

U.S. Department of Transportation
United States Coast Guard

COMMANDER, FIFTH COAST GUARD DISTRICT

AIDS TO NAVIGATION BRANCH
FEDERAL BUILDING, 431 CRAWFORD STREET
PORTSMOUTH, VIRGINIA 23704-5004
PHONE: (757) 398-6367 FAX: (757) 398-6334
OFFICE HOURS: 8:00 AM TO 4:00 PM (MONDAY-FRIDAY)

LOCAL NOTICE TO MARINERS

Coastal Waters from Shrewsbury River, New Jersey to Little River Inlet, South Carolina

MONTHLY EDITION

NOTICE NUMBER 44-97

October 31, 1997

BROADCAST NOTICE TO MARINERS

Navigation information having been of immediate concern to
TO SUBSCRIBE, CHANGE ADDRESS OR BE
the Mariner, and promulgated by the following broadcasts, has
REMOVED FROM MAILING LIST CALL (757) 398-6367
been incorporated in this notice when still significant:

- CCGD5 (D5) BNM 0523-97 TO 0443-97
- GROUP PHILADELPHIA (PH) BNM 0354-97 TO 0370-97
- GROUP CAPE MAY (CM) BNM 0424-97 TO 0437-97 Electronic bulletin
board Service: (703) 313-5910
- ACTIVITY BALTIMORE (BA) BNM 0629-97 TO 0644-97 4300 to 28.8 bps, 8
data bits, no parity, 1 stop bit
- GROUP EASTERN SHORE (ES) BNM NONE-97 NIS watchstander,
24 hours a day: (703) 313-5900
- GROUP HAMPTON ROADS (HR) BNM 0899-97 TO 0939-97 Also
available at the Internet Address:

- GROUP CAPE HATTERAS (CH) BNM 0264-97 TO 0270-97
 HTTP://www.navcen.uscg.mil OR: ftp://ftp.navcen.uscg.mil
- GROUP FORT MACON (FM) BNM 0569-97 TO 0590-97

NOTES: (1) Unless otherwise indicated, missing and destroyed structures are presumed to be in the

 immediate vicinity. Mariners should proceed with caution.

REFERENCES: Light List, Vol. II, Atlantic and Gulf Coasts, 1997 Edition (COMDTPUB P16502.2).

 U.S. Coast Pilot 3, Atlantic Coast: Sandy Hook to Cape Henry (33rd Edition).

 U.S. Coast Pilot 4, Atlantic Coast: Cape Henry to Key West (31st Edition).

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REPORT DEFECTS IN AIDS TO NAVIGATION TO THE NEAREST COAST GUARD UNIT

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USE OF THE LOCAL NOTICE TO MARINERS

The Monthly edition of the Local Notice to Mariners contains all information relevant to the waterways within the Fifth Coast Guard District. This Monthly edition should be retained as a reference for subsequently issued Weekly Supplements.

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I SPECIAL NOTICE

FIFTH DISTRICT LOCAL NOTICE TO MARINERS YEARLY VERIFICATION

Regulations of the Joint Committee on Printing, Congress of the United States require us to determine annually your need for this publication. Please fill out Enclosure 1 with your Printed Name at the bottom and mail it back to us. If this card is not returned before 30 November 1997 it will be assumed that the publication is no longer needed, and your name will be removed from the mailing list.

LNM 41 (CG5) 10 OCT 1997

LORAN-C TERMINATION STUDY

The 1996 Federal Radionavigation Plan calls for the termination of Loran-C operations in the year 2000. The U.S. Department of Transportation (DOT) in undertaking a congressionally mandated review of the decision to cease operations. Booz-Allen & Hamilton, Inc., has been retained to assess the technical merits of extending Loran-C service beyond the year 2000 and to conduct a cost/benefit analysis of such an action.

Booz-Allen & Hamilton is now soliciting written input from individuals and organization who were unable to attend the September Conference. A USER SURVEY FORM developed by Booz-Allen & Hamilton can be found at the NAVCEN Internet Web Site "WWW.NAVCEN.USCG.MIL/LORAN/LORAN-CU.HTM". A copy of the Form is attached as Enclosure 2 for your use. These inputs may be mailed to:

DOT LORAN-C STUDY COMMENTS
c/o Joseph R. Davis
Booz-Allen & Hamilton, Inc.
8251 Greensboro Drive
McLean, VA 22102

Telephone comments will not be accepted. E-mail comments may be forwarded to: loranc@bah.com. FAX comments may be sent to (703) 917-3023. Comments may be sent 24 hours a day. Comments are being solicited on any technical, operational or economic issue(s) associated with the proposed action. Comments should be factual, and if possible provide verifiable reference to the source of any data cited. Commentors may call (703) 902-4671 during normal business hours (8 AM - 5 PM EST) to confirm receipt. All comments should identify the originator and provide some means (mail, telephone or E-mail) to allow return contact with the originator. Commentors should identify the specific Loran-C pulse community/communities (maritime, aviation, weather, timing and synchronization, etc.) they represent, and the specific use made (type of aircraft, vessel or other platform where used, what other navigation systems are used, and typical navigation activity). In addition, comments should address safety, reliability and other system performance issues.

Inputs will be accepted until December 15, 1997; however, early submission will ensure time for the contractor and DOT to address key issues in the cost/benefit analysis and other technical reports.

NJ - INTRACOASTAL WATERWAY - GREAT EGG HARBOR INLET - Bridge Replacement

The U.S. Coast Guard has received an application for a bridge permit from the Cape May County Bridge Commission. This application proposes to replace the Ocean City-Longport Double-Leaf Bascule Bridge across Great Egg Harbor Inlet, at mile 0.3, between Ocean City and Longport, in New Jersey, with a new fixed bridge. Comments on this proposal should be forwarded to the OFFICE OF THE COMMANDER, ATLANTIC AREA (AOWB), 431 CRAWFORD STREET, PORTSMOUTH, VIRGINIA 23704-5004 through NOVEMBER 28, 1997. Copies of

PUBLIC NOTICE 5-915 which describes the proposal in detail can be obtained by writing the above address or by calling (757) 398-6629.

Chart: 12318 LNM 44 (CG5) 31 OCT 1997

NJ - STOCKTON LAKE BROOK - WATSON CREEK - Bridge Replacement

The U.S. Coast Guard had received an application for a bridge permit from T&M Associates on behalf of the board of chosen freeholders of the County of Monmouth. This application proposes to replace the Main Street Bridge across Watson Creek, at Mile 0.3, in the Borough of Manasquan, approximately 1.2 miles above the mouth of Glimmer Glass Harbor.

A public notice comment period of 15 days is being allowed in lieu of the normal 30 days since notice was given but simply omitted from the Local Notice to Mariners. Good cause exists for doing so since the applicant has provided a completed application and desires to proceed with the project as soon as possible. Comments on this proposal should be forwarded to the OFFICE OF THE COMMANDER, ATLANTIC AREA (AOWB), 431 CRAWFORD STREET, PORTSMOUTH, VIRGINIA 23704-5004 through NOVEMBER 20, 1997. Copies of PUBLIC NOTICE 5-989 which describes the proposal in detail can be obtained by writing the above address or by calling (757) 398-6629.

Chart: 12324 LNM 44 (CG5) 31 OCT 1997

NC - ATLANTIC INTRACOASTAL WATERWAY - NORTH CAROLINA CUT - Bridge Regulations

The Coast Guard is considering changing the regulations that govern the operation of the Onslow Beach Bridge across the Atlantic Intracoastal waterway, at mile 240.7, at Camp Lejeune, NC, at the request of the United States Marine Corps. The proposal would continue to provide for openings on signal, except that from 7 AM to 7 PM, the draw would only open on the hour and half hour, year-round. This proposed change is intended to reduce vehicular traffic delays while still providing for the reasonable needs of navigation. This was published in the Federal Register on October 16, 1997, as a notice of proposed rulemaking.

Written comments on this proposed rule must be submitted on or before DECEMBER 15, 1997. Comments may be mailed or hand delivered to the OFFICE OF THE COMMANDER, ATLANTIC AREA (AOWB), 431 CRAWFORD STREET, PORTSMOUTH, VIRGINIA 23704-5004. Copies of PUBLIC NOTICE 5-916 which describes the proposal in detail can be obtained by writing the above address or by calling

(757) 398-6629.

Chart: 11541 LNM 44 (CG5) 31 OCT 1997

INTENTIONAL ENCOUNTERS WITH WHALES PROHIBITED

From late fall to early spring, various species of whales, including the severely endangered right whale, may be encountered in the local offshore and inshore waters. Vessel operators are reminded to use caution around whales. Vessels are prohibited from approaching within 500 yards of a right whale. Vessels must steer a course away from the right whale and immediately leave the area. Intentional close approach to whales is prohibited and may result in a violation of federal or state law.

