/02	11345	30	10,12,16,40/02	11416	5	42,48/02	11539	18	2,9,39,44/02
524	12	14,18,47/02	11346	55	4,5,6,7,8,9,10,11,12,13, 14,15,16,17,19,22,23,24, 25,26,27,28,29,30,31,32, 33,34,35,36,37,39,40,42, 43,45,47/02	11420	26	5,20,39,42/02	11541	32	2,8,13,18,20,21,30,39,44, 47/02
525	3	14,18/02	11347	33	42*,43,47,49/02	11423	7	N20,N24,N39,N42/02	11542	15	39/02
526	10	7,9,12,18,47/02	11348	19	23/02	11424	17	21,24,36,42/02	11543	22	13,18,29,39/02
530	30	22*,26,37,38,40/02	11349	40	38*,42/02	11425	34	46*,49/02	11544	37	36/02*
531	21	18*,47/02	11350	24	15/02*	11426	35	31/02*	11545	60	45*,47/02
532	17	5,17,38/02	11351	37	5,6,8,9,10,11,12,15,16, 19,22,27,28,30,33,36,37, 38,40,47/02	11427	32	12,49,49/02	11547	35	22*,25,29,30,37,47/02
550	7	18,24,45/02	11352	35	2*,5,6,7,8,12,14,16,17, 22,24,26,27,37,38,39, 40/02	11429	21	47/02*	11548	38	47/02*
601	4	14/02	11353	2	21*,24,25,26,35,38,43, 45,49/02	11430	24	16/02	11555	38	36/02*
602	6	12,47/02	11354	23	5,6,8,12,15,16,19,22,27, 28,33,37,38,40,47/02	11431	21	31/02*	12200	47	38*,42/02
603	6	47/02	11355	24	37*,40/02	11432	25	15/02*	12201	25	N14,N15,N17,N19,N23, N42/02
604	5	12,18/02	11356	34	9,11,12,13,28,29,39,40, 42,45,47/02	11433	30	16,22,27,28,29,30/02	12204	34	13,20/02
605	4	9,12/02	11357	35	36*,37,40,42/02	11434	16	21/02*	12205	27	37*,43/02
606	1	9/02	11358	51	23*,24,26,27,31,39,42/02	11435	35	29,30,35,50/02	12206	29	31*,33,38,46/02
607	1	7/02	11359	11	22*,26,39/02	11436	37	47*,50/02	12207	20	2,11,23,50/02
621	5	7,22/02	11360	39	5,6,7,10,12,13,14,16,17, 18,22,23,24,28,29,31,33, 36,39,40,43,47/02	11437	21	31/02*	12208	8	12*,18,23,50/02
622	9	9,12,14,20,47/02	11361	69	13*,16,17,19,22,24,25, 26,27,31,34,36,45/02	11438	39	13,36/02	12210	35	22*,28,43/02
623	9	14,47/02	11362	4	N5,N6,N7,N8,N10,N12, N13,N14,N16,N17,N18, N22,N23,N24,N28,N29, N31,N33,N36,N39,N40, N47/02	11439	30	36,45,12,15,24,26,27,28, 29,30,33,34,35,36/02	12211	40	15*,27,28/02
624	3	22/02	11363	38	26*,29,35,38,40,43,49/02	11440	37	47*,50/02	12214	43	5,11,12,23,26,27,42/02
632	8	15,24,45/02	11364	38	5,8,10,11,13,16,17,22,25, 28,30,33,35,37,39,43, 49/02	11441	4	42*,43,49/02	12216	27	47/02*
703	4	46/02	11365	16	14,40,42/02	11442	19	9/02*	12221	72	2,5,7,11,23,31,33,34,43, 46,47,50/02
705	3	12,46/02	11366	7	48/02*	11443	25	15/02*	12222	42	13*,27,30,33,34,38,43, 44,46,50/02
709	2	50/02	11367	31	5,12,16,17,25,33/02	11446	30	36/02	12224	22	34,39,43,46,47/02
800	4	17/02	11368	22	38/02*	11447	35	38/02*	12225	53	28*,30,31,47/02
803	1	8,17/02	11369	43	5,8,12,16,17,25,30,33, 38,39,43,49/02	11448	5	4,5,8,15,24,27,35,50/02	12226	16	2*,22,30/02
1113A		5,20,39,42/02	11370	23	2*,5,6,17,31,33,40/02	11449	35	2*,4,24,27/02	12228	29	43/02*
1114A		9*,11,23,39/02	11371	35	9/02	11450	35	2*,4,24,27/02	12230	58	5,10,14,21,23,31,35,44, 46/02
1115A		5,6,7,10,12,13,14,16,17, 18,22,23,24,28,29,31,33, 36,39,40,43,47/02	11372	38	6,7,9,12,17,23,27,30,	11451	30	8*,22,28,43/02	12231	26	9*,14,31,35,46/02
1116A		4,5,6,7,8,9,10,11,12,13, 14,15,16,17,19,22,23,24, 25,26,27,28,29,30,31,32, 33,34,35,36,37,39,40,42, 43,45,47/02	11373	42	31*,33,37,40,41,42,45, 49/02	11452	30	16,26,27,28,29,30/02	12235	29	12*,30,31,47/02
1117A		28*,30,31,37,39,40,41, 42,45/02	11374	31	45*,49,50/02	11453	4	N5,N8,N12,N15,N24, N27,N28,N29,N35,N50/02	12237	26	14,27,47/02
11004	7	4,7,8,9,10,11,12,13,15, 16,18,22,26,28,31,37,39, 40,42,43,45,47/02	11375	34	5,8,10,11,13,16,17,22,25, 28,30,33,35,37,39,43, 49/02	11454	10	16/02	12238	37	46/02*
11006	30	28*,36,39,40/02	11376	43	5,8,12,16,17,25,30,33, 38,39,43,49/02	11455	16	27/02	12241	21	9*,14,16,34,44/02
11009	36	2*,5,12,19,23,24,32,35, 44/02	11377	44	5,8,10,11,13,16,17,22,25, 28,30,33,35,37,39,43, 49/02	11456	13	5/02	12243	13	5/02
11013	44	18*,20,35,50/02	11378	45	42*,49/02	11457	21	15,16/02	12245	60	12*,14,15,27,30,33,38, 46,49,50/02
11300	38	26*,28,30,31,37,39,40, 41,42,45/02	11379	45	42*,49/02	11458	21	15,16/02	12248	39	18*,30,33,40,50/02
11301	23	7,10,14,21,37/02	11380	29	6,7,9,12,17,23,27,30,	11459	23	11,24/02	12251	23	10,35/02
11302	29	34*,37/02	11381	38	38/02*	11460	17	2/02	12252	23	5,33,34/02
11304	12	10/02	11382	43	5,8,12,16,17,25,30,33, 38,39,43,49/02	11461	33	2,18,22,28,29,30,34,37, 38/02	12253	42	9*,33,38,42,46,50/02
11305	1	N6,N7,N11,N21,N26, N29,N36,N46/02	11383	16	14,40,42/02	11462	19	9/02*	12254	43	38*,43,44/02
11307	36	9,13,28,31/02	11384	7	48/02*	11463	9	N11,N24,N39/02	12255	15	13*,44/02
11308	21	4,6,18,26/02	11385	31	5,12,16,17,25,33/02	11464	8	N11,N12,N24,N39/02	12256	13	19*,33,44/02
11309	36	13*,14,21,26,28,36,46/02	11386	22	38/02*	11465	16	19/02*	12261	28	37*,44/02
11310	1	N4,N7,N8,N21,N46/02	11387	43	5,8,12,16,17,25,30,33, 38,39,43,49/02	11466	9	N6,N32,N35/02	12263	51	38/02*
11311	23	15*,21,46/02	11388	23	2*,5,6,17,31,33,40/02	11467	19	9/02*	12264	28	38/02*
11312	3	2*,4,7,8,21,26,28,36, 46/02	11389	35	9/02	11468	28	11/02	12266	27	30/02
11313	22	4,31/02	11390	29	6,7,9,12,17,23,27,30,	11469	33	11,24/02	12268	10	22/02*
11314	21	4,8,14/02	11391	45	02	11470	17	2/02	12270	31	3,5,8,14,21,27,36/02
11315	30	37/02*	11392	42	31*,33,37,40,41,42,45, 49/02	11471	33	2,18,22,28,29,30,34,37, 38/02	12272	29	26*,27,36,45/02
11316	38	4,11,13,14,16,21,25,36, 37,40,49/02	11393	42	31*,33,37,40,41,42,45, 4						

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 2/02 THROUGH NM 50/02

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	
12287	17	2/02	13237	38	2,4,17,42,48/02	14773	16	15,19/02	16004	11	9/02	
12288	19	2,27/02	13241	15	21*,34,42/02	14775		N31/02*	16011	35	5,38/02	
12289	47	39/02	13244	39	22*,48/02	14776		N31/02*	16012	21	38/02	
12300	42	17,18,19,28,29,37,39,42, 45/02	13246	36	11,26,27/02	14777		N31/02*	16013	28	17,22,29/02	
12301	21	N20*,N28,N29,N37, N39,N42,N45/02	13253	17	20,26/02	14782	24	21,22/02	16041	8	13/02*	
12304	42	28*,42/02	13260	38	28*,36,43,48,49,50/02	14785	16	22/02	16042	7	39/02*	
12311	41	2,4,15,18,28,31,42,50/02	13263	7	N2,N8,N11,N20,N21, N25,N27,N36,N43,N48, N49/02	14786	13	5*,24/02	16061	8	19*,27,37,49/02	
12312	51	4,5,8,9,18,21,27,31,33, 42,43/02	13264	103	5,21,36,49/02	14800	9	19,23/02	16206	7	2/02	
12313	48	5,9,14,18,21,27,31,33, 43/02	13267	30	6*,12,17,19,27/02	14804	24	20/02*	16220	5	6/02	
12314	30	46*,50/02	13270	59	2,3,5,9,17,19,33,34,40, 43/02	14810	4	19/02	16363	12	38/02*	
12316	28	11,26,27,37,39,42,45,46, 50/02	13272	47	3,11,19,28,40/02	14812	3	19/02	16380	13	13,17/02	
12317	31	15*,26,37,50/02	13274	24	3,5,17,19,27,45/02	14820	18	31*,35,38,39/02	16382	10	13,17/02	
12318	40	19,39,45/02	13275	27	2,5,17,19,27,45/02	14824	25	24/02	16435	5	27/02	
12324	29	18*,50/02	13276	21	19,27/02	14826	26	21/02	16440	13	37/02	
12326	48	12,17,18,27,28/02	13283	18	11/02	14829	5	21/02	16441	7	37/02	
12327	95	19*,20,21,22,28,30,33, 35,37,38,43,45,47/02	13285	10	11/02	14830	29	18,23,39/02	16442	6	3,37/02	
12331	29	4,15,22,43/02	13286	29	39*,40,50/02	14832	33	7,20,24,26/02	16480	10	38/02	
12332	21	15,22,43,46/02	13288	40	2,9,11,15*,20,23,29,36, 43,50/02	14835	31	39/02	16521	5	27/02	
12333	32	46*,47/02	13290	34	2,10,20,36,40,43,50/02	14836	27	42/02*	16529	14	50/02	
12334	64	3,22,27,30,33,45/02	13292	36	20*,36,40/02	14838	2	35,37,38,45/02	16530	6	50/02	
12335	39	6/02*	13293	33	26*,29,43/02	14839	35	7,21,24,37/02	16590	10	38/02*	
12337	22	8,15,20,28,31,45/02	13296	25	43/02	14842	12	4,18,23,39/02	16596	12	39/02*	
12339	43	5/02	13298	10	43/02	14843	22	23,39/02	16597	8	16,43/02	
12341	25	22/02*	13301	20	9,25,33/02	14844	31	4,18/02	16598	9	43/02	
12343	18	37/02*	13302	21	3*,8,9,20,25,41/02	14845	26	4,18/02	16599	6	16,43/02	
12345	10	42/02*	13303	12	48/02*	14846	11	18,23,24,39,40/02	16603	7	42/02	
12347	29	25/02	13305	28	8,25,40,41,49/02	14847	30	24,40/02	16604	11	22/02*	
12348	33	25/02	13308	11	14,40/02	14848	56	9*,23,24,31/02	16606	11	37/02*	
12350	57	39*,49/02	13310	19	21,25,34,49/02	14850	51	21*,23/02	16645	18	13/02*	
12352	29	9*,12,34/02	13313	19	19*,49/02	14852	44	9*,20,23,25,26,37/02	16646	12	5/02*	
12354	39	9*,12,14,22,28,33,37, 45/02	13315	11	38*,41/02	14853	13	21*,23,24,25,26,31,37/02	16660	28	7,13,22,25,29,42/02	
12358	19	46*,49/02	13318	18	38*,41/02	14854	13	24/02	16662	6	3,22,29/02	
12362	16	49/02	13320	11	11/02	14860	35	8*,21,24/02	16663	6	3,7,13,22,25,29,42/02	
12363	39	2,3,14,18,28,44/02	13322	9	19/02*	14862	28	26/02*	16665	7	7,13,22,25,29,42/02	
12364	33	20*,22,28,44,47,49/02	13324	13	5,41/02	14863	30	5*,10,24/02	16680	10	6/02	
12365	26	2,18/02	13325	14	5/02	14864	26	24,37/02	16681	10	34,37/02	
12366	27	3,14/02	13326	12	41,43/02	14867	25	6,32/02	16682	14	6/02	
12367	23	18/02	13329	3	39/02*	14869	26	9/02*	16700	27	21*,49/02	
12368	26	42/02*	13330	19	21/02	14871	2	21/02	16701	18	21/02*	
12369	25	31*,44/02	13331	5	21,35/02	14872	3	21/02	16702	10	8,38/02	
12370	18	39/02*	13335	3	39/02*	14873	2	35/02	16705	19	5*,49/02	
12371	22	28,47/02	13336	4	13/02*	14880	30	33/02	16707	10	34,37/02	
12372	31	45*,47,48/02	13339	3	19*,36/02	14881	31	28*,33/02	16708	25	37,49/02	
12375	21	22/02	13340	65	40/02	14886	10	8/02	16709	22	15*,49/02	
12377	14	22,25,37/02	13342	30	33/02	14888	42	6,17,23/02	16711	2	15/02*	
12401	7	31*,47/02	13345	10	41/02*	14890	17	13/02	16713	2	13*,49/02	
12402	8	31*,33,47/02	13348	29	41/02*	14895	29	31,35,37/02	16741	9	46/02	
13000		N8,N11,N12,N13,N21, N25,N48,N49/02	13350	2	33/02	14897	25	2*,13,17/02	16762	9	26/02*	
13003	45	2,8,11,12,13,19,21,23,25, 36,37,42,48,49/02	13352	6	41/02*	14907	17	12,24,31/02	17003	4	8,9,47/02	
13006	30	39*,44,48,49,50/02	13354	2	3/02	14908	17	13/02	17005	10	8,9,11,41,45,47/02	
13009	30	42*,48,49/02	13355	12	19/02	14910	22	25,31/02	17008	12	8,13,43/02	
13200	33	13*,25,37,48/02	13357	21	19/02	14911	10	45/02*	17300	29	46/02	
13201	10	N13,N25,N37,N48/02	13359	30	33/02	14912	23	17/02	17302	18	21/02*	
13203	12	37/02	13360	28	40/02	14918	26	25/02	17303	9	15,37,02	
13204	12	13/02	13362	24	21/02	14919	27	10,24/02	17316	20	28/02*	
13205	36	9,12,37,42,45,48/02	13364	26	40,46/02	14920	23	18,31,32,35,37/02	17320	15	15/02	
13209	23	14,37/02	13366	16	46/02	14922	19	26/02*	17330	7	15/02	
13211	13	9,21,23,47/02	13368	17	38/02	14924	27	28*,32/02	17360	32	44/02	
13212	34	9,12,21,23,45,47,48/02	13370	32	40/02	14926	9	18,31,32,35,37/02	17372	10	2/02	
13213	39	8,45/02	13372	28	40/02	14927	24	21*,31,32,35,37/02	17379	1	15*,20/02	
13214	27	34*,45,48/02	13374	11	40/02	14928	20	31,37/02	17381	10	13/02*	
13215	17	9,14,45,48/02	13376	6	16,34/02	14929	23	18,31,32/02	17382	14	44/02	
13216	1	N12,N48/02	13378	13	34/02	14930	24	45/02	17383	1	31*,49/02	
13217	14	14/02	13380	8	19,34/02	14931	24	35/02*	17384	7	44/02	
13218	38	11,29,42,45/02	13382	5	19/02	14932	22	32/02	17385	13	44,48/02	
13219	12	14/02	13384	47	35/02	14933	24	35*,37/02	17400	16	14,15,36/02	
13221	53	2,4,15,29,44/02	13386	37	35/02	14934	26	4,6/02	17402	10	46/02*	
13223	36	2*,15/02	13388	25	16,17,26,33,37,40/02	14935	21	17/02	17409	10	39/02*	
13224	36	7*,44/02	13390	2	37,40/02	14937	23	13,17/02	17412	2	12/02	
13226	5	2,4,5,44/02	13392	5	37,40/02	14942	25	35/02	17413	2	13,14,43,50/02	
13227	13	2,4,5/02	13394	7	16/02	14946	22	10/02	17414	3	41/02	
13229	27	11,17,39,42,45/02	13396	14358	N17,N36/02	14970	25	6,40,46/02	17416	3	13/02	
13230	45	11,39,42,45/02	13398	36	16,26,33,36/02	14972	25	21/02	17417	3	13/02	
13232	4	11,39,42/02	13400	14344	2	37,40/02	14974	24	32/02	17420	26	14,36,37,42,43,50/02
13233	16	17/02	13402	14345	5	37,40/02	14975	32	21,24/02	17421	1	14/02
13234	12	17/02	13404	14349	7	16/02	14984	9	18/02*	17425	6	18/02*
13235	5	17/02	13406	14350	17,17/02	14986	16	40,46/02	17426	13	37/02	
13236	29	45/02	13408	14352	17	15/02	14987	25	21/02	17427	7	11,12,14,16/02
13237	4	11,39,42/02	13410	14354	3	36/02	14988	10	39/02*	17429	2	N38/02*
13238	16	17/02	13412	14355	4	33/02	14989	16	9/02	17434	11	11/02
13239	5	17/02	13414	14356	17	15/02	14990	16	47/02	17437	8	14,16/02
13236	29	45/02	13416	14772	17	15/02	14991	16	18/02*	17438	12	10,12,14,16,50/02

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 2/02 THROUGH NM 50/02

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17443	12	8,10/02	18464	22	9,32/02	18765	15	18*,25,45,50/02	22120	3	8,18,23,30,34,36,39,41, 43/02
17444	4	10,12/02	18465	34	26,P44,48/02	18766	7	25,45,50/02	22121	9	6,8,17,23,30,34,36,44/02
17445	2	12,16/02	18471	8	13*,32/02	18768	4	N25,N45,N50/02	22124	2	17,34/02
17460		N12/02	18473	6	4,6,8,12,22/02	18769	2	N20/02	22125	1	18,36/02
17471		N15/02	18474	7	45/02*	18772	46	20,25,50/02	22126	1	36/02
17480	4	8,15,43/02	18476	4	6,7,12,17,22,32,39/02	18773	38	4,8,18,20,23,25,50/02	22130	2	44/02
17485	4	16/02	18477	5	4,12/02	18774	10	35/02*	22138	2	8,18,41,44,48/02
17489	19	8,43/02	18480	28	28*,40,P44,45,47,48/02	18775	2	N20/02	22140	2	4,30,34,36,44/02
17491	3	8/02	18484	10	28,40/02	19002	9	N23,N25,N37/02	22142	2	39,41,43/02
17495	2	8,43/02	18485	14	15,28,40,P44,48/02	19004	36	23,25,35,37/02	22143	3	6,8,17,41/02
17503	4	11,43/02	18500	28	19*,22,32,39/02	19010	17	45/02*	22145	2	N41/02
17506		N8/02	18502	84	30*,32,39,42,49/02	19013	16	25/02	22160	2	4,30,34,39,41,48/02
17513		N8,N11,N42,N43/02	18504	64	18/02	19320	16	23,27,35,37/02	22170	3	13*,30,39/02
17515	7	8,11,12/02	18520	24	10,33,39/02	19324	22	27,35/02	22172	8	48/02*
17517	8	4/02	18521	69	34*,39,49/02	19327	10	23/02	22173	36	48/02*
17518	7	6,P44,48/02	18523	53	3,7,10,12,15,25,26,33/02	19330	9	6/02*	22180	2	30,34/02
17519	13	4/02	18524	33	18*,26,28,31,33/02	19339	1	N25,N35,N49/02	22181	16	17,27,39,41/02
17520	2	N4/02	18525	33	4,7,11,14,15,28,31,33/02	19340	26	25,35,49/02	22182	6	7,8,30,34/02
17521		N8/02	18526	55	4,7,11,15,16,28,31,33/02	19341	9	7/02*	22183	3	20/02
17525		N8/02	18527	21	16,31/02	19347	17	25/02	22190	2	30/02
17528		N8,N43/02	18528	9	31/02	19350	11	27/02	22205	2	14,16/02
17541	3	8,43/02	18531	20	7*,11,26,31,34/02	19351	9	25/02	22221	20	20/02
17542	6	47/02	18532	20	7/02*	19357	22	42*,49/02	22250	2	42/02
17543	17	9,11,13,41/02	18541	8	21/02*	19358	20	28/02*	22259	4	20/02
17545	13	9,43,47/02	18558	37	19*,39/02	19360	1	N37/02	22264	2	20,42/02
17546	22	9,13,42,43,47/02	18561	11	10,33,39/02	19366	36	13*,31,49/02	22275	3	20,42/02
17549	6	13,47/02	18580	21	10,26,33,38,39/02	19367	37	22,31,49/02	22282	17	19/02
17550	4	15,42,43,P44,45,47, 48/02	18581	17	49/02*	19369	5	22,31,49/02	22283	3	N19/02
18000	8	8,45/02	18583	38	4,7,31,33,42,49/02	19379	1	N25/02	22290	4	20/02
18002	6	N8,N45/02	18584	47	7,30,39,49/02	19380	14	25/02	22293	15	20/02
18003	18	10,26,33,38,39,40,P44, 45,47,48/02	18587	68	7,11,14,25,30,33,39, 42/02	19381	8	25,49/02	22313	2	44/02
18005	4	N6,N8,N20,N34/02	18588	36	32,33,49/02	19383	17	49/02	22314	1	44/02
18007	31	6,10,14,20,26,33,34,37, 38,39,40,47/02	18600	14	15*,33,37,38,40/02	19385	7	20/02*	22341	9	19,43/02
18008	7	N6,N10,N14,N20,N26, N33,N34,N37,N38,N39, N40,N47/02	18601	13	6/02	19387	9	N25/02	22342	9	19/02
18009	2	N34/02	18602	11	26,32,33/02	21005	5	45/02	22343	1	N19,N43/02
18010	20	6,33,34,37,38,39,40/02	18603	15	37,40/02	21008	62	39,42,43,50/02	22344	5	N42/02
18020	36	6,8,20,34,37,45/02	18620	23	35/02*	21014	72	42,50/02	22345	11	42/02
18022	33	13*,23,34,37,45/02	18622	52	26,28,49/02	21017	50	23,41,50/02	22347	5	N19/02
18400	42	4,6,10,11,15,P44,48/02	18623	11	34/02	21020	42	23,41/02	22351	1	N43/02
18401	12	5/02	18626	15	37/02	21021	3	45/02	22361	2	N7/02
18402	22	4/02	18640	24	13,15,24/02	21023	41	5,34/02	22371	5	7/02
18403	21	4/02	18643	16	24,49/02	21026	47	5,13/02	22373	1	N50/02
18406	5	5/02	18645	24	15,19,50/02	21033	46	14,20,32/02	22375	N19/02	
18407	5	4,8/02	18646	62	3,8,11,12,15,19,20,23,33, 36,38,41/02	21120	27	47,50/02	22379	1	N50/02
18409	8	11/02	18650	51	28*,33,38,41/02	21121	18	47/02	22381		N19,N43/02
18414	9	8/02	18651	41	12/02	21122	5	47/02	22395	2	4,19,42/02
18415	8	5,13,42/02	18652	31	2*,8,11,18,19,20,23,26, 27,30,33,38,41,49/02	21126	1	50/02	22403	1	N45/02
18416	6	10,P44,48/02	18655	58	10*,19,49/02	21140	1	45,50/02	22404	15	46/02
18419	11	47/02	18657	18	19,26,27,30/02	21141	23	48/02	22409	4	44/02
18420	1	13/02	18658	29	23,26,27/02	21160	1	45/02	22410	32	4,7,11,43,44,46/02
18421	44	20*,26,P44,48/02	18659	14	26,30,49/02	21161	19	43,48/02	22412	2	7/02
18423	32	4,5,6,7,8,9,15,17,26,32, 39,P44,48/02	18660	1	30,49/02	21182	34	39/02	22413	N45/02	
18427	21	35/02*	18661	26	23,27,30/02	21342	28	41,44,42/02	22418	2	24,36,44,46/02
18428	9	19/02*	18662	20	30/02	21384	3	23/02	22421	4	N4,N7,N11,N43,N44, N46/02
18429	8	4,P44,48/02	18663	4	23,27/02	21441	27	34,44/02	22425	2	7,11,44,46/02
18430	7	28/02*	18666	1	9*,26/02	21449	1	13/02	22427	1	N4,N43,N44,N46, N50/02
18431	5	30*,P44,48/02	18680	30	15/02	21500	1	5/02	22429		N24,N46/02
18432	4	5/02	18685	31	25/02	21520	1	5/02	22433	3	39,47/02
18433	4	5,15,P44,48/02	18700	21	34,36,37/02	21521	14	5/02	22436	2	39/02
18434	4	15,26,P44,48/02	18703	24	13*,36,37/02	21529	1	14/02	22471	31	18,44/02
18440	25	4,6,7,9,12,15,17,22,33, 39,P44,48/02	18704	12	37/02	21530	3	45/02	22481	35	43,44/02
18441	42	30*,32,39/02	18720	31	8,23,35/02	21601	4	14/02	22482	16	44,50/02
18443	15	7,8,17,39/02	18721	11	8,35/02	21602	1	28/02	22484	2	27,38/02
18444	15	7,8,17,39/02	18722	3	8/02	21605	7	19/02	23010	4	27,38/02
18445	29	4,6,7,8,12,15,17,22,28, 32,33,39/02	18723	3	8/02	22004	38	18,20,23,30,32,34,36,39,41, 41,43/02	23023	4	27/02
18446	15	4,6,8/02	18725	26	4,8,23,35/02	22012	31	4,14,16,30,34/02	23030	6	27,38/02
18447	26	4,11,27/02	18740	39	50/02	22036	28	18,47/02	23115	3	27/02
18448	32	12,15,17,33/02	18746	34	7*,20,23,34/02	22050	4	19/02	23121	7	30/02
18449	17	15,17/02	18749	38	7*,10,16,18,20,23,25,27, 40/02	22082	4	4,17,19/02	23122	8	23,30,33/02
18450	16	17/02	18751	42	7*,10,16,20,25,27,40/02	22083	5	19/02	23123	3	30/02
18453	23	28,38/02	18754	16	36/02	22084	4	42/02	23124	3	N30/02
18455	2	N17,N22,N39/02	18758	6	35/02*	22090	2	30,32,43/02	23125	4	30/02
18456	19	12/02	18760	6	N8,N16,N23,N34,N35, N45,N50/02	22100	3	20,32/02	23126	6	N24/02*
18457	9	12,15/02	18761	2	N20/02	22101	19	16,20,32,43/02	23127	4	N24/02*
18458	14	6,7,17,22,32,39/02	18762	15	20/02	22112	3	23,25,30,32,43/02	23128	4	N24/02*
18459	5	N7,N17,N22,N32, N39/02	18763	9	20/02	22113	8	23,25,30/02	23129	2	N24/02*
18460	10	15,28,40,P44,47,48/02	18763	9	20/02	22114	5	16,32,42,43/02	23130	42	7/02

