



No. 46



16 NOVEMBER 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](http://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](mailto:NavNotices@nima.mil), for information affecting Sailing Directions and all other navigational publications use [SDPUBS@nima.mil](mailto:SDPUBS@nima.mil), for information concerning the Maritime Safety Information Website, use [webmaster\\_nss@nima.mil](mailto:webmaster_nss@nima.mil).

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

<b>Observer</b>	<b>Ship/Organization</b>
QM2(SW) Philson	USS DENVER

**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 46/02**

# HYDROGRAM

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

SPECIAL  
ANNOUNCEMENTS

NEW PRODUCTS  
OR SERVICES

IMPORTANT  
CHANGES

**16 November 2002**

## **NEW EDITION OF DISTANCES BETWEEN UNITED STATES PORTS**

DISTANCES BETWEEN UNITED STATES PORTS, NINTH EDITION, 2002, IS AVAILABLE ON THE INTERNET. SEE SECTION III.

## EXPLANATION OF CONTENTS

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

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



A chart correction preceded by:

★ indicates that it is based upon original U.S. source information.

T indicates that it is temporary in nature.

P indicates that it is preliminary, and that permanent corrective action will appear in a future Notice to Mariners.

The letter M immediately following the chart number indicates that the correction should be applied to the metric side of the chart only. The letter N 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 46/02**

<b>703</b> (INT 703)	4Ed. 6/1/96	LAST NM 41/01	46/02		
Delete	Depth 155 meters, blue tint and enclosing danger circle in vicinity		13°07'N 51°23'E		
	(15(11)02 Brest)				
<b>705</b> (INT 705)	3Ed. 6/5/82	LAST NM 12/02	46/02		
Delete	Depth 155 meters "Rep (1981)", blue tint and enclosing depth contour in vicinity		13°07'N 51°23'E		
	(15(11)02 Brest)				
<b>11305</b>	1Ed. 10/2/99	LAST NM N36/02	N46/02		
Add	Tabulation of controlling depths from Subsection I-2				
	(NOS)				
<b>★11309</b>	36Ed. 1/12/02	LAST NM 36/02	46/02		
Add	Tabulation of controlling depths from Subsection I-2				
	(NOS)				
<b>11310</b>	1Ed. 9/25/99	LAST NM N21/02	N46/02		
Add	Tabulation of controlling depths from Subsection I-2				
	(NOS)				
<b>★11311</b>	23Ed. 1/26/02	LAST NM 21/02	46/02		
Add	Tabulation of controlling depths from Subsection I-2				
	(NOS)				
<b>11312</b>	3Ed. 10/20/01	LAST NM 36/02	46/02		
Add	Tabulation of controlling depths from Subsection I-2				
	(NOS)				
<b>11318</b>	1Ed. 10/2/99	LAST NM N29/02	N46/02		
Add	Tabulation of controlling depths from Subsection I-2				
	(NOS)				
<b>★11382</b>	39Ed. 9/02	NEW EDITION	46/02		
Add	Dangerous wreck [K28] (PA)		30°07'58"N 87°36'41"W		
	(Previously published 40/02)				
	(NOS)				
<b>★11425</b>	34Ed. 9/02	NEW EDITION	46/02		
	(NOS)				
<b>11520</b>	40Ed. 6/02	LAST NM 44/02	46/02		
Add	Dangerous wreck [K28] marked by buoy Y, Q (Priv)		33°46.2'N 78°35.9'W		
	(28/02 CG7)				
<b>11525</b>	6Ed. 9/23/00	LAST NM N44/02	N46/02		
Add	Dangerous wreck [K28] marked by buoy Y, Q (Priv)		33°46.2'N 78°35.9'W		
	(28/02 CG7)				
<b>★11535</b>	12Ed. 1/5/02	LAST NM 25/02	46/02		
Add	Dangerous wreck [K28] marked by buoy Y, Q (Priv)		33°46'11"N 78°35'54"W		
	(28/02 CG7)				
<b>12206</b>	29Ed. 6/02	LAST NM 38/02	46/02		
	<b>(Side A)</b>				
Delete	Dashed line between		36°51'28"N 76°19'45"W 36°51'21"N 76°19'58"W		
Change	Legend to "40 FT DEC 2001"		36°51'27"N 76°19'35"W		
Add	Dashed line (channel limit) joining		36°51'28"N 76°19'45"W 36°51'26"N 76°19'56"W 36°51'23"N 76°19'56"W		
	(NOS)				
<b>12221</b>	72Ed. 9/15/01	LAST NM 43/02	46/02		
Delete	Dangerous wreck (PD)		37°15'47"N 76°11'12"W		
Substitute	Depth 35 feet Wk [K26] for dangerous wreck "(35ft 1971)"		37°18'42"N 76°11'13"W		
	(NOS)				
<b>12222</b>	42Ed. 2/2/02	LAST NM 44/02	46/02		
Delete	Dashed line between		36°51'28"N 76°19'45"W 36°51'22"N 76°19'55"W		
	Depth 37 feet		36°51'26"N 76°19'46"W		
	Buoy "8"		36°54'27"N 76°19'43"W		
Relocate	Buoy "6" from 36°54'37"N 76°19'43"W to		36°54'40"N 76°19'48"W		
Change	Legend to "40 FT DEC 2001"		36°51'31"N 76°19'30"W		
Add	Dashed line (channel limit) joining		36°51'28"N 76°19'45"W 36°51'26"N 76°19'56"W 36°51'23"N 76°19'56"W		
	(NOS; 40/02 CG5)				
<b>★12224</b>	22Ed. 12/9/00	LAST NM 43/02	46/02		
Delete	Dangerous wreck "30ft rep (1971)"		37°15'47"N 76°11'13"W		
	(NOS)				
<b>12230</b>	58Ed. 7/14/01	LAST NM 44/02	46/02		
Delete	Legend "Tower"		38°11'40"N 76°05'22"W		
	(NOS)				
<b>12231</b>	26Ed. 12/29/01	LAST NM 35/02	46/02		
Delete	Legend "Tower"		38°11'42"N 76°05'21"W		
	(NOS)				
<b>★12238</b>	37Ed. 9/02	NEW EDITION	46/02		
Delete	Dangerous wreck "30ft rep (1971)"		37°15'47"N 76°11'15"W		
Add	Buoy "A" Y, Fl Y 2.5s (Priv)		37°14'23"N 76°27'33"W		
	(Previously published 44/02)				
	(NOS)				
<b>★12245</b>	60Ed. 1/26/02	LAST NM 38/02	46/02		
Delete	Buoy "8"		36°54'27.1"N 76°19'43.6"W		
Relocate	Buoy "6" from 36°54'39.4"N 76°19'44.6"W to		36°54'40.2"N 76°19'47.8"W		
	(40/02 CG5)				
<b>★12253</b>	42Ed. 1/5/02	LAST NM 42/02	46/02		
Delete	Dashed line between		36°51'47.6"N 76°19'20.9"W 36°51'24.9"N 76°19'57.6"W		
	Depth 37 feet		36°51'25.2"N 76°19'46.2"W		
	Depth 35 feet		36°51'25.3"N 76°19'56.3"W		
Change	Legend to "40 FT DEC 2001"		36°51'32.5"N 76°19'26.7"W		
Add	Dashed line (channel limit) joining		36°51'47.6"N 76°19'20.9"W 36°51'43.1"N 76°19'20.1"W 36°51'38.0"N 76°19'21.9"W 36°51'32.6"N 76°19'28.7"W 36°51'27.8"N 76°19'45.3"W 36°51'26.4"N 76°19'56.4"W 36°51'23.4"N 76°19'55.8"W		
	Depth 38 feet		36°51'33.4"N 76°19'17.3"W		
	Depth 39 feet		36°51'34.0"N 76°19'25.3"W		
	Depth 39 feet		36°51'31.9"N 76°19'14.6"W		
	(NOS)				
<b>12280</b>	3Ed. 7/02	LAST NM 45/02	46/02		
Delete	Dangerous wreck		37°15.7'N 76°11.2'W		
Substitute	Depth 35 feet Wk [K26] for dangerous wreck		37°18.7'N 76°11.2'W		
	(NOS)				

★12314	30Ed. 10/02	NEW EDITION	46/02	
	(NOS)			
★12316	28Ed. 8/25/01	LAST NM 45/02	46/02	
	(Side B)			
Add	Tabulation of controlling depths from Subsection I-2			
	(NOS)			
★12332	21Ed. 1/20/01	LAST NM 43/02	46/02	
Add	Tabulation of controlling depths from Subsection I-2			
	(NOS)			
★12333	32Ed. 10/02	NEW EDITION	46/02	
	(NOS)			
★12358	19Ed. 9/02	NEW EDITION	46/02	
	(NOS)			
14221	26Ed. 4/9/94	LAST NM 40/02	46/02	
Change	Legend to "37ft" 46°05'27"N 72°59'54"W			
	Legend to "37ft" 46°07'18"N 72°57'31"W			
	Legend to "37ft" 46°03'41"N 73°04'42"W			
	(4(1312)00	Ottawa)		
14222	16Ed. 4/29/95	LAST NM 46/00	46/02	
Delete	Purple dashed line joining 46°12'56"N 72°48'20"W			
	46°12'39"N 72°48'33"W			
	46°12'20"N 72°49'18"W			
	46°12'26"N 72°49'45"W			
Change	Legend to "37ft" 46°10'31"N 72°55'23"W			
	Legend to "37ft" 46°12'07"N 72°51'18"W			
	Legend to "37ft" 46°14'06"N 72°46'01"W			
	Legend to "37ft" 46°15'22"N 72°43'22"W			
	Legend to "37ft" 46°15'41"N 72°39'43"W			
Add	Purple dashed line (dredged area) joining 46°12'56"N 72°48'20"W			
	46°12'37"N 72°48'59"W			
	46°12'26"N 72°49'44"W			
	(4(1312)00	Ottawa)		
★14904	25Ed. 4/7/01	LAST NM 32/02	46/02	
	(Inset Kenosha Harbor)			
Substitute	Depth 10 feet for 14 feet 42°35'22.5"N 87°49'04.5"W			
	Depth 9 feet for 12 feet 42°35'20.0"N 87°48'28.8"W			
	(See 17/02-14904)			
Change	Legend to "14 FT APR 2002" 42°35'18"N 87°48'51"W			
	Legend to "10 FT APR 2002" 42°35'19"N 87°48'26"W			
	(NOS)			
★14970	25Ed. 3/19/94	LAST NM 40/02	46/02	
Change	Legend to "25 1/2 FT FOR MID-WIDTH OF 1400 FT SEP 2002" 46°32'13"N 87°23'00"W			
	Legend to "25 1/2 FT SEP 2002" 46°34'34"N 87°23'02"W			
	Legend to "30 FT SEP 2002" 46°34'27"N 87°22'50"W			
	(See 6/02-14970)			
	(NOS)			
★16741	9Ed. 1/10/98	LAST NM 47/01	46/02	
Delete	Depth 7 fathoms 4 feet 59°55'28"N 141°27'46"W			
	Depth 26 fathoms 59°58'35"N 141°17'08"W			
	Depth 26 fathoms 59°58'14"N 141°17'33"W			
Substitute	Depth 8 fathoms 3 feet for 14 fathoms 59°53'28"N 141°29'47"W			
	Depth 7 fathoms 5 feet for 17 fathoms 59°53'50"N 141°29'40"W			
	Depth 5 fathoms 3 feet for 16 fathoms 59°54'12"N 141°29'30"W			
	Depth 4 fathoms 5 feet for 16 fathoms 59°54'34"N 141°29'31"W			
	Depth 1 fathom 5 feet for 2 fathoms 3 feet 59°55'36"N 141°25'39"W			
	Depth 4 fathoms 3 feet for 6 fathoms 59°55'42"N 141°27'11"W			
	Depth 1 fathom 1 foot for 3 fathoms 4 feet 59°56'26"N 141°22'41"W			

	Depth 5 fathoms 3 feet for 7 fathoms 3 feet 59°56'40"N 141°24'25"W		
	Depth 0 fathom 5 feet for 6 fathoms 3 feet 59°57'23"N 141°18'03"W		
	Depth 1 fathom 1 foot for 4 fathoms 59°57'43"N 141°18'37"W		
	Depth 5 fathoms 1 foot for 25 fathoms 59°57'52"N 141°17'38"W		
	Depth 7 fathoms 5 feet for 12 fathoms 59°58'16"N 141°21'32"W		
	Depth 4 fathoms 1 foot for 5 fathoms 5 feet 59°58'35"N 141°20'42"W		
	Depth 4 fathoms 3 feet for 6 fathoms 3 feet 59°58'37"N 141°31'40"W		
	Depth 4 fathoms for 6 fathoms 5 feet 59°58'42"N 141°19'04"W		
	Depth 8 fathoms 5 feet for 12 fathoms 59°58'45"N 141°18'12"W		
Add	Depth 3 fathoms 3 feet 59°55'28"N 141°27'41"W		
	Depth 2 fathoms 1 foot 59°56'41"N 141°23'16"W		
	Depth 4 fathoms 3 feet 59°57'29"N 141°33'56"W		
	Depth 8 fathoms 5 feet 59°58'05"N 141°32'35"W		
	Depth 3 fathoms 5 feet 59°58'14"N 141°32'30"W		
	Depth 1 fathom 1 foot 59°58'16"N 141°17'38"W		
	Depth 0 fathom 5 feet 59°58'34"N 141°17'13"W		
	Depth 8 fathoms 5 feet 59°59'02"N 141°18'59"W		
	Depth 4 fathoms 5 feet 59°59'13"N 141°19'53"W		
	Depth 9 fathoms 5 feet 59°59'24"N 141°19'16"W		
	(NOS)		
★17300	29Ed. 10/13/01	LAST NM 1/02	46/02
Delete	Legend "5" G 57°54.6'N 135°07.6'W		
	(NOS)		
★17402	10Ed. 8/02	NEW EDITION	46/02
	(NOS)		
22052	6Ed. 1/14/95	LAST NM 28/02	46/02
Delete	Anchorage area "No. 4" in vicinity 3°53'46.5"N 77°05'14.4"W		
	(See 28/02-22052)		
Add	Anchorage area "No. 4" bound by purple dashed line joining 3°54'13.0"N 77°05'20.0"W		
	3°54'03.0"N 77°05'13.0"W		
	3°53'55.0"N 77°05'26.0"W		
	3°54'05.0"N 77°05'32.0"W		
	(Plan)		
Delete	Anchorage area "No. 4" in vicinity 3°53'46.5"N 77°05'14.4"W		
Add	Anchorage area "No. 4" bound by purple dashed line joining 3°54'13.0"N 77°05'20.0"W		
	3°54'03.0"N 77°05'13.0"W		
	3°53'55.0"N 77°05'26.0"W		
	3°54'05.0"N 77°05'32.0"W		
	(47/02 Bogota)		
22404	15Ed. 2/7/87	LAST NM 17/96	46/02
Change	Visibility (range) of light to 7M 52°32'54"S 73°38'10"W		
	Light to Fl(2)G 6s 6m 6M 52°34'04"S 73°38'05"W		
	(11(208)01	Valparaiso)	
22410	32Ed. 7/19/97	LAST NM 44/02	46/02
Change	Light to Fl 3s 7M 53°53.7'S 71°18.5'W		
	(11(209)01	Valparaiso)	
22418	2Ed. 10/25/97	LAST NM 44/02	46/02
Change	Characteristic of buoy to Fl(2) R 6s 54°52.1'S 70°19.5'W		
	(11(210)01	Valparaiso)	
22421	4Ed. 9/15/87	LAST NM N44/02	N46/02
Change	Light to Fl 3s 22m 7M 53°53.7'S 71°18.0'W		
	(11(209)01	Valparaiso)	
22425	2Ed. 2/27/99	LAST NM 44/02	46/02
Change	Light to Fl 3s 22m 7M 53°53.7'S 71°18.6'W		
	(11(209)01	Valparaiso)	

## SECTION I

NM 46/02

<b>22427</b>	1Ed. 10/10/88 LAST NM N44/02	N46/02	
	Change Light to Fl 3s 22m 7M	53°53.7'S 71°18.1'W	
	(11(209)01 Valparaiso)		
<b>22429</b>	Ed. 1/1/73 LAST NM N24/02	N46/02	
	Change Characteristic of buoy to Fl(2) R 6s	54°52.0'S 70°19.6'W	
	(11(210)01 Valparaiso)		
<b>24469</b>	1Ed. 8/22/87 LAST NM 20/02	46/02	
	Add Buoy RW, pillar, Q	12°18'20"N 71°59'15"W	
	(45/02 Bogota)		
<b>24492</b>	20Ed. 11/26/94 LAST NM 31/02	46/02	
	Add "RECREATIONAL CRAFT ANCHORAGE"		
	area [N12.1] bound by dashed line joining		
		11°14'49"N 74°13'00"W	
		11°14'49"N 74°12'58"W	
		11°14'47"N 74°12'58"W	
		11°14'47"N 74°13'00"W	
	(See 27/97-24492)		
	(47/02 Bogota)		
<b>24502</b>	6Ed. 3/13/99 LAST NM 10/01	46/02	
	(Panel A)		
	Add "RECREATIONAL CRAFT ANCHORAGE"		
	area [N12.1] bound by purple dashed line		
	joining	11°02'51"N 74°49'42"W	
		11°02'40"N 74°49'25"W	
		11°02'36"N 74°49'28"W	
		11°02'48"N 74°49'45"W	
	(47/02 Bogota)		
<b>24504</b>	7Ed. 6/17/95 LAST NM 45/02	46/02	
	Add Pilot station symbol [T1.1]	10°18'54"N 75°35'55"W	
	(46/02 Bogota)		
<b>24508</b>	2Ed. 5/27/95 LAST NM 45/02	46/02	
	Add Pilot station symbol [T1.1]	10°18'54"N 75°35'55"W	
	(46/02 Bogota)		
<b>24510</b>	2Ed. 6/24/95 LAST NM 45/02	46/02	
	Add Pilot station symbol [T1.1]	10°18'54"N 75°35'55"W	
	(46/02 Bogota)		
<b>24512</b>	3Ed. 9/20/97 LAST NM 44/02	46/02	
	Delete Pilot station symbol	9°33'00"N 75°44'30"W	
	Add Pilot station symbol [T1.1]	9°32'30"N 75°50'00"W	
	"RECREATIONAL CRAFT ANCHORAGE"		
	area [N12.1] bound by purple dashed line		
	joining	9°41'36"N 75°42'53"W	
		9°41'36"N 75°41'39"W	
		9°40'21"N 75°41'39"W	
		9°40'21"N 75°42'53"W	
	"RECREATIONAL CRAFT ANCHORAGE"		
	area [N12.1] bound by purple dashed line		
	joining	9°31'36"N 75°35'30"W	
		9°31'36"N 75°35'16"W	
		9°31'21"N 75°35'16"W	
		9°31'21"N 75°35'30"W	
	"RECREATIONAL CRAFT ANCHORAGE"		
	area [N12.1] bound by purple dashed line		
	joining	9°25'42"N 75°40'00"W	
		9°25'42"N 75°39'42"W	
		9°25'24"N 75°39'42"W	
		9°25'24"N 75°40'00"W	
	"RECREATIONAL CRAFT ANCHORAGE"		
	area [N12.1] bound by purple dashed line		
	joining	9°24'54"N 75°46'54"W	
		9°24'54"N 75°46'36"W	
		9°24'36"N 75°46'36"W	
		9°24'36"N 75°46'54"W	
	(46, 47/02 Bogota)		
<b>24513</b>	18Ed. 1/17/98 LAST NM 14/98	46/02	
	Add "RECREATIONAL CRAFT ANCHORAGE"		
	area [N12.1] bound by purple dashed line		
	joining	9°25'42"N 75°40'00"W	
		9°25'42"N 75°39'42"W	
		9°25'24"N 75°39'42"W	
		9°25'24"N 75°40'00"W	
	"RECREATIONAL CRAFT ANCHORAGE"		
	area [N12.1] bound by purple dashed line		
	joining	9°24'54"N 75°46'54"W	
		9°24'54"N 75°46'36"W	
		9°24'36"N 75°46'36"W	
		9°24'36"N 75°46'54"W	
	(47/02 Bogota)		
<b>24517</b>	2Ed. 6/10/95 LAST NM 19/02	46/02	
	Add "RECREATIONAL CRAFT ANCHORAGE"		
	area [N12.1] bound by dashed line joining		
		8°04'06"N 76°43'53"W	
		8°04'06"N 76°43'39"W	
		8°03'53"N 76°43'39"W	
		8°03'53"N 76°43'53"W	
	(47/02 Bogota)		
<b>25480</b>	1Ed. 1/21/95 LAST NM 42/02	46/02	
	Change Characteristic of buoy to Fl G 3s	12°02'48.2"N 61°45'28.8"W	
	and add designation "3"		
	(See 42/02-25480)		
	(BA CH 799)		
<b>26081</b>	8Ed. 5/11/85 LAST NM 17/01	46/02	
	Add Anchorage symbol (small vessels) [N10]	12°34'34"N 81°41'46"W	
	(47/02 Bogota)		
<b>28190</b>	2Ed. 6/5/99 LAST NM 45/02	46/02	
	Relocate Light from 20°29.1'N 86°58.0'W to	20°29.7'N 86°57.8'W	
	and change visibility (range) to 15M		
	(Mex LL; NTM0007/2002)		
<b>35270</b>	2Ed. 8/2/97 LAST NM 38/02	46/02	
	Delete Marine farm symbol	56°13'23"N 5°34'31"W	
	Add Danger circle [K40] "Obstn (Marine farm)"	56°13'59"N 5°36'00"W	
	(39(4107)02 Taunton)		
<b>35276</b>	3Ed. 3/21/98 LAST NM 1/00	46/02	
	Delete Marine farm symbol	56°13'23.1"N 5°34'30.6"W	
	Add Danger circle [K40] "Obstn (Marine farm)"	56°13'59.4"N 5°36'00.0"W	
	Danger circle [K40] "Obstn (Marine farm)"	56°13'39.0"N 5°36'48.6"W	
	(39(4107)02 Taunton)		
<b>35277</b>	3Ed. 5/2/98 LAST NM 38/02	46/02	
	Delete Marine farm symbol	56°13'23.1"N 5°34'30.6"W	
	Add Danger circle [K40] "Obstn (Marine farm)"	56°13'59.4"N 5°36'00.0"W	
	Danger circle [K40] "Obstn (Marine farm)"	56°13'39.0"N 5°36'48.6"W	
	(39(4107)02 Taunton)		
<b>36005</b>	(INT 1070) 2Ed. 2/24/96 LAST NM 45/02	46/02	
	Add Submarine cable [L30.1] joining	49°00.0'N 3°57.1'W	
		49°00.0'N 5°29.0'W	
		48°57.9'N 5°39.2'W	
		48°58.2'N 6°05.9'W	
		48°51.1'N 6°18.1'W	
	Submarine cable [L30.1] between	49°24.9'N 4°27.9'W	
		49°20.3'N 4°11.6'W	
	Submarine cable [L30.1] joining	49°11.4'N 3°00.1'W	
		49°10.5'N 2°48.0'W	
		49°10.0'N 2°44.6'W	
		49°05.0'N 2°42.7'W	
	(42(19)01, 13(15)02 Brest)		

**36015** 2Ed. 3/1/97 LAST NM 36/02 46/02  
 Add Submarine cable [L30.1] joining 49°00.0'N 4°52.0'W  
 49°00.0'N 5°14.9'W  
 49°00.2'N 5°19.0'W  
 48°57.9'N 5°39.2'W  
 48°58.2'N 6°05.9'W  
 48°51.6'N 6°18.1'W  
 (13(15)02 Brest)

**36061** 5Ed. 10/4/97 LAST NM 44/00 46/02  
 Add Submarine cable (power) [L31.1] between 53°20'08"N 6°12'02"W  
 53°19'46"N 6°12'31"W  
 (39(4108)02 Taunton)

**36062** 11Ed. 9/15/01 LAST NM 40/02 46/02  
 Add Submarine cable (power) [L31.1] between 53°20'08.4"N 6°12'02.4"W  
 53°19'45.6"N 6°12'30.6"W  
 (39(4108)02 Taunton)

**36120** 9Ed. 2/8/97 LAST NM 31/02 46/02  
 Delete Chimney symbol and legend "2 Chimneys" 54°34.0'N 3°34.9'W  
 (22(2265)02 Taunton)

**36123** 25Ed. 8/23/97 LAST NM 21/02 46/02  
 Add Light Fl G 5s to buoy 53°21.8'N 3°19.3'W  
 (22(2266)02 Taunton)

**36164** 7Ed. 8/29/98 LAST NM 44/02 46/02  
 Delete (Plan A) Depth 5.9 meters 51°30'28.2"N 2°44'38.3"W  
 Add Depth 3.8 meters, blue tint and enclosing depth contour (5-meter) 51°30'27.3"N 2°44'36.3"W  
 (39(4111)02 Taunton)

**37050** 9Ed. 6/29/96 LAST NM 42/02 46/02  
 Add Submarine cable [L30.1] joining 49°00'02"N 3°57'06"W  
 49°00'02"N 5°29'03"W  
 48°58'10"N 6°05'54"W  
 48°51'08"N 6°18'00"W  
 Submarine cable [L30.1] between 49°24'56"N 4°27'54"W  
 49°20'17"N 4°11'36"W  
 (42(19)01, 13(15)02 Brest)

**37060** 3Ed. 8/16/97 LAST NM 31/02 46/02  
 Add Submarine cable [L30.1] between 49°24.9'N 4°27.9'W  
 49°22.9'N 4°21.6'W  
 (42(19)01 Brest)

**37080** 3Ed. 12/28/96 LAST NM 45/02 46/02  
 Add Submarine cable [L30.1] joining 48°43.3'N 2°35.4'W  
 48°40.9'N 2°35.8'W  
 48°39.9'N 2°38.6'W  
 48°38.0'N 2°40.5'W  
 48°35.6'N 2°43.3'W  
 48°34.4'N 2°44.1'W  
 48°34.1'N 2°45.2'W  
 48°37.9'N 2°45.4'W  
 Submarine cable [L30.1] joining 49°11.4'N 3°00.1'W  
 49°11.2'N 2°53.9'W  
 49°11.6'N 2°51.8'W  
 49°11.1'N 2°49.2'W  
 49°10.5'N 2°48.0'W  
 49°10.0'N 2°44.6'W  
 49°05.0'N 2°42.7'W  
 (42(19)01 Brest)

**37136** 6Ed. 9/5/98 LAST NM 38/02 46/02  
 Add Depth 8 meters 51°29'15.8"N 0°27'56.5"E  
 (Inset)  
 Delete Light and sector limits 51°26'53.2"N 0°20'16.0"E  
 (40(4232)02 Taunton)

**37137** 6Ed. 4/18/98 LAST NM 52/00 46/02  
 Delete Light and sector limits 51°26'53.2"N 0°20'16.0"E

Add Foul ground symbol [K31] (PA) 51°27'46.8"N 0°18'02.5"E  
 (40(4232)02 Taunton)

**37145** 23Ed. 8/22/98 LAST NM 31/00 46/02  
 Add Buoy "EESAC B" Y, conical, Fl Y 10s 51°30'13"N 0°50'48"E  
 (41(4319)02 Taunton)

**37330** 2Ed. 7/12/97 LAST NM 40/02 46/02  
 Add Submarine cable [L30.1] between 49°00.0'N 3°57.1'W  
 49°00.0'N 4°50.1'W  
 Submarine cable [L30.1] joining 49°24.9'N 4°27.9'W  
 49°23.7'N 4°24.5'W  
 49°23.5'N 4°23.0'W  
 49°20.3'N 4°11.6'W  
 Submarine cable [L30.1] joining 48°43.3'N 2°35.4'W  
 48°40.9'N 2°35.8'W  
 48°39.9'N 2°38.6'W  
 48°38.0'N 2°40.5'W  
 48°35.6'N 2°43.3'W  
 48°34.4'N 2°44.1'W  
 48°34.1'N 2°45.2'W  
 48°37.9'N 2°45.4'W  
 Submarine cable [L30.1] joining 49°11.4'N 3°00.1'W  
 49°11.2'N 2°53.9'W  
 49°11.6'N 2°51.8'W  
 49°11.1'N 2°49.2'W  
 49°10.5'N 2°48.0'W  
 49°10.0'N 2°44.6'W  
 49°05.0'N 2°42.7'W  
 (42(19)01, 13(15)02 Brest)

**37400** (INT 1803) 10Ed. 3/12/88 LAST NM 44/02 46/02  
 Delete Wreck (PD) 45°55.0'N 1°25.0'W  
 (42(20)01 Brest)

**37501** 3Ed. 2/8/97 LAST NM 47/00 46/02  
 Substitute Depth 7.6 meters for 13 meters and extend depth contour and blue tint to enclose 43°19'20"N 8°41'37"W  
 Depth 15.6 meters for 18 meters ED 43°22'17"N 8°29'48"W  
 (6(75)02 Cadiz)

**37505** 2Ed. 11/23/85 LAST NM 8/01 46/02  
 Add Depth 48 meters and extend depth contour (50-meter) SW to enclose 43°22'08"N 8°52'17"W  
 Depth 7.6 meters and extend depth contour (10-meter) SE to enclose 43°19'20"N 8°41'39"W  
 Depth 15.6 meters enclosed by depth contour (20-meter) 43°22'17"N 8°29'50"W  
 (6(75)02 Cadiz)

**37506** 4Ed. 6/24/00 LAST NM 45/02 46/02  
 Relocate Light from 43°21'32.1"N 8°14'39.6"W to 43°21'34.8"N 8°14'40.5"W  
 Add Double solid line with land tint (breakwater extension) between 43°21'32.1"N 8°14'39.6"W  
 43°21'34.8"N 8°14'40.5"W  
 (8(123)02 Cadiz)

**43101** 3Ed. 10/19/96 LAST NM 24/99 46/02  
 Add Danger circle [K40] "Obstn (Marine farm)" 70°14'06"N 21°28'13"E  
 (23(1172)97 Stavanger)

**43102** 4Ed. 10/12/96 LAST NM 16/99 46/02  
 Add Danger circle [K40] "Obstn (Marine farm)" 69°56'39"N 20°41'25"E  
 (23(1171)97 Stavanger)

**43104** 4Ed. 8/17/96 LAST NM 16/99 46/02  
 Add Danger circle [K40] "Obstn (Marine farm)" 69°56'39"N 20°41'25"E  
 (23(1171)97 Stavanger)