LNM 12(CG5) 25 MAR 1997

VA - WILLOUGHBY BAY - THIMBLE SHOALS CHANNEL - HELICOPTER AIRBORNE MINE COUNTERMEASURES OPERATIONS

Helicopter Mine Countermeasures Squadron Fourteen (HM-14) routinely conducts airborne mine countermeasures (AMCM) operations utilizing the MH-53E helicopter at low altitudes over the following inland and coastal waterways:

- Willoughby Bay
- Thimble Shoals channel from the Naval Station Norfolk piers to the Chesapeake Bay Bridge Tunnel.
- An area of the Chesapeake Bay, adjacent to the Thimble Shoals channel from Thimble Shoals to the Chesapeake Bay bridge tunnel extending to the north four miles to form a four by seven mile rectangle.

During these operations, the aircraft will be operating at altitudes as low as seventy five feet and will produce localized winds in excess of 125 miles per hour. Rotor wash produced winds pose a considerable hazard to vessel, especially sailing vessels. The devices the helicopters tow range in size and appearance from a large orange and white sled approximately the size of a pick up truck to slightly submerged steel pipes thirty feet in length, both of which have submerged cable extending well beyond the visible portion of the towed device. The Aircraft Commanders have been directed to exercise every effort to conflict and avoid surface vessels.

All mariners are requested to remain well clear of the helicopters, the towed devices, and the area extending directly behind the aircraft for four hundred yards. Do not approach or cross the area directly behind the towed device as a submerged hazard exists regardless of whether the device is in motion or stationary.

AVAILABILITY OF NAUTICAL CHART CORRECTION SUMMARIES

Summaries of chart corrections are currently available summarizing corrections previously published in the Coast Guard Local Notice to Mariners. Ask by chart number for summaries available for charts having been published since LNM 34/90 THRU 44/97. As a general rule, all charts having been published referencing North American Datum 1983 are included in this time frame. These summaries only contain corrections published in the Coast Guard Local Notice to Mariners for the Fifth Coast

Guard District. To receive chart summaries write/phone the address/phone number on the cover of this Local Notice.

AVAILABILITY OF LIGHT LIST CORRECTION SUMMARIES

A summary of corrections to the Light List, Vol. II, Atlantic and Gulf Coasts, 1997 Edition (COMDTPUB P16502.2) is currently available summarizing corrections previously published in the Coast Guard Local Notice to Mariners. To receive the Light List summary write/phone the address/phone number on the cover of this Local Notice.

LATEST EDITIONS FOR NAUTICAL CHARTS AND PRICE GUIDE

The Dates of Latest Editions, Nautical Charts and Miscellaneous Maps, dated July 1, 1997, published by the National Ocean Service, is available for issue. It may be obtained free from the Distribution Division, N/ACC3, National Ocean Service, 6501 Lafayette Avenue, Riverdale, MD 20737-1199. This is a quarterly publication listing the most recent editions of nautical charts, bathymetric maps, miscellaneous maps and publications relating to navigation, weather, etc. with brief descriptions and prices of each.

LNM 26 (CG5) 01 July 1997

NATIONAL OCEAN SERVICE - CHARTS, PUBLICATIONS, AND TABLES

Sales agents for Charts and Coast Pilots of the National Ocean Service are located in many U. S. ports and in some foreign ports. A list of authorized sales agents and chart catalogs is available free upon request from National Ocean Service, Distribution Division (N/ACC3), 6501 Lafayette Avenue, Riverdale, Maryland 20737.

LNM 01 (CG5) 02 January 1990

1997 TIDE TABLES, TIDAL CURRENT TABLES

National Ocean Service is no longer printing or distributing the Tide Table and Tidal Current Tables. As of this date, two publishing firms are printing complete 1997 East and West Coast Tide and Tidal Current Predictions for U. S. ports and coastal areas.

Tide and Current Tables for 1997 are being printed by the International Marine Division of the McGraw-Hill Companies from original NOS manuscripts. Tide and Current Tables for 1997 are also being printed by Thomas Reed Publications in Reed's traditional format from original NOS data files. These products may be obtained in local stores that carry these products or directly from the publishing firms. For International Marine, call 1-800-822-8158. For Thomas Reed, call 1-800-995-4995.

NATIONAL TRANSPORTATION SAFETY BOARD ON GPS

The National Transportation Safety Board (NTSB) has issued an Urgent Class I Recommendation to the U.S. Coast Guard following the grounding of a cruise ship. The recommendation included a request to advise mariners of the possible safety

problems associated with Global Positioning System (GPS) receivers which automatically revert to dead reckoning (DR) tracking when satellite fixes are not received for a period of time.

In the case prompting this advisory, it is believed a cruise ship ran aground due to an antenna failure resulting in the loss of satellite

signals. This reverted the GPS to use positions based on DR tracking as input to the autopilot. Alarms indicating the receiver was in the DR mode were not heard nor detected visually, which led to a course error of 14 nautical miles. This casualty was preventable by personnel.

Vessel operators are advised of this circumstance and are urged to review the design of their bridge systems to identify potential system and operational failure modes that might result in undetected changes to the autopilot function and develop modifications as required. Additionally, bridge officers are reminded not to rely on any single aid to navigation, but to use all navigation resources at hand.

RADIO CHECKS ON CHANNEL 16 (156.8 MHZ)

As of 25 January 1985, Federal Communications Commission (FCC) Report and Order 84-478 prohibits routine radio checks with the Coast Guard on Channel 16 (156.8MHZ). "FCC regulations prohibit radio checks with the Coast Guard on Channel 16 (156.8MHZ), except when conducted by FCC representatives, qualified radio technicians installing or repairing equipment, or when requested by the Coast Guard."

LNM 01 (CG5) 02 January 1990

CAUTION TO BE USED IN RELIANCE UPON AIDS TO NAVIGATION

The aids to navigation depicted on charts comprise a system of fixed and floating aids with varying degrees of reliability. Therefore, prudent mariners will not rely solely on any single aid to navigation, particularly a floating aid. With respect to buoys, the buoy symbol is used to indicate the approximate position of the buoy body and the sinker which secures the buoy to the seabed. The approximate position is used because of practical limitations in positioning and maintaining buoys and their sinkers in precise geographical locations. These limitations include, but are not limited to, inherent imprecisions in position fixing methods, prevailing atmospheric and sea conditions, the slope of and the material making up the seabed, the fact that buoys are moored to sinkers by varying lengths of chain, and the fact that buoy body and/or sinker positions are not under continuous surveillance but are normally checked only during periodic maintenance visits which often occur more than a year apart. The position of the buoy body can be expected to shift inside and outside the charting symbol due to the forces of nature. The mariner is also cautioned that buoys are liable to be carried away, shifted, capsized, sunk, etc. Lighted buoys may be extinguished or sound signals may not function as the result of ice, running ice or other natural causes, collisions, or other accidents. For the foregoing reasons, a prudent mariner must not rely completely upon the position or operation of floating aids to navigation, but will also utilize bearings from

fixed objects and aids to navigation on shore. Further, a vessel attempting to pass close aboard always risks collision with a yawing buoy or with the obstruction the buoy marks.

LNM 01 (CG5) 02 January 1990

BRIDGE-TO-BRIDGE RADIOTELEPHONE PROCEDURES

Federal Regulations regarding the Bridge-to-Bridge Radiotelephone Act are issued in Title 33, Code of Federal Regulations (CFR), Part 26 and 47 CFR, Articles 83.251 and 893.701. Briefly, these regulations provide that all vessels: 1) 300 gross tons and over, 2) 100 gross tons and over carrying passengers for hire, or 3) 26 feet in length or more engaged in towing, must maintain a continuous watch on VHF-FM Channel 13 (156.650 MHz) for exchange of navigational safety information such as in passing situations. Vessels required to have Channel 13 must guard this channel full time while upon those waters governed by the navigation rules for harbors, rivers and inland waters. The use of Bridge-to-Bridge radiotelephone contributes significantly to navigation safety. Communications on Channel 13 relating to matters other than safety of navigation are prohibited and violators are subject to being cited and possibly fined. Use it, but use it properly.

LNM 01 (CG5) 02 January 1990

BRIDGE-TO-BRIDGE RADIOTELEPHONE LISTENING WATCH

VHF radio equipment used to meet the U.S. Bridge -to-Bridge Radiotelephone Act requirement for maintaining a listening watch on the intership navigation channel 13 (channel 67 in lower Mississippi River), must be capable of a continuous, uninterrupted watch. Any radio equipment capable of disrupting the channel 13/67 watch by a distress call on channel 16 or a distress call on the Global Maritime Distress & Safety System digital selective calling channel 780, should either not be used or have the disruption feature disabled. For further questions contact F. L. Parker (202) 267-0358.