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 2/02 THROUGH NM 50/02

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Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
24012	40	6/02	24492	20	31,46/02	26306	14	8/02	35247	4	50/02
24016	53	30,39/02	24501	3	14,17,27/02	26308	4	8,15/02	35255	3	50/02
24020	47	27/02	24502	6	46/02	26309	26	8,17/02	35270	2	38,46/02
24028	6	23,48/02	24504	7	17,41,45,46/02	26320	5	5,8,12,15,24,27,28,29, 35/02	35276	3	46/02
24050	11	27,31,34,38,49/02	24508	2	18,19,41,45,46/02	26327	2	N41/02*	35277	3	38,46/02
24052	15	31,37,38/02	24509	2	17,45,50/02	26328	2	15/02	35279	3	38/02
24053	16	24/02	24510	2	17,18,19,41,45,46,50/02	27005	4	5,8,9,12/02	35295	3	27/02
24055	6	37,49/02	24512	3	25,29,44,46/02	27041	4	50/02	35298	7	27/02
24057	4	31,38,49/02	24513	18	46/02	27080	4	5,20/02	35299	9	8,12/02
24058	2	31,32,37,38/02	24517	2	18,19,46,49/02	27081	6	49/02	35300	17	12/02
24060	2	34/02	25001	7	9,12,17,19/02	27082	6	9,18,49/02	35301	6	12/02
24080	5	29/02	25017	5	9,12/02	27100	2	31/02	35303	7	40/02
24091	6	26/02	25018	9	9,12/02	27120	4	41,43,44/02	35308	5	8,12/02
24092	14	26/02	25400	1	23,26,35,48/02	27163	21	9,49/02	35310	2	12,22/02
24100	5	27,29/02	25480	1	20,42,46/02	27183	8	5/02	35330	2	4,12,22,38,41/02
24101	3	37,41/02	25481	25	4,26/02	27186	8	5/02	35350	2	7,38,41/02
24102	3	37,41/02	25484	23	11/02*	28004	1	5,20,23,45/02	35390	2	12/02
24110	3	27,29/02	25485	45	23,26/02	28050	3	13,28,34/02	35400	11	8,12,30/02
24130	14	24,29/02	25487	2	23,26/02	28110	2	15/02*	35402	3	38/02
24132	13	10/02	25524	43	11,33/02	28162	29	28/02	35405	2	8/02
24140	18	4,32/02	25526	2	11,19,33/02	28164	17	28/02	35420	13	12,24,30/02
24149	1	32/02	25527	31	11,33/02	28170	1	4/02	35421	14	31/02
24150	27	6,27,29,30,32/02	25528	5	21,42/02	28190	2	41,43,45,46/02	35423	6	31/02
24151	4	29,32/02	25550	2	17,19,24/02	28196	4	41,43,45/02	35424	3	30/02
24152	2	30/02	25563	50	17,33/02	28197	4	45/02	36005	2	6,7,12,13,14,15,17,24,27, 28,34,36,38,45,46/02
24153	6	10,30/02	25565	7	33/02	28202	22	41,44/02	36010	27	8,12,16,19,20,22,24, 38/02
24154	12	10/02	25566	27	17/02	28210	2	33,35,39,41/02	36015	2	13,17,24,27,36,46/02
24156	2	22/02	25567	16	19/02	28220	2	35,39/02	36040	16	12,19,30/02
24159	1	27/02	25570	3	19,31/02	28221	18	33,37,39/02	36046	5	38/02
24160	21	6,27,28/02	25575	4	43,1/02	28223	4	35,39/02	36060	17	8,12,16,19,31,38/02
24161	11	11,27,42/02	25600	47	24/02	28260	30	35,37/02	36061	5	46/02
24162	9	4,11,22,27,42/02	25601	34	10,17,19,20/02	28263	3	35,37/02	36062	11	40*,46/02
24164	6	10,27/02	25607	4	24,39/02	28264	3	35,37/02	36081	16	12/02
24200	14	6/02	25608	21	10,17/02	28265	3	37/02	36106	7	18,47/02
24211	7	24/02	25609	5	30/02	28281	32	36/02	36117	6	18/02
24220	14	27,28/02	25613	2	5,14,30/02	28282	2	35/02	36120	9	16,19,20,22,31,46/02
24222	3	27/02	25640	40	28/02*	28300	1	23,39,50/02	36122	12	16,19,21/02
24223	33	18/02	25641	26	5*,30/02	28302	16	31,33,39,40/02	36123	25	16,19,21,46/02
24230	20	10,18,30/02	25644	12	42/02	28310	2	23,31,33,35,39/02	36137	4	38/02
24233	15	36,43/02	25645	17	15/02*	28320	6	33/02	36138	3	39/02
24234	3	30/02	25646	7	N42/02	28323	2	27,29/02	36140	12	13,21,22,24,36,41/02
24240	5	30,39/02	25649	18	18,30,35/02	28325	2	27,29/02	36142	6	24/02
24250	5	30,39/02	25650	33	22*,30/02	28330	2	27,29/02	36143	4	18,34/02
24251	23	24,34,43/02	25663	27	19/02*	29015	5	2,22/02	36161	10	13,20,24,34,44,45,47, 50/02
24252	5	30,39,43/02	25668	18	15*,16,48/02	29121	5	32/02	36162	10	13,20,35,45,47,50/02
24260	5	34/02	25670	41	26,38,48,49/02	29122	5	32/02	36163	13	20,31,34,35,38,44,45,47, 50/02
24270	3	24,27/02	25673	15	28,42/02	35000	26	11,13,23,24,47,48/02	36164	7	34,38,44,46/02
24290	3	36,43/02	25677	19	41,2/01	35008	21	45,48,50/02	36165	6	17,18,20,22,24,28,36, 44/02
24291	4	36/02	25681	15	4/02	35009	19	15,40,41,45/02	36167	2	24,40/02
24292	4	36/02	25683	17	30,49/02	35011	2	11,48/02	36173	1	40/02
24293	6	6,32,36/02	25687	11	12,15,35/02	35016	17	12,29/02	36180	23	13,17,20,21,22,36,40, 50/02
24294	22	6,36/02	25700	3	8,12/02	35031	3	12,22/02	36181	18	17,20,21,22,36,40,50/02
24311	4	27/02	25710	2	8,12/02	35032	16	12/02	36182	6	13,20,36,40/02
24312	4	27/02	25720	3	8,12,33/02	35036	21	13,17,19,24,30,36/02	37000	22	11,23,28,47,48/02
24320	4	27,28,34,43/02	25723	40	8/02	35040	18	21,45/02	37005	16	17,18,23,41,45,47/02
24322	6	28,34/02	25724	3	8/02	35041	8	21,35/02	37010	23	15,16,17,18,23,26,41,45, 47/02
24350	2	31/02	25800	3	24,36/02	35042	9	21,27,44/02	37025	26	38/02
24370	1	34/02	25803	16	12/02	35044	9	38/02	37032	2	9,12/02
24375	2	34/02	25841	9	8,10,24,36/02	35047	5	13,35/02	37033	2	47/02
24380	2	35/02	25842	10	8/02	35050	14	18,22,40,41/02	37041	15	17,20,27,50/02
24388	2	35/02	25845	9	8/02	35050	19	14,25,44/02	37042	5	17,41,45/02
24404	8	14,21,26,35,44,48/02	25848	25	8/02	35050	14	18,22,40,41/02	37043	17	13,17,20,43/02
24405	10	14,26,35,36,44,48/02	25849	13	8,42/02	35080	16	18,22,40/02	37044	16	14,45/02
24406	30	20,26/02	26050	1	13,34/02	35084	15	50/02	37045	11	45/02
24408	21	4,14,36,44,48/02	26060	1	49/02	35086	5	31/02	37046	18	21,31,43/02
24410	2	21,44/02	26081	8	46/02	35088	2	50/02	37047	6	14/02
24423	2	6,8/02	26083	14	29/02	35099	3	41/02	37050	9	18,26,42,46/02
24430	5	39/02	26127	21	5,49/02	35100	14	40,45/02	37060	3	13,17,21,31,46,50/02
24431	14	39/02	26128	50	5,49/02	35101	6	41/02	37061	15	36,38/02
24434	4	39/02	26129	11	4,26/02	35103	5	41/02	37063	21	7,16,21,28,36,50/02
24444	2	6/02	26140	2	8/02	35120	13	40,45,47/02	37064	8	17/02*
24450	3	6/02	26142	10	8,24,33/02	35130	3	48/02	37065	7	19/02*
24452	7	16,26/02	26143	10	8/02	35136	2	48/02	37075	3	7,21,31/02
24460	4	15,17,39,47/02	26145	10	8/02	35141	11	34/02	37076	5	22/02
24462	5	15,47/02	26147	31	8,10,13/02	35143	7	34/02	37079	5	33,38,40/02
24463	6	24,39/02	26148	4	8,13/02	35150	3	48/02	37080	3	14,17,24,27,30,33,34,38, 40,42,44,45,46/02
24465	6	15,23,33,47/02	26210	2	24,36/02	35155	3	11/02	37081	23	18,20,21,28,38,43,50/02
24469	1	20,46,47/02	26229	11	17/02	35159	3	25/02	37082	9	13,28,44,50/02
24470	4	28,39,47/02	26230	12	17/02	35163	7	25,44/02	37083	8	20,22/02
24471	8	28,47/02	26240	7	23/02	35166	4	35/02	37084	9	20,22,38,40,43,02
24480	1	14,17,25,27,41,44,45,	26260	5	12,24/02	35167	3	35/02			
		49/02	26280	7	8,23/02	35169	2	35/02			
24482	2	24,49/02	26282	6	8/02	35200	7	48/02			
24483	2	20,24,49/02	26284	3	8/02	35210	3	29/02			
24484	3	24,49/02	26290	1	8/02	35230	3	29/02			
24490	3	24,31/02	26303	4	13/02**	35236	2	7,38,50/02			
24491	3	31/02	26305	4	13/02**	35246	2	38,43/02			

SECTION I

NM 50/02

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NM 2/02 THROUGH NM 50/02

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Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
37085	8	38,40/02	37343	10	11,45/02	43371	13	22/02	44310	5	20,29,41,42/02
37086	8	38,50/02	37344	11	17,32,34/02	43372	4	22/02	44313	1	27,41,47/02
37087	7	38,40/02	37360	15	15,17,27,28,30,32,34, 43/02	43373	8	45/02	44319	2	21,41,42/02
37089	12	21,28/02	37362	6	12,17,31,43,48/02	43374	1	22/02	44320	4	13,23,29/02
37090	8	7,14,27,32,45/02	37363	8	11,48/02	43375	7	46/02	44321	6	13,19,22,23,29,32,40/02
37095	3	13,14,15,17,18,24,28, 32/02	37367	1	38,49/02	43384	1	48/02	44340	11	13,16,20,21,37/02
37101	9	6,15,18,27/02	37380	2	12,15,17,34,40,42,43,44, 48/02	43385	1	5,27,45,48/02	44341	7	13,25,37,41/02
37103	9	12,13,15,27,29/02	37400	10	9,15,28,34,38,40,41,44, 46/02	44001	2	48,49/02	44342	8	6,13,37,41/02
37104	3	12,13,41/02	37401	9	9,28,32,44/02	44015	8	28,31,48,49/02	44360	9	8,16,20,21,34,37,41, 42/02
37106	4	12,13/02	37402	7	28,32,41,42,44,50/02	44030	7	20,46/02	44361	6	21,27/02
37110	11	6,12,13,15,17,18,19,24, 27,28,29,47/02	37403	23	12,24/02	44038	5	18/02	44366	1	34,41/02
37112	1	47/02	37420	1	9,12,34,43/02	44040	23	28,44/02	44367	2	15,16,18,20,22,25,26,29, 35,37,40/02
37115	2	6,12,13,15,17,18,19,27, 28,29,33,47/02	37441	4	9,12,15/02	44041	7	48/02	44400	4	48/02
37119	2	43/02	37443	2	9,12/02	44042	7	21,44,45,49/02	44401	7	13/02*
37120	2	12,13,15,19,24,27,29,39, 42,49/02	37445	1	12,48/02	44043	8	44/02	44420	6	5,36,49/02
37121	11	12,13,15,24,27,29,31/02	37481	7	47,48/02	44046	10	18/02	44430	2	4,6,16,17,28/02
37122	12	48/02	37501	3	46,47/02	44047	22	8,26,44/02	44444	6	31/02
37123	9	19,49/02	37505	2	46/02	44048	11	8/02	44461	10	4,6,8,12,16,17,19,28/02
37125	15	15,19,24,42,49/02	37506	4	45,46,47/02	44049	9	18,44,46,50/02	44462	4	4,6,8,19/02
37126	8	15,41/02	38030	1	9,10,20,21/02	44051	1	44,48,50/02	44463	9	4/02
37127	11	49/02	38040	5	12/02	44057	5	8,13,21,25/02	44465	2	4,6,8,12,16,17,19,28/02
37129	6	39,42,49/02	38041	1	12/02	44061	21	8,18,21/02	44481	2	6,26,28,31/02
37133	4	44/02	38044	N12/02		44062	8	8/02	51002	7	13/02*
37134	5	38/02	38100	4	12/02	44063	8	13,21/02	51007	22	38/02
37136	6	38,46,50/02	38103	N12/02		44064	19	8/02	51013	4	38/02
37137	6	46,48/02	38105	N12/02		44065	7	5,11,15,16,20,25,30, 42/02	51017	31	37/02
37139	8	18,23/02	38460	7	18/02	44066	10	16,20,27,39/02	51022	11	37/02
37140	33	15,17,19,21,22,24,27,29, 31,35,49/02	38463	2	N18/02	44067	22	5,8,11,16,21,25,29/02	51103	10	29*,33,45/02
37141	29	20,21,23,36,40,48/02	38480	6	18/02	44068	11	11,13,17,18,20,24,26, 44/02	51104	1	29*,33,45/02
37145	23	46,50/02	38580	8	12/02	44069	16	5,9,11,13,16,18,20,21,24, 29,31/02	51143	4	14/02*
37147	15	13,21,35,36,40/02	38603	2	4,17,21/02	44070	7	9/02	51144	3	14/02*
37148	13	17,21,35,38/02	38670	2	9/02	44071	4	9/02	51145	2	42/02
37149	10	44/02	38683	3	9/02	44072	4	5,21/02	51146	3	42/02
37150	8	13,16,21,22,31/02	38690	2	10/02	44073	2	5,21/02	51150	1	50/02
37161	14	13,18,21,22,31,34,43/02	41060	3	34/02	44075	4	5,9,11,16,17,21,29,31, 42/02	51155	1	50/02
37162	12	11,12,15,16,17,26/02	42620	5	12/02	44076	3	18,25/02	51156	3	47/02
37163	19	11,13/02	42740	5	2,12,34,41/02	44081	9	8,15,16,17,20,24,25, 39/02	51160	20	48,50/02
37164	4	15/02	42742	3	2/02	44085	2	21,25/02	51164	18	38,45,46,50/02
37165	2	5,8,9,15,17,18,20,21,34, 36/02	42760	5	2,12/02	44086	7	11,13,15,16,17,18,21,24, 25/02	51165	8	25,45,50/02
37166	2	8,11,12,15,16,17,26/02	43030	24	11,25,28/02	44088	8	10,15,21/02	51166	3	N25,N45/02
37170	11	38/02	43040	6	2/02	44089	1	6/02	51167	6	45,50/02
37180	20	21,38/02	43059	3	44/02	44094	2	18,25/02	51168	2	45,46,50/02
37182	14	35,47,48/02	43060	4	44/02	44101	9	8,15,16,17,20,24,25, 39/02	51220	8	33/02
37183	9	48/02	43079	2	41/02	44105	2	49/02	51225	3	27/02
37184	8	48/02	43082	5	41/02	44107	7	6,11,15,16,17,18,21,26, 27,28,31/02	51240	2	33/02
37200	15	18/02	43101	3	46/02	44108	5	10,15,21/02	51260	4	37,50/02
37202	2	13,18/02	43102	4	46/02	44109	7	11,13,15,16,17,18,21,26, 27,28,31/02	51263	23	49/02
37205	2	39/02	43104	4	46/02	44110	7	11,13,15,16,17,18,21,26, 27,28,31/02	51300	4	27/02
37221	13	5,8,9,11,12,15,16,17,18, 20,21,24,25,27,28,34, 36/02	43140	4	17,41,48/02	44111	6	11,15,16,17,18,21,24, 25/02	51320	3	12/02
37222	13	15,27,28/02	43144	2	48/02	44112	7	6,11,15,16,17,18,21,26, 27,28,31/02	51341	23	48/02
37223	14	26,42/02	43150	2	N17/02	44113	5	10/02	51380	5	47/02
37224	11	15/02	43160	6	17/02	44114	8	4,6,16,26,27,28,29,31, 50/02	51559	3	41/02
37226	17	5,9,11,15,16,17,19,20,21, 25,28,30,39/02	43161	2	17,41,44/02	44116	7	46/02	52039	3	50/02
37228	14	5,8,13,21,24,27/02	43164	3	17,48/02	44117	2	21/02	52040	17	43,50/02
37229	15	15,16,17/02	43182	4	47/02	44118	6	18,20,24,29,34,45,46/02	52043	21	46/02
37230	14	16,18,24,25,39/02	43223	4	41/02	44119	4	21,48,49/02	52045	6	36/02
37231	18	9,12,15,20,21,25,28, 30/02	43225	4	17/02	44120	5	48/02	52046	21	50/02
37232	12	12,15,16,21/02	43240	4	50/02	44121	2	29,50/02	52051	1	43/02
37234	13	9,12,15,20/02	43263	7	44/02	44122	1	50/02	52052	1	43/02
37235	11	15/02	43265	2	44/02	44123	1	46,48/02	52060	16	43,50/02
37241	17	13,16,17,26/02	43270	2	44/02	44124	1	46/02	52061	2	45,48/02
37242	10	13,15,20/02	43280	5	44/02	44125	1	26/02	52066	3	50/02
37244	11	8,11,16,17,26/02	43281	6	20/02*	44126	9	20,24,29,34/02	52080	14	50/02
37246	14	13,15/02	43284	4	16/02	44127	1	20,24,33,48/02	52082	3	45,46,48/02
37248	18	12,39/02	43285	5	15,16,44/02	44128	1	21,29,46,48/02	52083	2	45,46/02
37258	4	15/02	43300	5	15,44,47,50/02	44129	4	21,45,49/02	52084	2	45,46,48/02
37261	10	15,28/02	43301	4	15,45,50/02	44130	1	49,49/02	52085	3	50/02
37264	3	30/02	43302	4	44,47,50/02	44131	1	49/02	52086	2	45,50/02
37265	3	18,24/02	43303	4	41,47,50/02	44132	1	49/02	52088	2	45/02
37281	15	30/02	43304	2	44,47,50/02	44133	8	49,50/02	52092	1	46/02
37320	16	12,18,26,27,28,38,44/02	43321	6	30,41,47/02	44134	2	25/02	52120	12	32/02
37325	8	14,18,34,39,47/02	43323	4	30/02	44135	7	29/02	52121	8	45,46/02
37326	2	11,12,34,47/02	43324	4	30/02	44136	5	49,50/02	52122	14	45/02
37328	2	12,18,42,44/02	43341	7	41/02	44137	2	49/02	52125	1	45,46/02
37330	2	22,24,26,30,32,34,38,40, 46/02	43360	21	17,28/02	44138	5	49,50/02	52140	6	48,50/02
37342	3	17,32/02	43364	5	45,46/02	44139	2	41/02	52141	5	48/02
						44220	5	46/02	52144	5	50/02
						44221	1	49/02	52145	6	48,50/02
						44222	8	49/02	52146	3	3/02
						44223	1	49/02	52147	5	48/02
						44224	1	49/02	52148	5	50/02
						44225	1	49/02	52149	5	50/02
						44226	8	49,50/02	52150	3	3/02
						44227	1	49,50/02	52151	2	3,11,40/02
						44228	9	29,34,49,50/02	52180	14	2,21,24,42,43/02</td