## SECTION I

NM 46/02

<b>43364</b>	5Ed. 12/19/92 LAST NM 45/02	46/02			
	Delete Anchorage symbol (large vessels)		58°07'37.5"N 7°58'55.2"E	Add Submarine cable [L30.1] between	59°26'49"N 17°31'58"E
	Anchorage symbol (large vessels)		58°08'31.7"N 8°00'20.1"E	(1-2(14), 22(297)02 Norrkoping)	59°26'43"N 17°32'46"E
	(23(1173)97 Stavanger)				
<b>43375</b>	7Ed. 8/22/92 LAST NM 24/01	46/02			
	Add Light 2 FR		58°53'56"N 11°01'12"E	<b>44206</b> 1Ed. 12/27/86 LAST NM 24/01	46/02
	Buoy G, spar		58°54'11"N 11°02'30"E	Change Light to Fl WRG 5s 31m 9-6M	61°32'32"N 17°28'00"E
	(Swd CH 935)			Note: Sectors remain unchanged	
				Add Light Fl R 3s	61°22'45"N 17°07'02"E
				(1-2(15), 22(289)02 Norrkoping)	
<b>44030</b>	7Ed. 6/14/97 LAST NM 20/02	46/02		<b>44220</b> 5Ed. 8/23/97 LAST NM 43/01	46/02
	Change Light to Fl WRG 9-6M		61°33.0'N 17°28.0'E	Change Light to Fl WRG 5s 31m 9-6M	61°32.6'N 17°28.0'E
	(1-2(15)02 Norrkoping)			Note: Sectors remain unchanged	
				Add Light Fl R 3s	61°22.7'N 17°07.0'E
				(1-2(15), 22(289)02 Norrkoping)	
<b>44049</b>	9Ed. 6/15/96 LAST NM 44/02	46/02		<b>51164</b> 18Ed. 2/5/00 LAST NM 45/02	46/02
	Change Sectors of light to red 265°-303°, green-328°,		55°23'35"N 12°56'59"E	Add Submarine pipeline (sewer) [L41.1] between	36°28'00"N 6°15'24"W
	white-333°, red-005°, white-065°, red-175°			(6(76)02 Cadiz)	36°28'01"N 6°16'56"W
	(35(650)01 Norrkoping)				
<b>44160</b>	7Ed. 4/5/97 LAST NM 44/01	46/02		<b>51168</b> 2Ed. 6/25/94 LAST NM 45/02	46/02
	Delete Anchorage area in vicinity		58°36.0'N 17°32.0'E	Add Submarine pipeline (sewer) [L41.1] between	36°28'00"N 6°15'24"W
				(6(76)02 Cadiz)	36°28'01"N 6°16'56"W
	Add Anchorage area [N12.1] bound by dashed line		58°36.9'N 17°31.5'E		
	joining		58°36.9'N 17°34.8'E	<b>52043</b> 21Ed. 7/4/98 LAST NM 33/01	46/02
			58°35.9'N 17°34.8'E	Delete "Being reclaimed (1986)" area in vicinity	36°10'08.0"N 5°22'45.0"W
			58°35.9'N 17°31.5'E		
	Anchorage area [N12.1] bound by dashed line		58°33.0'N 17°28.5'E	Add "Works in progress (2002)" area bound by	36°10'09.6"N 5°22'49.8"W
	joining		58°34.5'N 17°31.5'E	shore and dashed line joining	36°09'52.8"N 5°22'23.4"W
			58°33.0'N 17°31.5'E	(6(80)02 Cadiz)	36°10'00.0"N 5°22'16.2"W
			58°33.0'N 17°28.5'E		36°10'07.8"N 5°22'18.0"W
	(35(645)01 Norrkoping)				
<b>44164</b>	1Ed. 12/2/89 LAST NM 5/99	46/02		<b>52082</b> 3Ed. 9/16/00 LAST NM 45/02	46/02
	Change Green sector of light shore-270° to 255°-270°		58°36'24.0"N 16°52'36.0"E	Add "Marine Farm (marked by buoys)" area bound	38°07'05"N 0°35'52"W
				by dashed line joining	38°07'16"N 0°35'52"W
					38°07'16"N 0°35'32"W
	Add Submarine cable (power) [L31.1] between		58°37'36.0"N 16°58'12.0"E	(5(62)02 Cadiz)	38°07'05"N 0°35'32"W
			58°37'28.2"N 16°58'32.4"E		
	(1-2(13, 19)02 Norrkoping)			<b>52083</b> 2Ed. 11/9/96 LAST NM 45/02	46/02
<b>44165</b>	1Ed. 10/6/90 LAST NM 32/01	46/02		Add Fish haven symbol [K46.1]	40°27'47"N 0°31'00"E
	Delete Anchorage area in vicinity		58°36'00"N 17°32'00"E	Fish haven symbol [K46.1]	40°20'04"N 0°25'53"E
				Fish haven symbol [K46.1]	40°19'00"N 0°26'02"E
	Add "ANCHORAGE AREA B" [N12.2] bound by		58°34'30"N 17°28'30"E	"Fish haven" area with blue tint [K46.1] bound	40°19'32"N 0°24'43"E
	dashed line joining		58°34'30"N 17°31'30"E	by dotted line (limiting danger line) joining	40°19'11"N 0°25'25"E
			58°33'00"N 17°31'30"E		40°18'50"N 0°24'43"E
			58°33'00"N 17°28'30"E	(8(132), 10(181)02 Cadiz)	40°19'11"N 0°24'01"E
	"ANCHORAGE AREA A" [N12.2] bound by		58°36'54"N 17°31'30"E	<b>52092</b> 1Ed. 12/11/93 LAST NM 48/96	46/02
	dashed line joining		58°36'54"N 17°34'48"E	Add Fish haven symbol [K46.1]	40°27'46.8"N 0°31'00.0"E
			58°35'54"N 17°34'48"E	(10(181)02 Cadiz)	
			58°35'54"N 17°31'30"E	<b>52121</b> 8Ed. 8/12/95 LAST NM 45/02	46/02
	Buoy G, spar, cone topmark		58°42'30"N 17°17'46"E	Add "Fish haven" area with blue tint [K46.1] bound	40°50'35"N 0°46'19"E
	Buoy R, spar, can topmark		58°42'29"N 17°17'44"E	by dotted line (limiting danger line) joining	40°50'35"N 0°46'32"E
	(35(645)01, 22(299)02 Norrkoping)				40°49'55"N 0°46'34"E
					40°49'54"N 0°46'20"E
<b>44180</b>	6Ed. 7/6/91 LAST NM 45/02	46/02		"Fish haven" area with blue tint [K46.1] bound	40°51'10"N 0°46'49"E
	Add Buoy G, pillar, QG		59°06.5'N 17°41.7'E	by dotted line (limiting danger line) joining	40°51'11"N 0°47'03"E
	Buoy R, pillar, Fl R 3s		59°05.6'N 17°39.8'E		40°49'50"N 0°47'06"E
	(1-2(23)02 Norrkoping)				40°49'49"N 0°46'52"E
<b>44186</b>	2Ed. 6/15/96 LAST NM 45/02	46/02			
	Delete Submarine cable in vicinity		59°31'07"N 18°32'36"E		
	Add Submarine cable (power) [L31.1] between		59°31'14"N 18°32'23"E		
			59°30'44"N 18°32'14"E		
	(22(291)02 Norrkoping)				
<b>44192</b>	1Ed. 12/18/93 LAST NM 29/02	46/02			
	Delete Overhead power cable in vicinity		59°18'00"N 17°26'00"E		

(continued on next page)

<b>52121</b>	(Continued)				
	"Fish haven" area with blue tint [K46.1] bound by dotted line (limiting danger line) joining	40°47'14"N 0°50'47"E 40°47'27"N 0°51'17"E 40°44'32"N 0°53'31"E 40°44'26"N 0°53'19"E 40°47'13"N 0°51'13"E 40°47'05"N 0°50'54"E			
	Fish haven area with blue tint [K46.1] bound by existing fish haven and dotted line (limiting danger line) joining	40°47'31"N 0°51'01"E 40°47'21"N 0°51'02"E 40°47'32"N 0°50'16"E 40°47'42"N 0°50'21"E			
	(12(214)02 Cadiz)				
<b>52125</b>	1Ed. 4/28/01 LAST NM 45/02		46/02		
	Add Depth 21 meters Wk [K26] (11(198)02 Cadiz)	41°17'13"N 2°08'48"E			
<b>53086</b>	8Ed. 6/4/94 LAST NM 20/02		46/02		
	Add Submarine pipeline (water) [L41.1] joining	43°47'16.2"N 7°36'27.0"E 43°46'57.6"N 7°36'48.0"E 43°46'38.4"N 7°37'46.2"E 43°46'35.4"N 7°38'41.4"E 43°46'24.0"N 7°39'13.2"E 43°46'28.0"N 7°40'00.0"E			
	(4(2)00 Genova)				
<b>53125</b>	2Ed. 2/17/96 LAST NM 36/01		46/02		
	Delete Purple composite line between	42°56'32.4"N 10°33'58.8"E 42°56'57.0"N 10°33'46.2"E			
	Add Purple composite line between	42°56'26.4"N 10°33'01.8"E 42°56'32.4"N 10°33'58.8"E			
	(23(4)00 Genova)				
<b>53133</b>	3Ed. 10/20/01 LAST NM 41/02 (Plan A)		46/02		
	Delete Purple composite line between	42°56'32.4"N 10°33'58.8"E 42°56'56.4"N 10°33'46.2"E			
	Add Purple composite line between	42°56'32.4"N 10°33'58.8"E 42°56'26.4"N 10°33'04.9"E			
	(23(4)00 Genova)				
<b>53265</b>	6Ed. 5/18/96 LAST NM 41/02		46/02		
	Add Stranded wreck [K24] (23(8)00 Genova)	39°12'25.2"N 8°19'54.6"E			
<b>★54090</b>	3Ed. 9/14/02 NEW EDITION		46/02		
	Add Purple dashed-line circle "Cargo Transhipment Area" [N64] centered (Previously published 40/02)	40°34.8'N 18°06.8'E			
	(NIMA)				
<b>★54095</b>	3Ed. 9/14/02 NEW EDITION		46/02		
	Add Buoy (wavemeter) Y, spherical, "X" topmark, Fl(5) Y 20s (Previously published 39/02)	40°58.5'N 17°22.6'E			
	Add Danger circle "Obstn (Marine farm, marked by buoys)" (Previously published 40/02)	41°27.0'N 16°05.4'E			
	(NIMA)				
<b>★54105</b>	3Ed. 8/31/02 NEW EDITION		46/02		
	Substitute Submerged well "MRM 1-4" [L21.1] for platform "MORMORA 1-4"	43°16.0'N 13°50.5'E			
	Disused pipeline [L44] for pipeline in vicinity	43°12.6'N 13°54.7'E			
	Add Buoy (wavemeter) Y, spherical, "X" topmark, Fl(5) Y 20s (NIMA; 1(5), 7(5), 9(6)02 Genova)	42°24.5'N 14°32.0'E			
<b>★54115</b>	3Ed. 08/31/02 NEW EDITION		46/02		
	Add Submarine pipeline (gas) [L40.1] with legend "CAUTION NO 1" joining	43°46.7'N 14°04.3'E 43°53.9'N 14°09.2'E 43°56.2'N 13°58.6'E			
	(Previously published 41/02)				
	Substitute Submerged well "MRM 1-4" [L21.1] for platform "MORMORA 1-4"	43°16.0'N 13°50.5'E			
	Disused pipeline [L44] for pipeline in vicinity (NIMA; 1(5), 7(5)02 Genova)	43°12.6'N 13°54.7'E			
<b>★54125</b>	3Ed. 8/17/02 NEW EDITION		46/02		
	Add "FISH PROHIB" [N21] area bound by shore and purple composite line joining	45°46.8'N 13°34.8'E 45°45.1'N 13°35.2'E 45°44.3'N 13°37.2'E 45°41.0'N 13°42.8'E 45°41.0'N 13°40.0'E 45°39.5'N 13°40.0'E 45°37.3'N 13°39.2'E 45°35.7'N 13°43.4'E			
	(Previously published 37/02)				
	(NIMA)				
<b>62000</b>	20Ed. 1/12/91 LAST NM 18/02		46/02		
	Delete Depth 155 meters "Rep (1981)" and enclosing depth contour (15(11)02 Brest)	13°07.0'N 51°23.0'E			
<b>62434</b>	9Ed. 12/8/01 LAST NM 40/02		46/02		
	Delete Designation "19" from buoy	29°55'21.5"N 48°17'50.0"E			
	Dangerous wreck "Rep(1990)" (PA)	29°54'24.0"N 48°18'56.0"E			
	Stranded wreck	29°55'06.0"N 48°18'36.0"E			
	Add Designation "N22" to beacon Depth 6 meters Wk [K26] (26(2686)02 Taunton; BA CH 1235; BA LL)	29°54'05.0"N 48°17'54.0"E 29°54'19.0"N 48°18'24.0"E			
<b>62437</b>	9Ed. 9/5/98 LAST NM 32/02		46/02		
	Delete Beacon "No 13"	29°57'14.0"N 48°03'12.0"E			
	Buoy	30°01'34.0"N 48°02'36.0"E			
	Buoy "No 22"	29°59'55.5"N 48°12'33.5"E			
	Designation from buoy "No 19"	29°55'22.0"N 48°17'51.0"E			
	Relocate Buoy "No 23" from 30°00'07.5"N 48°12'44.5"E to and change color to B	30°00'10.0"N 48°12'58.0"E			
	Change Designation of beacon "No 12" to "N15"	29°56'02.0"N 48°01'52.0"E			
	Designation of beacon "No 9" to "N13"	29°54'20.2"N 48°01'20.5"E			
	Designation of beacon "No 11" to "N14"	29°54'56.1"N 48°01'21.5"E			
	Buoy "No 21" to (undesignated) G, conical, Fl	29°57'47.0"N 48°15'09.0"E			
	Buoy "No 24" to "No 8" R, can, Fl(3) R 10s	30°00'39.0"N 48°11'05.5"E			
	Beacon to "N16" R, Fl(3) R 5s 3m 5M	29°58'00.0"N 48°03'39.0"E			
	Add Designation "N22" to beacon	29°54'04.7"N 48°17'53.5"E			
	Designation "N20" to beacon	29°56'46.5"N 48°14'30.5"E			
	Designation "N19" to beacon	29°59'59.0"N 48°08'10.0"E			
	Designation "N18" to beacon	29°58'36.0"N 48°11'42.5"E			
	Designation "N17" to beacon	29°58'37.0"N 48°06'24.0"E			
	Light Fl Y	29°59'57.0"N 48°08'15.0"E			
	Light Fl Y	29°55'02.0"N 48°01'22.0"E			
	Buoy "No 6" R, can, Fl R 3s	29°59'49.0"N 48°12'48.0"E			
	Buoy "No 29" G, conical, Fl G	30°02'12.0"N 48°05'18.0"E			
	Buoy BW, can	29°56'36.0"N 48°16'36.0"E			
	Buoy BY, pillar, double cone topmark points upward, Fl(2) 7s (BA CH 1235; BA LL)	29°59'07.0"N 48°09'54.0"E			

## SECTION I

NM 46/02

<b>62590</b>	2Ed. 5/29/99	LAST NM 40/02	46/02
Delete	Dangerous wreck "Rep (1990)" (PA)		
		29°54'24"N 48°18'51"E	
		Stranded wreck	29°55'06"N 48°18'36"E
Add	Depth 6 meters Wk [K26]		29°54'19"N 48°18'24"E
	Designation "N22" to beacon		29°54'05"N 48°17'54"E
	(26(2686)02 Taunton; BA CH 1235; BA LL)		
<b>62591</b>	3Ed. 5/29/99	LAST NM N36/02	N46/02
Delete	Dangerous wreck "Rep (1990)" (PA)		
		29°54'24"N 48°18'51"E	
		Stranded wreck	29°55'06"N 48°18'36"E
	Depths 3.2 meters Wk and 1.1 meters Wk in vicinity		29°27'08"N 48°38'55"E
Add	Depth 6 meters Wk [K26]		29°54'19"N 48°18'24"E
	Designation "N22" to beacon		29°54'05"N 48°17'54"E
	Depth 8.1 meters Wk [K26]		29°27'16"N 48°38'47"E
	(26(2686)02 Taunton; BA CH 1235; BA LL; NTM0016/2002)		
<b>63040</b>	2Ed. 12/15/01	LAST NM 12/02	46/02
Delete	Stranded wreck		25°17.7'N 63°31.8'E
Add	Stranded wreck [K24]		25°17.4'N 63°30.2'E
	(28(88)02 Karachi)		
<b>63050</b>	2Ed. 7/2/94	LAST NM 17/02	46/02
Add	Depth 5.5 meters		25°20.3'N 65°40.6'E
	(25(75)02 Karachi)		
<b>71009</b>	3Ed. 8/10/85	LAST NM 39/02	46/02
Change	Light to VQ(4) 3s 382ft 26M		0°07.5'S 98°12.0'E
	Note: Sectors remain unchanged		
		Light to Fl G 33ft 10M	0°59.7'S 100°20.1'E
	(BA LL)		
<b>71012</b>	3Ed. 5/19/84	LAST NM 39/02	46/02
Change	Light to Fl G 33ft 10M		0°59.7'S 100°20.1'E
	(BA LL)		
<b>71140</b>	6Ed. 4/5/86	LAST NM 39/02	46/02
Change	Light to Fl G 33ft 10M		0°59'42"S 100°20'04"E
	<b>(Plan B)</b>		
Change	Light to Fl G 33ft 10M		0°59'42"S 100°20'04"E
	(BA LL)		
<b>★71265</b>	3Ed. 6/8/02	NEW EDITION	46/02
Delete	Buoy from dangerous wreck		1°27'18"N 104°24'36"E
	(Previously published 39/02)		
	(NIMA)		
<b>71340</b>	11Ed. 7/25/92	LAST NM 40/02	46/02
Relocate	Buoy "Fairway" from 3°16.1'N 112°58.8'E to		3°16.1'N 112°59.0'E
	(See 40/02-71340)		
	(39(4174)02 Taunton)		
<b>71401</b>	1Ed. 6/15/91	LAST NM 40/02	46/02
Relocate	Buoy "Fairway" from		3°16'05.7"N 112°58'45.1"E to 3°16'03.6"N 112°58'57.0"E
	(See 40/02-71401)		
	(39(4174)02 Taunton)		
<b>71402</b>	1Ed. 7/6/91	LAST NM 40/02	46/02
Relocate	Buoy "Fairway" from 3°16'06"N 112°58'45"E		3°16'04"N 112°58'57"E
	to		
	(See 40/02-71402)		
	(39(4174)02 Taunton)		
<b>72014</b>	10Ed. 9/21/96	LAST NM 12/02	46/02
Add	Light Fl 18M		3°27.1'N 117°51.9'E
	(38(4071)02 Taunton)		
<b>72130</b>	4Ed. 3/31/84	LAST NM 13/02	46/02
Add	Light Fl 5s 154ft 18M		3°27'05"N 117°52'22"E
	(38(4071)02 Taunton)		
<b>73631</b>	4Ed. 9/17/94	LAST NM 36/02	46/02
Delete	Purple dashed line between		9°31.6'S 149°54.1'E
			9°27.5'S 149°53.8'E
		Purple dashed line between	9°13.0'S 149°26.9'E
			9°06.3'S 149°25.5'E
Add	Purple dashed line (unsurveyed limit) between		9°31.6'S 149°54.1'E
			9°13.0'S 149°26.9'E
		Purple dashed line (unsurveyed limit) between	9°27.5'S 149°53.8'E
			9°06.3'S 149°25.5'E
	(17(537)02 Wollongong)		
<b>74005</b>	2Ed. 4/8/95	LAST NM 35/02	46/02
Delete	Depth 12.8 meters		11°22.7'S 143°53.3'E
Add	Depth 8.8 meters, blue tint and enclosing depth contour (10-meter)		11°35.2'S 143°55.0'E
		Depth 11.6 meters	11°30.8'S 144°00.8'E
		Depth 14.6 meters	11°24.3'S 143°50.2'E
		Depth 13.7 meters	11°18.7'S 143°45.8'E
		Rock which covers and uncovers enclosed by danger circle [K11]	11°18.5'S 144°02.7'E
		Rock which covers and uncovers enclosed by danger circle [K11]	11°18.6'S 144°00.9'E
	(17(535)02 Wollongong)		
<b>74162</b>	4Ed. 12/31/94	LAST NM 36/02	46/02
Substitute	Beacon G, cone topmark for light		31°25'33"S 152°54'48"E
	(17(527)02 Wollongong)		
<b>74184</b>	10Ed. 11/28/98	LAST NM 38/02	46/02
	<b>(Plan A)</b>		
Delete	Beacon "7"		26°41'02.5"S 153°08'05.4"E
Relocate	Beacon "9" from 26°41'04.2"S to		153°08'04.8"E
		26°41'04.1"S	153°08'05.4"E
	(17(529)02 Wollongong)		
<b>74190</b>	7Ed. 6/14/97	LAST NM 37/02	46/02
Delete	Light		24°45.4'S 152°23.8'E
Change	Light to FWR (occas) & FWG (occas)		24°45.4'S 152°23.5'E
	Legend "Lights in line 270°" to "Dir 270°"		24°45.3'S 152°27.5'E
	(17(530)02 Wollongong)		
<b>74191</b>	2Ed. 2/9/85	LAST NM 35/02	46/02
Delete	Light		24°45.35'S 152°23.78'E
	Beacon		24°45.32'S 152°26.00'E
Change	Light to FWR (occas) & FWG (occas)		24°45.35'S 152°23.43'E
	Legend "Leading Lights 270°00" to "Dir 270°00"		24°45.35'S 152°27.03'E
	Beacon "No. 2" to "No. 6" R, can topmark, Fl R 4s		24°45.40'S 152°25.95'E
	Designation of beacon "No. 3" to "No. 7"		24°45.32'S 152°25.39'E
	Designation of beacon "No. 4" to "No. 8"		24°45.38'S 152°25.39'E
Add	Beacon "No. 1" BYB, double cone topmark bases together, Q(3) 10s		24°45.30'S 152°28.05'E
	Beacon "No. 2" R, can topmark, Fl R 2s		24°45.41'S 152°28.05'E
	Beacon "No. 3" G, cone topmark, Fl G 4s		24°45.30'S 152°27.02'E
	Beacon "No. 4" R, can topmark, Fl R 4s		24°45.41'S 152°27.02'E

(continued on next page)

**74191** (Continued)  
 Beacon "No. 5" G, cone topmark, Fl G 4s  
 24°45.30'S 152°25.98'E  
 Delete **(Plan)**  
 Light 24°45.36'S 152°23.78'E  
 Change Light to FWR (occas) & FWG (occas)  
 24°45.36'S 152°23.42'E  
 Legend "Leading Lights 270°00'" to  
 "Dir 270°00'" 24°45.36'S 152°25.21'E  
 Designation of beacon "No. 3" to "No. 7"  
 24°45.34'S 152°25.38'E  
 Designation of beacon "No. 4" to "No. 8"  
 24°45.41'S 152°25.39'E  
 Designation of beacon "No. 5" to "No. 9"  
 24°45.33'S 152°24.79'E  
 Designation of beacon "No. 6" to "No. 10"  
 24°45.40'S 152°24.79'E  
 Designation of beacon "No. 7" to "No. 11"  
 24°45.33'S 152°24.37'E  
 Designation of beacon "No. 8" to "No. 12"  
 24°45.40'S 152°24.37'E  
 (17(530)02 Wollongong; BA LL)

**74192** 3Ed. 7/19/97 LAST NM 35/02 46/02  
 Delete Light 24°45'19"S 152°23'48"E  
 Beacon 24°45'06"S 152°26'00"E  
 Change Light to FWR (occas) & FWG (occas)  
 24°45'19"S 152°23'24"E  
 Add Beacon "No. 1" BYB, double cone topmark  
 bases together, Q(3) 10s 24°45'12"S 152°28'07"E  
 (17(530)02 Wollongong)

**74200** 8Ed. 8/3/96 LAST NM 37/02 46/02  
 Delete Light 24°45.4'S 152°23.8'E  
 Change Light to FWR (occas) & FWG (occas)  
 24°45.4'S 152°23.5'E  
 Legend "Lts. in Line 270°00'" to "Dir 270°00'"  
 24°45.2'S 152°27.5'E  
 (17(530)02 Wollongong)

**74251** 8Ed. 5/3/97 LAST NM 44/02 46/02  
 Delete Legend "INADEQUATELY SURVEYED"  
 18°01'24"S 146°05'36"E  
 (17(531)02 Wollongong)

**74271** 9Ed. 9/6/97 LAST NM 38/02 46/02  
 Add Depth 20 meters 14°05'37"S 143°59'27"E  
 (17(533)02 Wollongong)

**74283** 2Ed. 11/15/97 LAST NM 31/00 46/02  
 Delete Depth 12.8 meters 11°22'53"S 143°53'18"E  
 Depth 44 meters 11°18'19"S 143°45'52"E  
 Substitute Depth 8.8 meters, blue tint and enclosing  
 depth contour (10-meter) for 50 meters  
 11°35'18"S 143°54'54"E  
 Add Depth 11.6 meters enclosed by depth contour  
 (20-meter) 11°30'46"S 144°00'50"E  
 Depth 14.6 meters enclosed by depth contour  
 (20-meter) 11°24'20"S 143°50'13"E  
 Depth 13.7 meters enclosed by depth contour  
 (20-meter) 11°18'40"S 143°45'46"E  
 Rock which covers and uncovers enclosed by  
 danger circle [K11] 11°18'32"S 144°02'41"E  
 Rock which covers and uncovers enclosed by  
 danger circle [K11] 11°18'38"S 144°00'53"E  
 (17(535)02 Wollongong)

**74290** 11Ed. 9/6/97 LAST NM 45/02 46/02  
 Delete Reef and legend "Nicholls Cay" 9°41.0'S 142°40.0'E  
 Legend "Rep to lie 0.5 mile SW (1987)"  
 9°49.6'S 142°41.0'E  
 Substitute Depth 1.8 meters for 3.3 meters "Rep (1994)"  
 9°39.2'S 142°34.4'E

Change Legend "Bass Reef" to "Nicholls Cay" 9°42.5'S 142°42.8'E  
 Add Depth 3.2 meters, blue tint and enclosing  
 depth contour (5-meter) 9°40.2'S 142°39.7'E  
 Depth 0.8 meter, blue tint and enclosing  
 depth contour (5-meter) 9°41.4'S 142°42.5'E  
 Depth 1.5 meters, blue tint and enclosing  
 depth contour (5-meter) 9°39.6'S 142°41.3'E  
 Depth 1.4 meters, blue tint and enclosing  
 dotted line circle 9°38.1'S 142°42.4'E  
 (17(536)02 Wollongong)

**74460** 4Ed. 5/17/97 LAST NM 40/02 46/02  
 Delete Depth 42 meters 12°12.1'S 122°55.1'E  
 (17(538)02 Wollongong)

**74560** 10Ed. 7/18/98 LAST NM 43/02 46/02  
**(Plan A)**  
 Add Chartlet A, depicting changes in hydrography,  
 topography, and aids to navigation from  
 Subsection I-2 28°46'00.0"S 114°35'00.0"E  
 Chartlet B, depicting changes in hydrography,  
 topography, and aids to navigation from  
 Subsection I-2 28°46'00.0"S 114°36'42.0"E  
 (12(363)02 Wollongong)

**76140** 7Ed. 7/31/93 LAST NM 2/02 46/02  
 Delete Legend "Sig Sta" 45°45'50"S 170°46'00"E  
 (19(127)02 Wellington)

**76141** 8Ed. 1/18/92 LAST NM 19/02 46/02  
**(Panel A)**  
 Delete Legend "Sig Sta" 45°46'31.8"S 170°43'43.2"E  
 Lines 3 & 4 "A flashing...craft." from  
 Caution No. 1 45°46'24.0"S 170°38'18.0"E  
 (19(127)02 Wellington)

**76142** 1Ed. 3/14/92 LAST NM 9/01 46/02  
 Delete Legend "Sig Sta" 45°46'30.0"S 170°44'00.0"E  
 Add Pilot station symbol [T1.2] with legend  
 "Alpha" 45°42'50.4"S 170°44'48.0"E  
 Legend "Bravo" to pilot station symbol  
 45°43'36.0"S 170°43'45.0"E  
 (19(127, 128)02 Wellington)

**82697** 6Ed. 9/5/98 LAST NM 38/02 46/02  
 Delete Dangerous wreck (PD) 22°19'20.5"S 167°01'11.8"E  
 (15(15)02 Brest)

**92006** 5Ed. 3/13/99 LAST NM 45/02 46/02  
 Add Light symbol [P1] 3°28.0'N 117°52.4'E  
 (38(4071)02 Taunton)

**94060** 10Ed. 5/18/96 LAST NM 37/02 46/02  
 Add Dangerous wreck [K28] "Rep (2002)" (PA)  
 25°24.7'N 119°53.5'E  
 (22(431)02 Tianjin)

**94160** 7Ed. 3/23/96 LAST NM 44/02 46/02  
 Delete Dangerous wreck (PA) 25°53.4'N 119°44.3'E  
 (See 2/02-94160)  
 Add Dangerous wreck [K28] (PA) 25°53.2'N 119°43.9'E  
 Dangerous wreck [K28] "Rep (2002)" (PA)  
 25°24.7'N 119°53.5'E  
 (22(332)01, 22(431)02 Tianjin)

**94164** 2Ed. 3/23/96 LAST NM 27/02 46/02  
 Delete Dangerous wreck (PA) 25°53'24"N 119°44'18"E  
 (See 2/02-94164)  
 Add Dangerous wreck [K28] (PA) 25°53'10"N 119°43'50"E  
 (22(332)01 Tianjin)



<b>95262</b>	(Continued)			
	Solid line (breakwater) between	39°47'18.0"N 140°02'01.5"E		
		39°47'29.9"N 140°01'57.1"E		
	Solid line (breakwater) between	39°47'08.0"N 140°02'03.0"E		
		39°47'06.0"N 140°02'05.5"E		
	Double solid line with land tint (breakwater extension) between	39°47'21.0"N 140°01'35.0"E		
		39°47'21.8"N 140°01'41.4"E		
	Double solid line with land tint (breakwater extension) between	39°47'00.0"N 140°01'17.0"E		
		39°46'56.5"N 140°01'15.4"E		
	Position circle "R Lt"	39°47'29.9"N 140°01'57.1"E		
	Position circle "G Lt"	39°47'27.8"N 140°02'02.4"E		
	Position circle "Y Lt"	39°46'56.5"N 140°01'15.4"E		
	Depth 4 meters	39°47'08.5"N 140°02'17.5"E		
	Depth 7.6 meters	39°47'04.0"N 140°02'17.0"E		
	Depth 2 meters	39°46'57.0"N 140°02'24.0"E		
	(40(1658)98, 40(1373)02 Tokyo; Jpn CH W1192)			
<b>95282</b>	7Ed. 7/14/90 LAST NM 10/00			46/02
	Add Double solid line with land tint (breakwater [F4.1] between	35°33'48.0"N 135°23'52.0"E		
		35°33'46.4"N 135°23'52.2"E		
	Position circle "(G Lt)"	35°33'46.4"N 135°23'52.2"E		
	Double solid line with land tint (breakwater [F4.1] between	35°33'45.6"N 135°23'54.0"E		
		35°33'43.4"N 135°24'01.0"E		
	Position circle "(R Lt)"	35°33'45.6"N 135°23'54.0"E		
	(40(1652)98 Tokyo)			
<b>97060</b>	8Ed. 9/6/97 LAST NM 9/02			46/02
	(Plan)			
	Substitute Legend "(G Lt)" for "(Y Lt)"	39°37'37.0"N 141°58'27.0"E		
	Add Position circle "(Y Lt)"	39°37'29.0"N 141°58'28.0"E		
	Dashed line between	39°37'29.0"N 141°58'28.0"E		
		39°37'18.0"N 141°58'29.5"E		
	(39(1619)98 Tokyo; Jpn CH 54W)			
<b>97082</b>	5Ed. 12/20/97 LAST NM 24/02			46/02
	Add Buoy Y, conical, (Y Lt)	38°18'48.0"N 141°02'39.6"E		
	Buoy Y, conical, (Y Lt)	38°18'48.7"N 141°02'43.3"E		
	Buoy Y, conical, (Y Lt)	38°18'50.5"N 141°02'44.6"E		
	Buoy Y, conical, (Y Lt)	38°18'52.5"N 141°02'44.0"E		
	Buoy Y, conical, (Y Lt)	38°18'54.2"N 141°02'45.2"E		
	Buoy Y, conical, (Y Lt)	38°18'56.0"N 141°02'44.6"E		
	(39(1624)98 Tokyo)			
<b>97141</b>	5Ed. 12/22/01 LAST NM 40/02			46/02
	Delete Buoy "No 12" and legend "(Lt)"	35°21'10.0"N 139°51'14.0"E		
	Relocate Buoy "No 3" from	35°21'53.0"N 139°50'19.0"E to		
		35°21'51.7"N 139°50'21.6"E		
	(40(1376)02 Tokyo)			
<b>97144</b>	14Ed. 6/22/02 LAST NM 44/02			46/02
	Delete Buoy	35°21'10"N 139°51'14"E		
	Relocate Buoy "No 3" from 35°21'53"N 139°50'19"E to	35°21'52"N 139°50'22"E		
	(40(1376)02 Tokyo)			
<b>97180</b>	6Ed. 7/19/97 LAST NM 45/02			46/02
	Change Light to Oc G 12M	34°31'54"N 136°54'16"E		
	(40(1661)98 Tokyo)			
<b>97181</b>	20Ed. 3/26/94 LAST NM 34/02			46/02
	Change Light to Oc G 4s 14m 12M	34°31'54"N 136°54'16"E		
	(40(1661)98 Tokyo)			
<b>97182</b>	13Ed. 1/1/94 LAST NM 39/02			46/02
	Change Light to Oc G 4s 14m 12M	34°31'54.0"N 136°54'16.0"E		
	(40(1661)98 Tokyo)			
<b>97224</b>	6Ed. 12/27/97 LAST NM 27/02			46/02
	Add Double dashed line with land tint (breakwater under construction) between	34°10'55.8"N 135°09'07.9"E		
		34°10'55.8"N 135°09'10.3"E		
	Double dashed line with land tint (breakwater under construction) between	34°10'50.9"N 135°09'07.6"E		
		34°10'50.9"N 135°09'10.3"E		
	(36(1508)98 Tokyo)			
<b>97441</b>	5Ed. 8/31/96 LAST NM 20/02			46/02
	Add Buoy W, spar, Mo(U) 10s, Ra ref [S4]	28°32'14"N 129°09'52"E		
	(40(1370)02 Tokyo)			
<b>97466</b>	2Ed. 9/12/98 LAST NM 25/02			46/02
	Change Light to Fl R 3s 7m 4M	26°12'48.0"N 127°39'47.0"E		
	(See 46/01-97466)			
	(40(1379)02 Tokyo)			





SECTION I

Chart 11305

NM N46/02

CORPUS CHRISTI CHANNEL DEPTHS Tabulated from surveys by the Corps of Engineers - Report of September 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 (Nautical Miles)	Depth MLLW (Feet)
Aransas Pass Outer Bar	45	46	46	43	7-02	700-600	2.42	47
Jetty Channel to Cline Point	48	46	44	43	7-02	600	1.11	47-45
Inner Basin of Harbor Island	48	56	56	51	7-02	600-1559	0.5	45
Cline Point to West End Humble Oil Co. Basin	41	49	44	40	7-02	600	0.5	45
Thence to Corpus Christi	35	42	44	39	10-01; 5-02	600-300	17.9	45
Channel to La Quinta	43	43	44	38	6-02	300-400	4.7	45