DISCREPANCY REPORTS OF THE MARINE DIFFERENTIAL GLOBAL POSITIONING SYSTEM (DGPS)

The U. S. Coast Guard is in the Initial Operational Capability (IOC) Phase of the Marine Differential GPS Service. During IOC, the DGPS Service is available for positioning and navigation. However, users are always cautioned to use all available navigational tools to ensure proper evaluation of positioning solution . During this IOC Phase, system, validation tests are being conducted, procurement and installation of the next generation of transmitters are being pursued, the control station software is being upgraded, and other problem identified during the pre-operational and IOC Phases are being resolved.

To facilitate the evaluation and development of the final DGPS Service, Reports of DGPS discrepancies are highly beneficial. To ensure timely and complete information, user discrepancy reports are required in the following format:

DGPS USER DISCREPANCY REPORT

DATE:

REPORTING SOURCE:

REPORTING SOURCE PHONE NUMBER (DAY/NIGHT):

REPORTING SOURCE POSITION: N/S W/E

GENERAL GEOGRAPHIC LOCATION:

DATE/TIME OF EVENT:

DURATION OF THE OCCURRENCE:

REPORTING SOURCE ACTIVITY:

ENVIRONMENTAL CONDITIONS (WX):

BEARING AND RANGE TO ELECTRICAL STORM: T/ NM

DGPS BROADCAST SITE IN USE:

TYPE OF DGPS RECEIVER USED:

PROBLEM DGPS RECEIVER INDICATED:

OTHER RECEIVER INDICATIONS:

DGPS BEACON SIGNAL STRENGTH OBSERVED:

DGPS BEACON SIGNAL TO NOISE RATIO OBSERVED:

USER DGPS RECEIVER OPERATES CORRECTLY WITH OTHER DGPS SITE(S):
Y/N

DOES RECEIVER FUNCTION PROPERLY IN GPS MODE OF OPERATION

COMMENTS:

THIS INFORMATION CAN BE SENT THE FOLLOWING WAYS:

VIA MAIL TO:

COMMANDING OFFICER/NIS

7323 TELEGRAPH RD
ALEXANDRIA, VA 22315-3998

VIA MESSAGE TO:

COGARD NAVCEN ALEXANDRIA VA//NIS//

VIA FAX:

(703) 313-5920

VIA INTERNET

E-MAIL TO: NISWS@SMTP.NAVCEN.USCG.MIL

OR BY CALLING THE NIS WATCHSTANDER AT:

(703) 313-5900

For current status of DGPS Broadcast Sites or if you require additional information contact the NIS Watchstander at (703) 313-5900. The NIS Computer Bulletin Board may be accessed at (703) 313-5910 (300-14400BPS), Communication parameters are 8 DATA BITS, 1 STOP BIT AND NO PARITY. Internet WWW.NAVEN.USCG.MIL.

LNM 09 (CG5) 04 March 1997

PRIVATE AIDS TO NAVIGATION

Authority: Title 33, Code of Federal Regulations, Part 66

Coast Guard Approval: No person, public body, or instrumentality not under the control of the Coast Guard, exclusive of the Armed Forces, shall establish, erect, or maintain in the navigable waters of the United States any aid to maritime navigation, without first obtaining permission to do so from the Coast Guard, nor shall any person, public body, or instrumentality change, move, discontinue or transfer ownership of any private aid to navigation so authorized without first obtaining permission to do so from the Coast Guard. Private aids to navigation shall be maintained in proper operating condition, and are subject to Coast Guard inspection at any time without prior notice.

Application Procedures: Application to establish and maintain Private aids to navigation shall be made to the Commander, Fifth Coast Guard District (oan). Application forms (CG-2554) will be provided upon request. The applicant will complete all appropriate parts of the form and return it to the District Commander.

Corps of Engineers Approval: Before any private aid to navigation consisting of a fixed structure, or buoy for any purpose, is placed in the navigable waters of the United States, authorization to erect such a structure or establish such a buoy shall also be obtained from the District Engineer, U.S. Army Corps of Engineers in whose district the aid will be located. Cautionary Note: Prior to the placement of any structures in the waterway to support an aid to navigation, local authorities should be contacted to ensure their requirements are met.

Protection of Private Aids: Private aids to navigation lawfully maintained are entitled to the same protection against interference or obstruction as is afforded by law to Coast Guard aids to navigation. If interference or obstruction occurs, a prompt report containing all the evidence available should be made to the Fifth Coast Guard District, and any person obstructing or interfering with an authorized private aid to navigation shall be deemed guilty of a misdemeanor and shall be subject to a fine not exceeding the sum of \$500 for each offense (33 CFR 70.01).

LNM 01 (CG5) 02 January 1990

DGPS INFORMATION

The GLOBAL POSITIONING SYSTEM has reached initial operational capability. What this means to the GPS user is discussed in U.S. FEDERAL REGISTER DOCUMENT 94-6873, VOL 59, # 56. For further information, GPS users are encouraged to contact the GPS INFORMATION CENTER at 703 313-5900 24 hours daily or the computer bulletin board service at 703 313-5910. GPS status as of March 31, 1994. The GPS constellation consist of 26 satellites. Current status of DGPS broadcasts may be obtained from the Coast Guard GPS Information Center (GPSIC) at (703)€313€5900.

LNM 15 (CG5) 12 April 1994

MARYLAND - VIRGINIA - NORTH CAROLINA - MARINE INFORMATION AND COASTAL WEATHER BROADCASTS

The Fifth Coast Guard District stations listed below announce all Broadcast Notice to Mariners (initial call-up) on 2182 KHZ (SSB) and/or 156.8 MHZ (channel 16 VHF-FM) and shift to 2670 KHZ (SSB) and/or 157.1 (channel 22 VHF-FM) where the complete broadcast text is read. These stations broadcast marine information and weather information upon receipt and on the following listed times and frequencies.

| Station To Mariners | Frequency | Time (in GMT) | Weather | Notice |
|--|--------------------------|---------------|--------------|-----------|
| Coast Guard Group yes | Ch 22 | 2303 | 1103 | yes |
| Cape May yes | 2671.4(2670)khz | 2303 | 1103 | yes |
| Coast Guard Group yes Philadelphia | Ch 22 | 0035 | 1235 | no |
| Coast Guard Group yes Baltimore | Ch 22 | 0130 | 1205 | no |
| Coast Guard Group yes Eastern Shore yes | Ch 22 2671.4(2670)khz | 0200 0233 | 1145 1403 | no yes |
| Coast Guard Group yes | Ch 22 | 0230 | 1120 | no |

| | | | | |
|--------------------------|-----------------|------|------|-----|
| Hampton Roads yes | 2671.4(2670)khz | 0203 | 1333 | yes |
| Coast Guard Group yes | Ch 22 | 0100 | 1055 | no |
| Cape Hatteras yes | 2671.4(2670)khz | 0133 | 1303 | yes |
| Coast Guard Group yes | Ch 22 | 0130 | 1030 | no |
| Fort Macon yes | 2671.4(2670)khz | 0103 | 1233 | yes |
| Coast Guard yes | 448 khz | 0020 | 1520 | yes |
| CAMSLANT yes | 518 NAVTEX "N" | 0130 | 0730 | yes |
| | 1330 1930 | | | |
| | 4426.0/6501.0/ | 0400 | 0530 | yes |
| no | | | | |
| | 8764.0 | 1000 | | |
| Chesapeake no | 6501.0/8764.0/ | 1130 | 1600 | yes |
| (NMN) | 13089.0 | 2200 | 2330 | |
| | 8764.0/13089.0/ | 1730 | | yes |
| 17314.0 | | | | no |

Mariners are invited to forward their comments on the performance of the Local Notice to Mariners Broadcast System to

Commander (oan)
Fifth Coast Guard District
Federal Bldg., 431 Crawford St.
Portsmouth, Virginia 23704-5004

with special reference to the following:

- A. Subject matter
- B. Readability of Broadcast
- C. Schedule of Broadcast
- D. Availability at Ports, Marinas, Yacht Clubs, etc.

LNM 43 (CG5) 22 OCTOBER 1991

NC - DUCK ISLAND OCEANOGRAPHIC MOORINGS

The Department of Oceanography at the Naval Postgraduate School will be conducting an experiment of Duck Island, NC that will involve the deployment of 14 oceanographic

mooring buoys approximately 3 nautical miles offshore in about 65 feet of water. The moorings are to be deployed in an approximate triangular configuration about 1600 feet on each side.

These moorings will be deployed from the R/V CAPE HATTERAS on July 18, 1997 and will remain in place until December 10, 1997. There will be three different types of moorings deployed. They are:

1. Wavebuoy mooring: This mooring is designated as W0. The surface expression of this mooring consists of an approximately 3 foot diameter steel yellow sphere with a whip antenna on top. It is lit at night with a flashing yellow light.
2. Pressure sensor moorings: These moorings are designated as P1-P9. Each of these nine moorings consists of a double railroad wheel anchor in which the sensor is mounted, a 12" diameter unlighted orange spherical buoy on the surface and polypropylene connecting the anchor to the buoy
3. Guard moorings: These moorings are designated as G10-G13. These moorings will be deployed at four locations around the perimeter of the pressure sensor moorings. On the surface, they each consist of a 2.5 foot diameter yellow steel sphere with a 6 foot spar sticking out of the top. The spar contains a simple radar reflector and a blinking yellow light.