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 2/02 THROUGH NM 50/02

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
53060	14	12,14,15,17,18,19,21,22, 27,28,30,32/02	54140	7	15,16,17,18,41/02	55046	4	4,21,22,23,26,27,30,31, 37,38,39,41,48/02	61312	3	17,33/02
53061	10	14,19,28,30,44,47/02	54151	1	7,14,15/02	55047	8	22,23,26,27/02	61400	2	27/02
53063	8	14,19,28,44,47/02	54160	14	8/02**	55048	12	6,23,27,32,36,37,39,41, 48/02	61410	2	14/02
53064	6	33/02	54161	12	16,17,19/02	55049	6	22,27,30,41,43/02	61420	2	14/02
53065	2	33/02	54165	2	33,37/02	55060	7	19,20,36,37/02	61430	2	14/02
53066	2	12,33/02	54167	2	17,19/02	55064	3	4,23,37,48/02	61433	1	14/02
53081	8	15,21,30/02	54169	3	8,16,37/02	55084	7	39/02	61440	2	15/02
53082	13	40/02	54180	6	7,8,10,19,41,43,50/02	55085	9	13/02	61450	2	14,17,27/02
53083	8	18,19/02	54195	2	11/02	55085	9	13/02	61470	2	15/02
53084	6	17,18,24/02	54200	4	7,8,10,11,13,21/02	55100	8	29,36,37/02	61472	1	15,20/02
53085	6	17,24/02	54201	6	13,21/02	55102	3	24/02	61500	2	17/02
53086	8	20,46,48/02	54220	5	7,10,13/02	55103	2	9,12,24,29,48/02	61510	2	15/02
53087	9	48/02	54224	4	21,43/02	55104	2	9,48/02	61520	2	15/02
53088	7	33/02	54223	2	13,21/02	55105	7	6,9,12,18,29,36,41,42/02	61522	1	15/02
53090	1	41/02	54224	2	13,21/02	55110	2	4,7,23,24,29,37/02	61538	1	15/02
53093	2	20/02	54225	2	21/02	55120	2	36/02	61540	2	15,20/02
53100	16	13,18,19,21,24,28,33,39, 42/02	54226	2	7,50/02	55128	2	4,5,6,9,26,33,36,38/02	61541	8	4/02
53101	7	33/02	54227	2	7,50/02	55129	7	6,9,33,36,37/02	61542	6	4/02
53104	2	20,35,42/02	54240	11	8/02**	55130	2	13,27,45/02	61550	2	17/02
53105	20	37/02	54260	3	8/02**	55131	1	27,36,45/02	61560	2	15/02
53106	6	19*,20,24/02	54279	4	50/02*	55139	5	41/02	61581	5	14,18/02
53107	16	35/02	54280	10	11,14,15,20/02	55150	2	4,6,7,24,28,29,37/02	61582	4	14,18/02
53110	1	29,40/02	54281	6	20/02	55160	2	6,18,24,28,29,42/02	61591	4	8/02
53111	3	31,44,42/02*	54283	5	8,19,20/02	55161	1	7,29/02	61592	4	8/02
53120	14	13,18,20,21,27,28,39, 42/02	54286	4	14,19/02	55170	2	9,12,18,29,31,36,41/02	61610	7	28,29/02
53122	3	20,29,40/02	54287	7	7,9/02	55175	1	24,28/02	61611	11	28/02
53125	2	46/02	54288	5	9/02	55180	2	9,33/02	61612	4	28/02
53129	3	36,39,42/02	54289	8	7,9,19/02	55200	2	12,27/02	61650	3	17/02
53149	2	31/02	54300	12	8,11,13,14,31/02	56042	6	22/02	62000	20	18,46/02
53150	14	20/02	54302	1	8,11,13,14,31/02	56043	6	22/02	62001	4	2,36/02
53153	3	6*,41,46/02	54303	4	8/02	56044	3	22,38/02	62024	13	13,14,38,40/02
53135	2	20/02	54314	2	13/02	56060	8	33/02	62028	15	5,8,12,18/02
53141	5	20,24,34/02	54318	3	5,19/02	56063	1	2,14,21/02	62032	15	13,16,18,23,29,32,33,43, 50/02
53147	3	36,39,42/02	54320	4	7,13,20,48/02	56064	6	14,38/02	62033	2	N13,N16,N18,N23,N29, N32,N33,N43,N50/02
53149	2	31/02	54322	7	5,13,19,20/02	56065	3	33,38/02	62040	5	13/02
53160	14	20/02	54324	8	19/02	56067	3	48/02*	62046	2	13,39/02
53162	7	50/02*	54327	4	20,31/02	56081	19	41/02	62050	6	18,44/02
53164	9	20,37/02	54329	4	5/02	56083	2	7,31/02	62090	7	2/02
53165	13	39/02	54330	2	5/02	56100	13	41,49,50/02	62092	7	2,41/02
53180	10	2,33,34,43/02	54333	3	5/02	56101	6	33/02	62093	7	2,16,41,49/02
53181	4	2,34/02	54334	3	7/02	56103	6	18,30/02	62095	2	2,3,16,41,49/02
53182	4	36/02	54337	3	19,31/02	56104	2	41,49,50/02	62100	6	2,4,12/02
53183	13	19*,35/02	54339	8	7,17,31/02	56191	2	18/02	62110	9	2,4/02
53184	5	32,35/02	54340	8	19,48/02	56195	3	22/02*	62120	6	11/02
53200	6	2,3,33,36,43/02	54343	10	14,19,48/02	57063	5	40,41/02	62121	9	11/02
53203	11	3/02	54344	6	14,19,48/02	57101	18	41/02	62140	1	34,40/02
53204	10	3,44/02	54346	8	14,19/02	57120	13	43/02	62142	10	24,28/02
53206	6	17/02	54360	12	15,19,20/02	57140	10	43/02	62143	3	24,28/02
53220	6	2,36,43/02	54363	3	15,19,20/02	57141	14	43/02	62144	3	24/02
53223	5	29/02	54365	6	15,19,36/02	57142	6	43/02	62170	2	38/02
53226	2	15/02	54366	3	15/02	57160	10	43/02	62171	4	38,47/02
53244	2	2/02	54368	4	20/02	57161	4	31/02	62191	14	22,29,41/02
53262	7	22,42/02	54369	4	13,15/02	57162	7	43/02	62193	17	17*,19,31/02
53263	1	37/02	54372	2	20/02	57164	2	43/02	62194	8	17*,18,19,31,36/02
53265	6	19,35,41,46/02	54380	6	5,19,26,42/02	57165	1	43/02	62195	6	22,36,41/02
53268	4	22,42/02	54382	9	26/02	57170	1	43/02	62220	8	8/02
53269	5	19/02	54386	10	7,42/02	61015	8	17/02	62225	3	17*,37/02
53279	3	9/02	54387	7	6,23,42/02	61018	4	18,24/02	62242	11	47/02
53281	4	31,40/02	54389	8	6,43/02	61020	2	17,28/02	62250	4	34,38/02
53282	8	40/02	54400	8	5,7,20,32,43/02	61021	3	18/02	62270	4	37,41/02
53283	4	33/02	54403	4	6,22,43/02	61036	8	8,27/02	62271	5	37,41/02
53284	4	33,40/02	54404	4	19/02	61110	3	12,28/02	62285	2	26/02
53285	4	35/02	54407	4	32,43/02	61111	12	12/02	62290	3	2,11,26,37,41/02
53287	6	20,27,35,42/02	54409	2	23,32/02	61112	10	14,17/02	62292	2	24/02
53290	1	35/02	54413	3	31/02	61120	4	12,28/02	62295	3	2/02
53301	4	27/02	54416	5	7/02	61130	3	12,28/02	62310	2	6,27/02
53303	6	49/02	54418	4	32,43/02	61140	5	12,27/02	62313	4	17*,27/02
53306	2	21,39/02	54421	6	6,7,28,47/02	61141	6	38/02	62330	2	14,38,40/02
53311	3	39/02	54422	4	19/02*	61142	6	38/02	62340	3	38/02
54040	3	37/02	54423	5	48/02*	61150	4	12/02	62360	5	18,38/02
54041	7	18,35/02	54430	1	26,28,37,43/02	61160	3	12/02	62361	2	N18,N38/02
54043	2	15,17,18,29/02	54440	4	7,30,41/02	61170	5	13,27/02	62366	3	38,40/02
54060	5	18,37/02	54441	6	30,42/02	61171	10	13/02	62392	7	14*,18/02
54080	5	8/02**	54463	5	14/02	61172	6	13/02	62393	7	34,37,50/02
54081	3	13/02	54464	5	7/02	61180	4	20,27/02	62394	10	34,37,50/02
54083	4	19/02	54480	8	22,30,36,41/02	61182	2	13/02	62395	2	34,50/02
54085	2	18,19,40/02	54481	8	22,30,36/02	61190	4	39,41/02	62400	17	23,24,33/02
54090	3	46/02*	55001	4	6,18,29,36,37,42/02	61191	8	12,13/02	62401	9	11/02
54095	3	46/02*	55040	4	13,15,18,23,27,28,31,32, 39,41/02	61200	7	17,21/02	62402	9	2,5,6,15,17,20,49/02
54100	4	8/02**	55041	7	15,22,32/02	61210	6	17/02	62406	2	8,24,33/02
54105	3	46/02*	55042	1	18,21,27,28,42/02	61220	5	17/02	62408	7	11,15/02
54115	3	46/02*	55043	2	21,23,27,28,37,39,42/02	61240	7	18/02	62409	6	2/02
54120	5	15,16,17,18,19,20,37,39, 41/02	55044	5	22,23,41,43/02	61250	4	18/02	62413	11	33/02
54125	3	46/02*	55045	2	18,21,23,41/02	61311	5	17,33/02	62419	6	33/02

SECTION I

NM 50/02

CHARTS AFFECTED BY NOTICE TO MARINERS NM 2/02 THROUGH NM 50/02

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
62420	5	33,37,39/02	63291	9	19,33/02	72045	2	16/02	74184	10	10,13,23,24,28,33,35,37, 38,46,48/02
62429	9	17,27,39,43/02	63320	8	30/02	72060	8	32,50/02	74186	7	11,18,34/02
62431	8	26*,27,37/02	63321	6	30,42/02	72070	4	8,11,32/02	74190	7	2,13,22,23,26,35,36,37, 46/02
62432	15	4,25,31,34/02	63322	2	30/02	72075	2	8,20/02	74191	2	19,22,24,26,35,46,48/02
62433	12	15,30,31,34,45/02	63324	1	6/02	72080	7	8,20/02	74192	3	5,24,26,28,35,46/02
62434	9	12*,40,46/02	63330	9	27,39/02	72085	2	6,8,30,47/02	74200	8	5,14,18,21,27,28,37, 46/02
62437	9	32,46/02	63337	15	27,31,39/02	72094	2	29,38/02	74201	9	27/02
62440	7	5,15,17,20,49/02	63400	1	39/02	72100	7	29/02	74202	3	14,16,21,24/02
62441	10	16,36/02	63410	6	39/02	72103	2	29/02	74204	5	13,14,21,24,27,37/02
62448	2	2,23/02	63413	5	39/02	72105	2	36,38/02	74205	2	16,24,25/02
62449	4	15/02	63417	2	39/02	72107	2	12,15,27,29/02	74206	2	8,24,34/02
62451	7	2,21,23/02	63420	2	39,45/02	72109	3	42,44/02	74210	7	12,25/02
62453	3	25,33/02	63424	2	45/02	72110	9	12,15/02	74220	8	6,11,13,17,23,25,26,35, 47/02
62455	7	17,27,39,43/02	71005	1	7,9,34/02	72130	4	13,46/02	74221	2	11,13,35/02
62456	1	27/02	71006	5	8,39/02	72131	3	13/02	74229	2	5,6,11,17,22,23,33,37,43, 47/02
62457	5	5,6,17,20,21,24,36,49/02	71009	3	9,39,46,48/02	72161	10	15/02	74230	7	11,13,28,39,42/02
62460	4	6,24,31,33/02	71012	3	19,33,39,46/02	72173	2	12,15/02	74231	7	5,6,19,23,35/02
62464	2	15*,31,49,50/02	71018	10	2,5,9,10,15,33,35,37/02	72181	2	36/02	74232	9	2,9,15/02
62480	1	13,15,18,23,30,31,33,37, 43/02	71027	9	7,15,19,20,22,24,25,34, 38,45,49/02	72190	2	6,30/02	74234	1	2/02
62490	1	2,4,12,16,18,25,29,31,32, 33,43,50/02	71033	31	7,15,23,37,38,49/02	72201	5	9/02	74240	8	4,9,15,34,39,42/02
62498	4	12*,23,25,27,31/02	71036	8	9,11,35,44/02	72203	2	16/02	74251	8	4,15,17,23,25,26,31,32, 34,37,42,44,46/02
62499	4	15*,25,27,31,49,50/02	71040	5	27,34,42/02	72211	6	43/02	74252	9	19,47/02
62510	2	6,23,31,33,34/02	71042	1	34/02	72231	8	31/02	74253	6	4,11,15,17,19,23,25,27, 32,47/02
62512	2	N6,N23,N31,N33, N34/02	71043	2	25/02*	73000	4	4,6,8,18,24,30/02	74261	9	15,25,41,49/02
62515	2	14,26,45/02	71044	1	27/02	73002	4	4,26/02	74265	2	4,11,15,17,18,19,25,31, 38,41,43,47,49/02
62520	5	5,6,7,13,15,17,20,30,31, 37,43,49/02	71059	1	23,36/02	73008	8	8,16/02	74270	3	9,18,19,26,31,38/02
62521	3	N5,N6,N7,N13,N15, N17,N20,N30,N31,N37, N43,N49/02	71061	15	23,36/02	73010	3	13/02	74271	9	9,19,28,38,46/02
62523	3	N7,N31,N33,N43/02	71066	1	39/02	73012	5	9,10,42,48/02	74272	7	26,32/02
62540	6	17*,18,21,23,25,26,29, 31,32,34,40,45,48,50/02	71071	5	15/02	73014	10	48/02	74273	5	18,19,31,38,41,43/02
62541	3	N17*,N18,N21,N23, N25,N26,N29,N31,N32, N34,N40,N45,N48, N50/02	71081	3	16/02	73016	4	15,44/02	74283	2	46,49/02
62550	5	7,31,33,43/02	71084	6	33,39,46/02	73018	3	13/02	74285	2	31,34,35,45/02
62551	3	N7,N31,N33,N43/02	71180	29	2,8,10,33,37/02	73020	9	3,25/02	74286	2	15,22,24/02
62553	3	N7,N31,N33,N43/02	71183	13	32/02	73022	4	13/02	74287	2	27,34,38/02
62554	6	17*,18,21,23,25,26,29, 31,32,34,40,45,48,50/02	71185	24	5,8,13/02	73024	3	39/02	74289	5	13,18,26/02
62555	2	7,13,30,43/02	71186	2	5,8,13/02	73030	4	4,20/02	74290	11	13,25,34,39,45,46,48, 49/02
62556	3	2,21,23,25,29/02	71210	18	44/02	73032	4	4,25/02	74292	8	13,27,34,38/02
62570	4	17*,21,23,25,26,31,32, 33,34,36,40,45,48/02	71211	4	38/02	73041	2	18/02	74293	7	25,34,45,48/02
62580	3	2,4,14,23,26,32,33,45/02	71212	1	18,38/02	73141	5	13/02	74294	3	25,34,45/02
62590	2	4,9,12,16,28,29,36,40,46, 48/02	71223	8	17/02	73271	7	21/02	74295	3	18,22/02
62591	3	N4,N9,N12,N16,N28, N29,N36,N46,N48/02	71230	11	23,38/02	73552	4	9,25,34,45/02	74296	4	27,34,38,49/02
63000	13	5,12,27,28,48/02	71239	3	4/02	73570	7	34,45/02	74300	11	13,25,34,39,45,46,48, 49/02
63005	18	4,15,25,31/02	71241	10	18/02	73581	4	16/02	74320	3	35/02
63010	14	26,29,31/02	71243	4	33/02	73590	6	16,31,47/02	74330	3	15/02
63015	11	31,38,40/02	71249	2	35/02	73601	3	12,15,17,24,26,31,34,35, 47/02	74340	3	15,27/02
63020	15	27,31/02	71251	11	20,35,40/02	73610	4	26,31/02	74350	4	25/02
63040	2	12*,46/02	71255	9	0/02	73631	4	36,46/02	74376	5	43/02
63050	2	5,12,17,46/02	71259	2	18,20,21,33/02	73640	5	23,36/02	74380	4	2,3,9,22,32/02
63053	4	12*,14/02	71261	8	2,13,35/02	74003	5	2,22,25,28,47/02	74391	3	15/02
63054	3	19*,31/02	71265	3	13,23,35/02	74004	2	12,13,18,35,37,39,47/02	74392	7	16,22,25,39/02
63055	2	5,14,29/02	71275	3	2,7,23,25,30,34/02	74005	2	9,13,18,19,31,34,35,46, 47/02	74393	9	12,16,18,19,25,28,31,38, 41,50/02
63060	7	5,12,25,28,32/02	71278	2	25,26,30,34,39,40/02	74009	10	3,9,20,22,25,38,49/02	74394	2	3,12,18,19,28,31,41,49, 50/02
63062	7	5,18,28,29/02	71295	2	9,14,31,34,36/02	74012	10	17,20,22,26,37,40,49/02	74410	3	16,20,25,38/02
63063	9	5,27,29/02	71298	8	45/02	74015	10	20,40/02	74415	1	39/02
63065	6	18/02	71313	2	14,27,31,34/02	74017	4	3,12,17,18,37,45/02	74420	3	45/02
63070	3	20,27,28,29/02	71315	2	14/02	74018	6	44/02	74430	2	49/02
63080	5	26,27,28,31,48/02	71320	1	35/02	74020	4	16,17,33,37,38,43/02	74440	3	32,39/02
63090	8	25,31/02	71340	11	18,19,22,40,46/02	74021	7	10,13,14,20,33,35,39,	74450	3	21,22,26,49/02
63091	4	26,27,32,39,48/02	71348	3	18,35/02	74024	7	31,44/02	74455	3	9,19,21,23,48/02
63100	2	4,15,44/02	71350	8	15,18,20/02	74027	9	43,44/02	74460	4	21,22,26,37,40,46,49/02
63101	15	14,17,19/02	71400	5	11/02	74030	6	10,28/02	74465	2	9/02
63102	19	14,17,19,26/02	71401	1	40,46/02	74042	1	6/02	74475	2	44/02
63103	17	14,17,26,29/02	71402	1	18,40,46/02	74053	2	10,28/02	74480	2	44/02
63110	4	40/02	71410	1	11,39/02	74054	2	28/02	74485	3	16,43/02
63111	9	17,25,48/02	71420	1	38,39/02	74071	4	12/02	74491	4	6/02
63120	2	24,48/02	71430	2	18,41/02	74151	9	4,10,20,24,27,36,44/02	74492	7	6,16/02
63121	5	48/02	71440	1	7,24,34,38,49/02	74152	11	14,36,44/02	74493	3	6,16,38,43,45/02
63150	1	14,15,25,31/02	71450	1	22,25/02	74153	2	4,14,36,44/02	74494	2	41/02
63201	9	40/02	71460	1	15,20,25,41/02	74162	4	10,36,46,47/02	74510	2	14,16,17,33,35,37/02
63210	3	45/02	71465	1	20/02	74171	4	33,36,47/02	74515	4	10,13,14,20,28,33,35, 39/02
63220	5	26,45/02	71470	2	15,38/02	74172	5	2,36,47/02	74181	8	2,11,13,23,28,33,35,37, 38,39,47/02
63230	6	17*,45/02	72000	8	4,31,32,35,47,50/02	74182	12	3,5,11,13,23,24,25,26,28,	74515	3	10,13,18,20,21,39,41/02
63231	8	31,45/02	72007	10	6,30,36,38,47/02	74204	10	12,46/02	74521	3	28,41/02
63232	3	45/02	72014	10	12,46/02	74208	8	38,39,47/02	74527	2	28/02
63233	15	31/02	72021	8	31,36,38,47,50/02	74209	7	4,15,31,34,35,37,38,41,42,	74530	2	28,44/02
63250	6	14*,29,40/02	72028	7	4,15,31,34/02	74205	4	44/02	74535	2	31,42,44,48/02
63271	8	19/02	72035	8	16,31/02	74204	3	11/02	74545	3	28,40/02
63290	7	19,31,32,38/02	72040	3	11/02	74183	11	11,38,39,42/02			