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

Chart 11309

NM 46/02

CORPUS CHRISTI CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF SEP 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)
ARANSAS PASS OUTER BAR	45.0	46.0	46.0	43.0	7-02	700-600	2.42	47
JETTY CHANNEL TO CLINE POINT	48.0	46.0	44.0	43.0	7-02	600	1.11	47-45
INNER BASIN AT HARBOR ISLAND	48.0	56.0	56.0	51.0	7-02	600-1559	0.5	45
CLINE POINT TO WEST END HUMBLE OIL CO. BASIN	41.0	49.0	44.0	40.0	7-02	600	0.5	45
THENCE TO CORPUS CHRISTI	35.0	42.0	44.0	39.0	10-01; 5-02	600-300	17.9	45
CHANNEL TO LA QUINTA	43.0	43.0	44.0	38.0	6-02	300-400	4.7	45
TURNING BASIN	43.0	43.0	45.0	46.0	6-02	1200	.30	45

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

Chart 11310

NM N46/02

CORPUS CHRISTI CHANNEL DEPTHS Tabulated from surveys by the Corps of Engineers - Report of September 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 (Nautical Miles)	Depth MLLW (Feet)
Aransas Pass Outer Bar	45	46	46	43	7-02	700-600	2.42	47
Jetty Channel to Cline Point	48	46	44	43	7-02	600	1.11	47-45
Inner Basin of Harbor Island	48	56	56	51	7-02	600-1559	0.5	45
Cline Point to West End Humble Oil Co. Basin	41	49	44	40	7-02	600	0.5	45
Thence to Corpus Christi	35	42	44	39	10-01; 5-02	600-300	17.9	45
Channel to La Quinta	43	43	44	38	6-02	300-400	4.7	45

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

SECTION I

NM 46/02

Chart 11311

NM 46/02

CORPUS CHRISTI CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF SEP 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)
WEST END OF HUMBLE OIL CO. BASIN TO CORPUS CHRISTI	35.0	42.0	44.0	39.0	10-01; 5-02	600-300	17.9	45
CORPUS CHRISTI TURNING BASIN	43.0	46.0	46.0	40.0	2-02	300-800	1.1	45
INDUSTRIAL CANAL	42.0	44.0	46.0	43.0	2-02	400	0.5	45
EVERY POINT TURNING BASIN	41.0	44.0	44.0	41.0	2-02	400-975	0.4	45
CHEMICAL TURNING BASIN	40.0	46.0	44.0	40.0	2-02	400-1200	0.4	45
TULE LAKE CHANNEL	35.0	46.0	44.0	37.0	5-02	200-400	3.3	45
TULE LAKE TURNING BASIN	43.0	44.0	45.0	40.0	2-02	1200-300	0.4	45
CHANNEL TO VIOLA	45.0	46.0	45.0	40.0	2-02	300-200	1.5	45
VIOLA TURNING BASIN	42.0	46.0	45.0	40.0	2-02	700-900	0.3	45

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

Chart 11312

NM 46/02

CORPUS CHRISTI CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF SEP 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)
ARANSAS PASS OUTER BAR	45.0	46.0	46.0	43.0	7-02	700-600	2.42	47
JETTY CHANNEL TO CLINE POINT	48.0	46.0	44.0	43.0	7-02	600	1.11	47-45
INNER BASIN AT HARBOR ISLAND	48.0	56.0	56.0	51.0	7-02	600-1559	0.5	45
CLINE POINT TO WEST END HUMBLE OIL CO. BASIN	41.0	49.0	44.0	40.0	7-02	600	0.5	45
THENCE TO CORPUS CHRISTI	35.0	42.0	44.0	39.0	10-01; 5-02	600-300	17.9	45
CHANNEL TO LA QUINTA	43.0	43.0	44.0	38.0	6-02	300-400	4.7	45

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

Chart 11318

NM N46/02

CORPUS CHRISTI CHANNEL DEPTHS								
Tabulated from surveys by the Corps of Engineers - Report of September 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 (Nautical Miles)	Depth MLLW (Feet)
Avery Point Turning Basin	41	44	44	41	2-02	400-975	0.4	45
Industrial Canal	42	44	46	43	2-02	400	0.5	45
Corpus Christi Turning Basin	43	46	46	40	2-02	300-800	1.1	45
Corpus Christi Channel	35	42	44	39	10-01; 5-02	600-300	17.9	45
La Quinta Channel	43	43	44	38	6-02	300-400	4.7	45
La Quinta Turning Basin	43	43	45	46	6-02	1200	0.3	45

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

SECTION I

NM 46/02

Chart 12316 (Side B)

NM 46/02

CAPE MAY CANAL TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUL 2000 AND SURVEYS TO JUL 2002							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
FROM CANAL ENTRANCE TO CAPE ISLAND CREEK	12.2	11.1	8.9	5-01	100	0.35	12
FROM CAPE ISLAND CREEK TO INNER END OF FERRY BASIN	5.8	7.8	7.0	3-01	100	2.55	12
FROM INNER END OF FERRY BASIN TO DELAWARE BAY	5.8	6.7	9.0	7-02	100-150	0.44	12
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							

Chart 12332

NM 46/02

RARITAN BAY, ARTHUR KILL AND RARITAN RIVER TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUL 2002 AND 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)
WARD POINT BEND (EAST)	31.5	38.7	36.9	27.6	9,12-01	600-800	1.1	35
WARD POINT BEND (WEST)	35.0	35.0	35.0	33.8	9,12-01	600-800	1.3	35
OUTERBRIDGE REACH	34.4	34.7	35.9	35.9	9-01; 3-02	600	1.6	35
RARITAN RIVER CUTOFF	16.7	19.3	19.3	11.6	3-99	600-1100	1.0	20
WARD POINT SECONDARY CHANNEL	23.6	22.7	22.5	21.9	3-91	400	0.9	30
GREAT BEDS REACH	24.6	25.7	25.3	25.2	6-01	300	0.6	25
SOUTH AMBOY REACH	24.4	23.1	22.8	23.6	6-01	300	1.2	25
SANDY POINT REACH	22.2	22.0	18.6	23.8	6-01	300	0.9	25
KEASBEY REACH	16.3	19.8	23.2	20.7	6-01	300	0.9	25
RED ROOT REACH	13.5	16.7	17.6	14.6	6-01	300	1.5	25
CRAB ISLAND REACH	A15.0	A14.5	A14.5	12.5	9-88	200	1.2	15
NORTHWEST REACH	6.0	7.5	7.5	12.2	7-62	200	1.2	15
TITANIUM REACH	4.1	4.0	1.9	1.6	6-01	300	0.6	25
SOUTH CHANNEL	C2.0	D4.2	B4.2	B2.1	7-62;3,4-90	150	0.7	15-10
A. SHOALS LOCATED APPROXIMATELY 40°29'01.0"N, 74°21'16.0"W TO 400 YARDS SOUTH; A DEPTH OF 13 FEET FOR A WIDTH OF 200 FEET WAS AVAILABLE TO THE WEST OF THE PROJECT CHANNEL. B. POSSIBLE 6 FT OBSTRUCTION LOCATED IN 40°29'34.4"N, 74°19'03.0"W. C. POSSIBLE 6 FT OBSTRUCTION LOCATED IN 40°29'35.4"N, 74°19'04.5"W. D. POSSIBLE 4 FT OBSTRUCTION LOCATED IN 40°29'37.4"N, 74°19'04.0"W. NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

**CHARTS AFFECTED BY NOTICE TO MARINERS  
NM 38/01 THROUGH NM 46/02**

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.
11	2	38/01	11305	1	N44,N46/01;N6,N7,N11,N21,N26,N29,N36,N46/02	11362	4	N38,N39,N41,N42,N47/01;N5,N6,N7,N8,N10,N12,N13,N14,N16,N17,N18,N22,N23,N24,N28,N29,N31,N33,N36,N39,N40/02	11467	36	45,48,50/01;5,12,15,22,24,26,27,28,35,43/02
12	1	45/02	11307	36	48/01*;9,13,28,31/02	11468	39	42*,43/02	11469	5	45,46/01;4,5,8,15,24,27,35/02
50	5	5,8,17/02	11308	21	43,46/01;4,6,18,26/02	11470	35	2*,4,24,27/02	11472	30	39/01;16,26,27,28,29,30/02
51	1	7/02	11309	36	13*,14,21,26,28,36,46/02	11364	38	39*,44,51/01;5,8,10,11,13,16,17,22,25,30,33,35,37,38,39,43/02	11474	10	43/01;16/02
52	1	14,18/02	11310	1	N43,N44/01;N4,N7,N8,N21,N46/02	11365	16	1*,14,40,42/02	11475	16	40,50/01;16,27/02
53	2	5,17/02	11311	23	15*,21,46/02	11366	6	40,41,42,43,47,49/01;5,6,7,10,11,12,13,14,16,18,22,24,25,26,28,33,39,40,43/02	11477	6	N43,N46/01;N2,N16/02
71	4	43/01	11312	3	2*,4,7,8,21,26,28,36,46/02	11367	31	52/01;5,12,16,17,25,33/02	11478	19	16/02
103	5	44/01	11313	22	45/01;4,31/02	11368	22	38/02*	11479	4	N43,N50/01;N5,N8,N12,N15,N24,N27,N28,N29,N35/02
108	9	38,42/01;12,13,32,35/02	11314	21	43/01;4,8,14/02	11369	43	44,51/01;5,8,12,16,17,25,30,33,35,38,39,43/02	11481	4	42/02*
120	6	38,44/01	11315	30	37/02*	11370	23	2*,5,6,17,31,33,40/02	11484	21	15,16/02
121	5	38/01	11316	38	41*,45/01;4,11,13,14,16,21,25,36,37,40/02	11371	35	47/01*;9/02	11485	32	48/01*;15,34/02
125	7	44/01	11317	29	20*,21,25,37,40/02	11372	29	40,44,47/01;6,7,9,12,17,23,27,30,45/02	11487	19	9/02*
126	39	44/01	11318	1	N46/01;N6,N7,N12,N21,N29,N46/02	11373	42	31*,33,37,40,41,42,45/02	11489	33	46*,49/01;11,24/02
145	16	38/01	11319	30	45/01;11,13,25,40/02	11374	31	45/02*	11490	17	46/01;2/02
211	5	47,48/01	11320	1	N46/01;N8,N9,N28/02	11375	34	41,42,44/01;4,6,7,8,9,10,17,23,25,28,31,37,41/02	11491	33	46/01;2,18,22,28,29,30,34,37,38/02
302	1	41,42/01	11321	29	12*,22,28,39,40,41,45/02	11376	48	9*,13,15,16,21,22,23,25,27,29,31,40,43/02	11492	19	9/02*
310	20	38,42/01	11322	27	46*,48/01;21,22,24,36,37/02	11377	4	26*,40/02	11493	9	N44/01;N11,N24,N39/02
400	3	38/01;23,26,31,32,33,35,45/02	11323	59	26*,28,33,37,39,45/02	11378	31	10*,16,18,22,23,25,27,30,32,40/02	11494	8	N44/01;N11,N12,N24,N39/02
401	5	42/01;22,23,26,31,33,35,45/02	11324	32	22*,24,25,31,33,37/02	11379	39	46/02*	11495	16	19/02*
411	48	41,42/01;1,11,13,16,22,23,26,31,32,33,35,40,42,45/02	11325	34	19*,21,24,35,37/02	11380	32	42/01;1,3,10,18,22,30,32/02	11496	9	N44,N49/01;N6,N32,N35/02
500	7	43/01;5/02	11326	30	41,43,44,46/01;4,5,6,7,8,9,10,11,15,16,21,22,24,25,31,33,36,37/02	11381	32	19*,22,27,30,32/02	11502	28	44,49/01;11/02
501	11	6,8,10,34,38/02	11327	30	41,46/01;5,7,10,11,16,21,22,24,28,37/02	11382	39	46/02*	11503	39	38*,39,43/02
507	2	45/02	11328	22	46/01;6,7,9,10,21,36,37,39/02	11383	49	19*,22,27,30,32/02	11505	1	41,50/01;4,11,16,18,26,28,31,34,40/02
508	2	42/01;15,24,45/02	11329	34	12*,21,24,36,37,39/02	11384	32	42/01;1,3,10,18,22,30,32/02	11506	39	40,46/01;5,12,18,25,32,35,39/02
509	4	14/02	11330	13	38,40,41,42,43,44,45,47,48,49/01;4,6,7,8,9,10,11,12,15,16,17,19,22,23,24,25,26,28,29,30,31,33,34,36,37,39,40,42,43/02	11385	25	23/02*	11507	30	49/01*;1,24,34/02
513	6	40,45,48/01;5,17,38/02	11331	18	44/01*;11,17,23/02	11386	16	49/01;7,10,17/02	11509	27	12*,20/02
514	6	40/01	11332	28	42*,43/02	11387	32	2*,7,8,11,18,23,28,33,37/02	11510	18	42/01*;34/02
520	127	5,8,20,38/02	11333	1	N46/01;N28/02	11388	22	23*,27,33,34,37/02	11511	16	12/02*
521	11	5,17/02	11340	66	38,42,44,45,46,47,48,49/01;4,5,6,7,8,9,10,11,12,13,14,15,16,17,19,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,39,40,42,43,45/02	11389	22	45/01;1,6,8,18,23,33,34/02	11512	58	10,15,16,18,20,26,28,31,34,40/02
522	87	14,18/02	11341	38	44,45,48/01;6,7,9,10,11,12,16,18,21,22,23,24,28,30,31,34,36,37,39,43/02	11392	6	2,10,34/02	11513	23	38,49/01;4,18,32/02
523	8	5,17/02	11342	51	40/01;7,11,14,17,21,23,24,30,37,43/02	11393	20	5*,7,8,11,18/02	11514	26	37*,40/02
524	12	14,18/02	11343	36	47/01*;7,17,21,23,37,40/02	11400	34	9*,11,23,39/02	11515	17	10/02*
525	3	14,18/02	11344	34	45*,47,51/01;5,7,10,12,13,16,17,19,24,28,30,38,40,43/02	11401	29	45/01*;8,23/02	11516	29	7*,18,24,37/02
526	10	39/01;7,9,12,18/02	11345	30	10,12,16,40/02	11402	21	15,23/02	11517	17	46*,49/01;32/02
530	30	22*,26,37,38,40/02	11347	33	42*,43/02	11403	27	38/01	11518	32	39/01;6,15,16,32,35,43/02
531	21	18/02*	11348	19	46*,48/01;23/02	11404	14	43*,45/02	11520	40	31*,39,40,44,46/02
532	17	40,44/01;5,17,38/02	11349	40	38*,42/02	11405	41	42*,45/02	11521	26	15*,17,32,35/02
540	16	42/01	11350	24	15/02*	11406	5	42*,45/02	11522	19	45/01*
550	7	42/01;18,24,45/02	11351	37	40,45/01;5,6,8,9,10,11,12,15,16,19,22,27,28,30,33,36,37,38,40/02	11407	27	15/02	11523	21	15*,17,32,35/02
601	4	14/02	11352	35	2*,5,6,7,8,12,14,16,17,22,24,26,27,37,38,39,40/02	11408	14	43*,45/02	11524	45	13*,16,21,32,35,43/02
602	6	12/02	11353	2	21*,24,25,26,35,38,43,45/02	11409	27	38/01	11525	6	N38,N43,N45,N48/01;N2,N12,N14,N17,N19,N23,N39,N40,N44,N46/02
604	5	39/01;12,18/02	11354	23	47/01*;5,6,8,12,15,16,19,22,27,28,33,37,38,40/02	11410	24	45/01*;16/02	11527	16	47/01;12,37/02
605	4	39/01;9,12/02	11355	24	37*,40/02	11411	12	31/02*	11531	21	31/02*
606	1	39/01;9/02	11356	34	42*,45/01;9,11,12,13,28,29,39,40,42,45/02	11412	14	43*,45/02	11532	20	15*,37/02
607	1	39,42/01;7/02	11357	35	36*,37,40,42/02	11413	24	21/02*	11533	31	2*,9,13,14,32/02
621	5	39,42/01;7,22/02	11358	51	23*,24,26,27,31,39,42/02	11414	39	39,42,45,46/01;13,36/02	11535	12	12*,25,46/02
622	9	39/01;9,12,14,20/02	11359	11	22*,26,39/02	11415	33	42,50/01	11536	15	19*,40/02
623	9	14/02	11360	39	41,47/01;5,6,7,10,12,13,14,16,17,18,22,23,24,28,29,31,33,34,35,36,37,39,40,42,43,45/02	11416	30	42,45/01;36/02	11537	33	7*,8,9,13,17,20,23,31,32,33,39,40,42,44/02
624	3	22/02	11361	69	13*,16,17,19,22,24,25,26,27,31,34,36,45/02	11417	8	26*,28/02	11539	18	48/01;2,9,39,44/02
632	8	15,24,45/02				11418	25	15/02*	11541	32	48/01;1,2,8,13,18,20,21,30,39,44/02
703	4	41/01;46/02				11419	39	39,42,45,46/01;13,36/02	11542	15	39/02
705	3	41/01;12,46/02				11420	26	1,5,20,39,42/02	11543	22	45/01;13,18,29,39/02
706	4	41,43,44/01				11421	7	N42/01;N1,N20,N24,N39,N42/02	11544	37	36/02*
800	4	40/01;17/02				11422	33	42,50/01	11545	60	45/02*
803	1	8,17/02				11423	39	42,50/01	11547	35	22*,25,29,30,37/02
1113A		1,5,20,39,42/02				11424	17	21,24,36,42/02	11548	37	45/01;2/02
1114A		9*,11,23,39/02				11425	34	46/02*	11552	18	45/01
1115A		41,47/01;5,6,7,10,12,13,14,16,17,18,22,23,24,28,29,31,33,36,39,40,43/02				11426	35	31/02*	11554	16	47/01*
1116A		38,42,44,45,46,47,48,49/01;4,5,6,7,8,9,10,11,12,13,14,15,16,17,19,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,39,40,42,43,45/02				11427	32	12/02	11555	38	36/02*
1117A		28*,30,31,37,39,40,41,42,45/02				11428	20	16/02	12200	47	38*,42/02
11004	7	38,41,42,43,49/01;4,7,8,9,10,11,12,13,15,16,18,22,26,28,31,37,39,40,42,43,45/02				11429	20	16/02	12201	25	N41,N42/01;N14,N15,N17,N19,N23,N42/02
11006	30	28*,36,39,40/02				11430	24	45/01*;16/02	12204	34	13,20/02
11009	36	2*,5,12,19,23,24,32,35,44/02				11431	12	31/02*	12205	27	37*,43/02
11013	44	18*,20,35/02				11432	14	21/02*	12206	29	31*,33,38,46/02
11300	38	26*,28,30,31,37,39,40,41,42,45/02				11433	13	N20/02			
11301	23	47/01*;7,10,14,21,37/02				11434	24	21/02*			
11302	29	34*,37/02				11435	13	N20/02			
11304	12	43/01;10/02				11436	11	40/01			

CHARTS AFFECTED BY NOTICE TO MARINERS  
NM 38/01 THROUGH NM 46/02

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;  
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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.
12207	20	38/01;2,11,23/02	12347	29	43/01;25/02	13288	40	41,44/01;2,9,11,15*,20,23,29,36,43/02	14386	3	36/02
12208	8	12*,18,23/02	12348	33	25/02	14415	4	33/02	14415	4	33/02
12210	35	22*,28,43/02	12350	57	39/02*	14756		N41/01*	14756		N41/01*
12211	40	15*,27,28/02	12352	29	9*,12,34/02	14757		N41/01**	14757		N41/01**
12214	43	43/01;5,11,12,23,26,27,42/02	12354	39	9*,12,14,22,28,33,37,45/02	14758		N41/01*	14758		N41/01*
12216	26	11,23/02	12358	19	46/02*	14759		N41/01*	14759		N41/01*
12221	72	47/01*;1,2,5,7,11,23,31,33,34,43,46/02	12363	39	41/01;2,3,14,18,28,44/02	14761	29	41/01**	14761	29	41/01**
12222	42	13*,27,30,33,34,38,43,44,46/02	12364	33	20*,22,28,44/02	14762	28	41/01**	14762	28	41/01**
12224	22	34,39,43,46/02	12365	26	41/01;2,18/02	14763	30	41/01**	14763	30	41/01**
12225	53	28*,30,31/02	12366	27	3,14/02	14764	28	41/01**	14764	28	41/01**
12226	16	2*,22,30/02	12367	23	18/02	14765	30	41/01**	14765	30	41/01**
12228	29	43/02*	12368	26	42/02*	14766	30	41/01**	14766	30	41/01**
12230	58	40/01;5,10,14,21,23,31,35,44,46/02	12369	25	31*,44/02	14767	19	41/01**	14767	19	41/01**
12231	26	9*,14,31,35,46/02	12370	18	39/02*	14769		N31/02*	14769		N31/02*
12233	34	40/01	12371	22	40/01;28/02	14772	17	1*,15/02	14772	17	1*,15/02
12235	29	12*,30,31/02	12372	31	45/02*	14773	16	15,19/02	14773	16	15,19/02
12237	26	14,27/02	12373	14	50/01*	14775		N31/02*	14775		N31/02*
12238	37	46/02*	12375	21	22/02	14776		N31/02*	14776		N31/02*
12241	21	9*,14,16,34,44/02	12377	14	22,25,37/02	14777		N31/02*	14777		N31/02*
12243	13	5/02	12401	7	31/02*	14782	24	21,22/02	14782	24	21,22/02
12245	60	12*,14,15,27,30,33,38,46/02	12402	8	31*,33/02	14785	16	22/02	14785	16	22/02
12248	39	18*,30,33,40/02	13000		N38,N41,N42,N52/01;N8,N11,N12,N13,N21,N25/02	14786	13	5*,24/02	14786	13	5*,24/02
12251	23	10,35/02	13003	45	41,42,43,44,47,52/01;2,8,11,12,13,19,21,23,25,36,37,42/02	14800	9	40/01;19,23/02	14800	9	40/01;19,23/02
12252	23	45/01;5,33,34/02	13006	30	39*,44/02	14802	30	40,47/01	14802	30	40,47/01
12253	42	9*,33,38,42,46/02	13009	30	42/02*	14804	24	20/02*	14804	24	20/02*
12254	43	38*,43,44/02	13200	33	13*,25,37/02	14805	23	40/01	14805	23	40/01
12255	15	13*,44/02	13201	10	N38,N42,N43,N44,N47,N52/01;N13,N25,N37/02	14806	23	40/01	14806	23	40/01
12256	13	19*,33,44/02	13202	12	52/01;37/02	14810	4	40/01;19/02	14810	4	40/01;19/02
12261	28	37*,44/02	13203	12	13/02	14811	16	47/01	14811	16	47/01
12263	51	38/02*	13204	12	13/02	14812	3	19/02	14812	3	19/02
12264	28	38/02*	13205	36	38,41,44,51/01;9,12,37,42,45/02	14813	20	24/02	14813	20	24/02
12266	27	30/02	13209	23	41,44/01;14,37/02	14815	22	47/01	14815	22	47/01
12268	10	22/02*	13211	13	9,21,23/02	14816	23	40/01	14816	23	40/01
12270	31	50/01*;3,5,8,14,21,27,36/02	13212	34	38/01;9,12,21,23,45/02	14820	18	31*,35,38,39/02	14820	18	31*,35,38,39/02
12272	29	26*,27,36,45/02	13213	39	38,42/01;8,45/02	14822	30	40/01	14822	30	40/01
12273	53	26*,31,36,45/02	13214	27	34*,45/02	14823	29	45/02	14823	29	45/02
12274	33	37/02*	13215	17	44,51/01;9,14,45/02	14824	25	24/02	14824	25	24/02
12277	31	26/02*	13216	1	N12/02	14826	26	46/01;21/02	14826	26	46/01;21/02
12278	72	26*,36,45/02	13217	14	46/01;14/02	14829	5	46/01;21/02	14829	5	46/01;21/02
12280	3	37*,43,45,46/02	13218	38	39,42/01;11,29,42,45/02	14830	29	41/01;18,23,39/02	14830	29	41/01;18,23,39/02
12281	49	50/01;15/02	13219	12	49/01*;14/02	14832	33	41/01;7,20,24,26/02	14832	33	41/01;7,20,24,26/02
12282	33	31*,44/02	13221	53	41/01*;2,4,15,29,44/02	14833	25	7,20,26/02	14833	25	7,20,26/02
12283	24	3,5/02	13223	36	2*,15/02	14835	31	43/01;39/02	14835	31	43/01;39/02
12285	34	40/01;27,39,43/02	13224	36	7*,44/02	14836	27	42/02*	14836	27	42/02*
12286	28	40/01;2/02	13226	5	42/01;2,4,5,44/02	14837	27	26/02*	14837	27	26/02*
12287	17	2/02	13227	13	42/01;2,4,5/02	14838	2	35,37,38,45/02	14838	2	35,37,38,45/02
12288	19	40/01;2,27/02	13229	27	43/01*;11,17,39,42,45/02	14839	35	44/01;7,21,24,37/02	14839	35	44/01;7,21,24,37/02
12289	47	40/01;39/02	13230	45	39/01;11,39,42,45/02	14842	12	41/01*;4,18,23,39/02	14842	12	41/01*;4,18,23,39/02
12300	42	43,44,50,52/01;17,18,19,28,29,37,39,42,45/02	13232	4	11,39,42/02	14843	22	23,39/02	14843	22	23,39/02
12301	21	N20*,N28,N29,N37,N39,N42,N45/02	13233	16	39,42,49/01;17/02	14844	31	4,18/02	14844	31	4,18/02
12304	42	28*,42/02	13235	5	17/02	14845	26	4,18/02	14845	26	4,18/02
12311	41	46/01*;2,4,15,18,28,31,42/02	13236	29	45/02	14846	11	42/01;18,23,24,39,40/02	14846	11	42/01;18,23,24,39,40/02
12312	51	45/01*;4,5,8,9,18,21,27,31,33,42,43/02	13237	38	42,49,51/01;2,4,17,42/02	14847	30	24,40/02	14847	30	24,40/02
12313	48	46/01*;5,9,14,18,21,27,31,33,43/02	13238	14	42,49/01	14848	56	9*,23,24,31/02	14848	56	9*,23,24,31/02
12314	30	46/02*	13241	15	21*,34,42/02	14850	51	21*,23/02	14850	51	21*,23/02
12316	28	44/01*;11,26,27,37,39,42,45,46/02	13244	39	22/02*	14852	44	9*,20,23,25,26,37/02	14852	44	9*,20,23,25,26,37/02
12317	31	15*,26,37/02	13246	36	41,45/01;11,26,27/02	14853	13	21*,23,24,25,26,31,37/02	14853	13	21*,23,24,25,26,31,37/02
12318	40	43/01;19,39,45/02	13250	8	50/01*	14854	13	44/01;24/02	14854	13	44/01;24/02
12323	23	43,48,50/01;19,40/02	13253	17	41/01;20,26/02	14860	35	8*,21,24/02	14860	35	8*,21,24/02
12324	29	48,50/01;1,18/02	13260	38	28*,36,43/02	14862	28	26/02*	14862	28	26/02*
12326	48	1,12,17,18,27,28/02	13263	7	N38,N41,N42,N43,N44,N45,N47,N48,N52/01;N2,N8,N11,N20,N21,N25,N27,N36,N43/02	14863	30	5*,10,24/02	14863	30	5*,10,24/02
12327	95	19*,20,21,22,28,30,33,35,37,38,43,45/02	13264	103	5,21,36/02	14864	26	45*,46/01;24,37/02	14864	26	45*,46/01;24,37/02
12331	29	40,41,43/01;4,15,22,43/02	13267	30	6*,12,17,19,27/02	14865	16	43/01	14865	16	43/01
12332	21	40,43/01;15,22,43,46/02	13270	59	44,49/01;2,3,5,9,17,19,33,34,40,43/02	14867	25	6,32/02	14867	25	6,32/02
12333	32	46/02*	13272	47	41/01;3,11,19,28,40/02	14869	26	9/02*	14869	26	9/02*
12334	64	40,43/01;3,22,27,30,33,45/02	13274	24	47,49/01;3,5,17,19,27,45/02	14871	2	21/02	14871	2	21/02
12335	39	6/02*	13275	27	41,44,47,49/01;2,5,17,19,27,45/02	14872	3	21/02	14872	3	21/02
12337	22	8,15,20,28,31,45/02	13276	21	19,27/02	14873	2	35/02	14873	2	35/02
12339	43	5/02	13281	17	41/01	14880	30	33/02	14880	30	33/02
12341	25	22/02*	13283	18	49/01;11/02	14881	31	28*,33/02	14881	31	28*,33/02
12343	18	37/02*	13285	10	49/01;11/02	14883	42	6,17,23/02	14883	42	6,17,23/02
12345	10	42/02*	13286	29	39*,40/02	14885	20	41/01*	14885	20	41/01*
			13287	11	48/01	14886	10	8/02	14886	10	8/02
						14901	13	17,24,31/02	14901	13	17,24,31/02
						14902	28	24,25,31/02	14902	28	24,25,31/02
						14903	22	41/01;8,23,32/02	14903	22	41/01;8,23,32/02
						14904	25	41/01;5,17,31,32,46/02	14904	25	41/01;5,17,31,32,46/02
						14905	29	43,47/01;31,35,37/02	14905	29	43,47/01;31,35,37/02
						14907	25	2*,13,17/02	14907	25	2*,13,17/02
						14908	17	41/01;13/02	14908	17	41/01;13/02
						14910	22	25,31/02	14910	22	25,31/02
						14911	20	41/01*	14911	20	41/01*
						14912	16	43,46/01	14912	16	43,46/01
						14916	10	45/02*	14916	10	45/02*
						14917	23	17/02	14917	23	17/02
						14918	26	42/01;25/02	14918	26	42/01;25/02
						14919	27	50/01;10,24/02	14919	27	50/01;10,24/02