The buoys will be placed in the following approximate positions:

| SITE | Latitude (d m s N) | Longitude (d m s W) | SITE | Latitude (d m s N) | Longitude (d m s W) |
|------|-----------------------|------------------------|--------------|-----------------------|--------------------------------|
| W0 | 36 12 05 | 75 41 50 | showing FI Y | P1 | 36 12 01 75 42 03 |
| P2 | 36 12 02 | 75 42 02 | P3 | 36 12 03 | 75 42 01 |
| P4 | 36 12 07 | 75 41 58 | P5 | 36 12 14 | 75 41 50 |
| P6 | 36 11 59 | 75 41 43 | P7 | 36 12 00 | 75 41 55 |
| P8 | 36 12 01 | 75 42 00 | P9 | 36 12 01 | 75 42 02 |
| G10 | 36 12 04 | 75 42 06 | showing FI Y | G11 | 36 12 16 75 41 51 showing FI Y |
| G12 | 36 11 58 | 75 41 55 | showing FI Y | G13 | 36 11 57 75 41 42 showing FI Y |

Inquiries about the moorings can be made to:

| Contact | dates | Phone number |
|--------------|--------------|--|
| Paul Jessen | until 6/25 | (408) 656-2974 |
| Tom Herbers | 6/25 - 7/16 | (408) 656-2917 |
| Paul Jessen | 7/16 - 12/11 | (919) 261-3511 or (919) 261-8960 or (408) 656-2974 |
| Chart: 12204 | | LNM 27 (CG5) 08 JUL 1997 |

// DISCREPANCIES

The following is a summary of uncorrected discrepancies in aids to navigation as of 8:00 A.M., 30 October 1997. Discrepancies will be corrected as soon as possible, and printed in the discrepancy list each week until corrected. All aids are listed in Coast Guard Light List, Volume II, 1997 (COMDTPUB P16502.2)

| LNR | Name of Aid | Status | Chart affected | BNM Ref. | LNLM Ref. |
|----------|-------------------------------|--------|----------------|----------|-----------|
| 00620.00 | WIMBLE SHL LB 10 | | OFF STATION | | |
| 12200 | 0489FM 37/97 | | | | |
| 00690.00 | CAPE LOOKOUT SHLS LBB 4 | | MISSING | | 11544 |
| NONEFM | 41/97 | | | | |
| 00740.00 | CAMP LEJEUNE DANGER ZONE LB A | | EXT | | |
| 11543 | 0303FM 31/97 | | | | |
| 00745.00 | CAMP LEJEUNE DANGER ZONE LB B | | MISSING | | |
| 11543 | 0455FM 33/97 | | | | |
| 00755.00 | CAMP LEJEUNE DANGER ZONE LB D | | EXT | | |
| 11543 | NONEFM 31/97 | | | | |
| 00760.00 | CAMP LEJEUNE DANGER ZONE LB E | | EXT | | |
| 11543 | 0415FM 31/97 | | | | |
| 00765.00 | CAMP LEJEUNE DANGER ZONE LB F | | OFF STA | | |
| 11543 | NONEFM 31/97 | | | | |
| 00770.00 | CAMP LEJEUNE DANGER ZONE LB G | | OFF STA | | |
| 11520 | NONEFM 31/97 | | | | |
| 00775.00 | CAMP LEJEUNE DANGER ZONE LB H | | MISSING | | |
| 11542 | NONEFM 31/97 | | | | |
| 00835.00 | FRYING PAN SHL LT | | DIM | | 11520 |
| 0559FM | 42/97 | | | | |
| 00835.00 | FRYING PAN SHL LT | | LT DIM | | 11520 |
| NONEFM | 43/97 | | | | |
| 01040.00 | BARNEGAT IN B 29 | | BUOYSINK | | |
| 12323 | 0358CM 36/97 | | | | |
| 01105.00 | LITTLE EGG IN BY A | | OFF STA | | 12318 |
| 0250CM | 29/97 | | | | |
| 01110.00 | LITTLE EGG IN BY B | | OFF STA | | 12318 |
| 0394CM | 40/97 | | | | |
| 01120.00 | LITTLE EGG IN LB D | | EXT | | 12318 |
| 0251CM | 29/97 | | | | |
| 01275.00 | GREAT EGG HBR IN LB 2 | | MISSING | | 12318 |
| 0390CM | 40/97 | | | | |
| 01290.00 | GREAT EGG HBR IN LB GH | | OFF STA | | |
| 12318 | 0426CM 43/97 | | | | |

| | | | |
|----------|-----------------------------------|---------------|--------------|
| 01685.00 | DEADMAN SHL LB 1DS | EXT | 12304 |
| 0221FM | 26/97 | | |
| 02110.00 | REHOBOTH BAY CH BY 7 | MISSING | 12216 |
| 0199CM | 23/97 | | |
| 03400.00 | MANTUA CK ANCH B C | OFF STA | |
| 12312 | 0357PA 42/97 | | |
| 04790.00 | ISLE OF WIGHT BAY LT 3 | EXT | 12211 |
| 0159ES | 40/97 | | |
| 04845.00 | ISLE OF WIGHT BAY DBN 7A | TRUB | 12211 |
| 0145ES | 35/97 | | |
| 05000.00 | SINEPUXENT BAY DBN 2 | TRUB | 12211 |
| 0088ES | 22/97 | | |
| 05120.00 | SINEPUXENT BAY CH BY 29 | MISSING | 12211 |
| 0182ES | 44/97 | | |
| 05130.00 | SINEPUXENT BAY CH BY 33 | MISSING | 12211 |
| 0183ES | 44/97 | | |
| 05300.00 | CHINCOTEAGUE IN LB 6 | LT EXT | 12211 |
| 0185ES | 44/97 | | |
| 05326.00 | CHINCOTEAGUE CHAN DBN 12A | TRLB | |
| 12211 | 0139ES 34/97 | | |
| 05385.00 | CHINCOTEAGUE CH LT 25 | LT DIM | 12211 |
| 0186ES | 44/97 | | |
| 05405.00 | CHINCOTEAGUE CH DBN 30 | DBN DEST | |
| 12210 | 0082ES 21/97 | | |
| 05760.00 | VA INSIDE PASSAGE DBN 50 | TRUB/DEST | |
| 12210 | 0089ES 23/97 | | |
| 06095.00 | VA INSIDE PASSAGE DBN 149 | TRUB | 12210 |
| 0102ES | 24/97 | | |
| 06257.00 | VIRGINIA INSIDE PASSAGE DBN 193A | DBN DEST | |
| 12210 | 0719ES 28/97 | | |
| 295.00 | RAPPAHANNOCK SH CH SOUTH RR | | |
| LT | EXT | 12225 | 0833HR 39/97 |
| 07355.00 | RAPPAHANNOCK SHL CH LT TIDE GAUGE | DBN DEST | |
| 12226 | 0205HR 11/97 | | |
| 08000.00 | CRAIGHILL CH ENT RR LT | LT EXT | 12278 |
| 0647BA | 44/97 | | |
| 08547.00 | UP CHESAPEAKE CH LB 31A | DIM | 12273 |
| 0379BA | 26/97 | | |
| 09200.00 | BACK CK CH LB 32 | LT EXT/OSPREY | 12274 |
| 0275BA | 19/97 | | |
| 09355.00 | NAVAL ORDNANCE LB P | LT IMCH | 12245 |
| 0501HR | 24/97 | | |
| 10620.00 | NAVAL BOAT CH DBN 3 | TRUB | 12245 |
| 0412HR | 22/97 | | |
| 11645.00 | JAMES RIV CH LT 12 | DIM | 12248 |
| 0886HR | 42/97 | | |