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 2/02 THROUGH NM 50/02

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
74555	3	10,34,43,44,48/02	76151	7	5,22/02	92200	3	10,19/02	94084	1	5,6,13,23,25/02
74560	10	14,23,28,32,40,43,46,48, 50/02	76161	10	9,40/02	92210	3	18*,19/02	94120	6	12,19,21,33,38,48/02
74581	9	9,13,20,26,32,34,36,40, 41,43,45/02	76170	7	29/02	92214	4	3,19/02	94122	7	19,30,40/02
74582	9	3,9,13,18,26,28,40/02	76171	10	9/02	92216	3	23/02*	94123	9	12,21,33,38,42,44/02
74583	15	26,32,34,40,43,44,48/02	76180	1	2,4,6,18,22,23/02	92242	2	3/02	94124	13	38,42,44/02
74584	5	4,18,22,25,32,34,41,43, 45/02	81002	6	18/02	92290	2	7,11/02	94127	2	21,33,38/02
74590	2	10,28/02	81023	5	18/02	92293	2	7,11/02	94160	7	2,26,27,33,38,44,46,47, 50/02
74591	7	10,40/02	81048	8	14/02	92310	4	5,11,13/02	94164	2	2,26,27,46,50/02
74595	2	28/02	81054	12	14,29/02	92320	4	7,10/02	94165	4	14,20,26,50/02
75000	6	47/02	81063	5	2/02	92380	3	7,10,11/02	94180	9	26,32,42,44,47,50/02
75001	3	9,23,47/02	81092	3	38*,50/02	92385	4	7,10/02	94187	3	32/02
75010	7	16,18,41,42,50/02	81711	6	23/02	92410	3	10,11,14/02	94188	2	44,46,47/02
75025	9	14,22,23,36,39/02	81715	4	23/02	92420	4	11/02	94203	10	22,26,41,42,44,46,47/02
75035	18	10,21,24,36,39/02	82015	13	22/02	92450	3	7,21/02	94206	3	22,26,41,42,44,47/02
75051	6	13,16/02	82020	7	22/02	92460	1	11/02	94207	5	N26,N42,N44,N47/02
75052	2	13,16/02	82030	8	12,18/02	92470	3	19,21/02	94208	6	N44/02
75110	2	50/02	82210	2	42,48/02	92560	4	45/02	94216	6	27,45/02
75120	2	16,42/02	82242	1	35,48,50/02	93006	2	21,39,45/02	94217	4	30/02
75130	16	7,16,18,21,27,31,34,41, 50/02	82244	5	35,42,48/02	93010	6	15,17,22,27,38,40,41/02	94218	3	30,36/02
75131	7	18,20,28/02	82253	7	35,48,50/02	93018	8	9,27/02	94219	1	47/02
75132	11	31/02	82374	9	22/02	93020	2	15,24,38/02	94220	4	22,26,41,42,47,49/02
75134	3	7,23,27,33/02	82377	2	22/02	93022	4	6,18/02	94260	5	49/02
75143	4	4,8,15,21,28,36,42,50/02	82580	2	19/02	93025	5	45/02	94282	9	46/02
75144	3	20,31,33,36,42/02	82646	2	19,33/02	93030	6	6,18,45/02	94283	7	46/02
75150	5	13,16,50/02	82649	5	3,18,20,33/02	93032	3	45/02	94360	6	18,32,43/02
75160	6	6,22,23,24/02	82683	4	6,18,33/02	93043	1	45/02	94361	13	18,32/02
75170	12	38,39/02	82684	3	3,12,18,33,38/02	93046	1	9,45/02	94363	4	32,43/02
75171	22	5,8,10,12,14,17,18,22,27, 31,32,33,36,38,40,42, 48/02	82689	3	5,6,18,38/02	93047	2	45,49/02	94420	3	5,39/02
75172	5	39/02	82690	10	6,18,19,20/02	93048	1	35,49/02	94421	10	15,45/02
75173	9	8,10,12,14,17,20,25,31, 32,33,36/02	82694	6	38/02	93049	1	45/02	94423	12	19,45/02
75175	9	5,16,18,31,33,38,40,45, 50/02	82697	6	38,46/02	93061	4	45/02	94427	2	N32/02
75176	9	5,7,14,17,27,42,50/02	83020	8	7/02	93101	2	N24,N34,N38/02	94440	2	46/02
75177	7	5,12,18,27,38,48,50/02	83021	1	25,27,43/02	93110	2	22,24,38,40,41/02	95016	8	9,12,40/02
75178	2	3/02	83023	4	25,27,43/02	93113	2	19/02	95040	8	4,40/02
75179	2	22,47/02	83026	32	18,41/02	93115	2	40,41/02	95060	13	4,10,14,15,16,40,43,44, 47,48/02
75180	5	39/02	83032	1	18/02	93117	2	19,40,41/02	95065	5	4,14,48/02
75183	9	8,10,12,14,17,20,25,31, 32,33,36/02	83034	1	12/02	93160	4	15*,27,34/02	95066	11	4,10,13,14,15,16,18,19, 20,41,43,44,47,48,49, 50/02
75185	9	5,16,18,31,33,38,40,45, 50/02	83039	11	9,12,41/02	93180	7	27,34/02	95082	9	10,13,19,21,25,27,30,33, 44,46/02
75190	2	11,23,47/02	83252	8	18/02	93200	4	9,26,27/02	95083	8	21,25,33/02
75191	6	3,22,25,37,38,43,47/02	83253	2	18/02	93220	6	17,27,34/02	95084	7	15,16,18,50/02
75193	6	22,49/02	83382	9	20,25,27/02	93240	11	17,34/02	95085	4	15,45/02
75207	2	36/02	83383	2	20,25,27/02	93243	6	42/02	95086	5	15,45/02
75208	2	14,26,50/02	83385	19	20,27/02	93247	4	26/02	95087	3	4,19,21,25,33,40,48/02
75213	2	36/02	83392	5	31/02	93260	8	27,31/02	95100	12	7,8,9,10,13,14,15,16,18, 38,39,43,44,45,46,47, 50/02
75215	2	36,39,40/02	83393	2	N31/02	93261	5	31/02	95101	8	8,13,14,15,39,44,50/02
75220	12	10,14,36,39,49/02	83397	6	8,18/02	93360	5	38/02	95102	8	8,10,13,38,42,45,46,47, 48,50/02
75222	8	18,22,35,40/02	83425	6	3,20,35/02	93385	6	6,18/02	95103	8	8,13,42,43,45,47/02
75240	4	14,36,39/02	83500	1	9,12/02	93404	6	6/02	95120	7	6,13,17,20,21,24,43/02
75241	6	34,36/02	83560	3	9/02	93420	4	18/02	95138	8	45,46,48,49,50/02
75251	5	23,33,48/02	83570	2	5,24/02	93440	4	18/02	95140	15	7,8,10,14,15,18,22,38,40, 41,44,48,49/02
75261	6	13,17,21,23,24,33,36, 48/02	83572	1	24/02	93460	7	6/02	95141	8	7,14,45,47,50/02
75265	2	13,17,20,21,24/02	83574	2	5/02	93520	13	45/02	95142	9	15*,18,19,50/02
76015	1	3,4,18,23,24,29,35,40/02	83580	2	12,24/02	93610	3	44,45/02	95143	11	4,15,18,40,45,47,48,49, 50/02
76020	7	8,18/02	91005	6	7,10,11,45/02	93650	2	19,44/02	95144	9	8,10,19,38,41,46,48, 50/02
76023	9	17,32/02	91008	1	12,29,44,48/02	93680	3	45,47/02	95146	14	7,10,19,36,38,39,40,41, 44,46,47,48,50/02
76264	17	16,17,19,33,34,37,41,42, 44,45/02	91010	6	29,48/02	93690	2	44/02	95147	13	7,39,41,44,45,46,47,48, 49/02
76026	6	13,17,21,23,24,33,36, 48/02	91020	5	10,19,21,22/02	93698	3	45/02	95149	9	15,18,22,34,36,37,38,41, 43,48,49/02
76028	1	3,4,18,23,24,29,35,40/02	91025	8	7,10,21,22/02	93710	3	14,26/02	95151	17	13,15,18,34,36,37,38,40, 47,50/02
76030	9	9,12,24,49/02	91240	5	7,10/02	93720	10	39,45,50/02	95152	5	37,38/02
76041	2	2/02	91289	19	13,19,20/02	93721	5	5,8,9,20,22,26,32,39,42, 45,50/02	95153	2	15,22,34,36,37,38,43/02
76050	8	24,49/02	91294	8	10,14/02	93725	6	20,45/02	95160	13	4,7,8,9,15,27,41,42,47/02
76052	8	8,12,15,21/02	91297	9	10,14/02	93726	4	26,48/02	95161	16	4,27,31,40,45,48,50/02
76054	5	9,49/02	91300	3	10,21,22/02	93730	3	6,21,39,40,42,45,47, 50/02	95162	2	20,40,44,47/02
76060	7	40/02	91309	4	13/02	93778	8	14,47/02	95163	2	27/02
76061	3	40/02	91331	3	10,21/02	94004	6	2,12,14,19,29,30,33,37, 42/02	95164	4	43,48/02
76070	9	4,9,12,23,35/02	91340	3	11,19,21/02	94016	2	12,23,33,35/02	95167	10	44/02
76071	9	4,23,35/02	91360	2	11/02	94028	7	7,8,9,13,14,23,25,40, 48/02	95169	2	4,44,50/02
76080	8	3/02	91407	2	10/02	94040	13	30,37,47/02	95173	1	15,16,17,50/02
76081	7	9,12/02	92006	5	45,46/02	94042	9	47/02			
76090	6	2,9/02	92010	3	19/02	94060	10	2,5,27,29,30,33,37,46, 47/02			
76110	5	23/02	92020	2	19/02	94061	5	2,5,19,33,35,47/02			
76120	6	6,22,23,25/02	92025	3	10,11,13,21/02	94063	4	29,33,41/02			
76121	8	4,9/02	92030	4	7,10,11,19,21/02	94067	10	33/02			
76140	7	2,46/02	92033	5	45/02	94080	7	14,15,27,29,30,33,44, 48/02			
76141	8	4,14,19,46/02	92060	3	21/02	94082	8	5,13,14,25,27,30,44/02			
76142	1	46/02	92061	3	21/02	94083	12	5,13,17,25,44/02			
76144	1	2,8/02	92110	3	13/02						
76146	1	2/02	92115	1	13,15/02						
76150	6	35/02	92120	3	5/02						

SECTION I

NM 50/02

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 2/02 THROUGH NM 50/02

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
95174	1	17,50/02	97043	2	17,23/02	97273	10	19,27,34,42,45,49/02
95176	2	16,20,31/02	97060	8	9,46/02	97274	19	19,27,31,34,39,45/02
95177	1	18,41,50/02	97062	12	8,9,27,44/02	97276	1	27,29,40/02
95180	11	9,15,17,18,27,40,42,44, 49/02	97064	2	8,9/02	97277	11	10,17,27/02
95185	2	20,31,40,44,49/02	97080	5	9/02	97278	11	39/02
95250	4	12,44/02	97082	5	24,46/02	97279	9	27/02
95255	2	44/02	97083	3	9,24/02	97281	2	41/02
95261	7	48/02	97100	4	20,28,42,47/02	97283	3	45/02
95262	13	41,46/02	97101	1	28/02	97285	6	10,19,23,27,31,34,42/02
95264	8	6,48/02	97104	4	8,10,20/02	97286	6	10,11,21,23,25,27,31,34, 35,36,41,42/02
95267	5	11,17/02	97105	3	8,10,20/02	97287	5	11,34/02
95268	16	39,48/02	97120	6	2,15,22,28,31,37,40,42, 43/02	97300	6	12/02
95270	4	8,48/02	97140	17	2,10,15,22,33,37,39,43, 45/02	97303	3	18,25,47,48/02
95271	4	44,48/02	97141	5	13*,19,21,40,46/02	97320	6	33/02
95273	2	48/02	97143	11	2,21,31,43,45/02	97340	8	27,33,38/02
95274	3	48/02	97144	14	44*,46/02	97341	9	2,27,34/02
95276	3	21,02*	97145	1	2,15,22,43/02	97342	14	27,38/02
95280	9	2,17,48/02	97146	10	44/02*	97343	12	27,38/02
95282	7	46/02	97148	9	21*,23,45/02	97360	6	20,23,27,38/02
95300	5	2,16,45,48/02	97149	20	25,34,35,44,45/02	97380	7	21,39,47/02
95320	15	8,35,38/02	97150	13	34,39,43,44/02	97381	7	27/02
95341	8	8,10,11,18,19,42,47/02	97151	16	31,35,44,45/02	97382	2	41,45/02
95342	16	30/02	97152	8	37/02	97383	16	31/02
96000	5	6,8/02	97153	7	31/02	97384	4	47/02
96004	14	16,17,44,45/02	97154	2	36/02	97385	10	31/02
96012	16	7,8,11/02	97155	14	2,20,31,35,36,37,39,40, 48/02	97389	1	39/02
96016	7	11,12/02	97156	6	2,21,37/02	97390	5	7,31,39,40/02
96020	4	6,7,41/02	97157	1	35,37/02	97391	26	31/02
96024	3	6,7,8/02	97159	6	33,39/02	97392	5	21/02
96028	5	6,7,8/02	97163	14	23/02	97396	14	7,18,21,36,39,40/02
96032	3	38/02	97166	1	33/02	97397	7	3,8,18,25,39,49/02
96039	7	16,17,30/02	97167	2	23,33/02	97398	3	21,25,49/02
96041	11	16,17,30/02	97180	6	8,9,11,22,31,34,39,43,45, 46,48/02	97400	3	25,26/02
96042	11	16/02	97181	20	8,9,11,18,22,25,31,34,46, 48/02	97410	8	11,21/02
96043	8	16/02	97182	13	11,18,21,23,31,34,39,46, 48/02	97412	7	40/02
96044	10	8,29,30/02	97183	9	25,44/02	97420	17	8,9,21,34,39,42,47/02
96120	6	30/02	97184	15	25,28,47/02	97421	13	20,35,36/02
96130	2	9/02	97185	2	43/02	97423	2	20,35,36/02
96140	5	30/02	97187	3	44,48/02	97425	6	10,34,39,47/02
96141	4	9/02	97189	2	25,28,44/02	97440	8	20,23,27/02
96181	5	9/02	97190	2	8,9,22,34,39/02	97441	5	20,46/02
96200	5	8,9/02	97200	9	11/02	97460	7	40/02
96240	4	8,11/02	97202	15	43,44/02	97461	9	4,5,21/02
96300	4	11,12/02	97204	9	2,10,28,29,45/02	97465	9	5,21/02
96320	4	12/02	97206	2	10,12/02	97466	2	5,25,46/02
96340	4	12/02	97207	3	11/02	97469	10	7,26/02
96360	4	12/02	97218	3	10,21,41/02	97471	5	N7,N31/02
96441	1	41/02	97219	4	10,12,21,25,31/02	97472	8	6,7,34/02
96480	3	6,7,8,41/02	97220	3	2,7,8,21,24,31,37,39,42, 43,44/02	97473	7	5/02
96500	6	6,8,41/02	97221	20	2,7,8,10,11,21,24,31,37, 39,42,44,45/02	97474	7	21/02
96521	3	N19/02*	97222	12	11,25,28,47/02	97480	7	12,21,35/02
96640	5	6/02	97223	3	8,42,44,48/02	97481	6	10,47,49/02
96645	1	26/02	97224	6	11,18,25,27,46,47,49/02	97483	7	48/02
96760	4	5,7,29,35,45/02	97225	31	2,7,8,11,21,24,37,39,42, 44,45/02	97521	6	19,42/02
96763	7	29,43,48/02	97226	7	17/02	800669	8	N20/02
96764	2	5,19/02	97227	11	21,24,42,43/02	800744	1	N22,N49/02
96780	4	4,11/02	97228	15	2,21,28,30,39,40,42, 43/02	801217	1	N5,N6,N7,N21/02
96800	4	19*,41/02	97229	12	2,7,8,18,24,27,31,36,39, 47/02	801885	3	N28/02
96820	4	6/02	97230	18	2,29,36/02	801959	2	N10/02
96840	3	6,19/02	97231	10	10,21,41/02	802202	8	N14,N23,N31,N35/02
96860	3	6/02	97232	8	4,15,20,25/02	802260	5	N20/02
96880	6	6,7,8/02	97233	11	31,33,43,44,49/02	803404	2	N26/02
96881	2	7/02	97234	17	29,43,47,49/02	804037	1	N28/02
96882	4	7,8/02	97235	20	31,47/02	804059	2	N20/02
96883	9	7/02	97236	10	31,33/02	804567	4	N17/02
96900	4	5,7/02	97237	12	2,7,8,18,24,27,31,36,39, 47/02	805647	2	N37/02
96901	3	5,7,19,27/02	97238	18	2,28,29,31,33,48/02	807861	2	N27/02
96902	2	5,7,45/02	97239	11	7,17,28,36/02	808528	1	N25/02
96904	2	5,27,41/02	97240	11	20,45/02	809310	9	N13,N18,N39/02
96906	2	27/02	97241	11	21,24,42,43/02	809679	2	N25,N50/02
96910	1	6,7,8/02	97242	11	7,17,28,36/02			
96937	2	40/02	97243	7	43/02			
96938	4	9/02	97244	15	10,17,18,41/02			
96941	8	47/02	97245	11	7,17,28,36/02			
96943	15	44/02	97246	7	43/02			
96944	6	45/02	97247	15	10,17,18,41/02			
96945	3	43/02	97248	10	21,29,34/02			
96949	21	45/02	97249	5	10,17,37,41/02			
96960	3	9/02	97250	12	17,18,25,29,40,41/02			
96962	4	19,30,35/02	97251	6	36,44/02			
97021	7	2,16/02	97252	12	17,18,25,29,37,39/02			
97026	10	23/02	97253	11	19/02			
97029	3	19/02						
97040	5	43,47/02						
97041	9	45,47/02						

SECTION II**NM 50/02****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 5								
53AHA53162 (7642014013045)	<u>Approaches to Pozzuoli and Napoli</u>			7	<u>9/02</u>	A	5-18,42	50/02	
	<u>Panels: A. Golfo di Pozzuoli</u>	15,000							
	<u>B. Rada di Napoli</u>	15,000							
54ACO54279 (7642014006210)	<u>Nisos Kerkyra and Approaches</u>		150,000	4	<u>9/02</u>	A	5-12,43	50/02	
	MISCELLANEOUS CHARTS AND PUBLICATIONS								
RAPUB117 (7642014010071)	<u>Radio Navigational Aids, 2002</u>					GPO	10-24	50/02	
SDPUB173 (7642014009043)	<u>India and the Bay of Bengal (Enroute), 2002</u>					GPO	10-22	50/02	

Price Categories effective 1 October 2002

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

CHS Canadian Hydrographic Service

DS Distribution Limited

GPO Government Printing Office

NOS National Ocean Service

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

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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.

PUB 140 (Continued)

Page 120—Lines 7 to 10/L; read:

- c. 41°10'20"N, 9°30'00"E.
- d. 41°09'46"N, 9°29'16"E.
- e. 41°09'46"N, 9°28'14"E.
- f. 41°10'06"N, 9°28'14"E.

(Ital Annual Notice No. 5 of 2002)

50/02

Page 120—Line 18/L; insert after:

D13—Enclosed by a line joining the following positions:

- a. 37°54'00"N, 11°30'00"E.
- b. 37°54'00"N, 12°00'00"E.
- c. 37°25'00"N, 12°25'00"E.
- d. 37°12'00"N, 13°10'00"E.
- e. 36°35'00"N, 13°10'00"E.
- f. 36°35'00"N, 12°22'00"E.
- g. 36°57'00"N, 12°22'00"E.
- h. 37°11'19"N, 12°08'30"E.
- i. 37°11'19"N, 11°30'00"E.

Regulated air space from the surface up to 2,250m due to intense firing activities. Scheduled continuously from Monday to Friday.

(Ital Annual Notice No. 5 of 2002)

50/02

Page 120—Lines 22/L to 14/R; read:

E321—A circle with a radius of 1.35 miles centered in 36°39'19"N, 15°00'52"E. A lighted buoy is anchored in the center of the zone.**E322**—Enclosed by a line joining the following positions:

- a. 39°46'36"N, 15°47'31"E.
- b. 39°46'37"N, 15°47'45"E.
- c. 39°46'19"N, 15°47'56"E.
- d. 39°46'16"N, 15°47'35"E.

M521—Enclosed by a line joining the following positions:

- a. 37°48'00"N, the coast.
- b. 37°42'00"N, 12°15'00"E.
- c. 37°42'00"N, 12°00'00"E.
- d. 38°08'00"N, 12°00'00"E.
- e. 38°08'00"N, 12°30'00"E.
- f. the coast, 12°30'00"E.

The area is further subdivided into the following zones:

1. Enclosed by the parallels 38°08'00"N and 37°55'00"N and the meridians 12°00'00"E and 12°15'00"E.
2. Enclosed by the parallels 38°08'00"N and 37°55'00"N and the meridians 12°15'00"E and 12°30'00"E.
3. Enclosed by the parallels 37°55'00"N and 37°42'00"N and the meridians 12°00'00"E and 12°15'00"E.
4. Enclosed by a line joining the following positions:
37°48'00"N, the coast.
37°42'00"N, 12°15'00"E.
37°55'00"N, 12°15'00"E.
37°55'00"N, the coast.

Naval units present in this zone may have on their stern equipment for mechanical, or magnetic sweeping or wire guided underwater craft.

M522—Enclosed by a line joining the following positions:

- a. The coast, 15°17'00"E.
- b. 38°14'00"N, 15°17'00"E.
- c. 38°20'00"N, 15°30'00"E.
- d. 38°20'00"N, 15°37'00"E.
- e. The coast, 15°37'00"E.

The area is further subdivided into the following zones enclosed by lines joining the following positions:

- A. The coast, 15°17'00"E.
38°14'00"N, 15°17'00"E.
38°17'12"N, 15°24'00"E.
The coast, 15°24'00"E.
- B. The coast, 15°24'00"E.
38°17'12"N, 15°24'00"E.
38°20'00"N, 15°30'00"E.
The coast, 15°30'00"E.
- C. The coast, 15°30'00"E.
38°20'00"N, 15°30'00"E.
38°20'00"N, 15°37'00"E.
The coast, 15°37'00"E.

(Ital Annual Notice No. 5 of 2002)

50/02

Page 120—Line 22/R; insert after:

Regulated air space from the surface up to ceiling unlimited due to intense air-to-ground firing.

(Ital Annual Notice No. 5 of 2002)

50/02

Page 120—Lines 29 to 31/R; read:

T822—Enclosed by the parallels 37°11'00"N and 36°51'00"N, and the meridians 15°25'00"E and 15°53'00"E.**T823**—Enclosed by the parallels 37°25'00"N and

(Ital Annual Notice No. 5 of 2002)

50/02

Page 121—Lines 16 to 32/L; read:

* Enclosed by a line joining the following positions:

- a. 37°05'06"N, 14°11'12"E.
- b. 37°02'35"N, 14°11'12"E.
- c. 37°02'35"N, 14°12'36"E.
- d. 37°04'36"N, 14°12'36"E.

Firing range facing the sea for firing practice with small arms.

* Enclosed by a line joining the following positions:

- a. 38°10'30"N, 16°15'43"E.
- b. 38°13'03"N, 16°15'10"E.
- c. 38°13'24"N, 16°15'30"E.
- d. 38°13'00"N, 16°18'38"E.
- e. 38°11'35"N, 16°17'50"E.

Firing range facing the sea for firing practice with small arms.

* Enclosed by a line joining the following positions:

- a. 36°49'26"N, 12°00'43"E.
- b. 36°49'22"N, 12°00'23"E.
- c. 36°50'20"N, 11°59'15"E.
- d. 36°50'13"N, 12°01'02"E.