**CHARTS AFFECTED BY NOTICE TO MARINERS  
NM 38/01 THROUGH NM 46/02**

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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.
14922	19	26/02*	16647	3	43,48/01	17521		N8/02	18476	4	38,40,42,49/01;1,6,7,12,17,22,32,39/02
14924	27	28*,32/02	16660	28	46/01*;7,13,22,25,29,42/02	17525		N8/02	18477	5	46/01*;4,12/02
14926	9	43,47/01;18,31,32,35,37/02	16661	6	40/01*	17528		N8,N43/02	18480	28	28*,40,P44,45/02
14927	24	21*,31,32,35,37/02	16662	6	41/01*;3,22,29/02	17541	3	8,43/02	18484	10	52/01;28,40/02
14928	20	47/01;31,37/02	16663	6	43/01;3,7,13,22,25,29,42/02	17543	17	9,11,13,41/02	18485	14	52/01;15,28,40,P44/02
14929	23	18,31,32/02	16665	7	43/01;7,13,22,25,29,42/02	17545	13	9,43/02	18500	28	19*,22,32,39/02
14930	24	46/01;45/02	16680	10	47/01;6/02	17548	22	9,13,42,43/02	18502	84	30*,32,39,42/02
14931	24	35/02*	16681	10	37/02*	17549	6	43/01;13/02	18504	64	47,48/01;18/02
14932	22	42/01;32/02	16682	14	47/01;6/02	17550	4	15,42,43,P44,45/02	18520	24	42/01;10,33,39/02
14933	24	35*,37/02	16700	27	21/02*	18000	8	1,8,45/02	18521	69	34*,39/02
14934	26	4,6/02	16701	18	21/02*	18002	6	N1,N8,N45/02	18523	53	49/01*;3,7,10,12,15,25,26,33/02
14935	21	43/01;17/02	16702	10	8,38/02	18003	18	41,48/01;10,26,33,38,39,40,P44,45/02	18524	33	18*,26,28,31,33/02
14937	23	42/01;13,17/02	16703	2	15/02*	18005	4	N6,N8,N20,N34/02	18525	33	39,45/01;4,7,11,14,15,28,31,33/02
14938	23	43/01	16704	13	52/01*	18007	31	42,46,47/01;6,10,14,20,26,33,34,37,38,39,40/02	18526	55	48/01;4,7,11,15,16,28,31,33/02
14942	25	35/02	16705	22	15/02*	18008	7	N42,N46,N47/01;N6,N10,N14,N20,N26,N33,N34,N37,N38,N39,N40/02	18527	21	42/01;16,31/02
14961	11	39/01	16711	2	15/02*	18009	2	N34/02	18528	9	44,48/01;31/02
14962	19	47/01	16713	2	13/02*	18010	20	42,46,47,48/01;6,33,34,37,38,39,40/02	18531	20	7*,11,26,31,34/02
14965	20	43/01	16741	9	47/01;46/02	18020	36	1,6,8,20,34,37,45/02	18532	20	7/02*
14967	22	10/02	16760	10	43/01	18022	33	13*,23,34,37,45/02	18541	8	21/02*
14970	25	6,40,46/02	16762	9	26/02*	18400	42	38,39,40/01;4,6,10,11,15,P44/02	18558	37	19*,39/02
14972	25	41,45/01;21/02	17003	4	8,9/02	18401	12	5/02	18561	11	42,43,45,52/01;10,33,39/02
14974	24	40/01;32/02	17005	10	38/01;8,9,11,41,45/02	18402	22	4/02	18580	21	49/01*;10,26,33,38,39/02
14975	32	43/01;21,24/02	17008	12	8,13,43/02	18403	21	4/02	18583	38	42,43/01;4,7,31,33,42/02
14984	9	18/02*	17300	29	1*,46/02	18405	12	47,48/01;43/02	18584	47	45*,48/01;7,30,39/02
14999	14	41/01**	17302	18	21/02*	18406	5	44,47,48/01;5/02	18587	68	46/01*;7,11,14,25,30,33,39,42/02
15562		N41/02	17303	9	15,37/02	18407	5	47,48/01;4,8/02	18588	36	42,43,48/01;32,33/02
15744		N30/02	17316	20	28/02*	18408	4	47,48/01	18600	14	15*,33,37,38,40/02
15880		N41/02	17320	10	49/01	18409	8	44,47/01;11/02	18601	13	6/02
15926		N9/02	17321	20	49/01;1/02	18411		N42/01	18602	11	43,49/01;26,32,33/02
16003	16	18/02*	17326	13	49/01	18412	10	43,45/01	18603	15	37,40/02
16004	11	52/01;9/02	17330	7	15/02	18413	15	43/01	18620	23	35/02*
16005	9	52/01	17331	7	46/01	18414	9	43,45/01;8/02	18622	52	49/01;26,28/02
16006	33	40,47/01	17360	32	47/01*;44/02	18415	8	39,45,47/01;5,13,42/02	18623	11	42*,47/01;34/02
16011	35	5,38/02	17372	10	2/02	18416	6	10,P44/02	18626	15	37/02
16012	21	45/01;38/02	17375	20	45/01	18420	1	13/02	18640	24	13,15,24/02
16013	28	44/01;17,22,29/02	17379	1	15*,20/02	18421	44	20*,26,P44/02	18643	16	24/02
16016	19	43/01	17381	10	13/02*	18422	32	39,40,43,47/01;4,5,6,7,8,9,15,17,26,32,39,P44/02	18645	24	41/01;15,19/02
16041	8	13/02*	17382	14	44/02	18427	21	35/02*	18649	62	42*,43,45,52/01;3,8,11,12,15,19,20,23,33,36,38,41/02
16042	7	39/02*	17383	1	31/02*	18428	9	19/02*	18650	51	28*,33,38,41/02
16043	7	52/01	17384	7	50/01;44/02	18429	8	40/01;4,P44/02	18651	41	12/02
16044	7	52/01	17385	13	44/02	18430	7	28/02*	18652	31	2*,8,11,18,19,20,23,26,27,30,33,38,41/02
16045	7	52/01	17400	16	47/01;14,15,36/02	18431	5	30*,P44/02	18653	9	43,45,46/01;3,8,11,15,19,36,38,41/02
16046	6	52/01	17402	10	46/02*	18432	4	40,42/01;5/02	18654	42	28*,38/02
16061	8	19*,27,37/02	17403	13	52/01*	18433	4	5,15,P44/02	18655	58	10*,19/02
16062	7	52/01	17409	10	39/02*	18434	4	39,43/01;15,26,P44/02	18656	52	38,39,41,42/01;1,19,23,26,27,30/02
16063	7	52/01	17412	2	12/02	18440	25	38,40,42,47,49,50/01;1,4,6,7,9,12,15,17,22,33,39,P44/02	18657	18	38,42/01;19,26,27,30/02
16064	6	52/01	17413	2	42/01;13,14,43/02	18441	42	30*,32,39/02	18658	29	23,26,27/02
16065	6	52/01	17414	3	41/02	18443	15	7,8,17,39/02	18659	14	39/01;1,26,30/02
16066	6	52/01	17416	3	13/02	18444	15	7,8,17,39/02	18660	1	39,44/01;30/02
16067	7	52/01	17420	26	47/01*;14,36,37,42,43/02	18445	29	38,40,42,48,49,50/01;1,4,6,7,8,12,15,17,22,28,32,33,39/02	18661	26	39,41,44/01;23,27,30/02
16081	6	52/01	17421	1	14/02	18446	15	4,6,8/02	18662	20	39/01;30/02
16082	6	52/01	17425	6	18/02*	18447	26	4,11,27/02	18663	4	44/01;23,27/02
16101	6	1/02*	17426	13	37/02	18448	32	45*,48,50/01;12,15,17,33/02	18666	1	9*,26/02
16206	7	45/01;2/02	17427	7	11,12,14,16/02	18449	17	38,50/01;15,17/02	18680	30	47/01;15/02
16220	5	6/02	17429	2	N38/02*	18450	16	38,41/01	18685	31	47/01;25/02
16322	7	46/01	17430	10	50/01	18452	16	17/02	18700	21	8,34,36,37/02
16338	3	43/01	17434	11	11/02	18453	23	42,48,50/01;28,38/02	18703	24	13*,36,37/02
16363	12	38/02*	17437	8	14,16/02	18454	4	N41/01	18704	12	37/02
16380	13	48/01;13,17/02	17438	12	42/01;10,12,14,16/02	18455	2	N38,N42,N46,N49/01;N17,N22,N39/02	18720	31	45,47/01;1,8,23,35/02
16382	10	48/01;13,17/02	17443	12	8,10/02	18456	19	42/01;12/02	18721	11	8,35/02
16435	5	27/02	17444	4	10,12/02	18457	9	12,15/02	18722	3	8/02
16440	13	37/02	17445	2	42/01;12,16/02	18458	14	38,40,42,49/01;1,6,7,17,22,32,39/02	18723	3	8/02
16441	7	37/02	17460	N12/02		18459	5	N38,N40,N42/01;N1,N7,N17,N22,N32,N39/02	18725	26	41,45,47/01;4,8,23,35/02
16442	6	3,37/02	17471	N15/02		18460	10	15,28,40,P44/02	18740	39	42*,51/01;1,8,16,20,23,34,37,45/02
16460	15	45/01	17480	4	8,15,43/02	18464	22	9,32/02	18741	18	N41,N51/01;N1,N25,N45/02
16471	11	45/01	17485	4	16/02	18465	34	38,40/01*;26,P44/02	18744	30	37/02
16475	9	45/01	17489	19	8,43/02	18466	17	38/01	18746	34	7*,20,23,34/02
16480	10	38/02	17491	3	8/02	18467	8	13*,32/02	18749	38	7*,10,16,18,20,23,25,27,40/02
16521	5	27/02	17493	2	8,43/02	18471	8	13*,32/02	18751	42	7*,10,16,20,25,27,40/02
16531	7	18/02*	17503	4	11,43/02	18473	6	40,49/01;4,6,8,12,22/02	18754	16	44/01;36/02
16566	10	17/02	17506		N8/02	18474	7	45/02*			
16568	12	39/02*	17513		N42,N46/01;N8,N11,N42,N43/02						
16575	1	39/02	17515	7	42,46,47/01;8,11,12/02						
16576	3	42/02	17517	8	42,44,46,47,48/01;4/02						
16580	11	42/01*;39/02	17518	7	38,42,43,44,45,47,48/01;6,P44/02						
16590	10	38/02*	17519	13	47,48/01;4/02						
16592	12	39/02*	17520	2	N42,N46,N47/01;N4/02						
16597	8	47/01;16,43/02									
16598	9	43/02									
16599	6	47/01;16,43/02									
16603	7	42/02									
16604	11	22/02*									
16606	11	37/02*									
16640	24	47*,48/01									
16645	18	13/02*									
16646	12	5/02*									

CHARTS AFFECTED BY NOTICE TO MARINERS  
NM 38/01 THROUGH NM 46/02

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.
18755	10	1/02	22080	3	52/01;20,32/02	23010	4	27,38/02	24319	1	46/01
18758	6	35/02*	22082	4	4,17,19/02	23023	4	27/02	24320	4	46/01;27,28,34,43/02
18760	6	N41,N43,N51/01;N1,N8,N16,N23,N34,N35,N45/02	22083	5	19/02	23030	6	40,42,51/01;27,38/02	24322	6	28,34/02
18761	2	N41/01;N20/02	22084	4	42/02	23051	9	47/01	24350	2	31/02
18762	15	41/01;20/02	22090	2	38/01;30,32,43/02	23102	6	50/01	24370	1	34/02
18763	9	41/01;20/02	22100	3	52/01;20,32/02	23115	3	27/02	24375	2	34/02
18765	15	18*,25,45/02	22101	19	52/01;16,20,32,43/02	23121	7	48/01;30/02	24376	1	52/01
18766	7	41,51/01;25,45/02	22111	4	32/02	23122	8	23,30,33/02	24380	2	35/02
18768	4	N41,N51/01;N25,N45/02	22112	3	38/01;23,25,30,32,43/02	23123	3	30/02	24388	2	35/02
18769	2	N41/01;N1,N20/02	22113	8	23,25,30/02	23124	3	N48/01;N30/02	24404	8	14,21,26,35,44/02
18772	46	41/01;20,25/02	22114	5	16,32,42,43/02	23125	4	30/02	24405	10	14,26,35,36,44/02
18773	38	42/01*;4,8,18,20,23,25/02	22120	3	46/01*;8,18,23,30,34,36,39,41,43/02	23126	6	N24/02*	24406	30	20,26/02
18774	10	35/02*	22121	9	39,43/01;1,6,8,17,23,30,34,36,44/02	23127	4	N24/02*	24408	21	4,14,36,44/02
18775	2	N41/01;N20/02	22122	2	46,52/01;17,34/02	23128	4	N24/02*	24410	2	21,44/02
19002	9	N42,N44/01;N23,N25,N37/02	22125	1	40/01;18,36/02	23129	2	N24/02*	24423	2	6,8/02
19004	36	46/01*;23,25,35,37/02	22126	1	36/02	23131	7	50/01;26,31/02	24430	5	39/02
19007	16	42/01	22130	2	1,44/02	23141	7	34/02	24431	14	39/02
19008	4	42/01	22138	2	52/01;8,18,41,44/02	23142	10	51/01	24434	4	39/02
19009	4	42/01	22140	2	52/01;1,4,30,34,36,44/02	23145	3	40,42/01	24444	2	6/02
19010	17	45/02*	22142	2	38,52/01;1,39,41,43/02	23150	10	48/01;1,20,37/02	24450	3	6/02
19013	16	44/01;25/02	22143	3	39,52/01;6,8,17,41/02	23152	3	37/02	24452	7	16,26/02
19320	16	23,27,35,37/02	22145	2	N41/02	23153	8	52/01;20,31/02	24460	4	15,17,39/02
19324	22	27,35/02	22160	2	4,30,34,39,41/02	24000	39	51/01;27,29/02	24462	5	15/02
19327	10	23/02	22170	3	13*,30,39/02	24004	36	40,46/01;5,7,29,30/02	24463	6	24,39/02
19330	9	6/02*	22172	7	41/01;8,10,17,27,30,39/02	24008	42	40/01;7/02	24465	6	15,23,33/02
19339	1	N25,N35/02	22181	16	17,27,39,41/02	24012	40	6/02	24469	1	20,46/02
19340	26	25,35/02	22182	6	7,8,30,34/02	24016	53	48,51/01;30,39/02	24470	4	28,39/02
19341	9	7/02*	22183	3	39/01;20/02	24020	47	46/01;27/02	24471	8	28/02
19347	17	25/02	22190	2	30/02	24028	6	42/01*;23/02	24480	1	38/01;14,17,25,27,41,44,45/02
19350	11	27/02	22205	2	14,16/02	24050	11	38,42,51/01;27,31,34,38/02	24482	2	24/02
19351	9	25/02	22221	20	42,45/01;20/02	24052	15	48,50/01;31,37,38/02	24483	2	48/01;20,24/02
19357	22	42/02*	22222	1	45/01	24053	16	48,50/01;24/02	24484	3	24/02
19358	20	28/02*	22250	2	42/02	24055	6	37/02	24490	3	52/01;24,31/02
19360	1	N37/02	22259	4	40/01;20/02	24057	4	31,38/02	24491	3	31/02
19366	36	13*,31/02	22262	3	46/01	24058	2	31,32,37,38/02	24492	20	31,46/02
19367	37	22,31/02	22263	1	45/01	24060	2	51/01;34/02	24501	3	52/01;14,17,27/02
19369	5	22,31/02	22264	2	40,45/01;20,42/02	24080	5	29/02	24502	6	46/02
19379	1	N44/01;N25/02	22275	3	40,45/01;20,42/02	24091	6	43/01;26/02	24504	7	38,52/01;17,41,45,46/02
19380	14	44/01;25/02	22282	17	19/02	24092	14	26/02	24508	2	38,52/01;18,19,41,45,46/02
19381	8	25/02	22283	3	N19/02	24100	5	27,29/02	24509	2	52/01;17,45/02
19385	7	20/02*	22290	4	40,45/01;20/02	24101	3	37,41/02	24510	2	38,52/01;17,18,19,41,45,46/02
19387	9	N25/02	22293	15	40,45/01;20/02	24102	3	37,41/02	24512	3	38/01;25,29,44,46/02
21005	5	45/02	22313	2	44/02	24110	9	37,29/02	24513	18	46/02
21008	62	39,42,43/02	22314	1	44/02	24120	9	47/01	24517	2	18,19,46/02
21014	72	38,45/01;42/02	22331	2	N39/01	24121	10	47/01	25001	7	42/01*;9,12,17,19/02
21017	50	23,41/02	22341	9	1,19,43/02	24130	14	40,47,48/01;24,29/02	25017	5	41/01;9,12/02
21020	42	23,41/02	22342	9	19/02	24131	8	48/01	25018	9	N42*;46/01;9,12/02
21021	3	45/02	22343	1	N45/01;N1,N19,N43/02	24132	13	10/02	25019	5	N42*;46/01;9,12/02
21023	41	38/01;5,34/02	22344	5	N42/02	24140	18	46/01;4,32/02	25400	1	23,26,35/02
21026	47	38/01;5,13/02	22345	11	42/02	24141	1	32/02	25480	1	47/01;20,42,46/02
21033	46	52/01;14,20,32/02	22347	5	N19/02	24150	27	40,46/01;6,27,29,30,32/02	25481	25	47/01;4,26/02
21140	1	45/02	22351	1	N45/01;N43/02	24151	4	29,32/02	25482	16	47/01
21141	23	38/01	22352	6	39/01	24152	2	30/02	25483	20	52/01
21160	1	45/02	22361	2	N7/02	24153	6	10,30/02	25484	23	11/02*
21161	19	43/02	22371	5	46/01;7/02	24154	12	10/02	25485	45	23,26/02
21182	34	1,39/02	22375	1	N19/02	24156	2	22/02	25487	2	23,26/02
21301	13	1/02	22379	1	N46/01	24159	1	27/02	25524	43	49,51/01;11,33/02
21342	28	41,44/02	22381	1	N19,N43/02	24160	21	40,43/01;6,27,28/02	25526	2	49,51/01;11,19,33/02
21384	3	23/02	22395	2	4,19,42/02	24161	11	48,49/01;11,27,42/02	25527	31	51/01;11,33/02
21401	20	40/01	22403	1	N45/02	24162	9	39,48/01;1,4,11,22,27,42/02	25528	5	21,42/02
21441	27	47/01;1,34,44/02	22404	15	46/02	24164	6	10,27/02	25550	2	17,19,24/02
21483	1	51/01	22406	1	N1/02	24171	19	43/01	25563	50	17,33/02
21489	1	13/02	22407	1	N1/02	24180	15	48/01	25565	7	33/02
21500	1	5/02	22409	4	N45/01;N45/02	24200	14	6/02	25566	27	17/02
21510	1	13/02	22410	32	4,7,11,43,44,46/02	24211	7	24/02	25570	3	52/01;19,31/02
21520	1	5/02	22411	1	N46/01**	24220	14	27,28/02	25575	4	52/01;4,31/02
21521	14	5/02	22412	2	7/02	24222	3	27/02	25600	47	38/01;24/02
21529	1	14/02	22413	5	N45/02	24223	33	18/02	25601	34	10,17,19,20/02
21540	36	5/02	22418	2	46/01;24,36,44,46/02	24230	20	48/01;10,18,30/02	25607	4	24,39/02
21563	3	45/02	22420	2	46/01	24233	15	36,43/02	25608	21	10,17/02
21601	4	14/02	22421	4	N4,N7,N11,N43,N44,N46/02	24234	3	30/02	25609	5	46/01;30/02
21602	1	28/02	22425	2	39/01;7,11,44,46/02	24240	5	40,47,51/01;30,39/02	25611	22	46/01
21605	7	19/02	22427	1	N4,N43,N44,N46/02	24250	5	40,47,51/01;30,39/02	25613	2	5,14,30/02
22004	38	39,52/01;18,20,23,30,32,34,36,39,41,43/02	22429	6	44/01	24251	23	40,47,51/01;24,34,43/02	25640	40	28/02*
22008	35	38,45,52/01;1,4,13,18,30,34,36,39,41,43,44/02	22430	3	41/01;39/02	24252	5	40,47,51/01;30,39,43/02	25641	26	5*,30/02
22012	31	4,14,16,30,34/02	22433	3	41/01;39/02	24260	5	34/02	25644	12	38/01;42/02
22032	20	46/01	22436	2	39/02	24270	3	24,27/02	25645	17	15/02*
22036	28	18/02	22471	31	38/01;18,44/02	24290	3	44,46/01;36,43/02	25646	7	N38/01;N42/02
22050	4	19/02	22481	35	45/01;43,44/02	24291	4	36/02	25649	18	41,45/01;18,30,35/02
22051	18	28/02	22482	16	44/02	24292	4	44/01;36/02	25650	33	22*,30/02
22052	6	28,46/02	23000	5	48/01;18/02	24293	6	6,32,36/02	25663	27	19/02*
						24294	22	6,36/02	25668	18	15*,16/02
						24311	4	27/02	25670	41	26,38/02
						24312	4	27/02	25673	15	28,42/02

## SECTION I

NM 46/02

CHARTS AFFECTED BY NOTICE TO MARINERS  
NM 38/01 THROUGH NM 46/02

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.
25677	19	4,21/02	28260	30	40/01;35,37/02	36106	7	40/01;18/02	37147	15	38,48/01;13,21,35,36,40/02
25681	15	41/01;4/02	28261	10	43/01	36117	6	18/02	37148	13	48/01;17,21,35,38/02
25683	17	45/01;30/02	28263	3	35,37/02	36120	9	16,19,20,22,31,46/02	37149	10	44/02
25687	11	12,15,35/02	28264	3	35,37/02	36122	12	16,19,21/02	37150	8	38,48/01;13,16,21,22,31/02
25689	9	39/01*	28265	3	37/02	36123	25	16,19,21,46/02	37161	14	38,48/01;13,18,21,22,31,34,43/02
25700	3	8,12/02	28281	32	40/01;36/02	36127	5	48/01	37162	12	11,12,15,16,17,18,26/02
25710	2	8,12/02	28282	2	35/02	36137	4	38/02	37163	19	11,13/02
25720	3	8,12,33/02	28300	1	47/01;23,39/02	36138	3	39/02	37164	4	15/02
25723	40	8/02	28302	16	51/01;31,33,39,40/02	36140	12	13,21,22,24,36,41/02	37165	2	47,48,49/01;1,5,8,9,15,17,18,20,21,34,36/02
25724	3	8/02	28310	2	23,31,33,35,39/02	36142	6	24/02	37166	2	38/01;8,11,12,15,16,17,18,26/02
25800	3	24,36/02	28320	6	47/01;33/02	36143	4	18,34/02	37170	11	48/01;38/02
25803	16	12/02	28321	36	29/02	36161	10	47/01;13,20,24,34,44,45/02	37180	20	48/01;21,38/02
25841	9	8,10,24,36/02	28323	2	47/01;27,29/02	36162	10	47/01;13,20,35,45/02	37182	14	48/01;35/02
25842	10	8/02	28325	2	47/01;27,29/02	36163	13	47/01;20,31,34,35,38,44,45/02	37183	9	48/01
25845	9	8/02	28330	2	27/02	36164	7	34,38,44,46/02	37200	15	39,40/01;18/02
25848	25	8/02	29015	5	2,22/02	36165	6	1,17,18,20,22,24,28,36,44/02	37202	2	13,18/02
25849	13	8,42/02	29040	3	52/01	36167	2	1,24,40/02	37205	2	39/01;39/02
26001	4	38/01	29104	4	47/01	36173	1	40/02	37221	13	47,48,49/01;1,5,8,9,11,12,15,16,17,18,20,21,24,25,27,28,34,36/02
26050	1	47/01;13,34/02	29121	5	32/02	36180	23	13,17,20,21,22,36,40/02	37222	13	15,27,28/02
26070	2	46/01	29122	5	32/02	36181	18	17,20,21,22,36,40/02	37223	14	26,42/02
26081	8	46/02	35000	26	11,13,23,24/02	36182	6	13,20,36,40/02	37224	11	47/01;15/02
26083	14	29/02	35008	21	43/01;45/02	37000	22	11,23,28/02	37226	17	48,49/01;5,9,11,15,16,17,19,20,21,25,28,30,39/02
26122	29	46/01	35009	19	15,40,41,45/02	37005	16	17,18,23,41,45/02	37228	14	38/01;5,8,13,21,24,27/02
26125	3	47/01	35011	2	11/02	37010	23	38,48,49/01;15,16,17,18,23,26,41,45/02	37229	15	15,16,17/02
26127	21	47/01;5/02	35016	17	12,29/02	37032	2	9,12/02	37230	14	47/01;16,18,24,25,39/02
26128	50	5/02	35031	3	12,22/02	37034	2	43/01	37231	18	38,48,49/01;9,12,15,20,21,25,28,30/02
26129	11	4,26/02	35032	16	12/02	37041	15	17,20,27/02	37232	12	12,15,16,21/02
26130	20	47/01	35036	21	1,13,17,19,24,30,36/02	37042	5	17,41,45/02	37234	13	38,47,49/01;1,9,12,15,20/02
26140	2	8/02	35040	18	50/01;21,45/02	37043	17	13,17,20,43/02	37235	11	15/02
26142	10	8,24,33/02	35041	8	21,35/02	37044	16	14,45/02	37241	17	13,16,17,18,26/02
26143	10	8/02	35042	9	21,27,44/02	37045	11	45/02	37242	10	13,15,20/02
26145	10	8/02	35044	9	48/01;38/02	37046	18	21,31,43/02	37244	11	49/01;1,8,11,16,17,18,26/02
26147	31	8,10,13/02	35047	5	13,35/02	37047	6	14/02	37246	14	13,15/02
26148	4	8,13/02	35060	14	18,22,40,41/02	37050	9	43/01;18,26,42,46/02	37248	18	12,39/02
26150	1	47/01	35080	16	18,22,40/02	37060	3	13,17,21,31,46/02	37258	4	15/02
26210	2	24,36/02	35086	5	31/02	37061	15	36,38/02	37261	10	15,28/02
26220	6	47/01	35099	3	41/02	37063	21	7,16,21,28,36/02	37264	3	30/02
26229	11	17/02	35100	14	40,45/02	37064	8	17/02*	37265	3	18,24/02
26230	12	43/01;17/02	35101	6	41/02	37065	7	19/02*	37281	15	30/02
26240	7	23/02	35103	5	41/02	37075	3	7,21,31/02	37320	16	12,18,26,27,28,38,44/02
26245	16	43/01	35120	13	40,45/02	37079	5	22/02	37325	8	14,18,34,39/02
26259	2	44/01	35141	11	34/02	37080	3	49/01;14,17,24,27,30,33,34,38,40,42,44,45,46/02	37326	2	11,12,34/02
26260	5	12,24/02	35143	7	34/02	37081	23	18,20,21,28,38,43/02	37328	2	12,18,42,44/02
26280	7	8,23/02	35155	3	11/02	37082	9	13,28,44/02	37330	2	22,24,26,30,32,34,38,40,46/02
26282	6	8/02	35159	3	25/02	37083	8	20,22/02	37342	3	17,32/02
26284	3	8/02	35163	7	25,44/02	37084	9	49/01;20,22,38,40,43/02	37343	10	11,45/02
26290	1	8/02	35166	4	35/02	37085	8	38,40/02	37344	11	17,32,34/02
26303	4	13/02**	35167	3	35/02	37086	8	38/02	37360	15	15,17,27,28,30,32,34,43/02
26305	4	13/02**	35169	2	35/02	37087	7	38,40/02	37362	6	48/01;12,17,31,43/02
26306	14	8/02	35180	6	38/01	37089	12	21,28/02	37363	8	11/02
26308	4	8,15/02	35210	3	40/01;29/02	37090	8	48,49/01;7,14,27,32,45/02	37367	1	38/02
26309	26	8,17/02	35230	3	40/01;29/02	37095	3	43/01;13,14,15,17,18,24,28,32/02	37380	2	12,15,17,34,40,42,43,44/02
26320	5	42,43,50/01;5,8,12,15,24,27,28,29,35/02	35236	2	7,38/02	37101	9	6,15,18,27/02	37400	10	9,15,28,34,38,40,41,44,46/02
26327	2	N41/02*	35246	2	38,43/02	37103	9	12,13,15,27,29/02	37401	9	48/01;9,28,32,44/02
26328	2	15/02	35270	2	38,46/02	37104	3	12,13,41/02	37403	23	43,49/01;12,24/02
26342	19	1/02	35277	3	38,46/02	37106	4	12,13/02	37420	1	43/01;9,12,34,43/02
26344	10	1/02	35279	3	38/02	37110	11	6,12,13,15,17,18,19,24,27,28,29/02	37421	8	43/01
26345	6	1/02	35295	3	27/02	37115	2	6,12,13,15,17,18,19,27,28,29,33/02	37441	4	43/01;9,12,15/02
27005	4	39/01;5,8,9,12/02	35298	7	27/02	37119	2	43/02	37443	2	9,12/02
27080	4	46/01*;1,5,20/02	35299	9	8,12/02	37120	2	48,49/01;1,12,13,15,19,24,27,29,39,42/02	37445	1	12/02
27082	6	38/01;9,18/02	35300	17	12/02	37121	11	12,13,15,24,27,29,31/02	37461	9	44/01
27083	39	52/01	35301	6	48/01;12/02	37122	12	40/01	37501	3	46/02
27100	2	31/02	35303	7	40/02	37123	9	19/02	37502	4	45,46/02
27120	4	40,44,47/01;41,43,44/02	35308	5	8,12/02	37125	15	15,19,24,42/02	38030	1	9,10,20,21/02
27142	5	43/01	35310	2	12,22/02	37126	8	15,41/02	38040	5	12/02
27163	21	9/02	35330	2	4,12,22,38,41/02	37129	6	39,42/02	38041	1	12/02
27183	8	5/02	35350	2	7,38,41/02	37133	4	44/02	38044	1	N12/02
27186	8	5/02	35390	2	12/02	37134	5	38/02	38100	4	12/02
28004	1	47/01;5,20,23,45/02	35400	11	8,12,30/02	37136	6	38,46/02	38103	1	N12/02
28050	3	13,28,34/02	35402	3	50/01;38/02	37137	6	46/02			
28051	2	38/01	35405	2	50/01;8/02	37139	8	18,23/02			
28110	2	15/02*	35420	13	12,24,30/02	37140	33	38,48,49/01;1,15,17,19,21,22,24,27,29,31,35/02			
28120	1	46/01	35421	14	31/02	37141	29	38,48/01;20,21,23,36,40/02			
28130	1	46/01	35423	6	31/02	37145	23	46/02			
28162	29	44,47/01;28/02	35424	3	30/02						
28164	17	47/01;28/02	36005	2	6,7,12,13,14,15,17,24,27,28,34,36,38,45,46/02						
28165	19	47/01	36010	27	1,8,12,16,19,20,22,24,38/02						
28170	1	38/01;4/02	36015	2	13,17,24,27,36,46/02						
28190	2	44,47/01;41,43,45,46/02	36040	16	12,19,30/02						
28196	4	44/01;41,43,45/02	36046	5	38/02						
28197	4	44/01;45/02	36060	17	8,12,16,19,31,38/02						
28202	22	41,44/02	36061	5	46/02						
28210	2	33,35,39,41/02	36062	11	40*,46/02						
28220	2	35,39/02	36081	16	12/02						
28221	18	33,37,39/02									
28223	4	38,42/01;35,39/02									