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|----------|------------------------------------|-------|---------------|-------|
| 11655.00 | JAMES RIV CH LT 15 | | DBN DEST | |
| 12248 | 0684HR | 32/97 | | |
| 11845.00 | SKIFFES CK CH DBN 4 | | DBN DEST | |
| 12248 | 0540HR | 26/97 | | |
| 12180.00 | CHICKAHOMINY RIV DBN 19 | | DBN DEST | |
| 12251 | 0747HR | 27/96 | | |
| 12635.00 | JAMES RIV LT 132 | | EXT | 12251 |
| 0674HR | 31/97 | | | |
| 12705.00 | JAMES RIV LT 151 | | LT EXT | 12251 |
| 0449HR | 23/97 | | | |
| 14080.00 | NEW PT COMFORT SPIT LT 4 | | DBN DMGD | |
| 12220 | 0541HR | 26/97 | | |
| 14460.00 | HORN HBR DBN 4 | | TRUB | 12221 |
| 0848HR | 39/97 | | | |
| 14535.00 | WINTER HBR CH LT 3 | | MISSING | 12233 |
| 0934HR | 44/97 | | | |
| 14545.00 | WINTER HBR CH DBN 4A | | OFF STA | |
| 12238 | 0934HR | 44/97 | | |
| 15210.00 | WHITING CK B 3 | | OFF STA | 12235 |
| 0824HR | 38/97 | | | |
| 16185.00 | GREAT WICOMICO RIV WARN B | | OFF STA | |
| 12235 | 0899HR | 42/97 | | |
| 16370.00 | LITTLE WICOMICO RIV DBN 5 | | EXT | 12233 |
| 0857HR | 40/97 | | | |
| 16835.00 | SOUTH YEOCOMICO RIV DBN 4 | | TRUB | |
| 12233 | 0557BA | 37/97 | | |
| 17070.00 | BRETON BAY LT 5 | | TRLB | 12286 |
| NONEES | 33/97 | | | |
| 17120.00 | ST PATRICK CK CH DBN 3 | | TRUB/DEST | |
| 12286 | 0228BA | 16/97 | | |
| 17125.00 | ST PATRICK CK CH DBN 3A | | DBN DMGD | |
| 12286 | 0563BA | 38/97 | | |
| 17210.00 | DUKEHARTS CH DBN 10 | | TRUB | 12286 |
| 0812BA | 29/96 | | | |
| 17220.00 | ST CATHERINE SD LWR ENT DBN 2L | | TRUB | |
| 12286 | NONEBA | 33/97 | | |
| 17225.00 | ST CATHERINE SD LWR ENT DBN 3L | | TRUB | |
| 12286 | 0420BA | 10/96 | | |
| 17235.00 | ST CATHERINE SD LWR ENT DBN 6L | | DBN DEST | |
| 12286 | NONEBA | 10/97 | | |
| 17245.00 | ST CATHERINE SD LWR ENT DBN 9L | | DBN DEST | |
| 12286 | NONEBA | 10/97 | | |
| 17320.00 | WICOMICO RIVER LT 9W (POTOMAC RIV) | | TRLB/DBN DEST | |
| 12286 | 0182BA | 11/97 | | |

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| 17400.00 | NEALE SOUND CH LT 2 | TRLB | 12286 |
| NONEBA | 41/97 | | |
| 17400.00 | NEALE SOUND CH LT 2 | TRLB | 12286 |
| NONEBA | 33/97 | | |
| 17665.00 | DAHLGREN CH DBN 8 | TRUB | 12286 |
| 0470BA | 30/97 | | |
| 17770.00 | PORT TOBACCO RIV LT 1 | TRUB | 12288 |
| 0539BA | 36/97 | | |
| 17875.00 | RIVERSIDE WARN DBN | TRUB | 12288 |
| 0586BA | 39/97 | | |
| 17935.00 | POTOMAC CK DBN 6 | DBN DMGD/TRUB | |
| 12288 | 0640BA 43/97 | | |
| 18685.00 | FOUR MILE RUN DBN 6 | TRUB/HAZ-TO-NAV | |
| 12289 | NONEBA 14/97 | | |
| 18805.00 | ST JEROME CK DBN 3 | DBN DEST | |
| 12233 | NONEES 07/97 | | |
| 19155.00 | PATUXENT RIV DBN 15 | DBN DMGD | |
| 12264 | NONEES 07/97 | | |
| 20905.00 | CURTIS BAY CH LB 8 | LT EXT | 12278 |
| 0648BA | 44/97 | | |
| 21810.00 | NANDUA CK CH DBN 13 | TRUB | 12226 |
| 0611HR | 23/96 | | |
| 22520.00 | POCOMOKE RIV CH B 4 | TRUB | 12228 |
| 0474BA | 30/97 | | |
| 23005.00 | RHODES PT GUT CH DBN 5 | TRUB | 12231 |
| 0280ES | 33/94 | | |
| 23010.00 | RHODES PT GUT CH DBN 7 | TRUB | 12231 |
| 0280ES | 33/94 | | |
| 23070.00 | BIG THOROFARE CH DBN 19 | TRUB | 12231 |
| 0577BA | 38/97 | | |
| 23830.00 | WICOMICO RIV CH LT 25 | TRUB | 12261 |
| 0155ES | 40/97 | | |
| 23950.00 | WICOMICO RIV CH LT 53 | DBN DMGD | |
| 12261 | NONEBA 33/97 | | |
| 23990.00 | NANTICOKE CUT LT 3 | TRUB | 12261 |
| 0363BA | 26/97 | | |
| 24085.00 | NANTICOKE RIV DBN 16 | TRUB | 12230 |
| 0582BA | 38/97 | | |
| 24550.00 | HONGA RIV CH LT 17 | TRUB | 12261 |
| NONEBA | 08/97 | | |
| 24805.00 | TRIPPE BAY B 4 | OFF STA | 12266 |
| 0378BA | 26/97 | | |
| 25430.00 | TRED AVON RIV LT 4 | LT EXT | 12266 |
| 0198BA | 13/97 | | |

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|----------|-------------------------------|----------|----------------------|-------|
| 25470.00 | TRED AVON RIV LT 13 | | DBN DMGD | |
| 12266 | 0602BA 40/97 | | | |
| 25555.00 | BALLS CK DBN 4 | DBN IMCH | | 12266 |
| 0545BA | 36/97 | | | |
| 26190.00 | ST MICHAELS HBR DBN 3 | | DBN DMGD | |
| 12270 | NONEBA 10/97 | | | |
| 26820.00 | CHESTER RIV CH LT 41 | | EXT | 12272 |
| 0520BA | 35/97 | | | |
| 27215.00 | GUNPOWDER RIV LT 11 | | EXT | 12274 |
| NONEBA | 28/97 | | | |
| 27405.00 | FAIRLEE CK LB 2 | OFF STA | | 12278 |
| NONEBA | 10/97 | | | |
| 27525.00 | ABERDEEN PROVING GR ENT RF LT | | LT EXT | |
| 12274 | NONEPRIV 11/96 | | | |
| 27530.00 | ABERDEEN PROVING GR ENT RR LT | | LT EXT | |
| 12274 | NONEPRIV 11/96 | 27995.00 | OREGON INLET CH LB 5 | |
| | OFF STA | 12204 | 0264CH 43/97 | |
| 28007.00 | OREGON IN LB 8 | | EXT | 12204 |
| 0257CH | 42/97 | | | |
| 28060.00 | OREGON IN B 18 | MISSING | | 12204 |
| NONECH | 44/97 | | | |
| 28105.00 | OREGON IN CH LT 31 | | TRLB | 12204 |
| 0216CH | 34/97 | | | |
| 28190.00 | OREGON IN CH DBN 53 | | TRUB | 12204 |
| 0221CH | 35/97 | | | |
| 28220.00 | OLD HOUSE CH LT 6 | | MISSING/TRLB | |
| 12205 | 0265CH 43/97 | | | |
| 28230.00 | OLD HOUSE CH LT 8 | | TRLB | 12205 |
| 0240CH | 40/97 | | | |
| 28260.00 | OLD HOUSE CH LT 14 | | TRLB | 12205 |
| 0251CH | 42/97 | | | |
| 28330.00 | WALTER SLOUGH LT 7 | | DBN DEST | |
| 12205 | 0077CH 08/96 | | | |
| 28575.00 | ROANOKE SOUND CH DBN 32 | | DBN DMGD | |
| 12205 | NONECH 48/96 | | | |
| 28905.00 | OCRACOKE IN LB 2 | | MISSING | 11550 |
| 0106CH | 12/97 | | | |
| 28920.00 | OCRACOKE IN LB 6 | | LT EXT | 11550 |
| 0267CH | 43/97 | | | |
| 29015.00 | SILVER LAKE ENT LT 7 | | DBN DEST | |
| 11550 | 0259CH 42/97 | | | |
| 29015.00 | SILVER LAKE ENT LT 7 | | TRLB | 11550 |
| NONECH | 43/97 | | | |
| 29070.00 | BIG FOOT SLOUGH CH DBN 11 | | TRUB | |
| 11550 | 0234CH 39/97 | | | |