SECTION II

NM 50/02

PUB 140 (Continued)

Firing range facing the sea for firing practice with small arms. (Ital Annual Notice No. 5 of 2002)	50/02	Page 122—Line 30/L; read: M532 —Enclosed by a line joining the following (Ital Annual Notice No. 5 of 2002)	50/02
Page 121—Lines 4 to 16/R; read: e. 40°00'04"N, 17°00'00"E.		Page 122—Line 39/L; read: M533 —Enclosed by a line joining the following (Ital Annual Notice No. 5 of 2002)	50/02
D28/B —Enclosed by a line joining the following positions: a. 40°10'00"N, 17°30'00"E. b. 40°02'00"N, 17°37'00"E. c. 39°50'00"N, 17°37'00"E. d. 39°50'00"N, 17°17'00"E.		Page 122—Line 48/L; read: M534 —Enclosed by a line joining the following (Ital Annual Notice No. 5 of 2002)	50/02
E332 —Enclosed by a line joining the following (Ital Annual Notice No. 5 of 2002)	50/02	Page 122—Line 13/R; insert after: P55 —Enclosed by a line joining the following positions: a. 40°25'31"N, 18°15'30"E. b. 40°30'20"N, 18°16'30"E. c. 40°29'25"N, 18°19'03"E. d. 40°27'45"N, 18°20'58"E. e. 40°25'55"N, 18°22'28"E. f. 40°23'05"N, 18°23'18"E. g. 40°23'54"N, 18°17'30"E. (Ital Annual Notice No. 5 of 2002)	50/02
Page 121—Line 22/R; read: E333 —Enclosed by a line joining the following (Ital Annual Notice No. 5 of 2002)	50/02	Page 122—Lines 23 to 30/R; strike out. (Ital Annual Notice No. 5 of 2002)	50/02
Page 121—Line 30/R; read: E334 —Enclosed by a line joining the following (Ital Annual Notice No. 5 of 2002)	50/02	Page 122—Lines 38 to 42/R; strike out. (Ital Annual Notice No. 5 of 2002)	50/02
Page 121—Lines 37 to 46/R; read: E335 —Enclosed by the parallels 40°48'00"N, and 40°59'00"N, the meridians 13°48'00"E, and the coast.		Page 122—Lines 50 to 52/R; read: g. 40°15'00"N, 17°34'00"E. Regulated air space from surface to 7,400m (hazardous outside territorial waters) due to firing exercise.	
E336 —Enclosed by a line joining the following positions: a. 39°46'36"N, 15°47'31"E. b. 39°46'37"N, 15°47'45"E. c. 39°46'19"N, 15°47'56"E. d. 39°46'16"N, 15°47'35"E.		T831 —Enclosed by a line joining the following (Ital Annual Notice No. 5 of 2002)	50/02
E337 —Enclosed by a line joining the following (Ital Annual Notice No. 5 of 2002)	50/02	Page 123—Line 8/L; read: T833 —Enclosed by a line joining the following (Ital Annual Notice No. 5 of 2002)	50/02
Page 122—Line 1/L; read: E338 —Enclosed by a line joining the following (Ital Annual Notice No. 5 of 2002)	50/02	Page 123—Line 8/L; read: T832 —Enclosed by the parallels 39°58'00"N and (Ital Annual Notice No. 5 of 2002)	50/02
Page 122—Line 10/L; read: E339 —Enclosed by a line joining the following (Ital Annual Notice No. 5 of 2002)	50/02	Page 123—Line 14/L; read: T834 —Enclosed by a line joining the following (Ital Annual Notice No. 5 of 2002)	50/02
Page 122—Line 17/L; read: E3310 —Enclosed by a line joining the following (Ital Annual Notice No. 5 of 2002)	50/02	Page 123—Lines 20 to 26/L; read: The area is further subdivided into the following zones: A. 40°03'00"N, 17°13'00"E. 39°52'00"N, 17°38'00"E. 39°47'00"N, 17°38'00"E. 39°47'00"N, 17°13'00"E.	
Page 122—Line 24/L; read: M531 —Enclosed by a line joining the following (Ital Annual Notice No. 5 of 2002)	50/02		

PUB 140 (Continued)

B. Enclosed by the parallels 39°47'00"N and 39°34'00"N and the meridians 17°13'00"E and 17°38'00"E.		E341 —Enclosed by the parallel 42°07'00"N, the coast, and the meridians 14°44'00"E and 14°47'00"E.	
T835 —Enclosed by a line joining the following (Ital Annual Notice No. 5 of 2002)	50/02	E342 —Enclosed by a line joining the following (Ital Annual Notice No. 5 of 2002)	50/02
Page 123—Line 31/L; read:		Page 123—Lines 31 to 33/R; read:	
T836 —Enclosed by a line joining the following (Ital Annual Notice No. 5 of 2002)	50/02	E343 —Enclosed by the parallels 43°50'00"N and 43°53'00"N, and the meridians 13°02'00"E and 13°06'00"E.	
Page 123—Lines 38 to 40/R; read:		E344 —Enclosed by the parallel 43°58'25"N, the (Ital Annual Notice No. 5 of 2002)	50/02
E345 —Enclosed by the parallels 44°01'00"N and 44°02'00"N, the meridian 12°44'00"E, and the coast.		Page 123—Line 47/R; read:	
E346 —Enclosed by a line joining the following (Ital Annual Notice No. 5 of 2002)	50/02	f. 44°39'00"N, 12°15'00"E. (Ital Annual Notice No. 5 of 2002)	50/02
Page 123—Lines 40 to 41/L; read:		Page 124—Lines 3 to 4/L; read: Friday and from 0700 to 1200 each Saturday.	
c. 41°24'00"N, 16°20'00"E. d. 41°22'00"N, 16°20'00"E. (Ital Annual Notice No. 5 of 2002)	50/02	E347 —Enclosed by a line joining the following (Ital Annual Notice No. 5 of 2002)	50/02
Page 123—Lines 45 to 48/L; read:		Page 124—Line 11/L; read:	
b. 40°22'30"N, 17°11'30"E. c. 40°21'42"N, 17°12'42"E. d. 40°21'32"N, 17°14'30"E. e. 40°22'00"N, 17°16'00"E. f. 40°24'05"N, 17°14'10"E.		E348 —Enclosed by a line joining the following (Ital Annual Notice No. 5 of 2002)	50/02
Firing range facing the sea for firing practice with small arms. (Ital Annual Notice No. 5 of 2002)	50/02	Page 124—Line 17/L; read:	
		E349 —Enclosed by the parallels 45°39'00"N and (Ital Annual Notice No. 5 of 2002)	50/02
Page 123—Line 2/R; insert after: Firing range facing the sea for firing practice with small arms. (Ital Annual Notice No. 5 of 2002)	50/02	Page 124—Line 28/L; read:	
		M541 —Enclosed by a line joining the following (Ital Annual Notice No. 5 of 2002)	50/02
Page 123—Line 9/R; insert after: Firing range facing the sea for firing practice with small arms.		Page 124—Line 53/L; insert after: 43°45'18"N, 13°23'36"E. (Ital Annual Notice No. 5 of 2002)	50/02
R88A —Enclosed by a line joining the following positions:		Page 124—Lines 4 to 6/R; read:	
a. 40°35'30"N, 17°56'00"E. b. 40°40'45"N, 18°05'43"E. c. 40°35'40"N, 18°09'58"E. d. 40°31'00"N, 17°59'00"E.		M542 —Enclosed by a line joining the following positions: a. 43°38'20"N, 13°31'26"E. (Ital Annual Notice No. 5 of 2002)	50/02
Regulated air space from surface to 3,500m (hazardous outside territorial waters) due to firing exercises. (Ital Annual Notice No. 5 of 2002)	50/02	Page 124—Line 13/R; read:	
		M543 —Enclosed by a line joining the following (Ital Annual Notice No. 5 of 2002)	50/02
Page 123—Lines 16 to 25/R; read: Hazardous air space from surface to 10,600m due to firing practice. In operation 24 hours.		Page 124—Line 22/R; read:	
		M544 —Enclosed by the parallels 43°47'00"N and (Ital Annual Notice No. 5 of 2002)	50/02
		Page 124—Lines 27 to 29/R; read:	
		T841 —Enclosed by the parallels 43°47'00"N and	

PUB 140 (Continued)

43°37'00"N, and the meridians 13°33'00"E and 13°50'00"E.

T842—Enclosed by a line joining the following
(*Ital Annual Notice No. 5 of 2002*) 50/02

Page 132—Lines 4 to 26/R; read:

S721—Enclosed by the parallels 37°25'N and 37°20'N, and the meridians 15°08'E and 15°19'E.

S722—Enclosed by the parallels 37°15'N and 37°25'N, and the meridians 15°25'E and 15°55'E.

S723—Enclosed by the parallels 36°45'N and 37°08'N, and the meridians 15°25'E and 16°10'E.

S731—Enclosed by the parallels 40°00'N and 40°18'N, and the meridians 16°51'E and 17°09'E.

The area is further subdivided, as follows:

A. Enclosed by the parallels 40°00'00"N and 40°18'00"N and the meridians 16°51'00"E and 17°00'00"E.

B. Enclosed by the parallels 40°00'00"N and 40°18'00"N and the meridians 17°00'00"E and 17°09'00"E.

S732—Enclosed by a line joining the following positions:

- a. 40°29'30"N, 17°00'30"E.
- b. 40°28'00"N, 17°02'30"E.
- c. 40°26'50"N, 17°01'00"E.
- d. 40°28'30"N, 16°59'00"E.

S733—Enclosed by a line joining the following positions:

- a. 40°00'00"N, 16°51'00"E.
- b. 40°00'00"N, 17°54'00"E.
- c. 39°39'00"N, 17°54'00"E.
- d. 39°34'00"N, 17°38'00"E.
- e. 39°34'00"N, 17°00'00"E.
- f. 39°40'00"N, 16°51'00"E.

The area is further subdivided into the following zones enclosed by lines joining the following positions:

- A. 40°00'00"N, 16°51'00"E.
40°00'00"N, 17°13'00"E.
39°40'00"N, 17°13'00"E.
39°40'00"N, 16°51'00"E.

B. Enclosed by the parallels 40°00'00"N and 39°34'00"N and the meridians 17°13'00"E and 17°38'00"E.

- C. 40°00'00"N, 17°38'00"E.
40°00'00"N, 17°54'00"E.
39°39'00"N, 17°54'00"E.
39°39'00"N, 17°38'00"E.
- D. 39°40'00"N, 16°51'00"E.
39°40'00"N, 17°13'00"E.
39°34'00"N, 17°13'00"E.
39°34'00"N, 17°00'00"E.

(*Ital Annual Notice No. 5 of 2002*) 50/02

PUB 154 **8 Ed 2002** **LAST NM 48/02**
Page 65—Line 1/L; read:
ledge is not recommended. Several wrecks, with least known depths of as little as 11.5m, lie in the passage. A light is shown from a structure
(Can NM 8W/3458/02) 50/02

PUB 173 **7 Ed 2002** **NEW EDITION**
(NIMA) 50/02

PUB 180 **3 Ed 2002** **LAST NM 48/02**
Page 50—Lines 6 to 9/L; read:
P.O. Box 189
Iqaluit, Nunavut X0A 0H0
Telephone: (819) 979-5724 or (819) 979-5769
Facsimile: (819) 979-4236 or (819) 979-4264
(Can Annual Notice No. 6 of 2002) 50/02

PUB 191 **9 Ed 2000** **LAST NM 42/02**
Page 115—Line 20/L; read:
(on Ridens de la Rade). Vessels are recommended not to sail closely along the N edge of the Approach Channel.
(Fr NM 15/02) 50/02

COAST PILOT CORRECTIONS**COAST PILOT 8** **24 Ed 2002** **LAST NM 47/02**

Note.—An error was contained in NIMA Notice to Mariners 46/02. The correction titled **COAST PILOT 8 Change No. 7** is an incorrect entry and should be disregarded. This correction, which should have been titled **COAST PILOT 9 Change No. 7**, is given below.

(NIMA) 50/02

COAST PILOT 9 **20 Ed 2002** **Change No. 7**
LAST NM 45/02

Page 54—Paragraph 550, lines 8 to 10; read:
Capitol Street, NW., suite 700, Washington, DC, and at the Office of Vessel Traffic Management (G-MWV), 2100 Second Street, SW., Washington, ...
(FR 6/18/2002; 33 CFR 164.03) 50/02

Page 71—Paragraph 1174, line 3; read:
11 (e)(4)(B) of the Act.

PART 224—Endangered Marine and Anadromous Species**§224.103 Special prohibitions for endangered marine mammals.**

(c) *Approaching humpback whales in Alaska*—(1) *Prohibitions.* Except as provided under paragraph (b)(2) of this section, it is unlawful for any person subject to the jurisdiction of the United States to commit, to attempt to commit, to

COAST PILOT 9 (Continued)

solicit another to commit, or cause to be committed, within 200 nautical miles (370.4 km) of Alaska, or within inland waters of the state, any of the acts in paragraphs (b)(1)(i) through (b)(1)(iii) of this section with respect to humpback whales (*Megaptera novaeangliae*):

(i) Approach, by any means, including by interception (i.e., placing a vessel in the path of an oncoming humpback whale so that the whale surfaces within 100 yards (91.4 m) of the vessel), within 100 yards (91.4 m) of any humpback whale;

(ii) Cause a vessel or other object to approach within 100 yards (91.4 m) of a humpback whale; or

(iii) Disrupt the normal behavior or prior activity of a whale by any other act or omission, as described in paragraph (a)(4) of this section.

(2) *Exceptions.* The following exceptions apply to this paragraph (b), but any person who claims the applicability of an exception has the burden of proving that the exception applies:

(i) Paragraph (b)(1) of this section does not apply if an approach is authorized by the National Marine Fisheries Service through a permit issued under part 222, subpart C, of this chapter (General Permit Procedures) or through a similar authorization.

(ii) Paragraph (b)(1) of this section does not apply to the extent that a vessel is restricted in her ability to maneuver and, because of the restriction, cannot comply with paragraph (b)(1) of this section.

(iii) Paragraph (b)(1) of this section does not apply to commercial fishing vessels lawfully engaged in actively setting, retrieving or closely tending commercial fishing gear. For purposes of this paragraph (b), commercial fishing means taking or harvesting fish or fishery resources to sell, barter, or trade. Commercial fishing does not include commercial passenger fishing operations (i.e. charter operations or sport fishing activities).

(iv) Paragraph (b)(1) of this section does not apply to state, local, or Federal government vessels operating in the course of official duty.

(v) Paragraph (b)(1) of this section does not affect the rights of Alaska Natives under 16 U.S.C. 1539(e).

(vi) These regulations shall not take precedence over any more restrictive conflicting Federal regulation pertaining to humpback whales, including the regulations at 36 CFR 13.65 that pertain specifically to the waters of Glacier Bay National Park and Preserve.

(3) *General measures.* Notwithstanding the prohibitions and exceptions in paragraphs (b)(1) and (2) of this section, to avoid collisions with humpback whales, vessels must operate at a slow, safe speed when near a humpback whale. "Safe speed" has the same meaning as the term is defined in 33 U.S.C. 2006 and the International Regulations for Preventing Collisions at Sea 1972 (see 33 U.S.C. 1602), with respect to avoiding collisions with humpback

whales.
(FR 5/31/01)

50/02

Page 132—Paragraph 845, lines 4 to 8; read:
into upper and lower mooring basins and in May 2002, the controlling depth was 10 feet (15 feet at midchannel) in the entrance channel; thence 11.8 feet in the lower basin and 12.9 feet in the upper basin. A light marks a submerged jetty S of the entrance.

(34/95 CG17; BPs 178434-35;
LL/02; NOS 16682) 50/02

RADIO NAVIGATIONAL AIDS CORRECTIONS

PUB 117	Ed 2002	NEW EDITION
	(NIMA)	50/02

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
4025	Compass Island Ledge Buoy DCL East of ledge.					Black and red with two black spherical topmarks.	
	*				*		50/02
7365	Sturdivant Island Ledges Buoy SI					Green can with red bands.	
	*						50/02
10580	WHITE ROCKS LIGHT 7 125 feet outside channel limit.	42 25 34 N 70 57 14 W	Fl G 2.5s	49	7	SG on multi-pile.	Higher intensity beam up and down channel.
					*		50/02
10585	BLACK ROCKS LIGHT 9	42 25 59 N 70 56 53 W	Fl G 6s	49	7	SG on multi-pile.	Higher intensity beam up and down channel.
					*		50/02
10595	SANDY POINT LIGHT 11 75 feet outside channel limit.		Fl G 2.5s	45	7	SG on multi-pile.	Higher intensity beam up and down channel.
					*		50/02
*Delete Heading: *Spectacle Island Channel							
11346	Western Way Anchorage South Lighted Buoy S						Remove from list.
							*
11347	Western Way Anchorage North Lighted Buoy N						Remove from list.
							*
*Add Heading: *Spectacle Island Channel							
*11349	Boston Light Station Mooring Buoy					White and blue.	
							50/02
21888	Electric Boat Security Zone Lighted Buoy C		Fl W 4s	2		White with orange bands and diamond.	Marks restricted area.
							50/02
21911	Electric Boat Security Zone Lighted Buoy I		Fl W 4s	2		White with orange bands and diamond.	Marks restricted area.
							50/02

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
1750	- Wreck Buoy WR16	39 14 07 N 75 01 34 W				Red nun.	
	*						50/02

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

SECTION II

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

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
1955	Fortescue Creek Lighted Buoy 2F		Fl R 4s		4	Red.	Replaced by nun from Nov. 15 to Apr. 1. 50/02
				*			
1970	NANTUXENT POINT LIGHT	39 16 39 N 75 14 40 W	Fl W 4s		33	7 NR on skeleton tower.	
		*					50/02
1985	Back Creek Buoy 8 Marks shoal.	39 17 23 N 75 18 41 W				Red nun.	
		*					50/02
2015	Arnold Point Shoal Buoy 2 At edge of 5 foot spot.	39 20 48 N 75 25 05 W				Red nun.	
		*					50/02

DELAWARE BAY (Chart 12304)

Delaware Bay (West Side)

Tanker Anchorage

2180	- Approach Lighted Buoy A	38 53 50 N 75 08 09 W	Fl Y 2.5s		6	Yellow.	Replaced by LIB when endangered by ice. 50/02
		*					
2250	Old Bare Shoal Buoy A					Red and white stripes.	
					*		50/02
2255	Cedar Beach Buoy 3	38 57 34 N 75 15 50 W				Green can.	
		*					50/02
2275	- NORTH JETTY LIGHT 2	38 56 14 N 75 17 53 W	Fl R 4s		30	6 TR on skeleton tower.	Higher intensity beam on 240°. 50/02
		*					
2295	Old Bare Shoal Buoy B					Red and white stripes.	
					*		50/02
2835	New Castle Range Lighted Gong Buoy 7N	39 36 28 N 75 34 33 W	Fl G 2.5s		4	Green.	Replaced by can when endangered by ice. 50/02
		*					

WILMINGTON TO PHILADELPHIA (Chart 12312)

Cherry Island Flats

3050	- East Channel Buoy 1 Marks lower eastern end of extending shoal.	39 43 07 N 75 30 02 W				Green can.	
		*					50/02

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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
3260	<i>Eddystone Range Lighted Buoy 1E</i> 50 feet outside channel limit.		Fl G 2.5s		4	Green.	Replaced by LIB of lower intensity when endangered by ice.
	*						50/02
3550	Big Timber Creek Channel Buoy 2	39 53 11 N 75 08 07 W				Red nun.	
	*						50/02
3585	BACK CHANNEL LIGHT 1	39 57 30 N 75 06 28 W	Fl G 2.5s	15	3	SG on pile.	
	*						50/02
3620	- <i>Lighted Buoy 52</i> 50 feet outside channel limit.	39 58 27 N 75 05 42 W	Fl R 2.5s		4	Red.	Replaced by LIB of reduced intensity when endangered by ice.
	*					*	50/02
3760	- Daybeacon	40 03 10 N 74 58 31 W				NW on skeleton tower worded DANGER SUBMERGED ROCK.	
	*						50/02
3955	- <i>Channel Lighted Buoy 43</i>	40 05 00 N 74 51 52 W	Q G		4	Green.	Replaced by can when endangered by ice.
	*						50/02
4035	- <i>Channel Lighted Buoy 53</i>	40 06 19 N 74 50 12 W	Q G		3	Green.	Replaced by can when endangered by ice.
	*						50/02
4070	- <i>Channel Lighted Buoy 58</i>	40 07 35 N 74 49 22 W	Fl R 2.5s		4	Red.	Replaced by nun when endangered by ice.
	*						50/02
4155	- <i>Channel Lighted Buoy 71</i>	40 07 21 N 74 46 51 W	Q G		4	Green.	Replaced by smaller LIB of reduced intensity from Dec. 15 to Mar. 15.
	*						50/02
Indian River Channel							
<i>Buoys maintained from May 1 to Nov. 15.</i>							
4490	- Buoy 20	38 36 24 N 75 06 40 W				Red nun.	
	*						50/02
4500	- Buoy 24	38 35 51 N 75 08 29 W				Red nun.	
	*						50/02
4505	- Buoy 26	38 35 45 N 75 09 27 W				Red nun.	
	*						50/02

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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
4515	- Buoy 30 Marks channel to Millsboro.	38 35 23 N 75 11 39 W				Red nun.	
		*					50/02
4525	- Buoy 32	38 35 32 N 75 12 32 W				Red nun.	
		*					50/02
4530	- Buoy 34	38 35 26 N 75 12 44 W				Red nun.	
		*					50/02
4755	- Lighted Buoy 11	38 19 37 N 75 05 45 W	Fl G 2.5s		4	Green.	
		*					50/02
5000	- Daybeacon 2	38 19 29 N 75 05 57 W				TR on pile.	
		*					50/02
5295	- Lighted Buoy 5		Fl G 2.5s		3	Green.	
			*				50/02
6625	- Entrance Lighted Buoy 5		Fl G 2.5s		3	Green.	Replaced by can when endangered by ice.
		*					50/02
6635	- Lighted Buoy 7		Fl G 4s		4	Green.	
		*					50/02
6715	- Lighted Buoy 6						Remove from list.
			*				50/02
6720	- Buoy 7					Green can.	
		*					50/02
6740	QUINBY CHANNEL LIGHT 4		Fl R 4s	15	3	TR on pile.	Light equipment removed when endangered by ice.
			*		*		50/02
7220	Chesapeake Bay Buoy 36A	37 15 05 N 76 03 55 W				Red nun.	
		*					50/02
7235	Chesapeake Bay Buoy 38A	37 19 14 N 76 02 54 W				Red nun.	
		*					50/02

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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
7250	Chesapeake Bay Buoy 40A	37 23 06 N 76 01 58 W				Red nun.	
		*					50/02
7270	Chesapeake Bay Buoy 41A	37 29 37 N 76 11 11 W				Green can.	
		*					50/02
7280	Chesapeake Bay Buoy 42A	37 27 27 N 76 00 55 W				Red nun.	
		*					50/02
7285	- <i>Mid Channel Lighted Whistle Buoy CB</i>	37 30 01 N 76 02 36 W	Mo (A) W		6	Red and white stripes.	Replaced by nun when endangered by ice.
		*					50/02
8370	- <i>Lighted Buoy 7</i>	39 06 35 N 76 18 18 W	Fl G 6s		5	Green.	Replaced by LIB of lower intensity from Dec. 1 to Mar. 15.
					*		50/02
10060 36910	- Turning Basin Daybeacon A 50 feet outside channel.					NB on pile.	
		*					50/02
10065 36915	- Turning Basin Daybeacon B 50 feet outside channel limit.					NB on pile.	
		*					50/02
15385	Mulberry Creek Entrance Warning Daybeacon	37 46 51 N 76 37 55 W				NW on pile worded DANGER SUBMERGED ROCKS.	
		*					50/02
19895	- ENTRANCE LIGHT 5		Fl G 4s	15	3	SG on pile.	
					*		50/02
28400	- CHANNEL LIGHT 10		Fl R 4s	15	3	TR on pile.	Light equipment removed when endangered by ice.
					*		50/02
*31048	- Buoy 12A					Red nun.	
							50/02
Albemarle Sound							
31630	- LIGHT 2AS	36 03 20 N 76 18 33 W	Q R		16	3	TR on multi-pile structure.
		*			*		
32155	- ENTRANCE LIGHT 3		Fl G 4s	15	4	SG on multi-pile structure.	
					*		50/02

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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
36910 10060	- Turning Basin Daybeacon A 50 feet outside channel limit.				NB on pile.		
	*						50/02
36915 10065	- Turning Basin Daybeacon B 50 feet outside channel limit.				NB on pile.		
	*						50/02
37765	- LIGHT 157		Fl G 4s	15	4	SG-SY on multi-pile structure.	
				*			50/02
37785	- LIGHT 164		Q R	15	3	TR-TY on pile.	
				*	*		50/02
39655	- LIGHT 137		Fl G 4s	15	3	SG-SY on pile.	
				*			50/02

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
1910	- RANGE B FRONT LIGHT	33 11 54 N 79 10 54 W	Q G	22		KRW on dolphin.	Visible 1.5° each side of rangeline.
				*			*
							50/02
1915	- RANGE B REAR LIGHT 381 yards, 284.8° from front light.		Iso G 6s	44		KRW on skeleton tower on piles.	Visible 1.5° each side of rangeline.
				*			*
							50/02
St. Johns River							
9420	- Lighted Buoy WR2		Q R		3	Red.	
	*	*	*	*		*	
							50/02
11505	KEY LARGO LIGHT 32	25 10 37 N 80 20 22 W	Fl R 2.5s	16	3	TR on pile.	
	*						50/02
Chokoloskee Bay Channel							
16065	- Daybeacon 24	25 50 21 N 81 24 28 W				TR on pile.	
	*						50/02
30770	- Lighted Buoy 4		Fl R 6s		3	Red.	
			*				50/02
30775	- Lighted Buoy 5	18 28 10 N 66 07 38 W	Fl G 6s		3	Green.	
			*				50/02

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Denotes a new entry when preceding the station number.