CHARTS AFFECTED BY NOTICE TO MARINERS  
NM 38/01 THROUGH NM 46/02

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.
38105		N12/02	44065	7	48/01;5,11,15,16,20,25,30,42/02	51100	7	42,43,44/01	53105	20	37/02
38460	7	18/02				51103	10	29*,33,45/02	53106	6	19*,20,24/02
38463	2	N18/02	44066	10	16,20,27,39/02	51104	1	29*,33,45/02	53107	16	35/02
38480	6	38/01;18/02	44067	22	39,49/01;5,8,11,16,21,25,29/02	51109	5	44/01	53110	1	29,40/02
38580	8	12/02				51120	6	44/01	53111	3	31,44/02*
38603	2	4,17,21/02	44068	11	P49/01;1,11,13,17,18,20,24,26,44/02	51135	1	38,44/01	53120	14	13,18,20,21,27,28,39,42/02
38610	1	20/02				51142	2	38/01			
38670	2	9/02	44069	16	47,P49/01;1,5,9,11,13,16,18,20,21,24,29,31/02	51143	4	14/02*	53122	3	20,29,40/02
38683	3	9/02				51144	3	14/02*	53125	2	46/02
38690	2	10/02	44070	7	49/01;9/02	51145	2	38/01;42/02	53130	1	27,42/02
41060	3	34/02	44071	4	9/02	51146	3	38,40/01;42/02	53133	3	6*,41,46/02
42620	5	12/02	44072	4	5,21/02	51150	1	38/01	53135	2	20/02
42740	5	2,12,34,41/02	44073	2	5,21/02	51155	1	38/01	53141	5	42/01;20,24,34/02
42742	3	2/02	44075	4	47/01;5,9,11,16,17,21,29,31,42/02	51160	20	38,43,44/01	53147	3	42/01;36,39,42/02
42760	5	2,12/02				51164	18	42/01;38,45,46/02	53149	2	31/02
42762	3	N12/02	44076	3	18,25/02	51165	8	42,43/01;25,45/02	53160	14	20/02
43030	24	39,40,47,48,49/01;1,11,25,28/02	44081	9	38,47,49/01;8,15,16,17,20,24,25,39/02	51166	3	N25,N45/02	53161	8	47/01
						51167	6	42,43/01;45/02	53162	6	40,41,47/01;15,20,33,37/02
43040	6	2/02	44082	11	39,48,49/01;6,11,15,16,17,18,21,24,25/02	51168	2	42,43/01;45,46/02			
43059	3	44/02				51220	8	33/02	53164	9	40/01;20,37/02
43060	4	44/02	44083	8	39,41/01;10,15,21/02	51225	3	51/01;27/02	53165	13	39/02
43079	2	41/02	44084	1	39,41/01;6/02	51240	2	33/02	53166	1	47/01
43082	5	41/02	44085	2	49/01;21,25/02	51260	4	46/01;37/02	53180	10	43/01;2,33,34,43/02
43101	3	46/02	44100	7	40,48,49,P49/01;1,11,13,15,16,17,18,24,25,26,44/02	51300	4	27/02	53181	4	42/01;2,34/02
43102	4	46/02				51320	3	47/01;12/02	53182	4	36/02
43104	4	46/02				51341	23	41,42,44,46/01	53183	13	19*,35/02
43106	6	44/02	44120	7	48,49/01;6,11,15,16,17,18,21,26,27,28,29,31/02	51344	2	46/01	53184	5	39/01;1,32,35/02
43140	4	17,41/02				51540	3	46/01	53200	6	46,49/01;2,3,33,36,43/02
43144	4	17/02	44140	8	39/01;4,6,16,26,27,28,29,31/02	51559	3	41/02	53201	6	45/01
43145	4	17/02				52039	3	46/01	53203	11	3/02
43150	2	N17/02	44161	2	29/02	52040	17	43/02	53204	10	3,44/02
43160	6	17/02	44163	1	43/01	52043	21	46/02	53206	6	17/02
43161	2	17,41,44/02	44164	1	46/02	52045	6	36/02	53220	6	46,49/01;2,36,43/02
43163	3	44/02	44178	2	21/02	52046	21	46/01	53223	5	29/02
43164	3	17/02	44180	6	18,20,24,29,34,45,46/02	52051	1	41/01;43/02	53226	2	49/01;15/02
43220	3	43/01	44182	4	21/02	52052	1	41/01;43/02	53242	12	2/02
43223	4	41/02	44183	6	44/01	52060	16	43/02	53244	2	2/02
43225	4	17/02	44184	9	21,45/02	52061	2	46/01;45/02	53262	7	22,42/02
43263	7	44/02	44185	7	45/02	52062	7	42/01	53263	1	37/02
43265	2	44/02	44186	2	43/01;21,45,46/02	52080	14	42,44/01	53265	6	47/01;19,35,41,46/02
43270	2	44/02	44187	2	21/02	52082	3	41/01;45,46/02	53268	4	22,42/02
43280	5	44/02	44192	1	21,29,46/02	52083	2	45,46/02	53269	5	19/02
43281	6	20/02*	44193	1	26/02	52084	2	41/01;45/02	53279	3	9/02
43284	4	16/02	44200	9	20,24,29,34/02	52085	3	41/01	53281	4	31,40/02
43285	5	15,16,44/02	44203	1	20,24,33/02	52086	2	42/01;45/02	53282	8	40/02
43300	5	15,44/02	44204	1	5/02	52088	2	45/02	53283	4	33/02
43301	4	15,45/02	44206	1	46/02	52092	1	46/02	53284	4	33,40/02
43302	4	44/02	44220	5	43/01;46/02	52120	12	32/02	53285	4	35/02
43303	4	41/02	44221	1	43/01	52121	8	41/01;45,46/02	53287	6	20,27,35,42/02
43304	2	44/02	44243	2	25/02	52122	14	41/01*;45/02	53290	1	35/02
43321	6	30,41/02	44260	7	29/02	52125	1	41/01*;45,46/02	53301	4	27/02
43323	4	30/02	44280	9	29,34/02	52140	6	42,43,44,46/01	53303	6	49/01
43324	4	30/02	44284	2	41/02	52141	5	44,46/01	53306	2	21,39/02
43341	7	41/02	44310	5	20,29,41,42/02	52142	2	42,43/01	53311	3	39/02
43360	21	39,47/01;17,28/02	44313	1	27,41/02	52144	5	41/01	54040	3	43,46/01;37/02
43363	5	45/02	44319	2	38,43/01;21,41,42/02	52160	7	42/01	54041	7	40,43,47/01;18,35/02
43364	5	45,46/02	44320	4	38,43/01;13,23,29/02	52161	14	42/01	54043	2	40/01;15,17,18,29/02
43371	13	22/02	44321	6	13,19,22,23,29,32,40/02	52170	3	50/01;3/02	54060	5	43/01;18,37/02
43372	4	22/02	44340	11	45/01;13,16,20,21,37/02	52172	2	3,11,40/02	54061	11	41/01
43373	8	45/02	44341	7	13,25,37,41/02	52180	14	42,43,50/01;2,21,24,42,43/02	54080	5	8/02**
43374	1	22/02	44342	8	6,13,37,41/02				54081	3	13/02
43375	7	46/02	44352	2	43/01	52186	3	3/02	54083	4	19/02
43385	1	43/01;5,27,45/02	44360	9	45,50/01;8,16,20,21,34,37,41,42/02	52262	6	7/02	54085	2	42,46/01;18,19,40/02
44000	16	39/01				53011	2	49/01	54090	3	46/02*
44001	2	38,39,43/01	44361	6	50/01;21,27/02	53031	1	42/01;12,13,17,18,19,21,22,27,28,30,39/02	54100	4	8/02**
44015	8	38,39,43/01;28,31/02	44365	1	47/01				54120	5	41,42,43/01;1,15,16,17,18,19,20,37,39,41/02
44030	7	20,46/02	44366	1	34,41/02	53060	14	43/01;12,14,15,17,18,19,21,22,27,28,30,32/02	54131	2	42,44,46/01
44036	5	28/02	44367	2	15,16,18,20,22,25,26,29,35,37,40/02	53061	10	43,49/01;14,19,28,30,44/02	54140	7	41,42,50/01;15,16,17,18,41/02
44037	5	40/01									
44038	5	18/02	44400	4	38,39,43/01				54151	1	38/01;7,14,15/02
44040	23	38,40/01;28,44/02	44401	7	13/02*	53063	8	43/01;14,19,28,44/02	54160	14	8/02**
44041	7	43/01	44410	4	38,39/01	53064	6	33/02	54161	12	16,17,19/02
44042	7	43/01;21,44,45/02	44420	6	39,43/01;5,36/02	53065	2	48,49/01;33/02	54165	2	45/01;33,37/02
44043	8	44/02	44430	2	43,51/01;4,6,16,17,28/02	53066	2	12,33/02	54167	2	17,19/02
44045	6	40/01	44444	6	31/02	53081	8	15,21,30/02	54168	1	37/02
44046	10	38/01;18/02	44461	10	39,51/01;4,6,8,12,16,17,19,28/02	53082	13	40/02	54169	3	42/01;8,16,37/02
44047	22	40/01;8,26,44/02				53083	8	40/01;18,19/02	54180	6	42,46/01;7,8,10,19,41,43/02
44048	11	39,40,43/01;8/02	44462	4	39/01;4,6,8,19/02	53084	6	48/01;17,18,24/02			
44049	9	38,39/01;18,44,46/02	44463	9	39/01;4/02	53085	6	17,24/02			
44050	21	38,39/01;8,18/02	44465	2	39/01;4,6,8,12,16,17,19,28/02	53086	8	20,46/02	54195	2	47/01;11/02
44051	1	43/01;44/02				53088	7	33/02	54200	4	46/01;7,8,10,11,13,21/02
44057	5	38,48,49/01;8,13,21,25/02	44481	2	39/01;6,26,28,31/02	53090	1	41/02	54201	6	47/01;13,21/02
			51002	7	13/02*	53093	2	20/02	54220	5	47/01;7,10,13/02
44061	21	39,49/01;8,18,21/02	51007	22	44/01;38/02	53100	16	40,43/01;13,18,19,21,24,28,33,39,42/02	54222	4	21,43/02
44062	8	8/02	51013	4	44/01;38/02				54223	2	13,21/02
44063	8	49/01;13,21/02	51017	31	46/01;37/02	53101	7	33/02	54224	2	40/01;13,21/02
44064	19	39/01;8/02	51022	11	46/01;37/02	53104	2	20,35,42/02	54225	2	21/02

## SECTION I

NM 46/02

CHARTS AFFECTED BY NOTICE TO MARINERS  
NM 38/01 THROUGH NM 46/02

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.
54226	2	46,47/01;7/02	55085	9	13/02	61150	4	46/01;12/02	62230	2	39,44,48,52/01
54227	2	46,47/01;7/02	55100	8	41/01;29,36,37/02	61160	3	43/01;12/02	62241	10	40/01
54240	11	8/02**	55101	4	48/01	61170	5	13,27/02	62250	4	43,48/01;34,38/02
54260	3	8/02**	55102	3	48/01;24/02	61171	10	13/02	62270	4	43,48,49/01;37,41/02
54279	3	N39,N43/01;N20/02	55103	2	42,48/01;9,12,24,29/02	61172	6	13/02	62271	5	37,41/02
54280	10	11,14,15,20/02	55104	2	9/02	61180	4	20,27/02	62285	2	42/01;26/02
54281	6	39,43/01;20/02	55105	7	48/01;6,9,12,18,29,36,41,42/02	61182	2	13/02	62288	2	49/01
54283	5	8,19,20/02	55110	2	41/01;4,7,23,24,29,37/02	61190	4	39,41/02	62290	3	38,40,42,48,49,51/01;2,11,26,37,41/02
54286	4	14,19/02	55120	2	48/01;36/02	61191	8	12,13/02	62292	2	42/01;24/02
54287	7	7,9/02	55128	2	4,5,6,9,26,33,36,38/02	61200	7	17,21/02	62295	3	42,51/01;2/02
54288	5	9/02	55129	7	6,9,33,36,37/02	61210	6	17/02	62302	2	44/01
54289	8	7,9,19/02	55130	2	13,27,45/02	61220	5	17/02	62310	2	6,27/02
54300	12	43/01;8,11,13,14,31/02	55131	1	27,36,45/02	61240	7	18/02	62313	4	17*,27/02
54301	4	43/01	55138	4	46/01	61250	4	18/02	62320	2	14,38,40/02
54302	1	8,11,13,14,31/02	55139	5	41/02	61310	2	33/02	62340	3	46/01;38/02
54303	4	8/02	55150	2	49/01;4,6,7,24,28,29,37/02	61311	5	17,33/02	62343	3	51/01
54314	2	47/01;13/02	55160	2	6,18,24,28,29,42/02	61312	3	17,33/02	62355	6	51/01
54318	3	38,45,47/01;5,19/02	55161	1	7,29/02	61400	2	27/02	62360	5	18,38/02
54320	4	38/01;7,13,20/02	55170	2	41,44,48/01;9,12,18,29,31,36,41/02	61410	2	14/02	62361	2	N18,N38/02
54322	7	38,49/01;5,13,19,20/02	55175	1	49/01;24,28/02	61420	2	14/02	62366	3	38,40/02
54324	8	38,45/01;19/02	55180	2	9,33/02	61433	1	14/02	62387	2	40/01
54327	4	20,31/02	55200	2	12,27/02	61434	2	14/02	62388	2	40/01
54329	4	5/02	56031	1	41,42/01;1/02	61440	2	15/02	62391	4	40/01
54330	2	46/01;5/02	56041	4	40/01	61450	2	46/01;14,17,27/02	62392	7	14*,18/02
54333	3	5/02	56042	6	40,41/01;22/02	61470	2	15/02	62393	7	34,37/02
54334	3	46/01;7/02	56043	6	22/02	61472	1	15,20/02	62394	10	34,37/02
54337	3	19,31/02	56044	3	38,43/01;22,38/02	61500	2	17/02	62395	2	34/02
54339	8	7,17,31/02	56048	2	40,41/01	61510	2	15/02	62400	17	39,41,42,47,49/01;23,24,33/02
54340	8	19/02	56060	8	42/01;33/02	61522	1	15/02	62401	9	11/02
54343	10	14,19/02	56063	1	2,14,21/02	61530	2	38/01	62402	9	2,5,6,15,17,20/02
54344	6	14,19/02	56064	6	41/01;14,38/02	61538	1	38/01;15/02	62403	5	41,49/01
54346	8	14,19/02	56065	3	40,41,42/01;33,38/02	61540	2	38/01;15,20/02	62406	2	38/01;8,24,33/02
54360	12	43/01;15,19,20/02	56067	2	40/01;33,38/02	61541	8	4/02	62408	7	11,15/02
54363	3	15,19,20/02	56081	19	40/01;41/02	61542	6	4/02	62409	6	2/02
54365	6	15,19,36/02	56082	16	40/01	61550	2	17/02	62413	11	33/02
54366	3	15/02	56083	2	7,31/02	61560	2	15/02	62419	6	33/02
54367	3	15/02	56088	13	42,47/01;P1,41/02	61581	5	14,18/02	62420	5	51/01;33,37,39/02
54368	4	20/02	56100	6	42/01;33/02	61582	4	14,18/02	62429	9	39,45/01;17,27,39,43/02
54369	4	43/01;13,15/02	56103	6	18,30/02	61591	4	8/02	62431	8	26*,27,37/02
54372	2	20/02	56104	2	42,47/01;P1,41/02	61592	4	8/02	62432	15	40/01;4,25,31,34/02
54380	6	41,42/01;5,19,26,42/02	56120	12	42,44,48/01;1/02	61610	7	28,29/02	62433	12	15,30,31,34,45/02
54382	9	41,42,43,45/01;26/02	56141	6	45/01	61611	11	28/02	62434	9	12*,40,46/02
54386	10	43/01;7,42/02	56161	2	N42/01	61612	4	28/02	62437	9	32,46/02
54387	7	41,42,43,48,50/01;6,23,42/02	56190	3	42/01	61650	3	17/02	62440	7	41/01;5,15,17,20/02
54389	8	6,43/02	56195	2	42/01;18/02	62000	20	44/01;18/02	62441	10	16,36/02
54400	8	42,49/01;1,5,7,20,32,43/02	56220	4	42/01	62001	4	40,48,51,52/01;2,36/02	62442	6	45/01
54403	4	42/01;6,22,43/02	57029	9	40/01	62024	13	46/01;13,14,38,40/02	62444	2	41,42,49/01;1/02
54404	4	19/02	57035	10	46/01	62028	15	40,46/01;5,8,12,18/02	62446	3	47/01
54407	4	42/01;32,43/02	57063	5	40,41/02	62032	15	38,40,41,43,45,51/01;13,16,18,23,29,32,33,43/02	62448	2	45/01;2,23/02
54409	2	23,32/02	57064	3	41/02	62033	2	N38,N40,N41,N43,N45,N51/01;N13,N16,N18,N23,N29,N32,N33,N43/02	62449	4	15/02
54413	3	31/02	57101	18	41/02				62451	7	45/01;2,21,23/02
54416	5	7/02	57120	13	43/02				62453	3	25,33/02
54418	4	42/01;32,43/02	57140	10	43/02				62455	7	39,45,51/01;17,27,39,43/02
54421	6	40/01;6,7,28/02	57141	14	43/02	62040	5	13/02	62456	1	39/01;27/02
54422	4	19/02*	57142	6	43/02	62046	2	13,39/02	62457	5	51,52/01;5,6,17,20,21,24,36/02
54423	4	43,48/01;2,37/02	57160	10	43/02	62050	6	18,44/02			
54424	1	40/01*	57161	4	31/02	62080	5	40/01	62460	4	6,24,31,33/02
54430	1	42/01;26,28,37,43/02	57162	7	43/02	62090	7	40/01;2/02	62462	1	41,49/01;1/02
54440	4	41,42,43,44/01;7,30,41/02	57165	2	43/02	62092	7	2,41/02	62463	1	41,49/01;1/02
54441	6	41/01;30,42/02	57170	1	43/02	62093	7	2,16,41/02	62464	2	15*,31/02
54463	5	40/01;14/02	57380	3	40/01	62095	2	2,3,16,41/02	62480	1	38,41,43/01;13,15,18,23,30,31,33,37,43/02
54464	5	7/02	57460	4	40/01	62097	5	46/01*	62490	1	40,43,45,51,52/01;2,4,12,16,18,25,29,31,32,33,43/02
54480	8	41,49/01;22,30,36,41/02	57480	8	40,46/01	62098	6	41/01*			
54481	8	41,43,49/01;22,30,36/02	57482	12	40/01	62100	6	38,40,41,44/01;2,4,12/02			
55001	4	6,18,29,36,37,42/02	57484	19	46/01	62110	9	51/01;2,4/02			
55040	4	42,43/01;13,15,18,23,27,28,31,32,39,41/02	61000	20	46,51/01	62120	6	46/01;11/02	62498	4	12*,23,25,27,31/02
55041	7	42,43/01;15,22,32/02	61015	8	17/02	62121	9	11/02	62499	4	15*,25,27,31/02
55042	1	41,43,48/01;18,21,27,28,42/02	61018	4	45/01;18,24/02	62130	2	46/01	62510	2	6,23,31,33,34/02
55043	2	41,42,43/01;21,23,27,28,37,39,42/02	61020	2	17,28/02	62140	1	34,40/02	62512	2	N6,N23,N31,N33,N34/02
55044	5	41,43/01;22,23,41,43/02	61021	3	45/01;18/02	62142	10	24,28/02			
55045	2	41,42/01;18,21,23,41/02	61036	8	8,27/02	62143	3	43,48/01;24,28/02	62515	2	14,26,45/02
55046	4	41,43/01;1,4,21,22,23,26,27,30,31,37,38,39,41/02	61040	6	51/01	62144	3	43/01;24/02	62520	5	38,41/01;5,6,7,13,15,17,20,30,31,37,43/02
55047	8	45/01;22,23,26,27/02	61050	4	51/01	62170	2	38/02	62521	3	N38,N41/01;N5,N6,N7,N13,N15,N17,N20,N30,N31,N37,N43/02
55048	12	41,42/01;6,23,27,32,36,37,39,41/02	61090	5	1/02	62171	4	38/02			
55049	6	45,49/01;22,27,30,41,43/02	61110	3	12,28/02	62177	3	42/01	62530	5	43,51/01;7,31,33,43/02
55060	7	19,20,36,37/02	61111	12	51/01;12/02	62188	3	52/01	62531	3	N43,N51/01;N7,N31,N33,N43/02
55064	3	41/01;4,23,37/02	61120	4	12,28/02	62191	14	47,52/01;22,29,41/02			
55084	7	39/02	61130	3	12,28/02	62193	17	17*,19,31/02	62540	6	17*,18,21,23,25,26,29,31,32,34,40,45/02
			61140	5	12,27/02	62194	8	17*,18,19,31,36/02			
			61141	6	38/02	62195	6	43/01;22,36,41/02	62541	3	N17*,N18,N21,N23,N25,N26,N29,N31,N32,N34,N40,N45/02
			61142	6	38/02	62220	8	47/01;8/02			
						62222	4	44/01			
						62225	3	17*,37/02			

CHARTS AFFECTED BY NOTICE TO MARINERS  
NM 38/01 THROUGH NM 46/02

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.
62550	2	41/01:7,13,30,43/02	71012	3	44,45,46,48/01;19,33,39,46/02	72040	3	11/02	74172	5	2,36/02
62560	3	45,48/01;2,21,23,25,29/02	71015	4	48/01	72045	2	41,44,48,49/01;16/02	74181	8	52/01:2,11,13,23,28,33,35,37,38,39/02
62570	4	17*:21,23,25,26,31,32,33,34,36,40,45/02	71018	10	52/01:2,5,9,10,15,33,35,37/02	72050	4	48/01	74182	12	52/01:1,3,5,11,13,23,24,25,26,28,33,35,37,38,39,41,42,44/02
62580	3	40,45/01;2,4,14,23,26,32,33,45/02	71027	9	7,15,19,20,22,24,25,34,38,45/02	72060	8	43,46/01;32/02	74183	11	11,38,39,42/02
62590	2	40/01:4,9,12,16,28,29,36,40,46/02	71033	31	41,46,48/01;7,15,23,37,38/02	72070	4	46/01:8,11,32/02	74184	10	10,13,23,24,28,33,35,37,38,46/02
62591	3	N40/01:N4,N9,N12,N16,N28,N29,N36,N46/02	71036	8	40,41,46/01:9,11,35,44/02	72075	2	8,20/02	74186	7	11,18,34/02
63000	13	40,42,44,49/01;5,12,27,28/02	71040	5	44,47/01:27,34,42/02	72080	7	8,20/02	74190	7	2,13,22,23,26,35,36,37,46/02
63005	18	38,40,41,42,44/01:4,15,25,31/02	71042	1	44/01:34/02	72085	2	6,8,30/02	74191	2	19,22,24,26,35,46/02
63010	14	41/01:26,29,31/02	71043	2	25/02*	72092	2	51/01:29,38/02	74192	3	5,24,26,28,35,46/02
63015	11	41,43/01:31,38,40/02	71044	1	44/01:27/02	72100	3	42,44/02	74200	8	1,5,14,18,21,27,28,37,46/02
63020	15	44/01:27,31/02	71058	2	23,36/02	72105	2	51/01:36,38/02	74201	9	27/02
63040	2	12*:46/02	71059	1	23,36/02	72107	2	12,15,27,29/02	74202	3	14,16,21,24/02
63050	2	40,41/01;5,12,17,46/02	71061	15	23,36/02	72109	3	42,44/02	74204	5	1,13,14,21,24,27,37/02
63053	4	12*:14/02	71066	1	39/02	72110	9	12,15/02	74205	2	16,24,25/02
63054	3	19*:31/02	71071	5	45/01;15/02	72113	4	45/01:13,46/02	74206	2	8,24,34/02
63055	2	51/01*:5,14,29/02	71081	3	16/02	72116	3	45/01:13/02	74210	7	12,25/02
63060	7	41,48/01;5,12,25,28,32/02	71140	6	45/01:33,39,46/02	72117	10	15/02	74220	8	1,6,11,13,17,23,25,26,35/02
63062	7	41,44,47,48,49/01;5,18,28,29/02	71180	29	51,52/01:2,8,10,33,37/02	72173	2	12,15/02	74221	2	11,13,35/02
63063	9	40,41,49/01:5,27,29/02	71182	2	51/01	72181	2	36/02	74229	2	5,6,11,17,22,23,33,37,43/02
63065	6	18/02	71183	13	32/02	72190	2	6,30/02	74230	7	11,13,28,39,42/02
63070	3	40/01:20,27,28,29/02	71185	24	5,8,13/02	72201	48,49/01;5,9/02	72197	9	39/01:1,5,6,19,23,35/02	
63080	5	42,48,49/01:1,26,27,28,31/02	71186	2	5,8,13/02	72202	2	41,46,48/01:16/02	74232	9	2,9,15/02
63090	8	41,42,44,46/01:25,31/02	71210	18	45,46/01;44/02	72211	6	41/01:43/02	74234	1	2/02
63091	4	41,42,44,48,51/01:26,27,32,39/02	71211	4	45,46/01:38/02	72223	8	44,45,48/01	74240	8	4,9,15,34,39,42/02
63092	4	41,51/01	71212	1	46/01:18,38/02	72231	8	52/01:31/02	74251	8	4,15,17,23,25,26,31,32,34,37,42,44,46/02
63100	2	40/01:4,15,44/02	71220	3	45,48/01	72234	2	43,52/01	74252	9	19/02
63101	15	40,41,42,44,46/01:14,17,19/02	71223	8	47/01:17/02	73000	9	52/01:26,40/02	74253	6	4,11,15,17,19,23,25,27,32/02
63102	19	40,41,45,46,52/01:14,17,19,26/02	71230	11	45,48/01:1,23,38/02	73002	4	40,41,46,51/01:4,6,8,18,24,30/02	74261	9	15,25,41/02
63103	17	40,41,43,45,52/01:14,17,26,29/02	71239	3	38/01:4/02	73006	2	26/02	74265	2	4,11,15,17,18,19,25,31,38,41,43/02
63110	4	38/01:40/02	71241	10	18/02	73008	8	40,41/01:8,16/02	74270	3	1,9,18,19,26,31,38/02
63111	9	38,43,51/01:17,25/02	71243	4	1,33/02	73010	3	13/02	74271	9	9,19,28,38,46/02
63120	2	41,47/01:44/02	71244	3	38/01	73012	5	9,10,42/02	74272	7	26,32/02
63121	5	41,47/01	71247	18	52/01:20,21/02	73016	4	43,46/01;15,44/02	74273	5	1,18,19,31,38,41,43/02
63150	1	14,15,25,31/02	71248	1	N18*:N20,N35/02	73018	3	13/02	74282	2	46/02
63200	5	41,43/01	71249	2	35/02	73020	9	3,25/02	74285	2	31,34,35,45/02
63201	9	43,48/01:40/02	71251	11	20,35,40/02	73022	4	13/02	74286	2	15,22,24/02
63205	2	41,43/01	71253	10	14,21,35,40,42/02	73024	3	39/02	74287	2	27,34,38/02
63210	3	45/02	71255	5	43/01:9/02	73030	4	4,20/02	74289	5	13,18,26/02
63220	5	46/01*:26,45/02	71257	2	38,43/01:4,8,9,15,18,21,23,28/02	73032	4	47/01:4,25/02	74290	11	13,25,34,39,45,46/02
63230	6	17*:45/02	71258	2	43/01:4,9,15,18,20,21,28,35/02	73041	2	51/01:18/02	74292	8	13,27,34,38/02
63231	8	31,45/02	71259	2	38,39,46,52/01:18,20,21,33/02	73141	5	13/02	74293	7	25,34,45/02
63232	3	45/02	71261	8	2,13,35/02	73191	3	45/01	74294	3	25,34,45/02
63233	15	31/02	71265	3	46/02*	73271	7	41/01:21/02	74295	3	18,22/02
63250	6	14*:29,40/02	71271	10	46/01:23,25,30,34/02	73552	4	9,25,34,45/02	74296	4	27,34,38/02
63252	1	48/01	71272	10	23,30,34/02	73570	7	34,45/02	74310	2	9/02
63260	5	41,43/01	71273	2	14/02	73581	4	16/02	74320	3	35/02
63270	7	42,43/01	71275	3	43,48,49/01:13,23,35/02	73590	6	16,31/02	74330	3	15/02
63271	8	41,42,49/01:19/02	71285	3	46/01:2,7,23,25,30,34/02	73601	3	12,15,17,24,26,31,34,35/02	74340	3	15,27/02
63280	3	52/01	71295	2	46/01:25,26,30,34,39,40/02	73610	4	26,31/02	74350	4	25/02
63290	7	38,43,47,52/01:19,31,32,38/02	71305	2	48/01:9,14,31,34,36/02	73631	4	36,46/02	74376	5	43/02
63291	9	38,43,47,48/01:19,33/02	71312	5	45/01	73640	5	23,36/02	74380	4	2,3,9,22,32/02
63320	8	38,40,42,44,45,51/01:30/02	71313	8	45,51/01:45/02	74000	6	45/01:10,12,24,36/02	74391	3	15/02
63321	6	38,40,42,44,45/01:30,42/02	71314	5	45/01	74002	2	2,13,14,18,25,27,28,35/02	74392	7	16,22,25,39/02
63322	2	45,49/01:30/02	71315	2	44/01:14,27,31,34/02	74006	2	26,31/02	74393	9	12,16,18,19,25,28,31,38,41/02
63324	1	6/02	71320	1	45/01:35/02	74007	1	36/02	74394	2	3,12,18,19,28,31,41/02
63330	9	27,39/02	71330	13	35/02	74008	6	9,15/02	74410	3	16,20,25,38/02
63337	15	27,31,39/02	71340	11	18,19,22,40,46/02	74009	10	3,9,20,22,25,38/02	74415	1	39/02
63383	5	44,48/01	71348	3	18,35/02	74012	10	52/01:17,20,22,26,37,40/02	74420	3	45/02
63400	1	39/02	71350	8	15,18,20/02	74017	10	52/01:20,40/02	74440	3	32,39/02
63410	6	43/01:39/02	71400	5	11/02	74018	6	44/02	74450	3	21,22,26/02
63413	5	39/02	71401	1	40,46/02	74020	4	16,17,33,37,38,43/02	74455	3	9,19,21,23/02
63417	2	43/01:39/02	71402	1	18,40,46/02	74021	7	10,13,14,20,33,35,39,44/02	74460	4	21,22,26,37,40,46/02
63420	2	43/01:39,45/02	71410	1	41,45,01:11,39/02	74024	7	31,44/02	74465	2	9/02
63424	2	45/02	71420	1	46,47,48/01:38,39/02	74027	9	43,44/02	74475	2	44/02
63440	4	47/01	71425	1	47/01	74030	6	10,28/02	74485	3	16,43/02
71005	1	43,46,48,49,50/01:7,9,34/02	71430	2	18,41/02	74042	1	6/02	74491	4	6/02
71006	5	8,39/02	71440	1	7,24,34,38/02	74052	2	10,28/02	74492	7	6,16/02
71009	3	50/01:9,39,46/02	71450	1	22,25/02	74054	2	28/02	74493	3	6,16,38,43,45/02
			71460	1	15,20,25,41/02	74071	4	12/02	74494	2	52/01:41/02
			71465	1	20/02	74151	9	4,10,20,24,27,36,44/02	74510	2	14,16,17,33,35,37/02
			71470	2	15,38/02	74152	11	14,36,44/02	74515	4	10,13,14,20,28,33,35,39/02
			71480	8	40,41/01:4,31,32,35/02	74153	2	4,14,36,44/02	74517	3	10,13,18,20,21,39,41/02
			72007	10	41,49,51/01:6,30,36,38/02	74162	4	10,36,46/02	74521	3	28,41/02
			72014	10	45/01:12,46/02	74171	4	33,36/02			
			72021	8	31,36,38/02						
			72028	7	46/01:4,5,15,31,34/02						
			72035	8	41,44,48/01:16,31/02						

## SECTION I

NM 46/02

CHARTS AFFECTED BY NOTICE TO MARINERS  
NM 38/01 THROUGH NM 46/02

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.
74527	2	28/02	76146	1	2,8/02	91247	5	41,45/01	93061	4	45/02
74530	2	28,44/02	76147	1	2/02	91280	7	39,42,45/01;19,22/02	93101	2	N24,N34,N38/02
74535	2	31,42,44/02	76150	6	35/02	91286	10	13,20/02	93110	2	41/01*;22,24,38,40,41/02
74545	3	28,40/02	76151	7	5,22/02	91289	19	13,19,20/02	93113	2	19/02
74555	3	10,34,43,44/02	76161	10	9,40/02	91292	4	42/01	93115	2	40,41/02
74560	10	14,23,28,32,40,43,46/02	76170	7	29/02	91294	8	39,42/01;10,14/02	93117	2	19,40,41/02
74581	9	9,13,20,26,32,34,36,40,41,43,45/02	76171	10	39/01;9/02	91297	9	39,42/01;10,14/02	93160	4	15*;27,34/02
74582	9	3,9,13,18,26,28,40/02	76180	1	2,4,6,18,22,23/02	91300	3	38,40,48/01;10,21,22/02	93180	7	27,34/02
74583	15	26,32,34,40,43,44/02	81001	1	47/01	91309	4	13/02	93200	4	44/01;9,26,27/02
74584	5	4,18,22,25,32,34,41,43,45/02	81002	6	18/02	91314	3	40/01	93220	6	44,47/01;17,27,34/02
74590	2	10,28/02	81023	5	18/02	91326	2	40/01	93240	11	44/01;17,34/02
74591	7	10,40/02	81048	8	14/02	91330	1	40,44/01	93243	6	48/01;42/02
74595	2	28/02	81054	12	44/01;14,29/02	91331	3	38,39,40,48/01;10,21/02	93245	6	44/01
75001	3	9,23/02	81063	5	2/02	91338	2	39,40/01	93247	4	26/02
75010	7	16,18,41,42/02	81092	3	38/02*	91340	3	40,43,45,47/01;11,19,21/02	93260	8	44/01;27,31/02
75025	9	14,22,23,36,39/02	81187	5	45/01	91360	2	38,41,48/01;11/02	93261	5	44/01;31/02
75035	18	10,21,24,36,39/02	81327	4	45/01	91380	2	41,43/01	93360	5	38/02
75051	6	13,16/02	81345	3	45/01	91400	2	43/01;10/02	93385	6	6,18/02
75052	2	13,16/02	81711	6	23/02	91407	2	43/01;10/02	93404	6	6/02
75120	2	16,42/02	81715	4	23/02	92006	5	45,46/02	93420	4	18/02
75130	16	7,16,18,21,27,31,34,41/02	82015	13	22/02	92010	3	40,45/01;19/02	93440	4	18/02
75131	7	18,20,28/02	82020	7	22/02	92020	2	45,47/01;19/02	93460	7	6/02
75132	11	31/02	82030	8	39/01;12,18/02	92025	3	39,40,41,43,47/01;10,11,13,21/02	93520	13	45/02
75134	3	7,23,27,33/02	82210	2	42/02	92030	4	38,39,40,41,47/01;7,10,11,19,21/02	93610	3	46/01;44,45/02
75142	5	4,8,15,21,28,36,42/02	82242	1	35/02	92033	5	45,52/01;45/02	93650	2	46/01;19,44/02
75143	4	4,12,15,20,28,32,33,36,38,42/02	82244	5	35,42/02	92040	2	40/01	93680	3	45/02
75144	3	20,31,33,36,42/02	82253	7	49/01;35/02	92050	1	43/01	93710	3	39,41,42,43,46/01;14,26/02
75150	5	13,16/02	82374	9	22/02	92060	3	40,47/01;21/02	93720	10	39,45/02
75160	6	6,22,23,24/02	82377	2	22/02	92061	3	40,41/01;21/02	93721	5	42,48/01;1,5,8,9,20,22,26,32,39,42,45/02
75170	12	38,39/02	82580	2	19/02	92070	3	41,43,47/01	93725	6	20,45/02
75171	22	52/01;5,8,10,12,14,17,18,22,27,31,32,33,36,38,40,42/02	82646	2	48/01;19,33/02	92090	2	41,48/01	93726	4	47/01;26/02
75172	5	39/02	82649	5	42,48/01;3,18,20,33/02	92100	3	48/01	93730	3	46/01;6,21,39,40,42,45/02
75173	9	52/01;8,10,12,14,17,20,25,31,32,33,36/02	82683	4	45,48/01;6,18,33/02	92110	3	48/01;13/02	93733	13	42,43/01;1,5,6,17,21,22,26,32,39,45/02
75175	9	52/01;5,16,18,31,33,38,40,45/02	82684	3	48/01;3,12,18,33,38/02	92115	1	13,15/02	93734	11	42,43/01;1,6,17,22,26,32,45/02
75176	9	5,7,14,17,27,42/02	82689	3	5,6,18,38/02	92120	3	43/01;5/02	93736	22	42,43/01;1,5,6,8,11,16,22,26,32,41/02
75177	7	5,12,18,27,38/02	82690	10	6,18,19,20/02	92120	3	43/01;5/02	93778	8	48/01;14/02
75180	2	3/02	82694	6	38/02	92130	3	47/01	94004	6	41/01;2,12,14,19,29,30,33,37,44/02
75185	2	22/02	82697	6	38,46/02	92200	3	45/01;10,19/02	94016	2	40/01;12,23,33,35/02
75190	2	11,23/02	83020	8	7/02	92210	3	18*;19/02	94028	7	41/01;7,8,9,13,14,23,25,40,42/02
75191	6	3,22,25,37,38,43/02	83021	1	25,27,43/02	92214	4	45/01;3,19/02	94033	5	47,51/01
75193	6	22/02	83023	4	25,27,43/02	92216	3	23/02*	94040	13	48/01;30,37/02
75207	2	36/02	83024	2	42/01	92230	3	45/01	94060	10	39,42/01;2,5,27,29,30,33,37,46/02
75208	2	14,26/02	83025	1	42,48/01	92240	3	45/01	94061	5	42/01;1,2,5,19,33,35/02
75213	2	36/02	83026	32	18,41/02	92242	3	45/01	94063	4	41/01;29,33,41/02
75215	2	1,36,39,40/02	83032	1	18/02	92242	2	45/01;3/02	94067	10	43,48/01;33/02
75220	12	10,14,36,39/02	83034	1	39/01;12/02	92260	2	45/01	94080	7	40,41,48,51/01;14,15,27,29,30,33,44/02
75222	8	1,18,22,35,40/02	83039	11	9,12,41/02	92280	2	45/01	94082	8	40,43,51/01;5,13,14,25,27,30,44/02
75240	4	14,36,39/02	83252	8	18/02	92290	2	41,43/01;7,11/02	94083	12	51/01;5,13,17,25,44/02
75241	6	34,36/02	83253	2	18/02	92293	2	43/01;7,11/02	94084	1	5,6,13,23,25/02
75251	5	23,33/02	83255	2	42/01	92296	3	43/01	94120	6	51/01;12,19,21,33,38/02
75261	6	13,17,21,23,24,33,36/02	83382	9	48/01;20,25,27/02	92310	4	39,43,48/01;5,11,13/02	94122	7	51/01;19,30,40/02
75262	6	12,38/02	83383	2	48/01;20,25,27/02	92320	4	41,43,48/01;7,10/02	94123	9	12,21,33,38,42,44/02
75263	9	17,32/02	83385	19	20,27/02	92330	3	41,43/01	94124	13	38,42,44/02
75264	17	1,16,17,19,33,34,37,41,42,44,45/02	83392	5	31/02	92350	4	47/01	94127	2	21,33,38/02
75265	2	13,17,20,21,24/02	83393	2	N31/02	92356	2	47/01	94160	7	41,42,47/01;2,26,27,33,38,44,46/02
76015	1	42/01;3,4,18,23,24,29,35,40/02	83397	6	8,18/02	92360	3	48/01	94164	2	2,26,27,46/02
76020	7	8,18/02	83425	6	3,20,35/02	92370	2	48/01	94165	4	14,20,26/02
76030	9	9,12,24/02	83484	10	1/02*	92380	3	41,48/01;7,10,11/02	94180	9	39,42,46,47,48/01;26,32,42,44/02
76041	2	2/02	83495	7	42/01	92383	7	44,48/01	94187	3	32/02
76050	8	38/01;24/02	83500	1	9,12/02	92385	4	44,48/01;7,10/02	94188	2	44,46/02
76052	8	44,52/01;1,8,12,15,21/02	83560	3	9/02	92400	3	39,47/01	94203	10	46,47,48/01;22,26,41,42,44,46/02
76054	5	9/02	83570	2	39/01;5,24/02	92410	3	39,41,47/01;10,11,14/02	94206	3	46/01;22,26,41,42,44/02
76056	3	38/01	83572	1	24/02	92420	4	39/01;11/02	94207	5	N42,N46,N47/01;N26,N42,N44/02
76060	7	40/02	83574	2	39/01;5/02	92440	4	39,40,47/01	94208	6	N42/01;N44/02
76061	3	40/02	83580	2	12,24/02	92450	3	38,40/01;7,21/02	94216	6	40,41/01;27,45/02
76070	9	38,42/01;4,9,12,23,35/02	83633	4	40/01	92460	1	38/01;11/02	94217	4	30/02
76071	9	38/01;4,23,35/02	83637	4	40/01	92470	3	39,40,47/01;19,21/02	94218	3	30,36/02
76080	8	42/01;3/02	91005	6	7,10,11,45/02	92490	2	45,47/01	94220	4	46/01;22,26,41,42/02
76081	7	38/01;9,12/02	91008	1	12,29,44/02	92520	2	45,47/01	94280	5	41/01
76083	3	40,42/01	91010	6	29/02	92529	3	47/01			
76090	6	2,9/02	91020	5	38,39,40,43,45,48/01;10,19,21,22/02	92550	1	40,45/01			
76110	5	23/02	91025	8	40,41,47/01;7,10,21,22/02	92560	4	45,51/01;45/02			
76120	6	6,22,23,25/02	91030	3	38,40,41,43,47/01;7,10,11,21/02	93006	2	41/01;21,39,45/02			
76121	8	4,9/02	91040	1	43,48/01;10,11/02	93010	6	48/01;15,17,22,27,38,40,41/02			
76140	7	2,46/02	91080	4	38,48/01;11,21/02	93018	8	48/01;9,27/02			
76141	8	4,14,19,46/02	91081	1	38/01	93020	2	42/01;15,24,38/02			
76142	1	46/02	91096	1	48/01;21/02	93022	4	6,18/02			
			91120	3	41/01	93025	5	45/02			
			91140	4	41/01	93030	6	42/01;6,18,45/02			
			91160	3	41/01	93032	3	46/01;45/02			
			91170	2	41,48/01;38,41,44/02	93043	1	45/02			
			91175	2	41/01	93046	1	9,45/02			
			91240	5	41,44,45,47/01;7,10/02	93047	2	45/02			
						93048	1	35/02			
						93049	1	45/02			