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| 29725.00 | NEW RIV IN B 11 | OFF STA | 11542 |
| 0535FM | 40/97 | | |
| 29745.00 | NEW RIV CH DBN 15 | TRUB | 11542 |
| 0280FM | 22/97 | | |
| 29825.00 | NEW RIV CH LT 28A | EXT | 11542 |
| 0516FM | 39/97 | | |
| 29835.00 | NEW RIV CH LT 31 | TRLB | 11542 |
| 0537FM | 40/97 | | |
| 29985.00 | NEW TOPSAIL IN B 2 | OFF STA | |
| 11541 | 0306FM 24/97 | | |
| 29995.00 | NEW TOPSAIL IN B 3 | MISSING | 11541 |
| NONEFM | 32/97 | | |
| 30000.00 | NEW TOPSAIL IN B 4 | MISSING | 11541 |
| 0419FM | 31/97 | | |
| 30142.50 | OLD TOPSAIL CRK B 6 | OFF STA | |
| 11541 | 0562FM 42/97 | | |
| 30230.00 | WRIGHTSVILLE CH DBN 18 | TRUB | 11541 |
| 0410FM | 30/97 | | |
| 30250.00 | WRIGHTSVILLE CH DBN 24 | TRUB | 11541 |
| 0407FM | 34/97 | | |
| 30325.00 | CAPE FEAR RIV CH LB 5 | OFF STA | |
| 11537 | NONEFM 31/97 | | |
| 30565.00 | SUNNY PT TERM LB 1 | OFF STA | |
| 11537 | 0583FM 43/97 | | |
| 30570.00 | SUNNY PT TERM LB 2 | OFF STA | |
| 11537 | 0583FM 43/97 | | |
| 30590.00 | SUNNY PT TERM JCT LT | TRLB/DEST | |
| 11537 | 0028FM 03/97 | | |
| 31490.00 | ALBEMARLE SOUND WARN DBN A | MISSING | |
| 12205 | 0256CH 42/97 | | |
| 31496.00 | ALBEMARLE SOUND WARN DBN G | MISSING | |
| 12205 | 0244CH 41/97 | | |
| 31497.00 | ALBEMARLE SOUND WARN DBN H | MISSING | |
| 12205 | 0244CH 41/97 | | |
| 31830.00 | CHOWAN RIV DBN 14 | TRUB | 12205 |
| NONECH | 37/97 | | |
| 32070.00 | LONG SHOAL LT LS | DBN DEST | |
| 11555 | 0556FM 48/96 | | |
| 32085.00 | STUMPY PT TARGET WARN LT W | EXT | |
| 12205 | 0258CH 42/97 | | |
| 32150.00 | WY SOCKING BAY ENT DBN 2 | TRUB | 11555 |
| 0177HA | 26/97 | | |
| 32495.00 | BRANT IS WARN LT A | TRUB | 11548 |
| NONEFM | 39/97 | | |

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| 32845.00 | WILLOW PT SHL LT | LT EXT | 11548 |
| 0209FM | 18/97 | | |
| 33395.00 | BAY PT LT | TRLB | 11554 |
| 0549FM | 41/97 | | |
| 33625.00 | NEUSE RIV LT 6 | TRUB | 11548 |
| NONEFM | 39/97 | | |
| 34025.00 | NEUSE RIV CH DBN 29 | TRUB | 11552 |
| NONEFM | 39/96 | | |
| 34040.00 | NEUSE RIV CH DBN 34 | TRUB/DEST | |
| 11552 | 0229FM 19/97 | | |
| 34150.00 | NEUSE RIV DBN 51B | TRUB | 11552 |
| NONEFM | 39/97 | | |
| 34230.00 | NEUSE RIV DBN 74 | LT IMCH | 11552 |
| 0505FM | 38/97 | | |
| 34320.00 | HARBOR IS WARN LT | TRLB | 11550 |
| NONEFM | 44/97 | | |
| 34360.00 | CORE SOUND CH LT 7 | EXT | 11550 |
| 0246CH | 42/97 | | |
| 34490.00 | ATLANTIC ENT LT | EXT | 11545 |
| 0550FM | 41/97 | | |
| 34610.00 | DAVIS CH LT 1 | LT EXT | 12238 |
| 0486FM | 36/97 | | |
| 34932.00 | MANASQUAN IN S BKW LT 3 | EXT | 12300 |
| 0291CM | 33/97 | | |
| 35480.00 | NEW JERSEY ICW LT 120 | TRLB | 12316 |
| 0023CM | 08/95 | | |
| 35840.00 | NEW JERSEY ICW LT 211 | FS INOP | 12316 |
| 0355CM | 36/97 | | |
| 36025.00 | NEW JERSEY ICW DBN 268 | TRUB | 12316 |
| 0374CM | 37/97 | | |
| 36790.00 | CAPE MAY CANAL W ENT N JTY LT 11 | FS IMCH/FS INOP | |
| 12316 | NONECM 30/97 | | |
| 37010.00 | COAST GUARD BASE DBN 1 | DBN DEST | |
| 12206 | NONECH 07/97 | | |
| 37115.00 | SOUTHERN BRANCH DBN 41 | DBN DMGD | |
| 12206 | 0939HR 44/97 | | |
| 37350.00 | G BRIDGE ALBEMARLE SD LT 32 | TRLB | |
| 12206 | 0931HR 44/97 | | |
| 37730.00 | G BRIDGE ALBEMARLE SD LT 149 | EXT | |
| 12206 | NONECH 35/97 | | |
| 38110.00 | PUNGO RIV LT 8 | LT IMCH | 11548 |
| NONEFM | 42/97 | | |
| 38150.00 | GOOSE CK DBN 3 | TRUB | 11553 |
| 0395FM | 29/97 | | |

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|----------|-------------------------------|-----------------|---------------|----------|
| 38195.00 | GOOSE CK DBN 14 | | TRUB | 11553 |
| 0542FM | 41/9738195.00 | GOOSE CK DBN 14 | | DBN DEST |
| | 11553 | 0539FM | 40/97 | |
| 38385.00 | CORE CK LT 19 | | TRLB | 11541 |
| NONEFM | 39/97 | | | |
| 39365.00 | NEW RIV/CAPE FEAR RIV LT 23 | | TRLB | 11541 |
| 0581FM | 43/97 | | | |
| 39465.00 | NEW RIV/CAPE FEAR RIV LT 71 | | LT EXT | 11541 |
| 0470FM | 35/97 | | | |
| 39605.00 | NEW RIV/CAPE FEAR RIV DBN 123 | | TRUB | |
| 11541 | NONEFM | 32/97 | | |
| 39680.00 | NEW RIV/CAPE FEAR RIV DBN 143 | | TRUB | |
| 11534 | 0373FM | 28/97 | | |
| 39700.00 | NEW RIV/CAPE FEAR RIV DBN 149 | | TRUB | |
| 11534 | NONEFM | 35/97 | | |
| 39740.00 | NEW RIV/CAPE FEAR RIV DBN 156 | | TRUB | |
| 11534 | 0480FM | 36/97 | | |
| 39755.00 | NEW RIV/CAPE FEAR RIV LT 161 | | TRLB | |
| 11534 | NONEFM | 44/97 | | |
| 39785.00 | WILMINGTON SHORTCUT DBN 1 | | TRUB/DEST | |
| 11534 | NONEFM | 26/97 | | |
| 39825.00 | NEW RIV/CAPE FEAR RIV LT 163 | | TRLB | |
| 11534 | 0563FM | 42/97 | | |
| 40045.00 | CAPE FEAR LITTLE RIV DBN 2 | | DBN DEST/TRUB | |
| 11534 | NONEFM | 36/97 | | |
| 40050.00 | CAPE FEAR LITTLE RIV LT 2A | | TRUB | 11534 |
| 0555FM | 42/97 | | | |
| 40060.00 | CAPE FEAR LITTLE RIV LT 7 | | TRLB | 11534 |
| 0580FM | 43/97 | | | |
| 40215.00 | CAPE FEAR LITTLE RIV LT 44 | | TRUB | 11534 |
| NONEFM | 22/97 | | | |
| 40220.00 | CAPE FEAR LITTLE RIV DBN 46 | | TRUB | 11534 |
| 0563FM | 42/97 | | | |
| 40270.00 | CAPE FEAR LITTLE RIV DBN 57 | | TRUB | 11534 |
| 0526FM | 39/97 | | | |
| 40405.00 | CAPE FEAR LITTLE RIV DBN 99 | | TRUB/DEST | |
| 11534 | NONEFM | 26/97 | | |