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
31065	- RANGE REAR LIGHT 502 yards, 109.9° from front light.		Oc G 4s	83		KRW on tower.	Visible 2° each side of rangeline. *
							50/02
32035	- Buoy 7						<i>Remove from list.</i>
							*
37485	- Cut Daybeacon A22	30 57 41 N 81 30 33 W				TR-TY on pile.	50/02
							*

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
5255	MOBILE BAY LIGHT	30 26 12 N 88 00 42 W	FIR 6s	48	4	On building on piles.	
							*
							50/02
8805	- Daybeacon 6					TR on pile.	Ra ref.
							*
							50/02
17637	Grand Bayou Dularge Obstruction Buoy WR2						<i>Remove from list.</i>
							*
							50/02
*17637.2	BAYOU GRAND DULARGE OBSTRUCTION LIGHT WR2	29 11 39 N 90 58 18 W	Q R	17	3		
							50/02
*17637.4	Bayou Grand Dularge Buoy 3	29 11 58 N 90 57 33 W				Green can.	
							50/02
*17637.6	BAYOU GRAND DULARGE OBSTRUCTION LIGHT WR4	29 12 55 N 90 56 58 W	Q R	17	3		
							50/02
17638	Grand Bayou Dularge Wreck Buoy WR4						<i>Remove from list.</i>
							*
							50/02
17640	CAILLOU LAKE LIGHT 2						<i>Remove from list.</i>
							*
							50/02

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
*4480	- Lighted Mooring Buoy A	37 49 42 N 122 21 06 W	Fl W 2s				Private aid. 50/02
*4480.1	- Lighted Mooring Buoy B	37 49 58 N 122 21 13 W	Fl W 2s				Private aid. 50/02
*4480.2	- Lighted Mooring Buoy C	37 50 11 N 122 21 27 W	Fl W 2				Private aid. 50/02
*4480.3	- Lighted Mooring Buoy D	37 50 23 N 122 21 38 W	Fl W 2s				Private aid. 50/02
24280	THREE HILL ISLAND LIGHT	58 09 13 N 136 23 05 W	Fl W 4s	80	7	NR on skeleton tower.	Obscured from 090° to 289°. * 50/02

Agat Small Boat Harbor

30811.1	- Entrance Lighted Buoy 1	13 21 58 N 144 38 39 E	Q G	4	Green.	*	50/02
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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
*2515	Youngstown Safe Boating Zone Lighted Float A	43 15 17 N 79 03 19 W	Q Y			4x8 foot yellow float displaying two 34x12 inch sign boards.	Maintained from May 1 to Nov. 1. Private aid. 50/02
*2516	Youngstown Safe Boating Zone Lighted Float B	43 14 41 N 79 03 17 W	Q Y			4x8 foot yellow float displaying two 34x12 inch sign boards.	Maintained from May 1 to Nov. 1. Private aid. 50/02
*2517	Youngstown Safe Boating Zone Lighted Float C	43 14 16 N 79 03 19 W	Q Y			4x8 foot yellow float displaying two 34x12 inch sign boards.	Maintained from May 1 to Nov. 1. Private aid. 50/02
*16536	TWIN POINTS PROTECTED ACCESS LIGHT	47 09 55 N 91 25 30 W	F R	14 4		On galvanized pipe.	Maintained from May 1 to Nov. 1. Private aid. 50/02

SOUTH HAVEN TO STONY LAKE (Chart 14906)

Saugatuck

19445	- SOUTH PIERHEAD LIGHT	42 40 36 N 86 12 54 W	Fl R 4s	30 9	7	Cylindrical structure with red band.	HORN: 1 blast ev 15s (2s b). Maintained from Apr. 15 to Nov. 15. Operates by keying microphone 5 times on VHF channel 15. * * * 50/02
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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
19450	- NORTH PIERHEAD LIGHT		Fl G 4s	30 9	5	Cylindrical structure with green band.	*

50/02

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SECTION II

CORRECTIONS TO PUB 110, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
15719.5 - S. side. J 4441.62		20° 35.0' N 87° 06.0' W	Fl.R. period 5s	*	*	*	*

50/02

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
2408 -Muelle Mardones. G 1435.4		53° 07.5' S 70° 51.5' W	Fl.G. period 5s	26 8	5	Green round pillar; 10.	Visible 138°-014°.
		*					50/02
5864 Coolangatta AVIATION LIGHT. K 2847		28° 09.0' S 153° 30.6' E	Al.Fl.W.G. period 7.4s fl. 0.2s, ec. 3.5s fl. 0.2s, ec. 3.5s	61 19	W. 28 G. 24		
		*					*
							50/02
8112 Margaret Brock Reef. K 2122.1		36° 57.1' S 139° 35.7' E	Fl.W. period 5s	56 17	10	White fiberglass hut with platform on white pile.	Radar reflector.
*	*	*		*	*	*	*
							50/02
8776 Evans Island. K 1820		32° 22.7' S 133° 28.7' E	Fl.W. period 5s	130 40	17	White hut; 9.	
*	*	*		*			50/02
10276 -AVIATION LIGHT. K 3026		21° 10.1' S 149° 11.0' E	Al.Fl.W.G. period 7s	55 17	12	Steel tower; 53.	F.R. lights on tower 3.1 miles NNW.
							*
							50/02
11556 -Green Island. G 5814		54° 34.1' N 130° 42.4' W	Fl.W. period 5s	63 19	16	White tower; 35.	Operates at night only. Emergency light.
				*			
							50/02
11748 Lawyer Islands. G 5770		54° 06.8' N 130° 20.6' W	Fl.W. period 5s	126 38	16	Square skeleton tower; 65.	Obscured 321°-322° and 324°-326°.
				*	*		
							50/02
14536 Arroyo Conejo. G 3591.7		24° 04.5' N 111° 00.0' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	56 17	10	Truncated pyramidal metal tower; 46.	
				*			
							50/02
14538 Punta Marguis. G 3591.6		23° 57.5' N 110° 52.3' W	Fl.W. period 6s fl. 1s, ec. 5s	39 12	10	Truncated pyramidal metal tower; 39.	
				*			
							50/02

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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
14540 <i>G 3591.5</i>	Los Inocentes.	23° 46.0' N 110° 40.7' W	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	43 13	10	Truncated pyramidal aluminum tower; 25.	*
14544 <i>G 3591</i>	Todos Santos.	23° 26.9' N 110° 14.6' W	Fl.W. period 6s fl. 1s, ec. 5s	43 13	10	White round concrete tower, black bands; 33.	*
14548 <i>G 3586</i>	Cabo Falso.	22° 52.7' N 109° 57.6' W	Fl.W. period 6s	623 190	25	Red hexagonal tower, white bands; 20.	Visible 270°-130°.
RACON			F(• - -)		20		*
14549 <i>G 3589.1</i>	-N. breakwater.	22° 52.9' N 109° 54.3' W	Fl.R. period 5s fl. 0.5s, ec. 4.5s	52 16	10	Truncated pyramidal metal tower; 46.	*
14550 <i>G 3589.2</i>	-S. breakwater.	22° 52.8' N 109° 54.3' W	Fl.G. period 5s fl. 0.5s, ec. 4.5s	52 16	10	Truncated pyramidal metal tower; 46.	*
14553 <i>G 3590</i>	-Cabo San Lucas Range, front.	22° 52.8' N 109° 54.7' W	Fl.W. period 3s fl. 1s, ec. 2s	85 26	20	Tower on roof of hotel.	*
14554 <i>G 3590.1</i>	--Rear, about 290 meters from front.	22° 52.8' N 109° 54.9' W	Iso.W. period 2s	125 38	12	Truncated pyramidal metal tower; 26.	*
14556 <i>G 3585</i>	Cabeza Ballena.	22° 54.2' N 109° 50.6' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	131 40	11	White round concrete tower; 33.	*
14560 <i>G 3584</i>	San Jose del Cabo.	23° 03.8' N 109° 39.9' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	118 36	12	White concrete tower, red bands, dwelling; 33.	*
14564 <i>G 3582</i>	Boca del Tule.	23° 14.2' N 109° 26.3' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	102 31	10	Red truncated pyramidal metal tower; 33.	*

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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
14568 <i>G 3580</i>	Punta Arena, Sur.	23° 33.3' N 109° 28.3' W	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	66 20	12	White truncated conical concrete tower, black bands; 39.	Visible 150°-324°.
	*			*			50/02
14577 <i>G 3576.3</i>	-S. point.	24° 08.2' N 109° 47.5' W	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	69 21	9	Truncated pyramidal metal tower; 23.	
				*			50/02
14580 <i>G 3577</i>	Bahia la Ventana, S. of Punta Gorda.	24° 06.8' N 109° 59.8' W	Fl.W. period 6s fl. 1s, ec. 5s	59 18	11	White truncated pyramidal metal tower; 36.	
				*			50/02
14584 <i>G 3576.6</i>	Isla de la Reina (Seal Rock).	24° 26.3' N 109° 57.5' W	Fl.W. period 6s fl. 1s, ec. 5s	46 14	9	White round metal tower; 24.	
				*			50/02
14588 <i>G 3570</i>	Punta Prieta.	24° 13.2' N 110° 18.7' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	98 30	16	White square masonry tower, on roof of dwelling; 66.	Visible 290°-148°.
				*			50/02
14592 <i>G 3569</i>	Roca Lobos.	24° 17.9' N 110° 20.8' W	Fl.W. period 6s fl. 1s, ec. 5s	43 13	10	White truncated pyramidal metal tower; 30.	
				*			50/02
14712 <i>G 3553.5</i>	-Island, S. side.	27° 26.0' N 111° 54.0' W	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	79 24	10	Truncated pyramidal aluminum tower; 30.	
				*			50/02
14718 <i>G 3550</i>	Bahia de San Francisquito.	28° 26.1' N 112° 54.1' W	Fl.W. period 6s fl. 1s, ec. 5s	46 14	10	Concrete tower; 33.	
				*			50/02
14719 <i>G 3549</i>	Isla San Lorenzo.	28° 35.2' N 112° 46.0' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	46 14	10	Concrete tower; 33.	
				*			50/02

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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
14726 <i>G 3547.6</i>	Punta Arenas.	28° 57.3' N 113° 32.5' W	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	43 13	10	White round concrete tower, red bands; 33.	*
							50/02
14728 <i>G 3547</i>	Isla Angel de la Guardia.	29° 00.0' N 113° 09.0' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	89 27	10	Truncated pyramidal metal tower; 46.	*
						*	50/02
14732 <i>G 3547.4</i>	Islaote Gemelo del Este.	28° 58.0' N 113° 28.0' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	30 9	9	White truncated pyramidal metal tower, red bands; 23.	*
						*	50/02
14736 <i>G 3546</i>	Isla Angel de la Guardia.	29° 34.0' N 113° 33.0' W	Fl.W. period 6s fl. 1s, ec. 5s	79 24	10	Truncated pyramidal aluminum tower; 46.	*
						*	50/02
14749 <i>G 3540.8</i>	Roca Consagracion.	31° 07.0' N 114° 29.0' W	Fl.W. period 6s fl. 1s, ec. 5s	39 12	9	White round concrete tower, red bands; 21.	*
						*	50/02
14750 <i>G 3542.5</i>	-N. mole.	31° 01.0' N 114° 49.0' W	Iso.R. period 2s	49 15	4	White round concrete tower; 30.	*
						*	50/02
14751 <i>G 3542.6</i>	-N. mole.	31° 01.0' N 114° 49.0' W	Iso.R. period 2s	49 15	4	White round concrete tower; 30.	*
						*	50/02
14757 <i>G 3542.2</i>	-San Felipe Range, front.	31° 01.0' N 114° 49.0' W	Fl.W. period 3s fl. 1s, ec. 2s	62 19	10	Truncated pyramidal aluminum tower; 50.	*
						*	50/02
14758 <i>G 3542.21</i>	-Rear.	31° 01.0' N 114° 49.0' W	Iso.W. period 2s	69 21	10	Truncated pyramidal aluminum tower; 34.	*
						*	50/02
14760 <i>G 3540.7</i>	Punta Sargent, N. of point.	31° 37.0' N 114° 47.0' W	Fl.W. period 6s fl. 1s, ec. 5s	39 12	9	Truncated pyramidal metal tower; 30.	*
						*	50/02
14765 <i>G 3540.5</i>	Santa Clara.	31° 41.0' N 114° 30.0' W	Fl.W. period 6s fl. 1s, ec. 5s	49 15	9	Radio antenna.	*
						*	50/02

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SECTION II

CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2001 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*16709 F 4379.7	Onsan Jeopan Budu.	35° 27.0' N 129° 22.0' E	Fl.Y. period 4s	7	Yellow round fiberglass structure; 14.		50/02
*16879 F 4330.2	Kajo-do, breakwater.	34° 57.6' N 128° 31.9' E	Fl.W. period 5s	26 8	8	White round steel tower; 15.	50/02
*16975 F 4317.7	Nuk-to, E. breakwater.	34° 55.4' N 128° 02.5' E	Fl.G. period 4s	23 7	5	White round steel tower; 15.	50/02
*17531.5 F 4279.37	Hugil-to.	34° 16.5' N 126° 32.4' E	Fl.W. period 5s	46 14	8	White round concrete tower; 30.	50/02
*17644.5 F 4229.8	Changgu-so.	34° 43.7' N 125° 52.6' E	Fl.W. period 5s	62 19	8	White round concrete tower; 29.	50/02
*19085.5 F 3648.8	Beilong Shan.	27° 38.9' N 120° 57.9' E	Fl.W. period 6s	121 37	7		50/02

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
*12154 F 4156	- -Sika, rock.	44° 49.1' N 13° 59.9' E	Fl.(2)R. period 5s fl. 0.5s, ec. 1s fl. 0.5s, ec. 3s	26 8	4	Red tower; 23.	Obscured 340°-112°.

50/02

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
4212 B 4156	Holmengra.	60° 50.6' N 4° 39.1' E	Iso.W.R.G. period 6s	116 35	W. 17 R. 15 G. 13	White tower.	W. 030°-139°, G.-157°, W.-195°, R.-276°, W.-324°, G.-326°.
RACON		T(-)		17	*	*	*
					*	*	*
8248 L 1584.1	-Valsholmskjaer.						Remove from list.
							50/02
*8250 L 1585	-Valsholmflua.	63° 48.7' N 9° 35.0' E	Oc.W.R.G. period 6s	29 9			W.018°-027°, G.-054°, R.- 060°30', W.-063°30', G.-218°, W.-221°, R.-018°.
-RACON		K(- • -)					50/02

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SECTION II

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
8252	-Haurasskjaer. <i>L 1584</i>						Remove from list.
*8254	-Hestvadflua. <i>L 1585.5</i>	63° 50.0' N 9° 37.1' E	F.I.R. period 3s				*

50/02

CORRECTIONS TO PUB 116, LIST OF LIGHTS, 2002 EDITION							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
32	Kristhallan. <i>B 2186</i>	58° 56.0' N 11° 08.0' E	Fl.(3)W.R.G. period 9s	26 8	W. 9 R. 6 G. 5	White lantern on pedestal.	G. 285°-303°, W.-333°, R.-033°, G.-096°, W.-100°, R.-107°.
*5432	-Turbinhamnen Norra. <i>C 2357</i>	55° 36.6' N 12° 58.3' E	Oc.W.R.G. period 4s		5		G. 003°-113°, W.-122°, R.-175°.
*5433	--Sodra. <i>C 2357.2</i>	55° 36.6' N 12° 58.3' E	F.G.				50/02
*7782	--Windmotor "T1". <i>C 7421.2</i>	56° 20.1' N 16° 17.1' E	Fl.Y. period 3s	33 10	5		4 windmotors marked on top by F.R. lights between Windmotor T1 and Windmotor T7.
			F.R.			On top of structure.	50/02
*7782.2	--Windmotor "T4". <i>C 7421.11</i>	56° 20.7' N 16° 17.0' E	Fl.Y. period 3s	33 10	5		On top of structure.
			F.R.			On top of structure.	50/02
*7783	-Windmotor "T7". <i>C 7421</i>	56° 21.2' N 16° 16.4' E	Fl.Y. period 3s	33 10	5		On top of structure.
			F.R.			On top of structure.	50/02
11140	-Vaktaren. <i>C 5881</i>	63° 37.0' N 20° 25.0' E	L.Fl.(2)W.R.G. period 15s fl. 2s, ec. 3s fl. 2s, ec. 8s	66 20	W. 10 R. 7 G. 6	White and orange tower, black base; 69.	W. 077°-080°, R.-107°, G.-139°, R.-146°, G.-203°, R.-255°, G.- 292°, W.-313°, R.-317°, G.- 321°, W.-327°, R.-350°, G.- 077°.
			4Q.Y.	33 10	3		
	-RACON		K(- • -) period 30s		5		
	*	*	*	*	*	*	50/02

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SECTION II

NM 50/02

PUBLICATIONS AFFECTED BY NOTICE TO MARINERS THROUGH NM 50/02

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 Region 1	2000	34*,35,37,38,40,41, 42,43,45,46,47,50, 51/00;1,2,3,4,5,6,7, 8,9,10,11,12,13,14, 16,17,18,19,20,21, 22,23,24,25,26,28, 29,30,33,34,35,36, 37,39,40,41,42,43, 44,45,46,47,48,49, 50,52/01;1,2,3,5,6,7, 8,9,10,12,13,15,18, 19,20,21,22,23,26, 28,30,31,34,35,36, 37,38,39,41,42,43, 45,46,47,48,49/02	LLPUB116	2002	18*,20,21,22,24,25, 26,27,29,31,34,37, 41,42,44,45,46,47, 48,49,50/02	SDPUB180	2002	32*,33,42,47,48, 50/02
			SAILING DIRECTIONS SDPUB120	2001	12*,18,48,49,51/01; 8,13,14,21,22,24,29, 33,35,37,42,43,44, 45,47/02	SDPUB181	2002	38*,39/02
			SDPUB123	2001	45*,47,48/01;1,14, 17,18,19/02	SDPUB182	2001	8*,10,12,41/02
			SDPUB124	2001	18*,44,45,47,48,49, 52/01;17,19,20,21, 29,30,31,34,46, 50/02	SDPUB183	2001	27/01*,13,15,16/02
Region 2	2000	34*,40,43/00;4,23, 30,35,39,42,45, 46/01;5,11,13,15,19, 22,24,26,28,41, 48/02	SDPUB125	2000	6*,9,10,20,21,40/00; 36,37,45,46/01;14, 17,33,35,38,40/02	SDPUB191	2000	5*,7,8,9,10,11,12, 13,14,15,16,17,18, 19,20,22,23,27,28, 29,30,31,33,34,36, 44,45,47,48/01;10, 14,15,16,17,42, 50/02
Region 3	2000	34*,44,48/00;21, 40/01;17,19,40/02	SDPUB127	2000	37*,38/00;18,33,40, 44,45,48,49,52/01;1, 11,13,17,18,27,33, 34,37,41,47,49/02	SDPUB192	2000	14*,16,17,18,24,26, 31,36,38,39,46/00;4, 14,17,21,22,23,25, 26,28,30,31,32/01; 11,12,13,14,15,16, 22,23,27,36,37,42, 48/02
Region 4	2000	34/00*;3/01;13, 20/02	SDPUB126	2002	39*,41,42,43,44,45, 48/02	SDPUB193	2000	27*,38,49/00;9,26, 27,31,32/01;14,15, 26/02
Region 5	2000	34*,37,40,42,47/00; 2,3,4,17,20,21,29, 40,41,45/01;6,8,13, 14,19,22,29,44,46, 48,50/02	SDPUB131	2000	13*,18,21,25,29,30, 33,37,51/00;4,15,19, 28,49,52/01;22,23, 24,25,26,27,32,33, 37,38,39,40,43, 44/02	SDPUB194	2000	51/00*;9,11,24,26, 29,32,34,35/01;11, 14,18,19,20,22,23, 24,25,26,27,29,30, 33/02
Region 6	2000	34*,35,45,52/00;2, 14,29,36,41,46, 51/01;12,14,15,17, 19,26/02	SDPUB132	2000	39*,45/00;16,17,31, 35/01;1,12,21,25, 26/02	SDPUB195	2002	33*,40,49/02
Region 7	2000	34/00*;2,10,35, 41/01;18,25,46, 50/02	SDPUB140	2001	21*,48,49,51/01;8, 17,23,32,42,43,44, 46,47,48,50/02	SDPUB200	2002	38*,39,42/02
Region 8	2000	34/00*;1,38/02	SDPUB141	2001	21*,38/01			
Region 9	2000	34/00*;23,41,48/01; 13,15,18,19,21,23, 44/02	SDPUB142	2000	49/00*;3,31,35/01; 1,15,43/02			
Miscellaneous Charts and Publications	2000	34*,35,36,37,39,40, 44,45,46,47,49,50, 51,52,53/00;1,2,3,4, 5,6,7,8,9,11,12,14, 15,16,17,18,19,20, 21,22,23,26,27,28, 29,30,31,32,34,35, 36,37,38,39,40,41, 42,43,44,45,46,47, 48,49,50,51,52/01;1, 2,3,4,5,8,9,12,13,14, 16,17,18,19,20,22, 23,24,26,27,28,29, 30,31,32,33,34,35, 36,38,39,40,41,42, 44,45,46,47,48,49, 50/02	SDPUB143	2000	8*,10,19,29/00;16, 26/01;1,25/02			
			SDPUB145	2000	13*,14,18,19,22,26, 32,37,38,46,47,51, 53/00;1,4,5,7,10,12, 28,29,35,52/01;14, 27/02			
			SDPUB146	2000	26*,28,32,33,38,45, 46,48,51/00;2,5,10, 27,28,29,31,38/01; 15,29/02			
			SDPUB147	2001	35/01*:21,22,23, 24/02			
			SDPUB148	2001	48/01*:23,24/02			
			SDPUB153	2000	6/01*:28,30,41,44, 46,47,48/02			
			SDPUB154	2002	17*,19,31,42,44,45, 46,48,50/02			
			SDPUB155	2001	31*,48/01;10,45, 46/02			
			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, 38/02			
			SDPUB158	2000	50/00*:5,10,12,13, 15,17,20,24/01; 46/02			
			SDPUB159	2002	42*,48/02			
			SDPUB160	2002	47*,48,49/02			
			SDPUB161	2002	23*,24,44,47,48/02			
			SDPUB162	2001	51/01*			
			SDPUB163	2002	18*,20,21,26,46/02			
			SDPUB164	2000	30/00*:31,35,36/01			
			SDPUB171	2001	40*,47,48,52/01;5,9, 14,16,41/02			
			SDPUB172	2001	1*,2,3,5,6,7,8,9,14, 15,16,17,18,19,20, 22,24/02			
			SDPUB173	2002	50/02*			
			SDPUB174	2000	7*,19,37,45,51, 52/01;1,5,14,19,22, 28,33,37,38,48/02			
			SDPUB175	2001	41*,43,45,51/01;8, 11,12,13,14,16,17, 21,27,37,41,49/02			
NIMA LIST OF LIGHTS LLPUB110	2002	8*,12,13,14,15,16, 17,18,19,20,21,23, 24,26,27,29,30,31, 32,33,34,35,36,37, 38,39,40,41,42,43, 44,45,47,49,50/02				FLEET GUIDES FGPUB940ATL	2001	N47/01*
LLPUB111	2002	35*,36,37,38,39,40, 41,42,43,44,45,46, 47,48,50/02				FGPUB941PAC	2001	N22/01*
LLPUB112	2001	5*,7,8,9,10,11,12, 13,14,15,16,17,18, 19,20,21,22,23,24, 25,26,27,28,29,30, 31,32,33,34,35,36, 37,38,39,40,41,42, 43,44,45,46,47,48, 49,50/02				NOS MISCELLANEOUS PUBLICATIONS NOSPBCATALOG1	2000	20/00*
LLPUB113	2002	45*,47,48,50/02				NOSPBCATALOG2	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, 49/02				NOSPBCATALOG3	2000	28/00*
LLPUB115	2002	39*,40,41,44,45, 50/02				NOSPBCATALOG4	2000	34/00*
						ALMANACS AIRALMANAC301	2003	44/02*
						NAUTALMANAC03	2003	44/02*
						COAST PILOT NOSPBCP1	32	37*,39,41,47,51/01; 1,5,7,13,18,33,37, 39,42,45,49/02
						NOSPBCP2	31	44*,47,51,52/01;5,7, 12,13,18,23,33,37, 39,42,45,48/02
						NOSPBCP3	35	3*,5,7,12,15,17,18, 21,22,27,28,33,37, 42,45,49/02
						NOSPBCP4	34	49/02*