CHARTS AFFECTED BY NOTICE TO MARINERS  
NM 38/01 THROUGH NM 46/02

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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.
94282	9	41/01;46/02	95341	8	43/01;8,10,11,18,19,42/02	97101	1	28/02	97267	16	17,18,25,29,40,41/02
94322	14	42,46/01	95342	16	30/02	97104	4	51/01;8,10,20/02	97269	11	20,45/02
94360	6	48/01;18,32,43/02	96000	5	6,8/02	97105	3	51/01;8,10,20/02	97270	6	36,44/02
94361	13	41,43/01;18,32/02	96004	14	16,17,44,45/02	97120	6	39/01;2,15,22,28,31,37,40,42,43/02	97271	12	45/01;17,18,25,29,37,39/02
94363	4	41,42,46/01;32,43/02	96012	16	7,8,11/02	97140	17	39/01;2,10,15,22,33,37,39,43,45/02	97272	11	45/01;19/02
94420	3	47/01;5,39/02	96016	7	51/01;11,12/02	97141	5	13*,19,21,40,46/02	97273	10	19,27,34,42,45/02
94421	10	15,45/02	96020	4	6,7,41/02	97143	11	41/01;2,21,31,43,45/02	97274	19	43/01;19,27,31,34,39,45/02
94423	12	19,45/02	96024	3	6,7,8/02	97144	14	44*,46/02	97276	1	27,29,40/02
94427	2	N32/02	96028	5	6,7,8/02	97145	1	39,52/01;2,15,22,43/02	97277	11	39/01;10,17,27/02
94440	2	46/02	96032	3	40,48/01;38/02	97146	10	44/02*	97278	11	39/02
95016	8	43,44/01;9,12,40/02	96039	7	16,17,30/02	97148	9	21*,23,45/02	97279	9	27/02
95040	8	4,40/02	96041	11	48,51/01;16,17,30/02	97149	20	41,45/01;25,34,35,44,45/02	97281	2	41/02
95060	13	44,51/01;4,10,14,15,16,40,43,44/02	96042	11	47,52/01;1,16/02	97150	13	41/01;34,39,43,44/02	97282	3	45/02
95065	5	51/01;4,14/02	96043	8	51/01;16/02	97151	16	41/01;31,35,44,45/02	97283	6	42,43,44/01;10,19,23,27,31,34,42/02
95066	11	41,44,48,51/01;4,10,13,14,15,16,18,19,20,41,43,44/02	96044	10	49,51,52/01;1,8,29,30/02	97152	8	37/02	97286	6	42,43,44/01;10,11,21,23,25,27,31,34,35,36,41,42/02
95067	13	41,48,51/01;18,41,44/02	96060	7	46/01	97153	7	31/02	97287	5	43/01;11,34/02
95068	1	45,51/01;41,42,45/02	96120	6	46/01;30/02	97154	2	36/02	97300	6	12/02
95080	13	39,41/01;8,10,13,16,18,25,27,30,33,40,44,45/02	96130	2	46/01;9/02	97155	14	2,20,31,35,36,37,39,40/02	97303	3	47,51/01;18,25/02
95082	9	39,51/01;10,13,19,21,25,27,30,33,44,46/02	96140	5	46,49/01;30/02	97156	6	45/01;2,21,37/02	97320	6	52/01;33/02
95083	8	39/01;21,25,33/02	96141	4	9/02	97157	1	35,37/02	97340	8	27,33,38/02
95084	7	41/01;15,16,18/02	96181	5	9/02	97158	4	39/01	97341	9	2,27,34/02
95085	4	41/01;15,45/02	96200	5	8,9/02	97159	6	39/01;33,39/02	97342	14	27,38/02
95086	5	15,45/02	96240	4	51/01;8,11/02	97163	14	39/01;23/02	97343	12	38/01;27,38/02
95087	3	43,51/01;4,19,21,25,33,40/02	96300	4	11,12/02	97164	1	39/01	97360	6	39/01;20,23,27,38/02
95100	12	41,46/01;7,8,9,10,13,14,15,16,18,38,39,43,44,45,46/02	96320	4	12/02	97166	1	33/02	97380	7	39/01;21,39/02
95101	8	8,13,14,15,39,44/02	96340	4	52/01;12/02	97167	2	23,33/02	97381	7	39,49/01;27/02
95102	8	46/01;8,10,13,38,42,45,46/02	96360	4	42,43/01;12/02	97180	6	39,40,42,52/01;8,9,11,22,31,34,39,43,45,46/02	97382	2	41,45/02
95103	8	8,13,42,43,45/02	96379	1	42,43/01	97181	20	39,40,42,46,51,52/01;8,9,11,18,22,25,31,34,46/02	97383	16	49/01;31/02
95120	7	6,13,17,20,21,42,43/02	96381	2	42,44/01	97182	13	40,50,52/01;11,18,21,23,31,34,39,46/02	97385	10	31/02
95138	8	45/01;45,46/02	96382	2	43,44/01	97183	9	39,46/01;25,44/02	97389	1	45/01;39/02
95140	15	46/01;7,8,10,14,15,18,22,38,40,41,44/02	96400	4	43/01	97184	15	46/01;25,28/02	97390	5	7,31,39,40/02
95141	8	39,44/01;7,14,45/02	96441	1	43/01;41/02	97185	2	43/02	97391	26	31/02
95142	9	15*,18,19/02	96480	3	6,7,8,41/02	97187	3	49,46/01;44/02	97392	5	39,49,52/01;21/02
95143	11	39,45,51/01;4,15,18,40,45/02	96500	6	6,8,41/02	97188	2	50,52/01	97396	14	51,52/01;7,18,21,36,39,40/02
95144	9	45/01;8,10,19,38,41,46/02	96521	3	N19/02*	97189	2	39,46/01;25,28,44/02	97397	7	52/01;3,8,18,25,39/02
95146	14	45,46,51/01;7,10,19,36,38,39,40,41,44,46/02	96640	5	6/02	97190	2	40,42/01;8,9,22,34,39/02	97398	3	51/01;21,25/02
95147	13	46,51/01;7,39,41,44,45,46/02	96645	1	26/02	97192	9	52/01;11/02	97400	3	25,26/02
95149	9	39/01;15,18,22,34,36,37,38,41,43/02	96760	4	5,7,29,35,45/02	97200	9	52/01;11/02	97410	8	44,45,49,52/01;11,21/02
95151	17	39,43,45/01;13,15,18,34,36,37,38,40/02	96762	3	29/02	97202	15	43,44/02	97412	7	40/02
95152	5	37,38/02	96763	7	52/01;29,43/02	97204	9	39,40/01;2,10,28,29,45/02	97420	17	38,40,43,46,51/01;8,9,21,34,39,42/02
95153	2	15,22,34,36,37,38,43/02	96764	2	5,19/02	97206	2	10,12/02	97421	13	45/01;20,35,36/02
95160	13	39,40/01;4,7,8,9,15,27,41,42/02	96780	4	4,11/02	97207	3	11/02	97423	2	45/01;20,35,36/02
95161	16	48*,51/01;4,27,31,40,45/02	96800	4	19*,41/02	97218	3	10,21,41/02	97425	6	38,40,43,46,52/01;10,34,39/02
95162	2	39/01;20,40,44/02	96820	4	6/02	97219	4	51,52/01;1,10,12,21,25,31/02	97440	8	20,23,27/02
95163	2	44,46/01;27/02	96840	3	6,19/02	97220	3	39,40,42,43,46,47,50,51/01;2,7,8,21,24,31,37,39,42,43,44/02	97441	5	20,46/02
95164	4	43/02	96860	3	6/02	97221	20	38,39,40,43,51/01;1,2,7,8,10,11,21,24,31,37,39,42,44,45/02	97460	7	40/01;40/02
95167	10	46/01;44/02	96880	6	6,7,8/02	97222	12	38,40/01;11,25,28/02	97461	9	40,42,43,49/01;4,5,21/02
95169	2	4,44/02	96881	2	7/02	97223	3	40/01;8,42,44/02	97465	9	38,40,42,43,49/01;5,21/02
95173	1	15,16,17/02	96882	4	51/01;7,8/02	97224	6	11,18,25,27,46/02	97472	8	42,43/01;6,7,34/02
95174	1	17/02	96883	9	47,51/01;7/02	97225	31	39,40,42,43,46,51/01;2,7,8,11,21,24,37,39,42,44,45/02	97473	7	5/02
95176	2	39/01;16,20,31/02	96900	4	5,7/02	97226	7	39/01;17/02	97474	7	43/01;21/02
95177	1	44/01;18,41/02	96901	3	5,7,19,27/02	97227	11	43,50/01;21,24,42,43/02	97480	7	39/01;12,21,35/02
95180	11	43/01;9,15,17,18,27,40,42,44/02	96902	2	5,7,45/02	97228	15	43,50/01;2,21,28,30,39,40,42,43/02	97481	6	10/02
95185	2	39/01;20,31,40,44/02	96904	2	5,27,41/02	97229	12	38,41,47,51/01;2,7,8,18,24,27,31,36,39/02	97483	7	39/01
95250	4	12,44/02	96906	2	27/02	97230	18	39,40,41/01;2,29,36/02	97521	6	19,42/02
95255	2	44/02	96910	1	6,7,8/02	97231	11	10,21,41/02	800669	8	N41/01;N20/02
95258	3	45/01	96937	2	40/02	97232	8	39,47/01;4,15,20,25/02	800744	1	N22/02
95262	13	41/02	96938	4	9/02	97233	11	46/01;31,33,43,44/02	800778	2	N48/01
95264	8	6/02	96939	3	41/01	97234	17	46/01;29,43/02	801217	1	N42,N43/01;N5,N6,N7,N21/02
95267	5	52/01;11,17/02	96942	9	41/01	97235	1	46/01	801885	3	N28/02
95268	16	39/02	96943	15	44/02	97236	20	46/01;31/02	801959	2	N46/01;N10/02
95270	4	38/01;8/02	96944	6	45/02	97239	10	46/01;31,33/02	802184	4	N38/01
95271	4	44/02	96945	3	43/02	97241	6	39,50/01	802202	8	N14,N23,N31,N35/02
95276	3	21/02*	96949	21	45/02	97243	8	46/01;21,28,29,31,33/02	802260	5	N20/02
95280	9	51/01;2,17/02	96960	3	9/02	97245	11	40,43/01;7,17,28,36/02	802266	1	N47/01*
95282	7	46/02	96962	4	19,30,35/02	97246	7	43/02	803321	1	N45/01
95300	5	2,16,45/02	97005	9	51/01	97261	15	39,49/01;10,17,18,41/02	803404	2	N26/02
95320	15	8,35,38/02	97015	10	51/01	97262	10	46/01;21,29,34/02	804037	1	N28/02
			97021	7	2,16/02	97263	10	46/01	804059	2	N20/02
			97026	10	23/02	97266	5	39,46,49/01;10,17,37,41/02	804567	4	N17/02
			97029	3	19/02				805647	2	N37/02
			97040	5	43/02				807861	2	N27/02
			97041	9	45/02				808528	1	N25/02
			97042	7	46/01						
			97043	2	46/01;17,23/02						
			97060	8	9,46/02						
			97062	12	44/01;8,9,27,44/02						
			97063	1	45/01						
			97064	2	44/01;8,9/02						
			97080	5	51/01;9/02						
			97082	5	24,46/02						
			97083	3	9,24/02						
			97100	4	51/01;20,28,42/02						

**CHARTS AFFECTED BY NOTICE TO MARINERS  
NM 38/01 THROUGH NM 46/02**

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.			
809310	9	N13,N18,N39/02			
809679	2	N25/02			
809789	2	N48/01			

## SECTION II

NM 46/02

## 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 1							
11AHA11382 (7642014010132)	Pensacola Bay and Approaches (LORAN-C) (New edition due to various general changes)	80,000	<u>39</u>	<u>9/02</u>	NOS	1-92	46/02
11XHA11425 (7642014010236)	Charlotte Harbor to Tampa Bay (Not shown on index) (New edition due to numerous Notice to Mariners corrections and changes in hydrography)	40,000	<u>34</u>	<u>9/02</u>	NOS	1-92	46/02
12AHA12238 (7642014010310)	Mobjack Bay and York River Entrance (New edition due to numerous Notice to Mariners corrections)	40,000	<u>37</u>	<u>9/02</u>	NOS	1-92	46/02
12XHA12314 (7642014010371)	<u>Delaware River-Philadelphia to Trenton</u> <u>Continuation of Rancocas Creek</u> (New edition due to numerous Notice to Mariners corrections)	20,000 20,000	<u>30</u>	<u>10/02</u>	NOS	1-22,93	46/02
12AHA12333 (7642014010336)	Kill Van Kull and Northern Part of Arthur Kill (New edition due to numerous Notice to Mariners and general changes)	15,000	<u>32</u>	<u>10/02</u>	NOS	1-93	46/02
12XHA12358 (7642014010384)	<u>Shelter Island Sound and Peconic Bays</u> <u>Inset: Mattituck Inlet</u> (Inset not shown on index) (New edition due to numerous Notice to Mariners corrections)	40,000 10,000	<u>19</u>	<u>9/02</u>	NOS	1-22,93	46/02
17BHA17402 (7642014011408)	Southern Entrance to Sumner Strait (New edition due to various general changes)	40,000	<u>10</u>	<u>8/02</u>	NOS	1-96	46/02
REGION 5							
54ACO54090 (7642014251243)	Entrance to the Adriatic Sea	250,000	<u>3</u>	<u>9/02</u>	A	5-42	46/02
54ACO54095 (7642014251084)	Dubrovnik to Otok Drvenik Mali and Punta Torre Canne to Punta Pietre Nere	250,000	<u>3</u>	<u>9/02</u>	A	5-42	46/02
54ACO54105 (7642014251082)	Otok Lastovo to Otok Zirje and Punta San Francesco to Ancona	250,000	<u>3</u>	<u>8/02</u>	A	5-42	46/02
54ACO54115 (7642014251186)	<u>Otok Drvenik Mali to Otok Susak and Porto d'Ascoli to Porto Corsini</u> <u>Plan: Luka Telascica</u>	250,000 50,000	<u>3</u>	<u>8/02</u>	A	5-16,43	46/02
54ACO54125 (7642014251093)	Gulf of Venice including Kvarner and Adjacent Waters	250,000	<u>3</u>	<u>8/02</u>	A	5-43	46/02
REGION 7							
71ACO71265 (7642014014983)	<u>Singapore Area</u>	200,000	<u>3</u>	<u>6/02</u>	A	7-4,30	46/02
MISCELLANEOUS CHARTS AND PUBLICATIONS							
DNCDX001 (7644014408230)	South Atlantic Ocean		<u>16</u>	<u>9/02</u>	DS	10-40, 47	46/02
DNCDX007 (7644014578371)	South America		<u>14</u>	<u>9/02</u>	DS	10-40, 47	46/02
DNCDX008 (7644014354834)	Southern Europe		<u>17</u>	<u>9/02</u>	DS	10-40, 47	46/02
DNCDX009 (7644014332876)	Central Mediterranean		<u>15</u>	<u>9/02</u>	DS	10-40, 47	46/02

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			
DNCDX015 (7644014337963)	Gulf of Mexico/Straits of Florida		<u>22</u>	<u>9/02</u>	DS	10-40, 47	46/02
DNCDX022 (7644014609963)	Barents Sea		<u>3</u>	<u>9/02</u>	DS	10-40, 47	46/02
DNCDX023 (7644014360296)	Northern Asia		<u>8</u>	<u>9/02</u>	DS	10-40, 47	46/02
DNCDX025 (7644014482141)	Gulf of Alaska		<u>9</u>	<u>9/02</u>	DS	10-40, 47	46/02
DNCDXVDU (7644014946812)	Digital Nautical Chart (DNC) - VPF Database Update (VDU) (6th edition not announced in the Notice to Mariners)		<u>7</u>	<u>9/02</u>	DS	10-40, 47	46/02

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.

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

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



**PUB 153 (Continued)**

Page 78—Line 42/R; read:

Two sets of range lights lead through the harbor entrance. The first set is in line bearing 047°; the second set is in line bearing 037°, although it has been reported (2002) that the rear structure is obscured by buildings and vegetation.

(PUBS 033/02) 46/02

Page 79—Line 8/L; insert after:

It has also been reported (2002) that the shoal water charted on the NW side of the channel has extended into the channel.

(PUBS 033/02) 46/02

**PUB 154 8 Ed 2002 LAST NM 45/02**

Page 280—Line 19/R; read:

A racon is situated on Rose Spit, about 0.5 mile NNE of Rose

(US NM 42/17413, 17420/02) 46/02

**PUB 155 7 Ed 2001 LAST NM 45/02**

Page 114—Line 43/R; insert after:

**Vityaz Marine Terminal** (52°42'N., 143°33'E.) is located approximately 12 miles SE of Pil'tun. The terminal consists of the FSO Okha which is moored to a SBM, with a production platform approximately 1 mile to the N. A submarine pipeline connects the two. The terminal operates during the ice-free season. Tankers load using equipment supplied by the terminal, with their bow connected to the stern of the FSO.

**Pilotage.**—Pilotage is compulsory, and the pilot usually boards in the anchorage, approximately 3.5 miles E of the terminal.

(BA NM 6/02) 46/02

**PUB 158 7 Ed 2000 LAST NM 24/01**

Page 34—Line 42/L; read:

**Pilotage.**—Pilotage is not compulsory. Pilots normally

(BA NP 286(4)) 46/02

Page 111—Lines 20 to 21/L; read:

**Pilotage.**—Pilotage is not compulsory. The pilot boards approximately 2 miles S of the harbor limit.

(BA NM 8/02) 46/02

Page 164—Line 27/R; read:

be requested from the Shimabara Kaiwan association between the hours of 0600 and 2000. Pilots

(BA NM 8/02) 46/02

Page 166—Lines 9 to 10/R; read:

Miiko Ko. Harbor Pilots board at the quarantine anchorage just S of O-Tuku Shima, and are not available after dark. Bay Pilots are available from 0600 to 2200, and board about 1 mile S of To Shima Light.

(BA NM 8/02) 46/02

**PUB 163 8 Ed 2002 LAST NM 26/02**

Page 313—Lines 3 to 5/L; read:

The Binturan and Bukit Agok Firing Ranges lie between the Sungai Tutong entrance and Tanjung Pungit, 19 miles NE. The Binturan Firing Range limit is marked by Lighted Beacon B1 (4°53'N., 114°40'E.) at the SW extremity, and Lighted Beacon B2, situated about 5.5 miles ENE, marking the NE extremity.

**Caution.**—Mariners are advised to exercise caution in this area. No restrictions are placed on the right to transit the firing practice areas. Red flags or red lights are displayed to warn that the areas are in use.

The extensive firing practice areas are operated using a clear range procedure. Exercises and firings only take place when the areas are considered to be clear of all shipping. Details of firing are promulgated in the Brunei Darussalam Notices to Mariners.

(BA NM 32/01, Section IV) 46/02

**COAST PILOT CORRECTIONS****COAST PILOT 8 24 Ed 2002 Change No. 7 LAST NM 19/02**

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) 46/02

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 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.

**COAST PILOT 8 (Continued)**

(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)

46/02

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)

46/02

## WORLD PORT INDEX CORRECTIONS

PUB 150

17 Ed 2000

LAST NM 42/02

## EVEN PAGE CORRECTIONS

INDEX NUMBER	PORT	COUNTRY CODE	LATITUDE	LONGITUDE	PUBLICATION	CHART	HARBOR SIZE	HARBOR TYPE	SHELTER	ENTRANCE RESTRICTIONS				CHANNEL	ANCHORAGE	CARGO PIER	OIL TERMINAL	TIDE	MAX SIZE VESSEL	GOOD HOLDING GROUND	TURNING AREA		
										TIDE	SWELL	ICE	OTHER										
1050	LAKE HARBOR	CA	6252N *	06950W	146	CA5316	V	CN	F	Y	N	Y	Y	A	A			30	M	Y	Y	46/02	
1060	CAPE DORSET HARBOR	CA	6414N *	07633W	146	CA5451	V	CN	F	Y	N	Y	Y	M	H			28	M	Y	Y	46/02	
1080	CORAL HARBOR	CA	6406N *	08311W	146	CA5410	V	CN	F	N	N	Y	Y	M	H	Q		06	M	Y	Y	46/02	
1140	INUKJUAK *	CA	5828N *	07806W *	146	CA5471	V	CN	G	N	N	Y	Y	J	A	P		03	M	Y	Y	46/02	
1170	WOLSTENHOLME	CA	6230N *	07724W *	146	15017	V	CN	F	N	N	Y	Y	A	A					M	Y	Y	46/02
1180	SUGLUK INLET	CA	6212N *	07538W *	146	15017	V	CN	F			Y		H	A			18		Y		46/02	
1238	SAGLEK BAY	CA	5835N *	06250W	146	15120	V	CN	F	N	N	Y	Y	G	A			03		Y	Y	46/02	
1473	BAIE VERTE	CA	4956N *	05612W *	146	14380	S	CN	G	N	N	Y	Y	N	A	J	N	L		M	Y	Y	46/02
1590	FOGO HARBOR *	CA	4943N	05417W	146 *	14380	V	CN	G	N	N	Y	Y	Y	M	H	O		03	M	N	N	46/02
1700	PLACENTIA	CA	4715N *	05358W *	146	14350	V	CN	G	Y	N	Y	N	N	O	L	M		06	M	Y	N	46/02
1730	LITTLE BURIN HARBOR *	CA	4703N *	05507W *	146	14344	S	CN	G	N	N	N	Y	N	J	G	N	K	05	M	N	N	46/02
1731	GREAT ST LAWR HARBOR	CA	4655N	05524W *	146	14345	V	CN	F	N	N	Y	N	N	E	C	L	L	05	M	Y	N	46/02
1750	PORT DE ST PIERRE	CA	4647N *	05610W *	146	14342	S	CB	G	N	N	N		L	J	L		05	M	Y	Y	46/02	
1810	STEPHENVILLE	CA	4832N *	05832W	146	14325	V	CB	F	N	N	N	Y	N	K		L	L		L	N	Y	46/02
1821	PORT AU PORT *	CA	4834N *	05856W *	146	14420	V	CN	G	N	N	Y	N	N	L	M	O		06		Y		46/02
1860	LOMOND COVE																						46/02

Remove from list.

**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
660	<b>Montauk Point Light</b>	41 04 15 N 71 51 26 W	<b>FI W</b> 5s	168	18	White octagonal, pyramidal tower with brown band midway of height, covered way to gray dwelling.	Emergency light FI W 5s when main light is extinguished. Lighted throughout 24 hours. HORN: 1 blast ev 15s (2s bl).
							* 46/02
675 29025	SHINNECOCK LIGHT	40 50 31 N 72 28 42 W	<b>FI (2) R</b> 15s 1s fl 2s ec. 1s fl 11s ec.	75	9	Red skeleton tower.	HORN: 1 blast ev 15s (2s bl).
		*					46/02
*2243	<i>Jordin Basin WHOI Research Lighted Buoy E</i>		<b>FI Y</b> 4s		4	Yellow.	46/02
	<b>*Change Note to Read:</b>						
	<b>Hingham Bay</b>						
	<i>*Aids maintained from May 1 to Oct. 15.</i>						
11765	- Channel Buoy 31					Green can.	46/02
	<b>*Change Note to Read:</b>						
	<b>Allerton Harbor</b>						
	<i>*Aids maintained from May 15 to Sep. 30.</i>						
12125	- <i>Lighted Buoy 1</i>		<b>FI G</b> 4s			Green.	Private aid.
	*		*			*	* 46/02
12130	- <i>Lighted Buoy 2</i>		<b>FI R</b> 4s			Red.	Maintained from May 1 to Sep. 30.
	*		*			*	* 46/02
	<b>Silver Eel Pond</b>						
21055	- <i>Entrance Lighted Bell Buoy 2</i>	41 15 36 N 72 02 12 W	<b>FI R</b> 4s		4	Red and white.	
	*	*	*			*	46/02
27780	- Entrance Buoy 1	41 02 17 N 72 11 18 W				Green can.	
		*					46/02
27975	LONG BEACH BAR LIGHT	41 06 35 N 72 18 22 W	<b>FI W</b> 4s	58	8	White tower and dwelling on piles.	
				*			46/02
29105	- BREAKWATER LIGHT 2	40 45 48 N 72 45 11 W	<b>FI R</b> 2.5s	14	4	TR on red truncated pyramid.	
		*					46/02

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## SECTION II

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

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>Bellport Bay</b>							
30130	- Lighted Buoy 1	40 43 57 N 72 56 39 W	FI G 2.5s		4	Green.	Replaced by can from Nov. 1 to Apr. 15.
		*					46/02
30165	- Lighted Buoy 11	40 44 08 N 72 52 32 W	Q G		4	Green.	Replaced by can from Nov. 1 to Apr. 15.
		*					46/02
31420	- Lighted Buoy 9		FI G 2.5s		4	Green.	Replaced by can from Nov. 15. to Apr. 1.
					*		46/02
<b>Burlington Bay</b>							
39615	- Breakwater North Light	44 28 50 N 73 13 48 W	FI W 2.5s	35	15	NW on skeleton tower with concrete base worded DANGER BREAKWATER.	Maintained from May 1 to Nov. 1. HORN: 1 blast ev 15s (2s bl).
		*					46/02

### 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
*361	Chesapeake Bay Entrance Lighted Buoy 2	36 54 16 N 75 42 35 W	Q R		4	Red.	
							46/02
1470 36725	CAPE MAY HARBOR JUNCTION LIGHT C	38 57 08 N 74 52 37 W	FI (2+1) R 6s	15	3	JR-TY on pile.	
		*		*			46/02
2425	Smyrna River South Jetty Daybeacon 1	39 22 11 N 75 30 12 W				SG on pile.	
	*	*				*	46/02
2505	- FRONT LIGHT	39 30 42 N 75 34 00 W	F G	35		On skeleton tower.	Visible on range line only. Lighted throughout 24 hours.
		*					46/02
*2506	- FRONT PASSING LIGHT		FI W 4s	15	3	On same structure as Baker Range Front Light.	
							46/02
2510	- REAR LIGHT 3,547.5 yards, 355.75° from front light.		F G	110		Black, pyramidal slatted structure. 57	Visible on range line only. Lighted throughout 24 hours.
	*						46/02
9025	OLDFIELD POINT RANGE FRONT LIGHT	39 30 30 N 75 54 51 W	F W	40		On skeleton tower.	Lighted throughout 24 hours.
		*					46/02

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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
9030	OLDFIELD POINT RANGE REAR LIGHT 1,925 yards, 045.2° from front light.		Iso W 6s	122		On skeleton tower.	Higher intensity on rangeline. Lighted throughout 24 hours.
	*						46/02
11897	- Channel Lighted Buoy 27A						Remove from list.
							* 46/02
*14981	- Buoy 6A					Red nun.	46/02
28113	- Channel Buoy 32A						Remove from list.
							* 46/02
*28117	- Channel Buoy 34					Red nun.	46/02
28160	- Channel Daybeacon 46						Remove from list.
							* 46/02
28425	- Channel Daybeacon 14A						Remove from list.
							* 46/02
29397	FORT MACON REACH RANGE FRONT PASSING LIGHT		Q W	34	3	On same structure as Fort Macon Reach Range Front Light.	
			*				46/02
30855	- Lighted Buoy 59		FI G 4s		4	Green.	
	*			*		*	46/02
<b>Cape Fear River</b>							
30925	FOURTH EAST JETTY RANGE FRONT LIGHT	34 10 00 N 77 57 30 W	Q W (Day) Q W (Night)	20 23		Skeleton tower on multi-pile.	Lighted throughout 24 hours. DAY: Visible on rangeline only. NIGHT: Visible all around; higher intensity on rangeline.
	*			*			46/02
30930	FOURTH EAST JETTY RANGE REAR LIGHT 562 yards, 183.5° from front light.		Iso W 6s(Day) Iso W 6s(Night)	42 45		Skeleton tower on multi-pile.	Lighted throughout 24 hours. DAY: Visible on rangeline only. NIGHT: Visible all around; higher intensity on rangeline.
	*						46/02
30935	- Lighted Buoy 61		FI G 4s		4	Green.	
	*			*	*	*	46/02
<b>Cape May Harbor</b>							
36725 1470	- JUNCTION LIGHT C	38 57 08 N 74 52 37 W	FI (2+1) R 6s	15	3	JR-TY on pile.	
		*		*			46/02