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DISCREPANCIES CORRECTED

| LNR | Name of Aid | Status | Chart | BNM |
|----------|------------------------------|-------------------|-------------------|-------|
| LNM | | affected | Ref. | Ref. |
| 00010.00 | BARNEGAT LHB B | | WATCHING PROPERLY | |
| 12300 | NONECM 34/97 | | | |
| 00240.00 | OCEAN CITY IN LBB 2 | | WATCHING PROPERLY | |
| 12300 | 0175ES 43/97 | | | |
| 00345.00 | CAPE CHARLES LBB 14 | | WATCHING PROPERLY | |
| 12221 | 0894HR 42/97 | | | |
| 00875.00 | BARNEGAT IN OUTER LWB BI | | WATCHING PROPERLY | |
| 12323 | 0425CM 43/97 | | | |
| 00955.00 | BARNEGAT IN LB 11 | | WATCHING PROPERLY | |
| 12323 | 0411CM 42/97 | | | |
| 01010.00 | BARNEGAT IN B 24 | | WATCHING PROPERLY | |
| 12323 | 0410CM 42/97 | | | |
| 01030.00 | BARNEGAT IN B 27A | | WATCHING PROPERLY | |
| 12323 | 0409CM 42/97 | | | |
| 01110.00 | LITTLE EGG IN BY B | RESET ON STATION | | 12318 |
| 0394CM | 41/97 | | | |
| 01640.00 | SHIP JOHN SHL LT | WATCHING PROPERLY | | 12304 |
| 0412CM | 42/97 | | | |
| 02055.00 | DELAWARE BAY E ICEBREAKER LT | | RELIGHTED | |
| 12216 | 0433CM 44/97 | | | |
| 02075.00 | ROOSEVELT IN RF LT | | WATCHING PROPERLY | |
| 12216 | 0400CM 41/97 | | | |
| 04125.00 | ROEBLING RF LT | RELIGHTED | | 12314 |
| 0369PH | 44/97 | | | |
| 04130.00 | ROEBLING RR LT | RELIGHTED | | 12314 |
| 0369PH | 44/97 | | | |
| 04755.00 | OCEAN CITY IN LB 11 | | RELIGHTED | 12211 |
| 0177ES | 43/97 | | | |
| 04835.00 | ISLE OF WIGHT BAY LT 6 | | RELIGHTED | 12211 |
| 0164ES | 41/97 | | | |
| 06600.00 | WACHAPREAGUE IN LWB A | | WATCHING PROPERLY | |
| 12211 | 0170ES 42/97 | | | |
| 07140.00 | CHESAPEAKE CH LB 20 | | RELIGHTED | 12211 |
| 0871CM | 41/97 | | | |
| 07285.00 | CHESAPEAKE CH MID-CH LWB CB | | RELIGHTED | |
| 12225 | 0872CM 41/97 | | | |
| 08100.00 | CRAIGHILL CH LB 18 | | WATCHING PROPERLY | |
| 12273 | 0619BA 42/97 | | | |

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| 08145.00 | BREWERTON CH LB 2B | WATCHING PROPERLY | |
| 12278 | 0635BA 43/97 | | |
| 08385.00 | BREWERTON CHAN E EXT LB 2BE | WATCHING PROPERLY | |
| 12278 | 0626BA 43/97 | | |
| 08925.00 | ELK RIV CH LB 1ER | WATCHING PROPERLY | 12274 |
| 0636BA | 43/97 | | |
| 09025.00 | OLDFIELD PT RF LT | RELIGHTED | 12274 |
| 0624BA | 43/97 | | |
| 09210.00 | THIMBLE SHL CH LB 2 | WATCHING PROPERLY | |
| 12222 | 0919HR 43/97 | | |
| 09500.00 | ELIZABETH RIV CH ART LT 8 | RELIGHTED | 12245 |
| 1034HR | 37/96 | | |
| 10415.00 | BROAD BAY CH LT 17A | RELIGHTED | 12254 |
| 0722HR | 32/95 | | |
| 10510.00 | LITTLE CK HBR JTY LT 4 | WATCHING PROPERLY | |
| 12254 | 0936HR 44/97 | | |
| 10590.00 | WILLOUGHBY BAY CH DBN 5 | WATCHING PROPERLY | |
| 12245 | 0885HR 42/97 | GOOSE HILL CH RF LT | |
| RELIGHTED | 12248 0917HR | 43/97 | |
| 12070.00 | GOOSE HILL CH RR LT | RELIGHTED | 12251 |
| 0917HR | 43/97 | | |
| 12090.00 | JAMES RIV CH LBB 50 | RELIGHTED | 12248 |
| 0917HR | 43/97 | | |
| 12485.00 | JAMES RIV CH LT 108 | WATCHING PROPERLY | |
| 12251 | 0801HR 37/97 | | |
| 12615.00 | JAMES RIV CH LT 124 | RELIGHTED | 12251 |
| NONEHR | 43/97 | | |
| 13555.00 | YORK RIV WEST RR LT | RELIGHTED | 12238 |
| 0903HR | 43/97 | | |
| 14455.00 | HORN HBR LT 3 | RELIGHTED | 12221 |
| 0883HR | 42/97 | | |
| 15420.00 | RAPPAHANNOCK RIV LB 13 | WATCHING PROPERLY | |
| 12237 | 0893HR 42/97 | | |
| 17190.00 | HERON IS BAR CH B 5 | WATCHING PROPERLY | |
| 12286 | 0606BA 41/97 | | |
| 19025.00 | BACK CR DBN 8 | WATCHING PROPERLY | 12264 |
| 0630BA | 43/97 | | |
| 19165.00 | PATUXENT RIV LT 16 | WATCHING PROPERLY | |
| 12264 | NONEHR 42/97 | | |
| 19300.00 | CHES BEACH LT 2 | WATCHING PROPERLY | 12266 |
| 0618BA | 42/97 | | |
| 19310.00 | CHES BEACH DBN 4 | WATCHING PROPERLY | |
| 12266 | 0618BA 42/97 | | |
| 19315.00 | CHES BEACH DBN 5 | WATCHING PROPERLY | |
| 12266 | 0618BA 42/97 | | |

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| 19400.00 | ROCKHOLD CK JTY LT 2 | RELIGHTED | 12266 |
| 0642BA | 44/97 | | |
| 19815.00 | LAKE OGLETON ENT LT 1L | WATCHING PROPERLY | |
| 12282 | 0610BA 41/97 | | |
| 20405.00 | STONY CK ENT B 3 | RESET ON STATION | |
| 12278 | 0627BA 43/97 | | |
| 20445.00 | PENNWOOD CH B 3 | WATCHING PROPERLY | |
| 12278 | 0612BA 41/97 | | |
| 20575.00 | SPARROWS PT STEEL WRKS CH B 6 | WATCHING PROPERLY | |
| 12281 | 0609BA 41/97 | | |
| 22575.00 | POCOMOKE RIV CH B 17 | RESET ON STATION | |
| 12228 | 0594ES 39/97 | | |
| 28235.00 | OLD HOUSE CH B 9 | RESET ON STATION | |
| 12205 | 0250CH 42/97 | | |
| 28275.00 | OLD HOUSE CH B 17 | RESET ON STATION | |
| 12204 | 0249CH 42/97 | | |
| 28435.00 | ROANOKE SOUND CH DBN 16A | RELIGHTED | |
| 12205 | 0189CH 29/97 | | |
| 28920.00 | OCRACOKE IN LB 6 | WATCHING PROPERLY | |
| 11550 | 0267CH 44/97 | | |
| 29700.00 | NEW RIV IN B 8 | RESET ON STATION | 11542 |
| NONEFM | 20/97 | | |
| 29805.00 | NEW RIV CH LT 23 | RELIGHTED | 11542 |
| 0579FM | 43/97 | | |
| 30075.00 | BANKS CH LT 6 | RELIGHTED | 11541 |
| NONEFM | 42/97 | | |
| 30135.00 | BANKS CH DBN 21 | RESET ON STATION | |
| 11541 | NONEFM 42/97 | | |
| 30545.00 | CAPE FEAR RIV CH LB 26 | RELIGHTED | 11537 |
| 0544FM | 41/97 | | |
| 32085.00 | STUMPY PT TARGET WARN LT W | RELIGHTED | |
| 12205 | NONECH 43/97 | | |
| 32650.00 | BRANT IS SHL LT BI | WATCHING PROPERLY | 11548 |
| 0570FM | 43/97 | | |
| 33235.00 | LONG PT FERRY TERM CH LT 1 | RELIGHTED | |
| 11554 | 0569FM 43/97 | | |
| 33300.00 | PAMLICO RIV LT 7 | RELIGHTED | 11554 |
| 0392FM | 39/97 | | |
| 33370.00 | PAMLICO RIV CH LT 19 | RELIGHTED | 11554 |
| 0561FM | 42/97 | | |
| 33720.00 | WHITTAKER CK LT 2 | RELIGHTED | 11552 |
| NONEFM | 42/97 | | |
| 34360.00 | CORE SOUND CH LT 7 | RELIGHTED | 11550 |
| 0556FM | 42/97 | | |