SECTION II

**PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 50/02**

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

NIMA Reference No.	Ed.	Notice to Mariners No.		
NOSPBCP5	29	49*,51/01;1,6,12,13, 15,16,17,20,21,33, 34,37,39,42,47, 49/02		
NOSPBCP6	32	19*,20,21,33,39,45, 47,49/02		
NOSPBCP7	33	46*,47/01;1,5,12,15, 19,20,21,22,23,25, 33,34,37,39/02		
NOSPBCP8	24	3*,5,16,17,19,23,33, 37,40,47,50/02		
NOSPBCP9	20	12*,20,23,33,37,45, 50/02		
RADIO NAVIGATIONAL AIDS				
RAPUB117	2002	50/02*		
AMERICAN PRACTICAL NAVIGATOR				
NVPUB9	2002	36/02*		
INTERNATIONAL CODE OF SIGNALS				
NVPUB102	1999	46/99*;52/01		
WORLD PORT INDEX				
NVPUB150	2000	50/00*;14,15,16,20, 21,41,42,43,44,45, 46,47,48,49,51, 52/01;1,2,5,6,10,11, 12,16,19,21,22,27, 31,32,33,36,39,40, 42,46,49/02		
DISTANCES BETWEEN PORTS				
NVPUB151	2001	4/02*		
RADAR NAVIGATION AND MANEUVERING BOARD MANUAL				
CDPUBNV1310	2001	51/01*		
SIGHT REDUCTION TABLES (MARINE)				
SRPUB229V1	1970	11/71*		
SRPUB229V2	1970	11/71*		
SRPUB229V3	1970	7/71*		
SRPUB229V4	1970	3/71*		
SRPUB229V5	1970	3/71*		
SRPUB229V6	1970	23/70*		
SIGHT REDUCTION TABLES (AIR)				
SRPUB249V1	2000	4/01*		
SRPUB249V2	1952	46/52*		
SRPUB249V3	1952	46/52*		
CHART NO. 1				
WOBZC1	1997	18/98*		
CHART NO. 4				
WOBZC4	1988	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				
NOSPBTTCWPACIN2	2002	N52/01*		
NOSPBTTECSTNSA2	2002	N52/01*		
NOSPBTTEURAFR2	2002	N52/01*		
NOSPBTWCSTNSA2	2002	N52/01*		
TIDAL CURRENT TABLES				
NOSPBTCTATCSTN2	2002	N52/01*;N9/02		
NOSPBTCTPACAS2	2002	N52/01*		

SECTION III

NM 50/02

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 November 2002:

2001 series	219(GEN)	365(14)	428(11)	446(GEN)	454(11)
393(GEN)	346(GEN)	367(GEN)	441(11,26)	449(24)	455(11)
2002 series	351(11)	383(11,26)	442(11,26)	452(24)	

The summary of all NAVAREA IV messages in force as of 13 December 2001 is given in Section III of NM 52/01. Warnings issued during the subsequent quarters are issued in NM 13/02, 26/02 and 39/02.

NAVAREA IV WARNINGS issued from 211200Z to 271200Z November 2002.

440/02. CANCELED.

441/02(11,26). GEORGIA. NAVTEX.
NAVTEX STATION SAVANNAH OFF AIR.

(211933Z NOV 2002)

442/02(11,26). NORTH ATLANTIC. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS:

- A. 0500Z TO 0459Z COMMENCING DAILY
25 NOV THRU 01 DEC IN AREA BOUND BY
30-45N 080-54W, 30-45N 080-11W,
30-36N 080-11W, 30-34N 080-33W.
- B. 0500Z TO 0459Z COMMENCING DAILY
25 NOV THRU 29 NOV IN AREA BETWEEN
29-20N 29-10N AND 079-50W 079-40W.
- C. 1400Z TO 0600Z COMMENCING DAILY
26 AND 27 NOV IN AREA BETWEEN
30-00N 29-50N AND 080-50W 081-00W.
- D. 251800Z TO 252200Z NOV IN AREA BOUND BY
30-32N 080-58W, 30-45N 080-56W,
31-10N 080-59W, 31-10N 080-10W,
30-32N 080-10W.

2. CANCEL THIS MSG 020559Z DEC.

(221414Z NOV 2002)

443/02 thru 445/02. CANCELED.

446/02(11,26).

1. NAVAREA IV MESSAGES IN FORCE 231000Z NOV 2002. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2002 SERIES: 395(11), 428(11), 431(11,26), 433(26), 439(11,26), 441(11,26), 442(11,26), 443(14), 444(11,26), 445(24).
2. THE SUMMARY OF ALL NAVAREA IV MESSAGES IN FORCE AS OF 13 DEC 2001 IS GIVEN IN SEC III OF NM 52/01. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/02, 26/02 AND 39/02.
3. CANCEL NAVAREA IV 430/02.

(231010Z NOV 2002)

447/02 and 448/02. CANCELED.

449/02(24). NORTH ATLANTIC. ROCKETS.

1. HAZARDOUS OPERATIONS 2000Z TO 0211Z COMMENCING DAILY
27 NOV THRU 28 DEC IN AREAS:
 - A. WITHIN 12 MILES OF COASTLINE BETWEEN
05-19N 052-47W AND 05-04N 052-30W.
 - B. BOUND BY 07-44N 045-41W, 05-13N 045-40W,
05-11N 048-33W, 07-42N 048-35W.
 - C. BETWEEN 05-27N 05-12N AND 046-06W 047-35W.
2. CANCEL NAVAREA IV 445/02.
3. CANCEL THIS MSG 290311Z DEC.

(251903Z NOV 2002)

450/02 and 451/02. CANCELED.

452/02(24). NORTH ATLANTIC.

1. RECOVERY OPERATIONS 28 NOV THRU 01 DEC BY M/V NEFTEGAZ 31
IN AREA BOUND BY 07-44N 045-41W, 05-13N 045-40W,
05-11N 048-33W, 07-42N 048-35W. WIDE BERTH REQUESTED.

NM 50/02

SECTION III

2. CANCEL THIS MSG 02 DEC.

(261829Z NOV 2002)

453/02. CANCELED.

454/02(11). GULF OF MEXICO. TEXAS. ORDNANCE.

1. UNDERWATER ORDNANCE DETONATIONS 020001Z TO 080001Z DEC
IN AREA BETWEEN 27-30.0N 27-31.0N AND 097-11.5W 097-12.5W.
2. CANCEL THIS MSG 080101Z DEC.

(270910Z NOV 2002)

455/02(11). GULF OF MEXICO. LOUISIANA.

1. LORAN-C STATION GRANGEVILLE, RATES 7980-W AND 9610-Z,
UNUSABLE 021400Z TO 021600Z DEC.
2. CANCEL THIS MSG 021700Z DEC.

(270920Z NOV 2002)

SECTION III

HYDROLANTS

Messages in force 271200Z November 2002:

2000 series	2948(36)	2105(53)	2421(54)	2554(35)	2597(24)
1569(36)	3161(44)	2156(GEN)	2424(53)	2561(24)	2599(36,37)
2353(36)	2002 series	2171(57)	2434(56)	2563(51)	2604(24)
2937(38)	11(54)	2203(51)	2450(37)	2564(51)	2605(24)
3762(43)	134(37)	2294(53)	2465(54,56)	2565(37)	2610(24)
4265(44)	245(GEN)	2307(24)	2467(24)	2566(57)	2616(24)
2001 series	246(GEN)	2310(52,53)	2470(37)	2567(36,37,51)	2617(24)
470(53)	321(52)	2321(57)	2480(53)	2568(56)	2618(24)
611(44)	349(54)	2354(53)	2484(22)	2575(56)	2620(37)
1116(36)	383(53)	2365(54)	2486(36)	2578(23)	2622(24)
1798(37)	946(53)	2366(54,56)	2489(53,54)	2581(24)	2623(37)
1885(44)	1065(53)	2368(51)	2493(54,56)	2584(36)	2624(36,37)
2066(37)	1066(37)	2372(38)	2508(24)	2587(36,37)	2625(24)
2659(GEN)	1159(51)	2382(55)	2511(52,53)	2588(24)	2626(37)
2700(37)	1290(53)	2394(54,56)	2524(57)	2592(GEN)	2627(37)
2706(37)	1485(24)	2412(54)	2526(51,57)	2594(24)	
2864(53)	1895(23)	2413(52)	2545(35)	2595(24)	
2916(37)	2027(GEN)	2417(53)	2550(GEN)	2596(24)	

The summary of all HYDROLANTS in force as of 13 December 2001 is given in Section III of NM 52/01.
Warnings issued during the subsequent quarters are issued in NM 13/02, 26/02 and 39/02.

HYDROLANT WARNINGS issued from 211200Z to 271200Z November 2002.

2573/02 and 2574/02. CANCELED.

2575/02(56). EASTERN MEDITERRANEAN SEA.

1. SEISMIC SURVEY IN PROGRESS UNTIL 25 DEC BY
M/V FLYING ENTERPRISE TOWING 1200 METER LONG
CABLE IN AREA BOUND BY 32-09.9N 030-47.6E,
32-10.5N 030-50.1E, 32-08.4N 030-50.7E,
32-07.9N 030-48.3E. WIDE BERTH REQUESTED.
2. CANCEL HYDROLANT 2408/02.
3. CANCEL THIS MSG 26 DEC.

(211616Z NOV 2002)

2576/02 and 2577/02. CANCELED.

2578/02(23). SOUTH ATLANTIC. ICE.

1. ICEBERGS REPORTED:
 - A. IN AREA BETWEEN 49-15.0S 050-15.0S
AND 046-00.0W 050-00.0W.
 - B. IN 47-21.0S 058-37.3W.
 - C. IN 47-23.2S 058-39.2W.
 - D. FOUR MILES BY TWO MILES, IN 50-30.0S 050-00.0W.
 - E. 15 MILES BY THREE MILES, IN 54-04.3S 062-22.5W.
 - F. IN 43-08.0S 057-36.0W.
 - G. IN 41-45.0S 056-56.0W.
 - H. 400 METERS BY 500 METERS, IN 45-11.8S 059-04.7W.
 - I. 200 METERS BY 300 METERS, IN 44-59.8S 059-06.1W.
 - J. 190 METERS BY 25 METERS, IN 47-15.8S 059-15.8W.
 - K. IN 39-04.3S 055-33.5W.
2. CANCEL HYDROLANT 2556/02.
3. CANCEL THIS MSG 29 NOV.

(220015Z NOV 2002)

2579/02 and 2580/02. CANCELED.

2581/02(24). BRAZIL-SOUTH COAST.

MAN OVERBOARD VICINITY 23-02S 043-12W. VESSELS IN
VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST
IF POSSIBLE. REPORTS TO ANY COASTAL RADIO STATION.

(220820Z NOV 2002)

2582/02 and 2583/02. CANCELED.

2584/02(36). SCOTLAND-WEST COAST.

UNDERWATER OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE
BY CABLESHIP SOVEREIGN VICINITY 55-14N 004-54W.

(221441Z NOV 2002)

2585/02 and 2586/02. CANCELED.

2587/02(36,37). CELTIC SEA.

1. CONTAINER ADRIFT VICINITY 45-14.6N 008-22W AT 220700Z NOV.
2. CANCEL THIS MSG 29 NOV.

(221833Z NOV 2002)

2588/02(24). BRAZIL-NORTH COAST.

CHART 24016 (23RD ED.).

PONTA DE ITAPAGE LIGHT 02-52.2S 039-56.7W UNLIT.

(221853Z NOV 2002)

2589/02 thru 2591/02. CANCELED.

2592/02(GEN).

1. HYDROLANT MESSAGES IN FORCE 231300Z NOV 2002. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2002 SERIES: 2292(GEN), 2294(53), 2307(24), 2310(52,53), 2321(57), 2354(53), 2365(54), 2366(54,56), 2368(51), 2372(38), 2382(55), 2394(54,56), 2412(54), 2413(52), 2417(53), 2418(37), 2421(54), 2424(53), 2434(56), 2450(37), 2465(54,56), 2467(24), 2470(37), 2480(53), 2484(22), 2486(36), 2489(53,54), 2493(54,56), 2508(24), 2511(52,53), 2524(57), 2526(51,57), 2545(35), 2550(GEN), 2554(35), 2555(35), 2561(24), 2563(51), 2564(51), 2565(37), 2566(57), 2567(36,37,51), 2568(56), 2573(37), 2575(56), 2577(53), 2578(23), 2579(54), 2580(38), 2581(24), 2582(24), 2583(24), 2584(36), 2585(51), 2586(24), 2587(36,37), 2588(24), 2589(24,57), 2590(36,37), 2591(36,37).
2. THE SUMMARY OF ALL HYDROLANT MESSAGES IN FORCE AS OF 13 DEC 2001 IS GIVEN IN SEC III OF NM 52/01. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/02, 26/02 AND 39/02.
3. CANCEL HYDROLANT 2228/02, 2230/02, 2237/02, 2247/02, 2510/02, 2542/02.

(231310Z NOV 2002)

2593/02. CANCELED.

2594/02(24). BRAZIL-SOUTHEAST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 280200Z NOV BY M/V CGG HARMATTAN TOWING EIGHT 4500 METER LONG CABLES IN AREA BETWEEN 22-35S 22-55S AND 040-30W 041-00W. FOUR MILE BERTH REQUESTED.
2. CANCEL THIS MSG 280300Z NOV.

(231335Z NOV 2002)

2595/02(24). BRAZIL-EAST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 280200Z NOV BY M/V VERITAS VIKING II TOWING SIX 7408 METER LONG CABLES IN AREA BETWEEN 19-06.5S 20-06.1S AND 038-31.5W 039-03.4W. SIX MILE BERTH REQUESTED.
2. CANCEL THIS MSG 280300Z NOV.

(231340Z NOV 2002)

2596/02(24). BRAZIL-SOUTH COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 280159Z NOV BY M/V VERITAS VIKING I TOWING 5400 METER LONG CABLES IN AREA BETWEEN 23-50S 24-30S AND 044-35W 043-50W. SIX MILE BERTH REQUESTED.
2. CANCEL THIS MSG 280259Z NOV.

(231345Z NOV 2002)

2597/02(24). BRAZIL-SOUTH COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 280200Z NOV BY M/V CGG ALIZE TOWING EIGHT 7408 METER LONG CABLES IN AREA BETWEEN 25-40S 26-50S AND 044-25W 045-15W. FIVE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 280300Z NOV.

(231350Z NOV 2002)

2598/02. CANCELED.

2599/02(36,37). CELTIC SEA.

UNDERWATER OPERATIONS 250700Z NOV UNTIL FURTHER NOTICE BY M/V CIROLANA IN 48-24.5N 006-29.0W. WIDE BERTH REQUESTED.

(231620Z NOV 2002)

2600/02 thru 2603/02. CANCELED.

SECTION III

NM 50/02

2604/02(24). BRAZIL-NORTH COAST. ROCKETS.

1. HAZARDOUS OPERATIONS 0800Z TO 1800Z DAILY
29 NOV THRU 04 DEC WITHIN 2.5 MILES OF 02-19S 044-22W.
2. CANCEL THIS MSG 041900Z DEC.

(240443Z NOV 2002)

2605/02(24). BRAZIL-NORTH COAST. ROCKETS.

1. HAZARDOUS OPERATIONS 0800Z TO 1800Z DAILY
29 NOV THRU 04 DEC IN AREA BOUND BY
01-33.0S 043-32.0W, 01-22.0S 043-08.0W,
01-35.5S 043-02.0W, 02-10.0S 043-27.0W.
2. CANCEL THIS MSG 041900Z DEC.

(240451Z NOV 2002)

2606/02 thru 2609/02. CANCELED.

2610/02(24). BRAZIL-SOUTH COAST.

1. HYDROGRAPHIC OPERATIONS 28 NOV THRU 08 DEC
BY M/V SIRIUS IN AREA BOUND BY
28-19S 048-00W, 30-35S 050-15W,
COASTLINE. WIDE BERTH REQUESTED.
2. CANCEL HYDROLANT 2573/02(37).
3. CANCEL THIS MSG 09 DEC.

(250750Z NOV 2002)

2611/02 thru 2615/02. CANCELED.

2616/02(24). NORTH ATLANTIC. ROCKETS.

1. HAZARDOUS OPERATIONS 2000Z TO 0211Z COMMENCING DAILY
27 NOV THRU 28 DEC IN AREAS:
 - A. WITHIN 12 MILES OF COASTLINE BETWEEN
05-19N 052-47W AND 05-04N 052-30W.
 - B. BOUND BY 07-44N 045-41W, 05-13N 045-40W,
05-11N 048-33W, 07-42N 048-35W.
 - C. BETWEEN 05-27N 05-12N AND 046-06W 047-35W.
 - D. BOUND BY 00-51N 005-18W, 00-15N 005-26W,
00-18N 009-39W, 01-23N 009-31W.
2. CANCEL HYDROLANT 2589/02.
3. CANCEL THIS MSG 290311Z DEC.

(251905Z NOV 2002)

2617/02(24). BRAZIL-EAST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 28 NOV
BY M/V BULLDOG TOWING 15 METER LONG CABLE
IN AREA BOUND BY 11-05.3S 036-51.6W,
11-01.4S 036-57.3W, 11-01.9S 036-58.0W,
11-06.0S 036-52.0W. WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 29 NOV.

(260840Z NOV 2002)

2618/02(24). BRAZIL-SOUTH COAST.

CHART 24120 (9TH ED).

1. TORRES LIGHT 29-20.7S 049-43.7W UNLIT.
2. CANCEL HYDROLANT 2577/02(53).

(260940Z NOV 2002)

2619/02. CANCELED.

2620/02(37). DOVER STRAIT. ORDNANCE.

CHART 37125 (15ND ED).

1. MINE MARKED BY BUOY IN 51-00.1N 001-50.9E.
2. CANCEL HYDROLANT 2615/02(53).

(261432Z NOV 2002)

2621/02. CANCELED.

2622/02(24). NORTH ATLANTIC.

1. RECOVERY OPERATIONS 28 NOV THRU 01 DEC BY M/V NEFTEGAZ 31
IN AREA BOUND BY 07-44N 045-41W, 05-13N 045-40W,
05-11N 048-33W, 07-42N 048-35W. WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 02 DEC.

(261834Z NOV 2002)

2623/02(37). DOVER STRAIT.

1. UNDERWATER OPERATIONS IN PROGRESS UNTIL
FURTHER NOTICE BY CABLESHIP MAERSK DEFENDER
VICINITY 50-49.0N 001-29.5E. WIDE BERTH REQUESTED.
2. CANCEL HYDROLANT 2611/02(51), VESSEL REMOVED.

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3. CANCEL HYDROLANT 2609/02.

(270955Z NOV 2002)

2624/02(36,37). ENGLAND.

CHART 37010 (23RD ED).

1. WORMLEIGHTON DGPS STATION 52-12N 001-22W
UNRELIABLE UNTIL 051700Z DEC.

2. CANCEL THIS MSG 051800Z DEC.

(271010Z NOV 2002)

2625/02(24). BRAZIL-EAST COAST.

CHART 24230 (20TH ED).

CABO BRANCO LIGHT 07-09S 034-48W UNLIT.

(271020Z NOV 2002)

2626/02(37). BAY OF BISCAY.

1. 300 METER LONG PIPE ADRIFT VICINITY 48-13N 005-21W
AT 270940Z NOV.

2. CANCEL HYDROLANT 2619/02.

3. CANCEL THIS MSG 04 DEC.

(271140Z NOV 2002)

2627/02(37). FRANCE-NORTHWEST COAST.

CHART 37050 (9TH ED).

RACON AT NORTHEAST BUOY 48-46.3N 005-10.8W AT REDUCED POWER.

(271150Z NOV 2002)

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NM 50/02

NAVAREA XII

Messages in force 271200Z November 2002:

2001 series 298(GEN)	2002 series 178(GEN)	260(GEN) 270(GEN)	328(18) 331(GEN)	333(19)
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The summary of all NAVAREA XII messages in force as of 13 December 2001 is given in Section III of NM 52/01. Warnings issued during the subsequent quarters are issued in NM 13/02, 26/02 and 39/02.

NAVAREA XII WARNINGS issued from 211200Z to 271200Z November 2002.

329/02 and 330/02. CANCELED.

331/02(GEN).

1. NAVAREA XII MESSAGES IN FORCE 231000Z NOV 2002. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN. 2002 SERIES: 296(GEN), 311(19), 328(18).
2. THE SUMMARY OF ALL NAVAREA XII MESSAGES IN FORCE AS OF 13 DEC 2001 IS GIVEN IN SEC III OF NM 52/01. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/02, 26/02 AND 39/02.
3. CANCEL NAVAREA XII 323/02.

(231020Z NOV 2002)

332/02. CANCELED.

333/02(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 311/02.

(260950Z NOV 2002)

334/02. CANCELED.