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## SECTION II

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

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
10015	- Daybeacon 3						<i>Remove from list.</i>
							* 46/02
10040	- Buoy 8					Red nun.	Private aid.
	*						* 46/02
10045	- Buoy 9A					Green can.	Private aid.
	*						* 46/02
*10047	- Buoy 9B					Green can.	Private aid.
							46/02
10050	- Buoy 10					Red nun.	Private aid.
	*						* 46/02
*10067	- Buoy 13A					Green can.	Private aid.
							46/02
56995	- Daybeacon 45						<i>Remove from list.</i>
							* 46/02
57015	- Daybeacon 49						<i>Remove from list.</i>
							* 46/02

### 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
1050	<b>Samedan-WC-445-A RACON</b>						<i>Remove from list.</i>
							* 46/02
	<b>*Delete Heading: *Blacks Island Channel</b>						
2867	- Buoy 1						<i>Remove from list.</i>
							* 46/02
2868	- Buoy 2						<i>Remove from list.</i>
							* 46/02
2869	- Buoy 3						<i>Remove from list.</i>
							* 46/02
<b>Florida Department of Environmental Protection</b>							
4346.01	- <i>Lighted Danger Buoy A</i>	30 24 57 N 87 11 41 W	FI W 4s	3		White with orange bands and diamond worded: DANGER SUBMERGED ROCKS.	Private aid.
		*					46/02

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**SECTION II**

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2002							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
4346.05	- Lighted Danger Buoy E	30 24 56 N 87 11 50 W	FI W 4s	3		White with orange bands and diamond worded: DANGER SUBMERGED ROCKS.	Private aid.
							46/02
		*					
4346.08	- Lighted Danger Buoy H	30 24 53 N 87 11 52 W	FI W 4s	3		White with orange bands and diamond worded: DANGER SUBMERGED ROCKS.	Private aid.
							46/02
		*					

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
<b>Port Hueneme</b>							
3585 190	- Light	34 08 43 N 119 12 36 W	FI (5) W 30s 0.1s fl 4.9s ec. 0.1s fl 4.9s ec. 0.1s fl 4.9s ec. 0.1s fl 9.9s ec.	52	20	White square tower on building.	Obscured from 296° to 155°. The fog signal can be activated upon request to the Coast Guard via VHF-FM Ch 16. HORN: 1 blast ev 30s (3s bl). On point 251° from light.
						*	46/02
8925	JARVIS LOWER RANGE B FRONT LIGHT	43 25 08 N 124 16 33 W	Q G	18		KRB on dolphin.	Visible 4° each side of rangeline.
							46/02
		*					
9440	- ENTRANCE RANGE FRONT LIGHT	44 01 01 N 124 07 50 W	Q R	29		KRB on skeleton tower. On same structure as Siuslaw River Inner Range Rear Light.	Visible 4° each side of rangeline.
						*	46/02
9475	- INNER RANGE REAR LIGHT 200 yards, 001° from front light.		Iso W 6s	35		KRB on skeleton tower. On same structure as Siuslaw River Entrance Range Front Light.	Visible 14° each side of rangeline.
						*	46/02
10716	West Fisher Island Slough Pollution Response Buoy	46 10 22 N 123 05 05 W				Yellow.	
							46/02
		*					
10741	East Fisher Island Slough Pollution Response Buoy	46 09 41 N 123 02 41 W				Yellow.	
							46/02
		*					
11040	- JETTY LOWER LIGHT 77	45 53 04 N 122 47 45 W	Q G	35	5	SG on dolphin.	
							46/02
				*			
15135	New Era Bar Range Front Daybeacon	45 17 18 N 122 39 33 W				KRW on tower.	
							46/02
		*					

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## SECTION II

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

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>Rocky Reef</b>							
15145	- Range Front Daybeacon	45 17 39 N 122 41 02 W				KRB on tower.	
		*					46/02
15205	- Entrance Daybeacon 11	46 43 07 N 124 02 15 W				SG on pile structure.	Ra ref.
	*	*				*	* 46/02
15210	- ENTRANCE LIGHT 13	46 42 10 N 124 01 15 W	FIG 2.5s	15	4	SG on pile structure.	Ra ref.
	*	*		*		*	* 46/02
15215	- CHANNEL LIGHT 15	46 42 05 N 123 59 45 W	FIG 4s	15	4	SG on pile structure.	Ra ref.
	*	*		*		*	* 46/02
15220	- CHANNEL LIGHT 16	46 41 42 N 123 58 40 W	FIR 4s	15	4	TR on pile structure.	Ra ref.
	*	*		*		*	* 46/02
15540	- BAR RANGE FRONT LIGHT	46 55 50 N 124 09 33 W	QR	25		KRB on skeleton tower. 15	Visible 1.5° each side of rangeline. Lighted throughout 24 hours.
							* 46/02
16086	- Entrance Buoy 2A					Red nun.	Position frequently shifted with changing conditions. Maintained from May 1 to Oct. 15.
		*					46/02
16095.1	- Entrance Buoy 3A					Green can.	Position frequently shifted with changing conditions. Maintained from May 1 to Oct. 15.
		*					46/02
16222	- Traffic Lane Separation Lighted Buoy PA	48 12 54 N 123 28 41 W	FI Y 4s		6	Yellow.	
		*					46/02
16405	Puget Sound Traffic Lane Separation Lighted Buoy SA	48 11 27 N 122 49 48 W	FI Y 4s		6	Yellow.	RACON: M(--).
		*					46/02
16540	Puget Sound Traffic Lane Separation Lighted Buoy SE	47 55 24 N 122 29 34 W	FI Y 4s		6	Yellow.	RACON: T(-).
		*					46/02
16555	Scatchel Head Lighted Gong Buoy 1	47 54 30 N 122 26 17 W	FIG 6s		5	Green.	
		*					46/02

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## SECTION II

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

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*17121	Ruston Way Outfall Lighted Buoy	47 17 14 N 122 29 03 W	FI Y 4s		2	Yellow.	Private aid.  46/02
17750	PORT GAMBLE INNER LIGHT 3	47 51 33 N 122 34 36 W	FI G 6s	18	7	SG on dolphin.	  46/02
		*			*		46/02
18320	<i>Central Lake Washington Monitoring Lighted Buoy</i>						<i>Remove from list.</i>  *
							46/02
18771	- Buoy 6A	48 19 56 N 122 31 23 W				Red nun.	  46/02
		*					46/02
*19262	I and J Waterway Buoy 4	48 45 09 N 122 29 47 W				Red nun.	  46/02

### 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
4505	- LIGHT 8		FI R 4s	27 8	5	TR on post.	  46/02
			*				46/02
4510	- LIGHT 7	41 23 54 N 82 32 54 W	FI G 2.5s	25 8	4	SG on post.	  46/02
			*				46/02
14635	<b>Marquette Breakwater Outer Light</b>		<b>Oc W 4s (R sector)</b>	36 11	W 12 R 9	White cylindrical tower with red band.	Red from 181° to 198°. HORN: 1 blast ev 15s (2s bl). Operates from May 1 to Oct. 20. Operates by keying the mike 5 times on VHF-FM Ch. 79.  *  46/02
							46/02
22000	<b>Sherwood Point Light</b>	44 53 36 N 87 26 00 W	<b>Iso W 6s</b>	61 19	15	White square tower, dwelling attached. 35	  *  46/02

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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
2296 <i>G 1486</i>	-Isla Shoal, W. side.	52° 32.9' S 73° 38.2' W	<b>Fl.R.</b> period 5s fl. 0.4s, ec. 4.6s	29 9	7	Red quadrangular concrete tower; 13.	Visible 348°-209°.
					*		46/02
2300 <i>G 1484</i>	-Punta Buckley.	52° 34.2' S 73° 38.3' W	<b>Fl.(2)G.</b> period 6s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 3.7s	20 6	6	Green concrete pillar; 13.	Visible 167°-020°.
				*	*	*	46/02
2372 <i>G 1448</i>	-Cabo Froward.	53° 53.7' S 71° 18.6' W	<b>Fl.W.</b> period 3s fl. 0.3s, ec. 2.7s	72 22	7	White fiberglass tower, red band; 13.	Visible 276°-126°.
		*	*	*	*	*	46/02
5396 <i>K 4364</i>	-Taiaroa Head.	45° 46.4' S 170° 43.7' E	<b>L.Fl.(2)W.</b> period 18s fl. 2s, ec. 4s fl. 2s, ec. 10s	197 60	18	White stone tower; 39.	Visible 158°-300°.
		*					* 46/02
6021 <i>K 2793</i>	-Pelican Point.						<i>Remove from list.</i> * 46/02
*Delete Heading: *PORT BUNDABERG:							
10468 <i>K 2956.3</i>	-Channel Entrance No. 1.						<i>Remove from list.</i> * 46/02
*Add Heading: *PORT BUNDABERG:							
*10469 <i>K 2956.11</i>	-Channel Entrance "No. 1".	24° 45.2' S 152° 28.1' E	<b>Q.(3)W.</b> period 10s			E. CARDINAL BYB, beacon, topmark.	Channel marked by synchronized beacons, Fl.G. 4s and Fl.R.  46/02
10472 <i>K 2956.12</i>	-No. "2".						<i>Remove from list.</i> * 46/02
10473 <i>K 2958</i>	-Sea Reach Range, front.						<i>Remove from list.</i> * 46/02
10473.1 <i>K 2958.01</i>	-Rear, 610 meters 270° from front.						<i>Remove from list.</i> * 46/02

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### 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
13392 <i>F 4743</i>	-Starboard side.	26° 12.8' N 127° 39.8' E	<b>FL.R.</b> period 3s	22 7	4	Red cylindrical concrete structure; 15.	
		*	*		*		46/02
*16780.4 <i>F 4350.1</i>	Uho Hang, E. breakwater.	35° 01.7' N 128° 43.0' E	<b>FL.G.</b> period 4s	30 9	5	White round steel tower; 15.	
							46/02
*16780.5 <i>F 4350.2</i>	-N. breakwater.	35° 01.7' N 128° 42.9' E	<b>FL.R.</b> period 4s	26 8	5	Red round steel tower; 15.	
							46/02
*18909 <i>F 3716.71</i>	Xiaochang Shan.	30° 10.0' N 122° 06.9' E	<b>FL.W.</b> period 3s	85 26	9	White stone tower; 13.	
							46/02
*18909.5 <i>F 3716.723</i>	Liangmao Shan.	30° 07.2' N 122° 09.5' E	<b>Fl.(2)W.</b> period 6s	49 15	9	White stone tower; 13.	
							46/02
*18978 <i>F 3692</i>	Shangshuangshi.	29° 44.1' N 122° 02.6' E	<b>FL.R.</b> period 4s	89 27	6	Red square stone structure; 16.	
							46/02
23184 <i>K 0861</i>	Pulau Pisang.	0° 59.7' S 100° 20.1' E	<b>FL.G.</b>	33 10	10	White iron framework tower; 33.	
			*			*	46/02
23204 <i>K 0838</i>	<b>Pulau Sigata.</b>	0° 07.5' S 98° 12.0' E	<b>V.Q.(4)W.</b> period 3s	382 116	26	White iron framework tower; 115.	Obscured by Pulo Simuk 94°-102° and by Tanjung Hatik on bearings less than 348°, partially obscured 183°-222°.
	*		*				* 46/02
23344 <i>K 1052</i>	Pulau Tampurung.	5° 54.0' S 105° 55.8' E	<b>FL.W.</b> period 3s fl. 1s, ec. 2s	253 77	13	White metal framework tower.	Obscured 045°-066°.
	RACON		<b>B(-...)</b>		20		46/02
			*				
24176.5	-Fairway Buoy.	3° 16.1' N 112° 59.0' E	<b>L.FL.W.</b> period 10s			SAFE WATER RW, spherical.	
	-RACON		<b>B(-...)</b>				46/02
		*					
*24753 <i>F 2000.5</i>	-Tanjung Arang.	3° 27.1' N 117° 52.4' E	<b>FL.W.</b> period 5s	154 47	18		46/02
29143.2 <i>D 7604.6</i>	- "N22".	29° 54.1' N 48° 17.9' E	<b>FL.R.</b> period 5s	10 3	5	PORT (A) R, beacon.	
	*	*					46/02

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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
29143.3 <i>D 7604.7</i>	"N20".	29° 56.8' N 48° 14.5' E	<b>Fl.(2)R.</b> period 5s	10 3	5	PORT (A) R, beacon.	
	*						46/02
29143.4 <i>D 7604.8</i>	"N18".	29° 58.6' N 48° 11.7' E	<b>Fl.(3)R.</b> period 5s	10 3	5	PORT (A) R, beacon.	
	*						46/02
29146 <i>K 7605.5</i>	-Khawr Bubiyan, "N16".	29° 58.0' N 48° 03.6' E	<b>Fl.(3)R.</b> period 5s	10 3	5	PORT (A) R, beacon.	
	*	*	*				46/02
29146.1 <i>D 7605.4</i>	"N17".	29° 58.6' N 48° 06.4' E	<b>Q.W.</b>	10 3	5	N. CARDINAL BY, beacon.	
	*						46/02
29146.2 <i>D 7605.3</i>	"N19".	30° 00.0' N 48° 08.2' E	<b>Fl.Y.</b> period 3s	10 3	5	SPECIAL Y, beacon.	
	*						46/02

### CORRECTIONS TO PUB 114, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
5172 <i>A 4896</i>	-Groyne.	53° 55.7' N 3° 00.8' W	<b>Fl.G.</b> period 3.5s	21 6		Platform on post.	
			*			*	46/02

### 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
5536 <i>C 2412.8</i>	-No. "1", E. pier, head.	55° 23.6' N 12° 57.0' E	<b>Oc.W.R.G.</b> period 10s lt. 8s, ec. 2s	22 7	W. 13 R. 10 G. 8	White hut.	R. approx. 265°-303°, G.-328°, W.-333°, R.-005°, W. (unintensified)-065°, R. (unintensified)-approx. 175°. In line 330° with No. 4.
		*					* 46/02
8604 <i>C 6890</i>	-Hargokalv.	58° 36.4' N 16° 52.6' E	<b>Fl.(4)W.R.G.</b> period 12s	56 17	W. 8 R. 6 G. 5	Lattice mast, white daymark, green horizontal band; 54. Floodlit.	G. 255°-270°, W.-276°30', R.- 286°, G.-299°, R.-021°, G.- 050°, W.-064°, R.-090°, G.- 107°, W.-111°, R.-122°.
						*	* 46/02
*10610 <i>C 6084.5</i>	Rodkull.	61° 22.7' N 17° 07.0' E	<b>Fl.R.</b> period 3s				46/02

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## SECTION II

### 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
HUDIKSVALL APPROACH:							
10624 <i>C 6060</i>	-Ago.	61° 33.0' N 17° 28.0' E	F.I.W.R.G. period 5s fl. 1s, ec. 4s	102 31	W. 9 R. 7 G. 6	White and orange tower; 49.	G. 130°-141°30', W.-143°, R.-162°, G.-198°, W.-280°, R.-293°, W.-035°, R.-094°, (partially obscured 048°-077°, totally obscured 077°-094°). Shown by day Nov. 1 to Mar. 31.
	*		*		*		46/02

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## SECTION II

NM 46/02

PUBLICATIONS AFFECTED BY NOTICE TO MARINERS  
THROUGH NM 46/02

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.
<b>NIMA HYDRO CATALOG CATP2V01U</b>			<b>SAILING DIRECTIONS</b>			SDPUB175	2001	41*,43,45,51/01;8,11,12,13,14,16,17,21,27,37,41/02
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;1,2,3,5,6,7,8,9,10,12,13,15,18,19,20,21,22,23,26,28,30,31,34,35,36,37,38,39,41,42,43,45,46/02	SDPUB120	2001	12*,18,48,49,51/01;8,13,14,21,22,24,29,33,35,37,42,43,44,45/02	SDPUB180	2002	32*,33,42/02
			SDPUB123	2001	45*,47,48/01;1,14,17,18,19/02	SDPUB181	2002	38*,39/02
			SDPUB124	2001	18*,44,45,47,48,49,52/01;17,19,20,21,29,30,31,34,46/02	SDPUB182	2001	8*,10,12,41/02
			SDPUB125	2000	6*,9,10,20,21,40/00;36,37,45,46/01;14,17,33,35,38,40/02	SDPUB183	2001	27/01*;13,15,16/02
			SDPUB126	2002	39*,41,42,43,44,45/02	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;10,14,15,16,17,42/02
Region 2	2000	34*,40,43/00;4,23,30,35,39,42,45,46/01;5,11,13,15,19,22,24,26,28,41/02	SDPUB127	2000	37*,38/00;18,33,40,44,45,48,49,52/01;1,11,13,17,18,27,33,34,37,41/02	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;11,12,13,14,15,16,22,23,27,36,37,42/02
Region 3	2000	34*,44,48/00;21,40/01;17,19,40/02	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	SDPUB193	2000	27*,38,49/00;9,26,27,31,32/01;14,15,26/02
Region 4	2000	34/00*;3/01;13,20/02	SDPUB132	2000	39*,45/00;16,17,31,35/01;1,12,21,25,26/02	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 5	2000	34*,37,40,42,47/00;2,3,4,17,20,21,29,40,41,45/01;6,8,13,14,19,22,29,44,46/02	SDPUB140	2001	21*,48,49,51/01;8,17,23,32,42,43,44,46/02	SDPUB195	2002	33*,40/02
Region 6	2000	34*,35,45,52/00;2,14,29,36,41,46,51/01;12,14,15,17,19,26/02	SDPUB141	2001	21*,38/01	SDPUB200	2002	38*,39,42/02
Region 7	2000	34/00*;2,10,35,41/01;18,25,46/02	SDPUB142	2000	49/00*;3,31,35/01;1,15,43/02	<b>USCG LIGHT LIST VOLUMES I - VII</b>		
Region 8	2000	34/00*;1,38/02	SDPUB143	2000	8*,10,19,29/00;16,26/01;1,25/02	COMDTM165021	2002	30*,31,32,33,34,35,36,37,39,40,41,42,43,44,45,46/02
Region 9	2000	34/00*;23,41,48/01;13,15,18,19,21,23,44/02	SDPUB144	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	COMDTM165022	2002	16*,17,18,19,20,21,22,23,25,26,27,28,29,30,31,32,33,34,35,36,37,40,41,42,43,44,45,46/02
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;1,2,3,4,5,8,9,12,13,14,16,17,18,19,20,22,23,24,26,27,28,29,30,31,32,33,34,35,36,38,39,40,41,42,44,45,46/02	SDPUB146	2000	26*,28,32,33,38,45,46,48,51/00;2,5,10,27,28,29,31,38/01;15,29/02	COMDTM165023	2002	35*,36,37,40,41,42,43,44,45,46/02
			SDPUB147	2001	35/01*;21,22,23,24/02	COMDTM165024	2002	30*,31,32,33,34,35,36,37,40,41,42,43,45,46/02
			SDPUB148	2001	48/01*;23,24/02	COMDTM165025	2002	16/02*
			SDPUB153	2000	6/01*;28,30,41,44,46/02	COMDTM165026	2002	35*,36,40,41,42,43,44,45,46/02
			SDPUB154	2002	17*,19,31,42,44,45,46/02	COMDTM165027	2002	16*,17,18,19,20,21,22,23,25,27,29,30,32,33,34,36,37,40,43,45,46/02
			SDPUB155	2001	31*,48/01;10,45,46/02	<b>FLEET GUIDES</b>		
			SDPUB157	2000	20*,27,29,33,34,35,38,41,44,48/00;1,3,4,6,7,11,12,13,21,23,32,47/01;2,5,9,13,14,20,22,27,38/02	FGPUB940ATL	2001	N47/01*
			SDPUB158	2000	50/00*;5,10,12,13,15,17,20,24/01;46/02	FGPUB941PAC	2001	N22/01*
			SDPUB159	2002	42/02*	<b>NOS MISCELLANEOUS PUBLICATIONS</b>		
			SDPUB160	1998	20*,21,27,31,38,46,47,48,50,51/98;7,12,30,35,50,51,52/99;1,11,43,44,48,51/01;1,7,8,13,15,21,23,25,30/02	NOSPBCATALOG1	2000	20/00*
			SDPUB161	2002	23*,24,44/02	NOSPBCATALOG2	2000	34/00*
			SDPUB162	2001	51/01*	NOSPBCATALOG3	2000	28/00*
			SDPUB163	2002	18*,20,21,26,46/02	NOSPBCATALOG4	2000	34/00*
			SDPUB164	2000	30/00*;31,35,36/01	<b>ALMANACS</b>		
			SDPUB171	2001	40*,47,48,52/01;5,9,14,16,41/02	AIRALMANAC301	2002	44/02*
			SDPUB172	2001	1*,2,3,5,6,7,8,9,14,15,16,17,18,19,20,22,24/02	NAUTALMANAC03	2002	44/02*
			SDPUB173	2000	8*,10,17,29/00;43,45,51,52/01;13,14,17,22,24,26,27,31/02	<b>COAST PILOT</b>		
			SDPUB174	2000	7*,19,37,45,51,52/01;1,5,14,19,22,28,33,37,38/02	NOSPBCP1	32	37*,39,41,47,51/01;1,5,7,13,18,33,37,39,42,45/02
						NOSPBCP2	31	44*,47,51,52/01;5,7,12,13,18,23,33,37,39,42,45/02
						NOSPBCP3	35	3*,5,7,12,15,17,18,21,22,27,28,33,37,42,45/02
						NOSPBCP4	33	35*,37,39,41,47,51/01;1,5,7,12,15,16,18,19,20,21,22,23,25,27,28,30,33,34,42/02
						NOSPBCP5	29	49*,51/01;1,6,12,13,15,16,17,20,21,33,34,37,39,42/02
<b>NIMA LIST OF LIGHTS</b>								
LLPUB110	2002	8*,12,13,14,15,16,17,18,19,20,21,23,24,26,27,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45/02						
LLPUB111	2002	35*,36,37,38,39,40,41,42,43,44,45,46/02						
LLPUB112	2001	5*,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46/02						
LLPUB113	2002	45/02*						
LLPUB114	2002	13*,15,16,17,19,20,21,22,23,24,31,32,34,35,36,38,39,40,41,43,45,46/02						
LLPUB115	2002	39*,40,41,44,45/02						
LLPUB116	2002	18*,20,21,22,24,25,26,27,29,31,34,37,41,42,44,45,46/02						

**PUBLICATIONS AFFECTED BY NOTICE TO MARINERS  
THROUGH NM 46/02**

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NIMA Reference No.	Ed.	Notice to Mariners No.
NOSPBCP6	32	19*,20,21,33,39,45/02
NOSPBCP7	33	46*,47/01:1,5,12,15,19,20,21,22,23,25,33,34,37,39/02
NOSPBCP8	24	3*,5,16,17,19,23,33,37,40,46/02
NOSPBCP9	20	12*,20,23,33,37,45/02
<b>RADIO NAVIGATIONAL AIDS</b>		
RAPUB117	2001	11*,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,36,37,38,39,40,42,44,47,48,49,50/01
<b>AMERICAN PRACTICAL NAVIGATOR</b>		
NVPUB9	2002	36/02*
<b>INTERNATIONAL CODE OF SIGNALS</b>		
NVPUB102	1999	46/99*;52/01
<b>WORLD PORT INDEX</b>		
NVPUB150	2000	50/00*:14,15,16,20,21,41,42,43,44,45,46,47,48,49,51,52/01:1,2,5,6,10,11,12,16,19,21,22,27,31,32,33,36,39,40,42,46/02
<b>DISTANCES BETWEEN PORTS</b>		
NVPUB151	2001	4/02*
<b>RADAR NAVIGATION AND MANEUVERING BOARD MANUAL</b>		
CDPUBNV1310	2001	51/01*
<b>SIGHT REDUCTION TABLES (MARINE)</b>		
SRPUB229V1	1970	11/71*
SRPUB229V2	1970	11/71*
SRPUB229V3	1970	7/71*
SRPUB229V4	1970	3/71*
SRPUB229V5	1970	3/71*
SRPUB229V6	1970	23/70*
<b>SIGHT REDUCTION TABLES (AIR)</b>		
SRPUB249V1	2000	4/01*
SRPUB249V2	1952	46/52*
SRPUB249V3	1952	46/52*
<b>CHART NO. 1</b>		
WOBZC1	1997	18/98*
<b>CHART NO. 4</b>		
WOBZC4	1988	N20/89*
<b>ATLAS OF PILOT CHARTS</b>		
NVPUB107	1998	30/99*
<b>USCG NAVIGATION RULES</b>		
COMDTM166722D	1999	44/99*;52/00
<b>NOS TIDE TABLES</b>		
NOSPBTTCWPACIN2	2002	N52/01*
NOSPBTTECSTNSA2	2002	N52/01*
NOSPBTTEURAFR2	2002	N52/01*
NOSPBTTCSTNSA2	2002	N52/01*
<b>TIDAL CURRENT TABLES</b>		
NOSPBTCTATCSTN2	2002	N52/01*:N9/02
NOSPBTCTPACAS2	2002	N52/01*

**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 311200Z October 2002:

2001 series	219(GEN)	351(11)	383(11,26)	406(GEN)
393(GEN)	332(GEN)	365(14)	395(GEN)	408(38)
2002 series	346(GEN)	367(GEN)	404(11,26)	

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 241200Z to 311200Z October 2002.**

404/02(11,26). NORTH ATLANTIC. HAZARDOUS OPERATIONS.

## 1. HAZARDOUS OPERATIONS:

- A. 280500Z OCT TO 030459Z NOV IN AREA BOUND BY  
30-45N 080-54W, 30-45N 080-11W,  
30-36N 080-11W, 30-34N 080-33W.
  - B. 280500Z OCT TO 030459Z NOV IN AREA BETWEEN  
29-20N 29-10N AND 079-50W 079-40W.
  - C. 1300Z TO 0459Z COMMENCING DAILY 29 THRU 31 OCT IN  
AREA BETWEEN 30-00N 29-50N AND 081-00W 080-50W.
  - D. 301600Z TO 301900Z, 311600Z TO 311900Z OCT AND  
020001Z TO 020301Z NOV IN AREA BOUND BY  
30-35N 081-21W, 30-35N 081-00W,  
30-00N 081-02W, 30-00N 081-15W.
2. CANCEL THIS MSG 040559Z NOV.

(251339Z OCT 2002)

405/02. CANCELED.

406/02(GEN).

- 1. NAVAREA IV MESSAGES IN FORCE 261000Z OCT 2002. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.  
2002 SERIES: 365(14), 367(GEN), 377(14), 383(11,26), 395(GEN),  
398(11,26), 403(38), 404(11,26), 405(GEN).
- 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 AND 26/02.
- 3. CANCEL NAVAREA IV 399/02.

(261010Z OCT 2002)

407/02. CANCELED.

408/02(38). NORTH ATLANTIC. ORDNANCE.

- 1. UNDERWATER ORDNANCE DETONATIONS 310001Z TO 312359Z OCT  
AND 020001Z TO 022359Z NOV IN AREA BOUND BY  
62-46N 036-18W, 64-30N 033-10W,  
62-50N 027-23W, 61-00N 030-00W.
- 2. CANCEL THIS MSG 030059Z NOV.

(301210Z OCT 2002)

409/02 and 410/02. CANCELED.

## SECTION III

NM 46/02

## HYDROLANTS

Messages in force 311200Z October 2002:

2000 series	2948(36)	1986(GEN)	2247(24)	2366(54,56)	2400(24)
1569(36)	3161(44)	2027(GEN)	2268(36)	2367(GEN)	2401(24)
2353(36)	2002 series	2105(53)	2270(52,53)	2368(51)	2403(24)
2937(38)	11(54)	2117(GEN)	2282(36)	2370(24)	2404(24)
3762(43)	134(37)	2149(23,24)	2292(GEN)	2371(37)	2406(38)
4265(44)	245(GEN)	2155(51)	2294(53)	2372(38)	2407(38)
2001 series	246(GEN)	2156(GEN)	2297(24)	2374(36,37)	2408(56)
470(53)	321(52)	2158(35)	2307(24)	2382(55)	2409(23)
611(44)	349(54)	2171(57)	2310(52,53)	2387(37)	2410(57)
1116(36)	383(53)	2177(55)	2321(57)	2388(55)	2411(36)
1798(37)	946(53)	2203(51)	2339(53)	2389(35,36)	2412(54)
1885(44)	1065(53)	2205(37)	2343(37)	2391(53)	2413(52)
2066(37)	1066(37)	2211(37)	2347(52)	2392(36)	2414(23,29)
2659(GEN)	1159(51)	2219(53)	2354(53)	2393(53)	2415(24)
2700(37)	1290(53)	2228(35)	2361(24)	2394(54,56)	2416(24)
2706(37)	1485(24)	2230(53)	2363(55)	2396(36,37)	2417(53)
2864(53)	1798(43)	2237(24)	2364(36,37)	2397(53)	
2916(37)	1895(23)	2243(37)	2365(54)	2399(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 241200Z to 311200Z October 2002.**

2347/02(52). TUNISIA-EAST COAST. GUNNERY.

1. GUNNERY EXERCISES 27 OCT THRU 01 NOV IN AREA BETWEEN 35-30N 35-40N AND 011-30E 011-50E.
2. CANCEL THIS MSG 02 NOV.

(241500Z OCT 2002)

2348/02 thru 2353/02. CANCELED.

2354/02(53). SARDEGNA-SOUTH COAST.

- CHART 53269 (5TH ED).  
ISOLotta IL TORO LIGHT 38-51.6N 008-24.6E UNLIT.

(241920Z OCT 2002)

2355/02 thru 2360/02. CANCELED.

2361/02(24). BRAZIL-SOUTH COAST.

1. HYDROGRAPHIC OPERATIONS 28 OCT THRU 06 NOV BY M/V SIRIUS VICINITY OF TRACKLINE BETWEEN 28-19S 048-00W AND 30-35S 050-15W. WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 07 NOV.

(251617Z OCT 2002)

2362/02. CANCELED.

2363/02(55). BLACK SEA. MISSILES.

1. HAZARDOUS OPERATIONS 28 THRU 31 OCT IN AREA BOUND BY 44-34.1N 031-14.0E, 43-52.0N 030-43.0E, 43-50.0N 030-30.0E, 44-45.1N 030-09.0E.
2. CANCEL THIS MSG 01 NOV.

(251707Z OCT 2002)

2364/02(36,37). CELTIC SEA. ORDNANCE.

1. UNDERWATER ORDNANCE DETONATIONS 300001Z OCT TO 010001Z NOV WITHIN FOUR MILES OF 47-10N 009-00W.
2. CANCEL THIS MSG 010101Z NOV.

(251750Z OCT 2002)

2365/02(54). EASTERN MEDITERRANEAN SEA.

1. DISTRESS SIGNAL RECEIVED VICINITY 35-47.7N 030-58.2E AT 251627Z OCT. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO RCC LARNACA, INMARSAT-C: 42109 9999, TELEX: 6054158, PHONE: 357 2430 4723, FAX: 357 2464 3254.
2. CANCEL HYDROLANT 2356/02(35), AID RESTORED.

(251809Z OCT 2002)

2366/02(54,56). EASTERN MEDITERRANEAN SEA.

DISTRESS SIGNAL RECEIVED ON 243 MHZ IN 34-50N 034-46E  
AT 260551Z OCT. VESSELS IN VICINITY REQUESTED TO  
KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS  
TO RCC LARNACA, INMARSAT-C: 42109 9999, TELEX: 6054158,  
PHONE: 357 2430 4723, FAX: 357 2464 3254.

(260755Z OCT 2002)

2367/02(GEN).

1. HYDROLANT MESSAGES IN FORCE 261100Z OCT 2002. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.  
2002 SERIES: 2105(53), 2117(GEN), 2149(23,24), 2155(51), 2156(GEN), 2158(35), 2171(57), 2177(55), 2203(51), 2205(37), 2211(37), 2219(53), 2220(55), 2228(35), 2230(53), 2237(24), 2243(37), 2247(24), 2268(36), 2270(52,53), 2282(36), 2292(GEN), 2294(53), 2297(24), 2307(24), 2310(52,53), 2321(57), 2323(23), 2328(36,37), 2332(51), 2337(24), 2339(53), 2343(37), 2344(53,56), 2346(38), 2347(52), 2349(24), 2350(24), 2351(24), 2352(24), 2353(24), 2354(53), 2359(24), 2360(GEN), 2361(24), 2362(55), 2363(55), 2364(36,37), 2365(54), 2366(54,56).
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 AND 26/02.
3. CANCEL HYDROLANT 2029/02, 2037/02, 2055/02, 2314/02, 2329/02.

(261110Z OCT 2002)

2368/02(51). MOROCCO TO SENEGAL.

14 METER S/V OCEANIA, RED AND WHITE HULL, TWO PERSONS ON BOARD,  
OVERDUE MOHAMMEDIA TO DAKAR. VESSELS IN VICINITY  
REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.  
REPORTS TO MRCC GRIS NEZ, TELEX: 4213 0680,  
PHONE: 333 2187 2187, FAX: 333 2187 7855.

(261210Z OCT 2002)

2369/02. CANCELED.

2370/02(24). BRAZIL-NORTH COAST.

1. OCEANOGRAPHIC OPERATIONS IN PROGRESS UNTIL 04 NOV BY M/V ALMIRANTE CAMARA IN AREA BOUND BY  
03-25S 037-58W, 03-51S 037-25W,  
04-23S 037-25W, 04-01S 037-58W.  
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 05 NOV.

(261444Z OCT 2002)

2371/02(37). CELTIC SEA.

1. CONTAINER ADRIFT VICINITY 47-12N 007-33W AT 261809Z OCT.
2. CANCEL THIS MSG 02 NOV.

(261855Z OCT 2002)

2372/02(38). NORTH ATLANTIC.

MAN OVERBOARD FROM F/V RYOUN MARU NO 22 IN  
57-01N 020-16W AT 270000Z OCT. VESSELS IN  
VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,  
ASSIST IF POSSIBLE. REPORTS TO UKMRCC.

(270700Z OCT 2002)

2373/02. CANCELED.

2374/02(36,37). ENGLAND-SOUTHWEST COAST.

1. TWO CONTAINERS ADRIFT IN 49-47.4N 005-59.0W AT 270424Z OCT.
2. CANCEL THIS MSG 03 NOV.

(270715Z OCT 2002)

2375/02 thru 2381/02. CANCELED.

2382/02(55). BLACK SEA.

1. SEISMIC SURVEY IN PROGRESS UNTIL 31 DEC BY M/V AKADEMIK SHATSKIY TOWING 6000 METER LONG CABLE IN AREA BOUND BY 43-53.8N 036-22.6E, 44-25.9N 036-36.3E, 44-25.8N 037-00.4E, 44-10.3N 037-00.8E, 43-51.6N 037-52.6E, 43-29.8N 037-34.4E. WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 01 JAN 03.

(271612Z OCT 2002)

2383/02 thru 2386/02. CANCELED.

## SECTION III

NM 46/02

- 2387/02(37). DOVER STRAIT.  
CHART 37120 (2nd ED).  
1. DYCK BUOY 51-03N 001-52E UNLIT AND RACON INOPERATIVE.  
2. CANCEL HYDROLANT 2383/02(38), 2372/02 REFERS. (281345Z OCT 2002)
- 2388/02(55). BLACK SEA. MISSILES.  
1. HAZARDOUS OPERATIONS 291400Z TO 311800Z OCT  
IN AREA BOUND BY 44-51.3N 029-35.5E,  
44-34.2N 031-14.8E, 43-57.0N 030-43.0E,  
43-40.2N 029-46.5E.  
2. CANCEL HYDROLANT 2362/02.  
3. CANCEL THIS MSG 311900Z OCT. (281450Z OCT 2002)
- 2389/02(35,36). IRELAND-SOUTH COAST.  
1. SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE BY  
M/V GEO SURVEYOR IN AREA BETWEEN 51-40N 51-25N  
AND 008-00W 007-40W. WIDE BERTH REQUESTED.  
2. CANCEL HYDROLANT 2381/02(37), AID RESTORED.  
3. CANCEL HYDROLANT 2373/02(37). (281740Z OCT 2002)
- 2390/02. CANCELED.
- 2391/02(53). TYRRHENIAN SEA.  
1. 12 METER FISHING NET WITH SIX METER CAGE  
ADRIFT IN 40-20.5N 009-44.3E.  
2. CANCEL THIS MSG 04 NOV. (282120Z OCT 2002)
- 2392/02(36). ENGLAND-WEST COAST. RADIO SERVICES.  
MF DSC STATION SAINT ANNS HEAD 51-41N 005-11W INOPERATIVE. (282150Z OCT 2002)
- 2393/02(53). IONIAN SEA. STRAIT OF SICILY.  
1. HYDROGRAPHIC OPERATIONS 010800Z TO 130800Z NOV BY M/V ALLIANCE,  
M/V LEONARDO AND M/V TRITON TOWING EQUIPMENT IN AREA BOUND BY  
37-00N 014-00E, 36-45N 014-30E, 36-37N 015-00E,  
36-39N 015-10E, 36-55N 015-15E, 36-55N 016-00E,  
35-55N 016-00E, 35-55N 015-00E, 36-18N 014-30E,  
36-18N 014-00E. WIDE BERTH REQUESTED.  
2. CANCEL THIS MSG 130900Z NOV. (290910Z OCT 2002)
- 2394/02(54,56). EASTERN MEDITERRANEAN SEA.  
DISTRESS SIGNAL RECEIVED ON 243.0 MHZ IN 33-28.6N 033-05.2E  
AT 290924Z OCT. VESSELS IN VICINITY REQUESTED TO KEEP A  
SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO RCC LARNACA,  
TELEX: 6054158, PHONE: 357 2430 4723, FAX: 357 2464 325. (291215Z OCT 2002)
- 2395/02. CANCELED.
- 2396/02(36,37). NORTH ATLANTIC. MISSILES.  
1. HAZARDOUS OPERATIONS 300700Z TO 311700Z OCT  
IN AREA BOUND BY 44-55N 011-00W, 44-14N 009-44W,  
43-51N 010-11W, 44-33N 011-00W.  
2. CANCEL THIS MSG 311800Z OCT. (291700Z OCT 2002)
- 2397/02(53). TYRRHENIAN SEA.  
1. DERELICT VESSEL ADRIFT IN 38-08.4N 013-30.6E.  
2. CANCEL THIS MSG 06 NOV. (300135Z OCT 2002)
- 2398/02. CANCELED.
- 2399/02(24). BRAZIL-EAST COAST.  
1. SEISMIC SURVEY IN PROGRESS UNTIL 01 NOV BY  
M/V BULLDOG TOWING 15 METER LONG CABLE IN  
AREA BOUND BY 11-01.4S 036-58.7W,  
11-01.7S 036-53.6W, 11-02.9S 036-51.8W,  
11-03.9S 037-04.3W. WIDE BERTH REQUESTED.  
2. CANCEL THIS MSG 02 NOV. (300920Z OCT 2002)

2400/02(24). BRAZIL-NORTH COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 01 NOV BY  
M/V RAMFORM EXPLORER TOWING EIGHT 6853 METER  
LONG CABLES IN AREA BOUND BY  
00-15.6S 043-44.0W, 00-42.3S 044-13.5W,  
00-49.0S 044-07.6W, 00-22.4S 043-38.2W.  
FIVE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 02 NOV.

(300925Z OCT 2002)

2401/02(24). BRAZIL-EAST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 020300Z NOV BY  
M/V VERITAS VIKING I TOWING EIGHT 6000 METER  
LONG CABLES IN AREA BOUND BY 19-40S 039-26W,  
19-48S 039-26W, 19-48S 039-43W, 19-44S 039-42W,  
19-40S 039-34W. SIX MILE BERTH REQUESTED.
2. CANCEL THIS MSG 020400Z NOV.

(300935Z OCT 2002)

2402/02. CANCELED.

2403/02(24). BRAZIL-EAST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 020259Z NOV BY  
M/V VERITAS VIKING II TOWING EIGHT 6000 METER  
LONG CABLES IN AREA BETWEEN 19-12S 19-42S AND  
038-45W 038-37W. SIX MILE BERTH REQUESTED.
2. CANCEL THIS MSG 020359Z NOV.

(300945Z OCT 2002)

2404/02(24). BRAZIL-SOUTH COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 020300Z NOV  
BY M/V CGG ALIZE TOWING EIGHT 6000 METER  
LONG CABLES IN AREA BETWEEN 25-40S 26-50S  
AND 044-25W 045-15W. FOUR MILE BERTH REQUESTED.
2. CANCEL THIS MSG 020400Z NOV.

(300950Z OCT 2002)

2405/02. CANCELED.

2406/02(38). NORTH ATLANTIC. ORDNANCE.

1. UNDERWATER ORDNANCE DETONATIONS 310001Z TO 312359Z OCT,  
ALTERNATE 020001Z TO 022359Z NOV WITHIN  
100 MILES OF 68-50N 015-56W.
2. CANCEL THIS MSG 030059Z NOV.

(301150Z OCT 2002)

2407/02(38). NORTH ATLANTIC. ORDNANCE.

1. UNDERWATER ORDNANCE DETONATIONS 310001Z TO 312359Z OCT  
AND 020001Z TO 022359Z NOV IN AREA BOUND BY  
62-46N 036-18W, 64-30N 033-10W,  
62-50N 027-23W, 61-00N 030-00W.
2. CANCEL THIS MSG 030059Z NOV.

(301220Z OCT 2002)

2408/02(56). EASTERN MEDITERRANEAN SEA. EGYPT.

1. SEISMIC SURVEY IN PROGRESS UNTIL 07 DEC BY M/V FLYING ENTERPRISE  
TOWING 1200 METER LONG CABLE IN AREA BOUND BY  
31-41.4N 030-03.4E, 31-37.6N 030-05.8E,  
31-35.5N 030-01.4E, 31-39.3N 029-59.0E.
2. CANCEL THIS MSG 08 DEC.

(301240Z OCT 2002)

2409/02(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. 200 METERS BY 300 METERS, IN 44-59.8S 059-06.1W.
  - G. 400 METERS BY 500 METERS, IN 45-11.8S 059-04.7W.
2. CANCEL HYDROLANT 2398/02
3. CANCEL THIS MSG 06 NOV.

(301400Z OCT 2002)

## SECTION III

NM 46/02

- 2410/02(57). SOUTH ATLANTIC.  
UNDERWATER CABLE OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE  
BY CABLESHIP CHAMAREL WITHIN THREE MILES OF  
05-58.9S 009-26.0E. WIDE BERTH REQUESTED.  
(301720Z OCT 2002)
- 2411/02(36). IRELAND-EAST COAST.  
CHART 36060 (17TH ED).  
ROCKABILL LIGHT 53-35.8N 006-00.3W UNRELIABLE.  
(302230Z OCT 2002)
- 2412/02(54). IONIAN SEA. GUNNERY.  
1. GUNNERY EXERCISES SUNRISE TO SUNSET DAILY 01 THRU 30 NOV  
EXCEPT SATURDAYS, SUNDAYS AND HOLIDAYS IN AREA BOUND BY  
37-12N 020-18E, 37-56N 020-00E, 37-56N 020-28E,  
37-15N 020-49E.  
2. CANCEL THIS MSG 01 DEC.  
(310155Z OCT 2002)
- 2413/02(52). TUNISIA-NORTH COAST. HAZARDOUS OPERATIONS.  
HAZARDOUS OPERATIONS 01 NOV UNTIL FURTHER NOTICE IN AREA  
BETWEEN 37-25N 37-19N AND 009-39E 009-49E.  
(310220Z OCT 2002)
- 2414/02(23,29). SOUTH ATLANTIC. ICE.  
1. ICEBERGS REPORTED ON 30 OCT:  
A. A-38A, 22 MILES BY 48 MILES IN 63-18S 053-06W.  
B. A-38B, 22 MILES BY 25 MILES IN 64-06S 055-06W.  
C. A-38C, THREE MILES BY TEN MILES IN 64-30S 053-18W.  
D. A-38D, TWO MILES BY TEN MILES IN 63-30S 056-00W.  
E. A-43C, 24 MILES BY 41 MILES IN 60-12S 063-18W.  
F. A-46, FOUR MILES BY 11 MILES IN 58-30S 046-06W.  
G. A-47, NINE MILES BY 14 MILES IN 59-42S 054-36W.  
H. A-48, NINE MILES BY TEN MILES IN 64-24S 057-24W.  
I. A-50, TWO MILES BY 11 MILES IN 64-36S 056-30W.  
2. CANCEL THIS MSG 07 NOV.  
(310415Z OCT 2002)
- 2415/02(24). BRAZIL-NORTH COAST. ROCKETS.  
1. HAZARDOUS OPERATIONS 1300Z TO 1900Z DAILY 04 THRU 09 NOV  
WITHIN TWO MILES OF 02-17S 044-21W.  
2. CANCEL HYDROLANT 2405/02.  
3. CANCEL THIS MSG 092000Z NOV.  
(310810Z OCT 2002)
- 2416/02(24). BRAZIL-SOUTHEAST COAST.  
1. SEISMIC SURVEY IN PROGRESS UNTIL 020300Z NOV BY  
M/V CGG HARMATTAN TOWING EIGHT 4500 METER LONG  
CABLES IN AREA BETWEEN 22-04S 22-20S AND  
039-58W 040-19W. FOUR MILE BERTH REQUESTED.  
2. CANCEL HYDROLANT 2402/02.  
3. CANCEL THIS MSG 020400Z NOV.  
(310820Z OCT 2002)
- 2417/02(53). SICILIA-SOUTHEAST COAST. HAZARDOUS OPERATIONS.  
1. HAZARDOUS OPERATIONS SUNRISE TO SUNSET DAILY 04 THRU 07,  
11 THRU 15, 18 THRU 21 AND 25 THRU 27 NOV WITHIN 15 MILES  
OF 36-40-20N 015-00-53E.  
2. CANCEL THIS MSG 28 NOV.  
(311150Z OCT 2002)



SECTION III

NM 46/02

NAVAREA XII

Messages in force 311200Z October 2002:

2001 series	2002 series	255(GEN)	270(GEN)	296(GEN)	311(19)
298(GEN)	178(GEN)	260(GEN)	290(83)	298(GEN)	312(18)

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 241200Z to 311200Z October 2002.

302/02 thru 310/02. CANCELED.

311/02(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 271/02.

(281010Z OCT 2002)

312/02(18). EASTERN NORTH PACIFIC. MISSILES.

1. INTERMITTENT MISSILE FIRING OPERATIONS 0001Z TO 2359Z DAILY MONDAY THRU SUNDAY IN THE NAVAL AIR WARFARE CENTER SEA RANGE. THE MAJORITY OF MISSILE FIRINGS TAKE PLACE 1400Z TO 2359Z AND 0001Z TO 0200Z DAILY MONDAY THRU FRIDAY. THE SEA RANGE IS BOUND AS FOLLOWS:
  - A. 34-02N 119-04W. M. THENCE THREE NAUTICAL MILES FROM AND PARALLEL
  - B. 33-52N 119-06W. TO THE SHORELINE.
  - C. 33-29N 119-07W. N. 34-24N 120-30W.
  - D. 33-29N 118-37W. O. 34-08N 120-26W.
  - E. 33-20N 118-37W. P. 34-08N 119-40W.
  - F. 32-11N 120-16W. Q. 34-00N 119-40W.
  - G. 31-54N 121-35W. R. 34-06N 119-13W.
  - H. 35-09N 123-39W. S. 34-06N 119-11W.
  - I. 35-29N 123-00W. T. 34-07N 119-10W.
  - J. 35-04N 122-43W. U. 34-07N 119-07W.
  - K. 35-57N 121-32W. V. 34-04N 119-04W.
  - L. 34-59N 120-42W.
2. VESSELS MAY BE REQUESTED TO ALTER COURSE WITHIN THE ABOVE AREA DUE TO FIRING OPERATIONS AND ARE REQUESTED TO CONTACT PLEAD CONTROL ON 5081.5 KHZ (5080 KHZ) OR 3238.5 KHZ (3237 KHZ) SECONDARY OR 156.8 MHZ (CH 16) OR 127.55 MHZ BEFORE ENTERING THE ABOVE BOUNDARIES AND MAINTAIN CONTINUOUS GUARD WHILE WITHIN THE RANGE.
3. VESSELS INBOUND AND OUTBOUND FOR SOUTHERN CALIFORNIA PORTS WILL CREATE THE LEAST INTERFERENCE TO FIRING OPERATIONS

DURING THE SPECIFIC PERIODS, AS WELL AS ENHANCE THE VESSEL'S SAFETY WHEN PASSING THROUGH THE VICINITY OF THE SEA RANGE. IF THEY WILL TRANSIT VIA THE SANTA BARBARA CHANNEL AND WITHIN NINE MILES OFFSHORE VICINITY OF POINT MUGU OR CROSS THE AREA SOUTHWEST OF SAN NICOLAS ISLAND BETWEEN SUNSET AND SUNRISE.

4. CANCEL NAVAREA XII 301/02.

(311040Z OCT 2002)

## SECTION III

NM 46/02

## HYDROPACS

Messages in force 311200Z October 2002:

2000 series	637(75)	1724(81,92)	1832(81)	1936(GEN)	2010(94,95)
597(73)	753(62)	1729(94)	1835(96)	1937(81)	2011(71)
1557(94)	787(71)	1732(97)	1836(96)	1945(61)	2012(81)
2001 series	828(62)	1738(97)	1842(22)	1951(94)	2016(94,95)
725(74)	882(62)	1749(81)	1843(22)	1953(83)	2017(95)
1556(71)	1078(72)	1750(71)	1856(83)	1955(71)	2018(94,95)
1636(96)	1147(92)	1751(81)	1865(81,92)	1961(93)	2022(22)
1647(GEN)	1315(62)	1752(91,92)	1868(97)	1963(81)	2024(62)
1929(76)	1550(94)	1757(GEN)	1877(83)	1969(94)	2026(63)
1976(62)	1588(75)	1762(71)	1881(81,91,97)	1971(63)	2027(73,74)
2062(61)	1607(93)	1764(81)	1885(91,93,94)	1972(91)	2029(63)
2002 series	1629(GEN)	1765(71)	1893(74)	1981(62)	2030(95)
146(62)	1635(62)	1785(95)	1912(71)	1983(63)	2031(95)
196(61)	1661(GEN)	1786(81)	1913(81)	1986(74)	2032(23,29)
205(GEN)	1685(81)	1793(95)	1914(61)	1990(83)	2033(61)
206(GEN)	1695(71,93)	1808(62)	1916(92)	1992(62)	2034(22)
207(93)	1699(92)	1815(63)	1917(81)	1994(82)	2035(95)
352(73)	1703(19)	1823(71)	1922(76)	2003(75)	
403(72,73)	1714(94)	1825(81)	1923(83)	2006(GEN)	
496(75)	1723(81,91,97)	1831(81)	1926(92)	2008(63)	

The summary of all HYDROPACS 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.

## HYDROPAC WARNINGS issued from 241200Z to 311200Z October 2002.

1988/02 and 1989/02. CANCELED.

1990/02(83). SOUTH PACIFIC.

DISTRESS SIGNAL RECEIVED ON 121.5 MHZ IN 13-53S 170-21W. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO MARITIME OPERATIONS NEW ZEALAND, INMARSAT-C: 4512 00067, PHONE: 644 914 5663, FAX: 644 914 5520 OR TAUPO MARITIME RADIO.

(250025Z OCT 2002)

1991/02. CANCELED.

1992/02(62). PERSIAN GULF. SAUDI ARABIA. GUNNERY.

1. GUNNERY EXERCISES 0230Z TO 2100Z DAILY 26 OCT THRU 02 NOV IN AREA BOUND BY 27-51N 049-52E, 27-50N 049-36E, 27-26N 049-51E, 27-27N 050-27E, 27-37N 050-22E.
2. CANCEL HYDROPAC 1954/02.
3. CANCEL THIS MSG 022200Z NOV.

(250610Z OCT 2002)

1993/02. CANCELED.

1994/02(82). SOUTH PACIFIC. SOLOMON ISLANDS.

1. 6.4 METER VESSEL, BLUE HULL, TWO PERSONS ON BOARD. OVERDUE HONIARA TO 09-24S 159-29E. 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.
2. CANCEL HYDROPAC 1984/02(74,75,76), PERSONS RESCUED.
3. CANCEL HYDROPAC 1967/02 AND 1988/02(83).

(251020Z OCT 2002)

1995/02 thru 2002/02. CANCELED.

2003/02(75). AUSTRALIA-SOUTH COAST.

SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE BY M/V GECCO BETA TOWING SIX 3 MILE LONG CABLES IN AREA BETWEEN 37-40S 38-00S AND 139-50E 140-22E. WIDE BERTH REQUESTED.

(260710Z OCT 2002)

2004/02 and 2005/02. CANCELED.

2006/02(GEN).

1. HYDROPAC MESSAGES IN FORCE 261100Z OCT 2002. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN. 2002 SERIES: 1685(81), 1695(71,93), 1699(92), 1703(19), 1714(94), 1723(81,91,97), 1724(81,92), 1729(94), 1732(97), 1738(97), 1749(81), 1750(71), 1751(81), 1752(91,92), 1757(GEN), 1762(71), 1764(81), 1765(71), 1767(63), 1775(94,95), 1776(94,95), 1780(94,95), 1784(95), 1785(95), 1786(81), 1793(95), 1806(93), 1808(62), 1815(63), 1823(71), 1825(81), 1831(81), 1832(81), 1835(96), 1836(96), 1842(22), 1843(22), 1856(83), 1865(81,92), 1868(97), 1877(83), 1881(81,91,97), 1885(91,93,94), 1893(74), 1912(71), 1913(81), 1914(61), 1916(92), 1917(81), 1922(76), 1923(83), 1926(92), 1936(GEN), 1937(81), 1940(63), 1945(61), 1951(94), 1953(83), 1955(71), 1960(74), 1961(93), 1963(81), 1969(94), 1970(63), 1971(63), 1972(91), 1981(62), 1983(63), 1986(74), 1987(GEN), 1990(83), 1992(62), 1993(74), 1994(82), 1995(62), 1996(74,75), 1997(GEN), 2000(83), 2003(75), 2004(75), 2005(22).
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 AND 26/02.
3. CANCEL HYDROPAC 1639/02, 1642/02, 1646/02, 1666/02, 1668/02, 1669/02, 1670/02, 1675/02, 1677/02, 1949/02, 1956/02, 1958/02, 1959/02.

(261120Z OCT 2002)

2007/02. CANCELED.

2008/02(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

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

(261145Z OCT 2002)

2009/02. CANCELED.

2010/02(94,95). YELLOW SEA. ORDNANCE.

1. BOMBING EXERCISES 0001Z TO 1000Z DAILY 01, 02, 04 THRU 09, 11 THRU 16, 18 THRU 23 AND 25 THRU 30 NOV IN AREA BETWEEN 36-05N 36-35N AND 124-50E 125-42E.
2. CANCEL THIS MSG 301100Z NOV.

(261220Z OCT 2002)

2011/02(71). STRAIT OF MALACCA. GUNNERY.

1. GUNNERY EXERCISES 0001Z TO 1601Z DAILY 01, 02, 04 THRU 09, 11 THRU 16, 18 THRU 23 AND 25 THRU 30 NOV IN AREA BOUND BY 04-33N 099-48E, 04-12N 100-17E, 04-52N 100-06E.
2. CANCEL THIS MSG 301701Z NOV.

(261225Z OCT 2002)

2012/02(81). NORTH PACIFIC. MARIANA ISLANDS. ORDNANCE.

1. BOMBING EXERCISES 2330Z TO 0630Z COMMENCING DAILY 30 OCT THRU 01 NOV VICINITY 16-01N 146-04E.
2. CANCEL THIS MSG 020730Z NOV.

(261250Z OCT 2002)

2013/02 thru 2015/02. CANCELED.

2016/02(94,95). YELLOW SEA. ORDNANCE.

1. BOMBING EXERCISES 0001Z TO 1000Z DAILY 01, 02, 04 THRU 09, 11 THRU 16, 18 THRU 23 AND 25 THRU 30 NOV IN AREA BETWEEN 34-50N 35-15N AND 124-50E 125-42E.
2. CANCEL THIS MSG 301100Z NOV.

(270810Z OCT 2002)

2017/02(95). SEA OF JAPAN. ORDNANCE.

1. BOMBING EXERCISES 0001Z TO 0700Z DAILY 01, 02, 04 THRU 09, 11 THRU 16, 18 THRU 23 AND 25 THRU 30 NOV IN AREA BOUND BY 38-08N 129-51E, 38-08N 130-10E, 37-39N 130-10E, 37-42N 129-51E.
2. CANCEL THIS MSG 300800Z NOV.

(270815Z OCT 2002)

## SECTION III

NM 46/02

- 2018/02(94,95). YELLOW SEA. ORDNANCE.  
 1. BOMBING EXERCISES 0001Z TO 1000Z DAILY 01, 02,  
 04 THRU 09, 11 THRU 16, 18 THRU 23 AND  
 25 THRU 30 NOV IN AREA BOUND BY 36-35N 125-36E,  
 36-35N 124-50E, 37-06N 124-50E, 37-10N 125-36E.  
 2. CANCEL THIS MSG 301100Z NOV.  
 (270820Z OCT 2002)
- 2019/02 thru 2021/02. CANCELED.
- 2022/02(22). PERU.  
 CHART 22180 (2ND ED).  
 1. SAN NICOLAS LIGHT 15-15.3S 075-15.5W UNLIT.  
 2. CANCEL HYDROPAC 2385/02 (DTG 280035Z OCT), MSG SENT IN ERROR.  
 (280055Z OCT 2002)
- 2023/02. CANCELED.
- 2024/02(62). RED SEA. SAUDI ARABIA.  
 1. LORAN-C STATION AL MUWASSAM, RATE 8830-Z, OFF AIR  
 0430 TO 1500Z DAILY 29 OCT THRU 14 NOV.  
 2. CANCEL THIS MSG 141600Z NOV.  
 (281625Z OCT 2002)
- 2025/02. CANCELED.
- 2026/02(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.  
 1. HAZARDOUS OPERATIONS 0230Z TO 1230Z DAILY 01 THRU 07 NOV  
 IN AREA BETWEEN 15-13N 15-11N AND 073-57E 073-52E.  
 2. CANCEL THIS MSG 071330Z NOV.  
 (282045Z OCT 2002)
- 2027/02(73,74). AUSTRALIA-NORTHWEST COAST.  
 1. DERELICT F/V PARTIALLY SUBMERGED AND ADRIFT IN  
 10-08S 128-51E AT 281030Z OCT.  
 2. CANCEL THIS MSG 04 NOV.  
 (282235Z OCT 2002)
- 2028/02. CANCELED.
- 2029/02(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.  
 1. HAZARDOUS OPERATIONS 0330Z TO 1530Z DAILY 01 THRU 05 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 051630Z NOV.  
 (290310Z OCT 2002)
- 2030/02(95). SEA OF JAPAN. ORDNANCE.  
 1. BOMBING EXERCISES 0001Z TO 1300Z DAILY 01, 02,  
 04 THRU 09, 11 THRU 16, 18 THRU 23 AND  
 25 THRU 30 NOV IN AREA BOUND BY  
 38-25N 128-45E, 38-25N 129-30E,  
 38-10N 129-30E, 38-10N 129-00E,  
 38-17N 129-00E, 38-17N 128-45E.  
 2. CANCEL THIS MSG 301400Z NOV.  
 (291010Z OCT 2002)
- 2031/02(95). YELLOW SEA. ORDNANCE.  
 1. BOMBING EXERCISES 0001Z TO 1300Z DAILY 01, 02,  
 04 THRU 09, 11 THRU 16, 18 THRU 23 AND  
 25 THRU 30 NOV IN AREA BETWEEN  
 35-35N 36-00N AND 125-00E 125-30E.  
 2. CANCEL THIS MSG 301400Z NOV.  
 (291020Z OCT 2002)
- 2032/02(23,29). SOUTH ATLANTIC. ICE.  
 1. ICEBERGS REPORTED ON 30 OCT:  
 A. A-38A, 22 MILES BY 48 MILES IN 63-18S 053-06W.  
 B. A-38B, 22 MILES BY 25 MILES IN 64-06S 055-06W.  
 C. A-38C, THREE MILES BY TEN MILES IN 64-30S 053-18W.  
 D. A-38D, TWO MILES BY TEN MILES IN 63-30S 056-00W.  
 E. A-43C, 24 MILES BY 41 MILES IN 60-12S 063-18W.  
 F. A-46, FOUR MILES BY 11 MILES IN 58-30S 046-06W.  
 G. A-47, NINE MILES BY 14 MILES IN 59-42S 054-36W.  
 H. A-48, NINE MILES BY TEN MILES IN 64-24S 057-24W.  
 I. A-50, TWO MILES BY 11 MILES IN 64-36S 056-30W.  
 2. CANCEL THIS MSG 07 NOV.  
 (310420Z OCT 2002)

2033/02(61). INDIAN OCEAN. ORDNANCE.

1. UNDERWATER ORDNANCE DETONATIONS IN PROGRESS UNTIL 302359Z NOV IN AREA BETWEEN 09-00S 13-00S AND 070-00E 073-00E.
2. CANCEL HYDROPAC 1806/02(93).
3. CANCEL THIS MSG 010059Z DEC.

(310710Z OCT 2002)

2034/02(22). SOUTH PACIFIC. PERU.

1. DERELICT F/V CLAUDIA 1 ADRIFT VICINITY 10-12S 082-49W.
2. CANCEL HYDROPAC 1993/02(74), OPERATIONS COMPLETED.
3. CANCEL THIS MSG 07 NOV.

(310720Z OCT 2002)

2035/02(95). YELLOW SEA. ORDNANCE.

1. BOMBING EXERCISES 0030Z TO 0300Z AND 0430Z TO 0700Z DAILY 05 THRU 08 NOV, ALTERNATE 120030Z TO 120300Z AND 120430Z TO 120700Z NOV IN AREA BOUND BY 36-14.0N 126-38.0E, 35-41.0N 125-44.0E, 35-51.0N 125-35.0E, 36-21.5N 126-22.9E, 36-21.4N 126-30.1E.
2. CANCEL THIS MSG 120800Z NOV.

(310840Z OCT 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](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 31 October 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](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 31 October 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 DISTANCES BETWEEN UNITED STATES PORTS**

Distances Between United States Ports, Ninth Edition, 2002, is available on the internet at **<http://chartmaker.ncd.noaa.gov/nsd/ports.html>**. The 2002 Edition cancels the preceding 1993 Edition. Distances Between United States Ports publications are no longer sold by NOS and Department of Commerce. It is **free** to the public on the internet.

## 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).

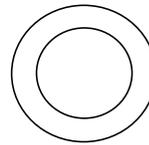
Due to the large volume of information received, NIMA cannot acknowledge receipt of every report. Some reports containing useful data are filed for use in the compilation of the next edition of the affected product. Others confirm or clarify previously reported information. Echogram traces are digitized 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).



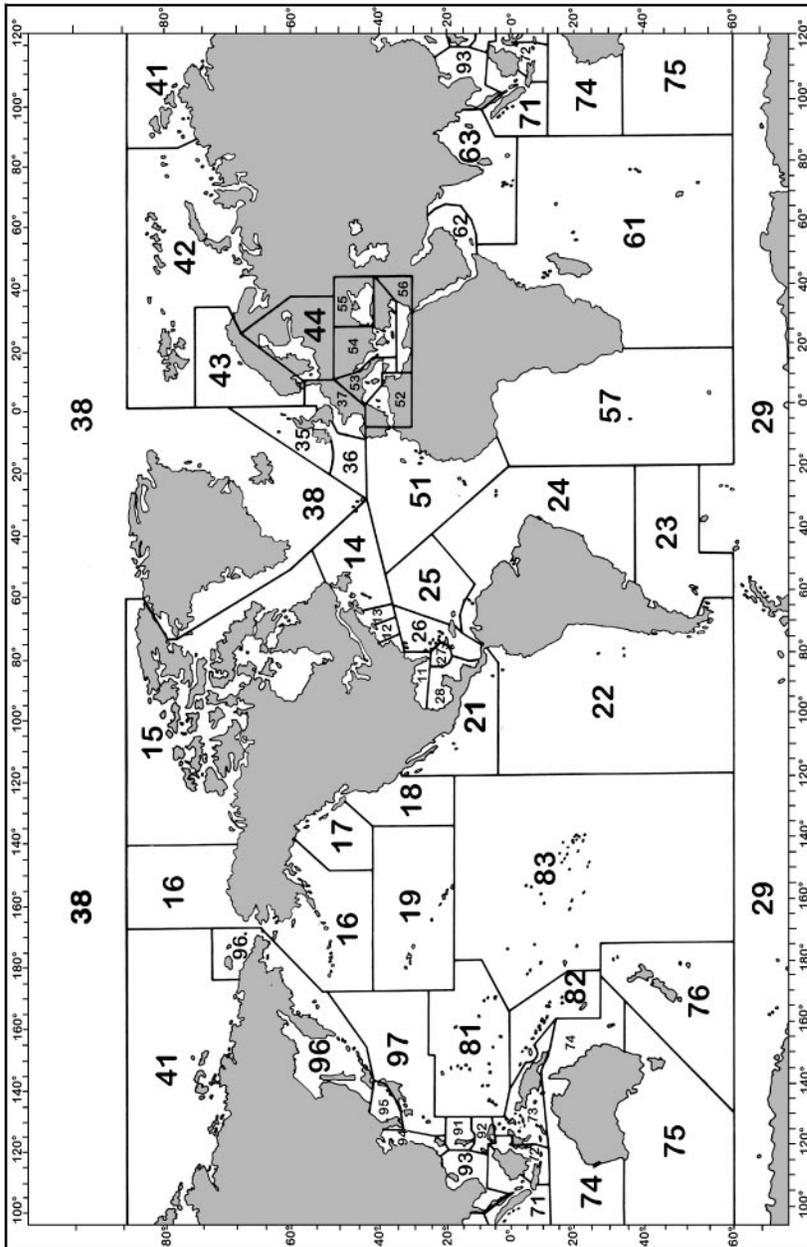


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# GEOGRAPHIC LOCATOR



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

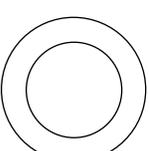
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