SECTION III

NM 50/02

HYDROPOACS

Messages in force 271200Z November 2002:

2000 series	1147(92)	2010(94,95)	2101(81)	2155(81)	2196(81)
597(73)	1315(62)	2011(71)	2105(22)	2156(72)	2197(74)
1557(94)	1588(75)	2016(94,95)	2108(62)	2158(97)	2198(63)
2001 series	1635(62)	2017(95)	2110(63)	2159(92)	2199(63)
1556(71)	1661(GEN)	2018(94,95)	2111(62)	2161(97)	2200(63)
1636(96)	1757(GEN)	2030(95)	2117(81)	2162(76)	2201(97)
1647(GEN)	1765(71)	2031(95)	2120(97)	2164(91)	2203(61)
1976(62)	1842(22)	2033(61)	2121(61)	2176(94,95)	2204(62)
2062(61)	1843(22)	2038(81,97)	2125(91,92)	2177(94,95)	2205(81)
2002 series	1881(81,91,97)	2040(63)	2126(62)	2178(29)	2206(97)
146(62)	1893(74)	2047(GEN)	2128(81)	2179(63)	2207(63)
196(61)	1922(76)	2050(63)	2134(81)	2180(63)	2208(82)
205(GEN)	1926(92)	2051(63)	2138(96)	2183(22)	2210(81)
206(GEN)	1937(81)	2052(62)	2139(75)	2184(22)	2212(61)
207(93)	1955(71)	2056(76,83)	2143(62)	2185(22)	2213(63)
352(73)	1961(93)	2057(71,93)	2144(81)	2187(75)	2215(62)
403(72,73)	1963(81)	2067(91,92)	2145(94,97)	2188(63)	2216(94,95)
637(75)	1969(94)	2077(81)	2146(81)	2189(GEN)	2217(97)
753(62)	1971(63)	2078(83)	2148(74)	2191(22)	2218(94,95)
787(71)	1972(91)	2084(97)	2151(22)	2192(72)	2219(94,95)
828(62)	1990(83)	2093(71,72)	2153(94)	2193(61)	2220(71)
1078(72)	1994(82)	2099(91,92)	2154(81)	2195(73,74,82)	

The summary of all HYDROPOACS in force as of 13 December 2001 is given in Section III of NM 52/01. Warnings issued during the subsequent quarters are issued in NM 13/02, 26/02 and 39/02.

HYDROPOAC WARNINGS issued from 211200Z to 271200Z November 2002.

2167/02 thru 2175/02. CANCELED.

2176/02(94,95). YELLOW SEA. ORDNANCE.

1. BOMBING EXERCISES 270001Z TO 270830Z NOV, ALTERNATE 0001Z TO 0830Z DAILY 28 THRU 30 NOV IN AREA BOUND BY 36-37.4N 126-15.6E, 36-38.6N 126-03.9E, 35-52.6N 125-15.1E, 35-42.0N 125-30.0E, 36-28.0N 126-18.8E.
2. CANCEL HYDROPOAC 2163/02(19), SIGNAL CEASED.
3. CANCEL THIS MSG 300930Z NOV.

(221110Z NOV 2002)

2177/02(94,95). YELLOW SEA. ORDNANCE.

1. BOMBING EXERCISES 270100Z TO 270800Z NOV, ALTERNATE 0100Z TO 0800Z DAILY 28 THRU 30 NOV IN AREA BOUND BY 36-40.6N 126-10.4E, 36-38.2N 125-59.9E, 35-01.3N 125-42.8E, 34-58.4N 126-03.1E, 36-34.2N 126-17.9E.
2. CANCEL THIS MSG 300900Z NOV.

(221140Z NOV 2002)

2178/02(29). ANTARCTICA. BRANSFIELD STRAIT.

CHART 29105 (5TH ED).
MONTRAVEL ROCK RACON 63-09S 058-02W INOPERATIVE.

(221210Z NOV 2002)

2179/02(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0330Z TO 1530Z DAILY 26 THRU 29 NOV IN AREA BOUND BY 09-57.6N 075-59.5E, 09-57.7N 076-14.2E, 09-40.0N 076-14.5E, 09-42.5N 076-09.5E.
2. CANCEL THIS MSG 291630Z NOV.

(221549Z NOV 2002)

2180/02(63). BAY OF BENGAL. ORDNANCE.

1. UNDERWATER ORDNANCE DETONATIONS IN PROGRESS UNTIL 050001Z DEC WITHIN FIVE MILES OF:
 - A. 19-50.4N 088-14.4E.
 - B. 19-12.0N 088-52.8E.
2. CANCEL THIS MSG 050101Z DEC.

(221929Z NOV 2002)

2181/02 and 2182/02. CANCELED.

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2183/02(22). SOUTH PACIFIC. CHILE. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 271700Z TO 272300Z NOV IN AREA BETWEEN 36-00S 36-10S AND 073-02W 073-14W.
2. CANCEL THIS MSG 272359Z NOV.

(230620Z NOV 2002)

2184/02(22). SOUTH PACIFIC. CHILE. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 271200Z TO 271330Z NOV IN AREA BETWEEN 36-53S 37-08S AND 073-52W 074-05W.
2. CANCEL THIS MSG 271430Z NOV.

(230625Z NOV 2002)

2185/02(22). SOUTH PACIFIC. CHILE. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 261200Z TO 261800Z NOV AND 1200Z TO 1900Z DAILY 27 AND 28 NOV IN AREA BOUND BY 36-32.4S 073-30.5W, 36-36.6S 073-19.2W, 36-45.7S 073-24.5W, 36-41.5S 073-35.7W.
2. CANCEL THIS MSG 282000Z NOV.

(230635Z NOV 2002)

2186/02. CANCELED.

2187/02(75). AUSTRALIA-SOUTH COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE BY M/V POLAR DUKE TOWING FOUR MILE LONG CABLE IN AREA BETWEEN 38-45S 39-30S AND 141-15E 142-30E.
2. CANCEL HYDROPAC 2107/02.

(230735Z NOV 2002)

2188/02(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 280330Z TO 280730Z NOV WITHIN 13 MILES OF 21-39.0N 069-33.9E.
2. CANCEL HYDROPAC 2132/02(63).
3. CANCEL THIS MSG 280830Z NOV.

(230740Z NOV 2002)

2189/02(GEN).

1. HYDROPAC MESSAGES IN FORCE 231300Z NOV 2002. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN. 2002 SERIES: 1922(76), 1926(92), 1936(GEN), 1937(81), 1955(71), 1961(93), 1963(81), 1969(94), 1971(63), 1972(91), 1990(83), 1994(82), 2010(94,95), 2011(71), 2016(94,95), 2017(95), 2018(94,95), 2030(95), 2031(95), 2033(61), 2038(81,97), 2040(63), 2047(GEN), 2050(63), 2051(63), 2052(62), 2056(76,83), 2057(71,93), 2067(91,92), 2077(81), 2078(83), 2081(97), 2084(97), 2088(74), 2093(71,72), 2099(91,92), 2101(81), 2105(22), 2108(62), 2110(63), 2111(62), 2117(81), 2120(97), 2121(61), 2125(91,92), 2126(62), 2128(81), 2134(81), 2135(94,97), 2138(96), 2139(75), 2143(62), 2144(81), 2145(94,97), 2146(81), 2148(74), 2151(22), 2153(94), 2154(81), 2155(81), 2156(72), 2158(97), 2159(92), 2161(97), 2162(76), 2164(91), 2166(81,97), 2169(63), 2170(63), 2174(74), 2175(62), 2176(94,95), 2177(94,95), 2178(29), 2179(63), 2180(63), 2182(83), 2183(22), 2184(22), 2185(22), 2186(22), 2187(75), 2188(63).
2. THE SUMMARY OF ALL HYDROPAC MESSAGES IN FORCE AS OF 13 DEC 2001 IS GIVEN IN SEC III OF NM 52/01. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/02, 26/02 AND 39/02.
3. CANCEL HYDROPAC 1856/02, 1865/02, 1868/02, 1877/02, 1885/02, 1912/02, 1913/02, 1914/02, 1916/02, 1917/02, 2113/02, 2152/02.

(231320Z NOV 2002)

2190/02. CANCELED.

2191/02(22). SOUTH PACIFIC. CHILE. RADIO SERVICES.

DSC STATION ANTOFAGASTA 23-41S 070-24W INOPERATIVE.

(231845Z NOV 2002)

2192/02(72). FLORES SEA.

1. SEISMIC SURVEY 25 NOV THRU 31 DEC BY M/V ORIENT EXPLORER TOWING 6500 METER LONG CABLE IN AREA BOUND BY 06-20S 120-20E, 06-55S 119-28E, 06-08S 118-39E, 05-15S 118-39E, 05-15S 119-00E.
2. CANCEL HYDROPAC 1607/02.
3. CANCEL THIS MSG 01 JAN 03.

(240028Z NOV 2002)

2193/02(61). INDIAN OCEAN.

DISTRESS SIGNAL RECEIVED IN 35-27S 048-36E AT 240048Z NOV. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO MRCC REUNION,

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INMARSAT-C: 422 799 193, TELEX: 916140,
PHONE: 2622 6243 4343, FAX: 2622 6271 1595.

(240240Z NOV 2002)

2194/02. CANCELED.

2195/02(73,74,82). CORAL SEA.
M/V DOOYANG GLORY UNREPORTED. LAST KNOWN
POSITION 14-00S 157-54E AT 230410Z NOV. VESSELS
IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO RCC AUSTRALIA,
TELEX: 7162025, PHONE: 612 6230 6811, FAX: 612 6230 6868.

(241632Z NOV 2002)

2196/02(81). NORTH PACIFIC.

DISTRESS SIGNAL RECEIVED ON 243 MHZ IN 16-41.1N 133-00.1E
AT 241538Z NOV. VESSELS IN VICINITY REQUESTED TO KEEP A
SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO RCC GUAM,
TELEX: 392401, PHONE: 671 339 6100, FAX: 671 339 6210.

(241954Z NOV 2002)

2197/02(74). AUSTRALIA-NORTHWEST COAST.

1. DERELECT 15 METER F/V, WHITE HULL, PARTIALLY SUBMERGED
AND SINKING IN 15-32.3S 121-38.8E AT 240915Z NOV.
2. CANCEL THIS MSG 02 DEC.

(250005Z NOV 2002)

2198/02(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 280430Z TO 280730Z NOV WITHIN
TEN MILES OF 15-24.6N 073-47.1E.
2. CANCEL HYDROFAC 2194/02(74), VESSEL RECOVERED.
3. CANCEL THIS MSG 280830Z NOV.

(250910Z NOV 2002)

2199/02(63). INDIA-SOUTH COAST.

CHART 63220 (5TH ED).

1. DANGEROUS SUBMERGED ROCKS, LEAST DEPTH 11 METERS, IN:
A. 08-02.66N 077-24.84E.
B. 08-02.83N 077-24.84E.
2. CANCEL HYDROFAC 2170/02.

(251210Z NOV 2002)

2200/02(63). ANDAMAN SEA. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 270530Z TO 271230Z NOV
IN AREA BETWEEN 11-40N 11-30N AND 093-00E 093-15E.
2. CANCEL HYDROFAC 2174/02(74), OPERATIONS COMPLETED.
3. CANCEL THIS MSG 271330Z NOV.

(251450Z NOV 2002)

2201/02(97). NORTH PACIFIC.

DISTRESS SIGNAL RECEIVED ON 243 MHZ VICINITY 29-15N 160-45E
AT 251332Z NOV. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO JAPAN COAST GUARD.

(251459Z NOV 2002)

2202/02. CANCELED.

2203/02(61). INDIAN OCEAN.

1. 11 CONTAINERS ADRIFT VICINITY 28-55.7S 035-04.5E.
2. CANCEL THIS MSG 02 DEC.

(251958Z NOV 2002)

2204/02(62). GULF OF OMAN. ORDNANCE.

1. UNDERWATER ORDNANCE DETONATIONS IN PROGRESS UNTIL
272359Z NOV WITHIN FIVE MILES OF:
A. 25-06N 058-00E.
B. 25-15N 058-15E.
2. CANCEL HYDROFAC 2175/02.
3. CANCEL THIS MSG 280059Z NOV.

(260650Z NOV 2002)

2205/02(81). NORTH PACIFIC.

DISTRESS SIGNAL RECEIVED ON 121.5 MHZ IN 06-26.7N 133-59.9E
AT 260615Z NOV. VESSELS IN VICINITY REQUESTED TO
KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS
TO RCC GUAM, TELEX: 392401.

(260735Z NOV 2002)

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2206/02(97). NORTH PACIFIC.

1. DEREPLIC 19 TON F/V RYUOU MARU ADRIFT
VICINITY 31-12N 154-24E AT 260505Z NOV.
2. CANCEL HYDROPAC 2202/02.
3. CANCEL THIS MSG 03 DEC.

(260850Z NOV 2002)

2207/02(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0230Z TO 1130Z DAILY 01 THRU 07 DEC
WITHIN SIX MILES OF 14-01.0N 074-19.6E.
2. CANCEL HYDROPAC 2088/02(74), OPERATIONS COMPLETED.
3. CANCEL THIS MSG 071230Z DEC.

(261020Z NOV 2002)

2208/02(82). SOUTH PACIFIC. SOLOMON ISLANDS.

DEREPLIC F/V HSIN TSAIFA NO. 2 PARTIALLY SUBMERGED AND
ADRIFT VICINITY 10-30S 163-08E AT 260600Z NOV 14 PERSONS
REMAIN MISSING. VESSELS IN VICINITY REQUESTED TO KEEP A
SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO RCC AUSTRALIA,
TELEX: 7162025, PHONE: 612 6230 6811, FAX: 612 6230 6868.

(261025Z NOV 2002)

2209/02. CANCELED.

2210/02(81). NORTH PACIFIC.

F/V HAIMU, 29 PERSONS ON BOARD, SINKING VICINITY
09-51N 160-53E. VESSELS IN VICINITY REQUESTED TO KEEP A
SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO RCC HONOLULU,
TELEX: 392401, PHONE: 808 541 2500, FAX: 808 541 2123.

(261420Z NOV 2002)

2211/02. CANCELED.

2212/02(61). INDIAN OCEAN.

1. LIFERAFT ADRIFT VICINITY 29-15S 038-29E.
2. CANCEL THIS MSG 03 DEC.

(262005Z NOV 2002)

2213/02(63). INDIA-WEST COAST.

CHART 63070 (3RD ED).
DANGEROUS WRECK IN 21-37.6N 069-35.7E.

(262033Z NOV 2002)

2214/02. CANCELED.

2215/02(62). PERSIAN GULF. ORDNANCE.

1. UNDERWATER ORDNANCE DETONATIONS IN PROGRESS UNTIL
301700Z NOV WITHIN ONE MILE OF 26-30.28N 050-40.50E.
2. CANCEL THIS MSG 301800Z NOV.

(270655Z NOV 2002)

2216/02(94,95). YELLOW SEA. ORDNANCE.

1. BOMBING EXERCISES 0001Z TO 1000Z DAILY 02 THRU 07,
09 THRU 14, 16 THRU 21, 23, 24, 26 THRU 28,
30 AND 31 DEC IN AREA BETWEEN
36-05N 36-35N AND 124-50E 125-42E.
2. CANCEL THIS MSG 311100Z DEC.

(270940Z NOV 2002)

2217/02(97). NORTH PACIFIC.

1. CABLE LAYING OPERATIONS IN PROGRESS UNTIL
05 DEC BY M/V KDD PACIFIC LINK IN AREA
BETWEEN 28-00N 30-00N AND 142-30E 143-30E.
2. CANCEL HYDROPAC 2081/02.
3. CANCEL THIS MSG 06 DEC.

(270950Z NOV 2002)

2218/02(94,95). YELLOW SEA. ORDNANCE.

1. BOMBING EXERCISES 0001Z TO 1000Z DAILY 02 THRU 07,
09 THRU 14, 16 THRU 21, 23, 24, 26 THRU 28,
30 AND 31 DEC IN AREA BETWEEN
34-50N 35-15N AND 124-50E 125-42E.
2. CANCEL THIS MSG 311100Z DEC.

(271040Z NOV 2002)

2219/02(94,95). YELLOW SEA. ORDNANCE.

1. BOMBING EXERCISES 0001Z TO 1000Z DAILY 02 THRU 07,
09 THRU 14, 16 THRU 21, 23, 24, 26 THRU 28,

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30 AND 31 DEC IN AREA BOUND BY 36-35N 125-36E,
36-35N 124-50E, 37-06N 124-50E, 37-10N 125-36E.
2. CANCEL THIS MSG 311100Z DEC.

(271045Z NOV 2002)

2220/02(71). STRAIT OF MALACCA. GUNNERY.
1. GUNNERY EXERCISES 0001Z TO 1601Z DAILY 02 THRU 07,
09 THRU 14, 16 THRU 21, 23 THRU 28, 30 AND 31 DEC
IN AREA BOUND BY 04-33N 099-48E,
04-14N 100-17E, 04-53N 100-06E.
2. CANCEL THIS MSG 311701Z DEC.

(271050Z NOV 2002)

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 1/02 for those in-force as of 19 December 2001, 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 November 2002: 00-7, 01-1, 01-5, 01-7, 02-2, 02-5 and 02-7.

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 1/02 for those in-force as of 19 December 2001.

SPECIAL WARNINGS in force 27 November 2002: 1, 29, 77, 81, 82, 89, 92, 95, 107, 108, 111, 113, 114, 115, 116, 117, 118, 119 and 120.

MARINE INFORMATION**NEW EDITION OF RADIO NAVIGATIONAL AIDS**

Pub. 117, 2002 Edition, Radio Navigational Aids, is ready for issue.

In addition to the hardcopy version of this publication, NIMA is also including a digital version available with the publication in CD-ROM as well as being accessible via the NIMA Maritime Safety website at <http://pollux.nss.nima.mil/>. The digital dataset contains more robust and expansive features than available in the printed version.

The digital version of the publication will be updated using the binary patch executable called “Publication Data Update (PDU)”. PDU patches will be hosted on the NIMA Maritime Safety website along with instructions on how to properly download and apply the updates to the base data. PDU is cumulative, ensuring that customers will not miss any changes.

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

This edition contains new and updated information on the Global Maritime Distress and Safety System (GMDSS), including the operating Coast Stations of the International Maritime Organization (IMO) GMDSS Master Plan and contains information available to the National Imagery and Mapping Agency (NIMA) up to 5 October 2002, including Notice to Mariners No. 40 of 2002.

The IMO Sub-Committee on Radiocommunications and Search and Rescue has concurred with the opinion of the International Hydrographic Office that Maritime Safety Information communications and related information contained in the GMDSS Master Plan and in the GMDSS Handbook is most appropriately provided to ships in the official LISTS OF RADIO SIGNALS (Pub. 117, Radio Navigational Aids in the U.S.) published by National Hydrographic Offices or Telecommunications Authorities and kept up to date on a routine basis by Notice to Mariners, and agreed that these publications should be accepted for carriage to meet the requirements of SOLAS Regulation V/20.

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

NEW EDITION OF SAILING DIRECTIONS

Pub. 173, Sailing Directions (Enroute) India and the Bay of Bengal, Seventh Edition, 2002, is ready for issue. This publication has been corrected to 28 September 2002, including Notice to Mariners No. 39 of 2002.

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

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. _____

Latest correction applied: N.M. _____

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

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

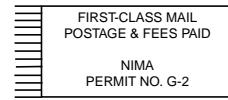
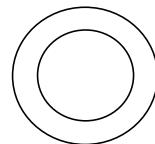
Details of Information Reported (continue on additional sheets as necessary) _____

Digitized by srujanika@gmail.com

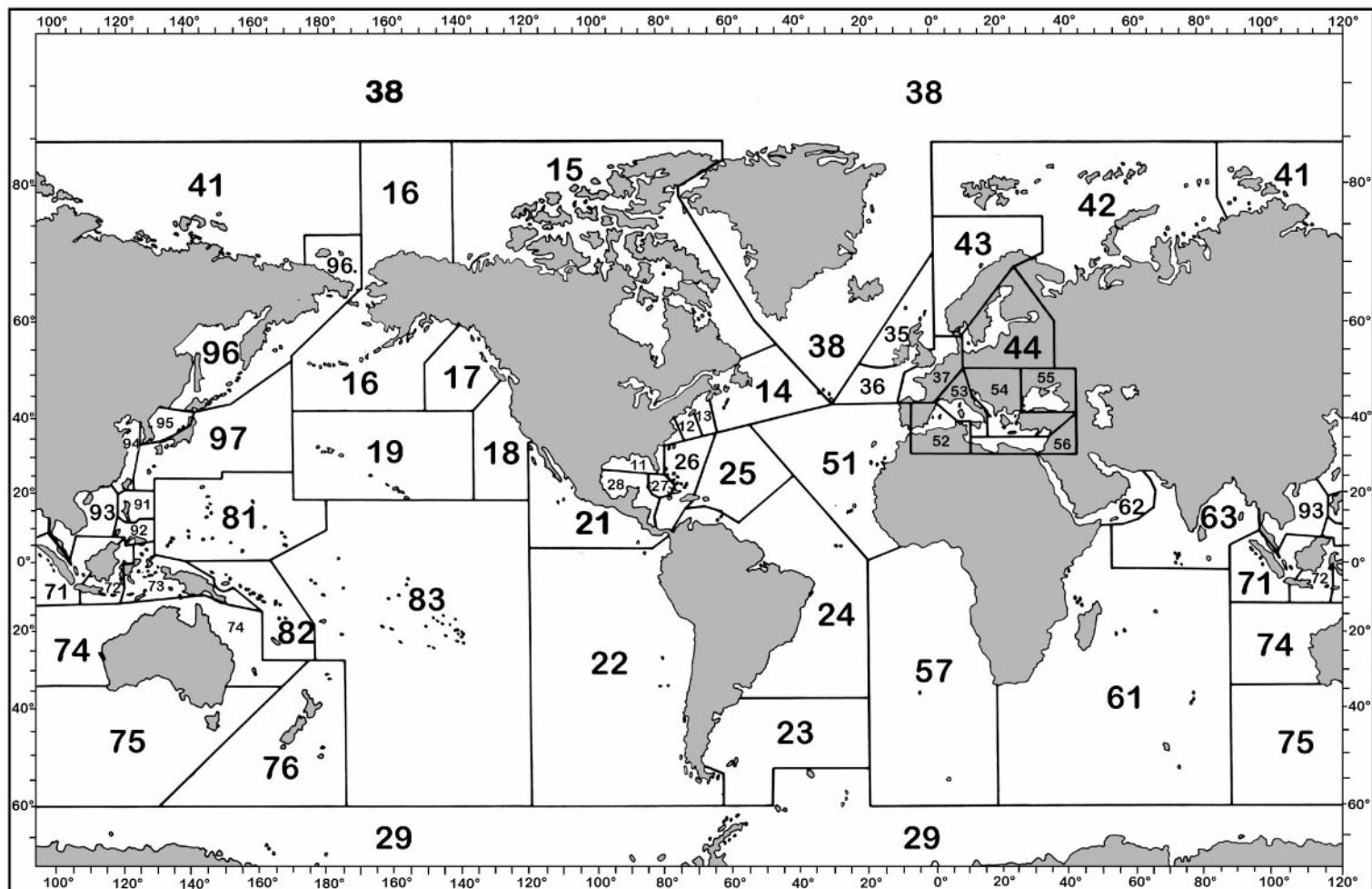
User Feedback (continue on additional sheets as necessary)



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



GEOGRAPHIC LOCATOR



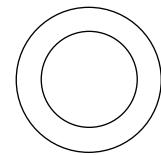
For chart numbering purposes, the world is divided into nine regions, each corresponding to the geographic limits of one of the nine regions in the NIMA Catalog of Maps, Charts, and Related Products, Part 2-Hydrographic Products, Volume 1. Each Region is further subdivided into the numbered Subregions 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 Subregion number of the pertinent geographic area, and then turning to the page or pages that list the chart numbers beginning with those two digits.

AFTER 5 DAYS RETURN TO

DEFENSE SUPPLY CENTER RICHMOND

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

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE \$300



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IMPORTANT NAVIGATIONAL INFORMATION TIME—DATED



**NOTICE TO
MARINERS**

PLEASE EXPEDITE DELIVERY