| | | | |
|----------|-------------------------------|-------------------|-------|
| 34490.00 | ATLANTIC ENT LT | RELIGHTED | 11545 |
| 0576FM | 43/97 | | |
| 34910.00 | CALICO CK ENT B 2 | RESET ON STATION | |
| 11547 | 0591FM 44/97 | | |
| 35455.00 | NEW JERSEY ICW BY 114A | WATCHING PROPERLY | |
| 12316 | 0401CM 41/97 | | |
| 36060.00 | NEW JERSEY ICW DBN 278 | RESET ON STATION | |
| 12316 | 0099CM 11/97 | | |
| 37930.00 | ALLIGATOR RIV LT 39 | RELIGHTED | 11553 |
| 0243CH | 41/97 | | |
| 37930.00 | ALLIGATOR RIV LT 39 | RELIGHTED | 11553 |
| 0243CH | 42/97 | | |
| 38295.00 | ADAMS CK B 2 | RESET ON STATION | 11541 |
| 0545FM | 41/97 | | |
| 38610.00 | MOREHEAD CITY HBR CH DBN 5 | WATCHING PROPERLY | |
| 11541 | 0584FM 43/97 | | |
| 39075.00 | BOGUE SOUND DBN 46B | WATCHING PROPERLY | |
| 11541 | 0536FM 40/97 | | |
| 39860.00 | NEW RIV/CAPE FEAR RIV DBN 170 | WATCHING PROPERLY | |
| 11534 | 0533FM 48/96 | | |
| 39880.00 | NEW RIV/CAPE FEAR RIV LT 177 | WATCHING PROPERLY | |
| 11534 | 0593FM 44/97 | | |
| 40310.00 | CAPE FEAR LITTLE RIV LT 71A | WATCHING PROPERLY | |
| 11534 | NONEFM 42/97 | | |
| 40340.00 | CAPE FEAR LITTLE RIV B 81 | RESET ON STATION | |
| 11534 | 0571FM 43/97 | | |

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KEY TO DISCREPANCY ABBREVIATIONS USED

| | | |
|--------------------------------------|-----------------------------------|----------------------|
| AICWW=Atlantic Intracoastal Waterway | HBR=Harbor | OPS |
| CONSTANT=Operates Constantly | | |
| ANCH=Anchorage | IALA=International Association of | |
| PVT=Private Aid | | |
| APP=Approach | Lighthouse Authorities | RBN=Radiobeacon |
| ARTIC=Articulated Light | IMCH=Improper Characteristic | |
| REDINT=Reduced Intensity | | |
| BKHD=Bulkhead | INOP=Inoperative | REMAINS=Structure or |
| portions remain in area | | |
| BKWTR=Breakwater | JCT=Junction | RF=Range Front |
| BNM= Broadcast Notice to Mariners | LB=Lighted Buoy | RR=Range Rear |
| BS/NR=Bogue Sound/New River | LBB=Lighted Bell Buoy | RIV=River |
| BY=Buoy | LHB=Lighted Horn Buoy | S=South/southerly |
| CFR=Cape Fear River | LL=Light List | SHL=Shoal |

CFR/LR=Cape Fear River/Little River LNB=Large Navigational Buoy
 SND=Sound
 CH=Channel LNM=Local Notice to Mariners
 TRLB=Temporary lighted buoy
 CK=Creek LT=Light TRUB=Temporary unlighted buoy
 DBD=Dayboard LWB=Lighted Whistle Buoy
 TRLT=Temporary Light
 DBN=Daybeacon N=North/northerly LGB=Lighted Gong Buoy
 DEST=Destroyed MSLD=Misleading VIP=Virginia Inside Passage
 EXT=Extinguished NR/CFR=New River/Cape Fear River
 WW=Waterway
 F/S=Fog Signal OFF STA=Off Station WARN=Warning
 GB/AS=Great Bridge to Albemarle Sound

III TEMPORARY CHANGES

The following aids have been temporarily changed from their advertised characteristics or positions. Their temporary positions can be obtained from Section IV of the Local Notice referenced in the right hand column.

SUMMARY OF TEMPORARY CHANGES

| LLNR | Name of Aids | Charts | LNM | Ref. |
|-------|--------------------------|------------------------|----------------------------|-------|
| | | Temporary Status | affected | |
| ----- | Wreck Buoy W BC | Established | 12207 | 41/96 |
| ----- | Mooring Buoy | Established | 12221, 12222 | 23/96 |
| ----- | Mooring Buoy | Established | 12221, 12222, 12225, 12245 | 17/96 |
| ----- | Mooring Buoy | Established | 12221 | 10/96 |
| ----- | Barnegat Inlet Buoy 12A | Established (Shoaling) | 12323, 12324 | |
| | 20/94 | | | |
| ----- | Mooring Buoy N1 | Established | 12323 | 22/96 |
| ----- | Mooring Buoy N3 | Established | 12323 | 22/96 |
| ----- | Mooring Buoy C1 | Established | 12323 | 22/96 |
| ----- | Mooring Buoy C2 | Established | 12323 | 22/96 |
| ----- | Mooring Buoy C3 | Established | 12323 | 22/96 |
| ----- | Mooring Buoy C4 | Established | 12323 | 22/96 |
| ----- | Mooring Buoy S1 | Established | 12323 | 22/96 |
| ----- | Mooring Buoy S3 | Established | 12323 | 22/96 |
| 505 | Rudee Inlet Jetty LT 1 | Changed to daybeacon | 12200, 12205, 12207, | |
| | 12221 | | 10/96 | |
| 690 | Cape Lookout Shoal LBB 4 | Discontinued | 11520, 11544 | 39977 |
| 2490 | Baker Range LT 2B | Changed to Buoy | 12311 | 10/97 |
| 4865 | Isle of wight Bay DBN 12 | Discontinued | 12211 | 17/97 |
| 5275 | Chincoteague Inlet By 2 | Relocated | 12210, 12211 | 30/96 |

| | | | | |
|-------|--------------------------------|------------------------------|---------------------|-------|
| 5530 | Virginia Inside Passage LT 2A | Discontinued | 12210 | 49/96 |
| ----- | Hoskins Creek Buoy 3 | Established | 12237 | 25/96 |
| ----- | Chisman Creek 4A | Established | 12248, 12238, 12221 | 23/97 |
| ----- | Chisman Creek 5A | Established | 12248, 12238, 12221 | 23/97 |
| ----- | Milford Haven 4 | Established | 12225, 12235 | 23/97 |
| ----- | Little Annemessex River LB A | Established | 12231 | 19/95 |
| ----- | Hatteras Inlet Lighted Buoy 5A | Relocated (Shoaling) | 11555 | 13/96 |
| ----- | Hatteras Inlet Buoy 8A | Relocated (Shoaling) | 11555 | 19/96 |
| ----- | Hatteras Inlet Buoy 8B | Established (Shoaling) | 11555 | 19/96 |
| ----- | Hatteras Inlet Lighted Buoy 8C | Established (Shoaling) | 11555 | 19/96 |
| ----- | Teaches Hole Channel LB 27A | Established (Shoaling) | 11550 | 31/94 |
| ----- | Big Foot Slough 10A | Established (Shoaling) | 11550 | 13/96 |
| 13890 | Aberdeen Creek LT 3 | Changed to Danger Shoal Dbn. | 12243 | 39/97 |
| ----- | Aberdeen Creek TRLB 3 | Established | 12243 | 39/97 |
| 13895 | Aberdeen Creek DBN 5 | Changed to Danger Wreck Dbn. | 12243 | 39/97 |
| ----- | Aberdeen Creek TRUB 6 | Established (Shoaling) | 12243 | 39/97 |
| 13905 | Aberdeen Creek DBN 9 | Discontinued | 12243 | 39/97 |
| ----- | Aberdeen Creek TRUB 9 | Established | 12243 | 39/97 |
| 21660 | Nassawadox DBN 7A | Changed to Danger Shoal Dbn. | 12225, 12226 | 39/97 |
| ----- | Nassawadox Creek B 7A | Established (Shoaling) | 12225, 12226 | 36/97 |
| 21780 | Nandua Creek DBN 5 | Changed to Danger Shoal Dbn. | 12225, 12226 | 39/97 |
| ----- | Nandua Creek B 5 | Established | 12225, 12226 | 36/97 |
| 28035 | Oregon Inlet B 14 | Discontinued | 12204 | 28/97 |
| ----- | Oregon Inlet B 3 | Established | 12204 | 25/97 |
| 28035 | Oregon Inlet B 14 | Discontinued | 12204 | 28/97 |
| 28115 | Oregon Inlet B 33 | Discontinued | 12204 | 22/97 |
| 29250 | Bardens Inlet | Discontinued | 11545 | 17/97 |
| 29465 | Morehead City Ch LB 25 | Relocated | 11547 | 17/97 |
| 29470 | Morehead City Ch LB 26 | Relocated | 11547 | 17/97 |
| ----- | New River Inlet B 11B | Established | 11542 | 47/96 |
| 29745 | New River Ch DBN 15 | Discontinued | 11542 | 17/97 |
| ----- | New Topsail Inlet Buoy 8A | Established | 11541 | 24/94 |
| ----- | Old Topsail Inlet Buoy 7A | Established | 11541 | 13/95 |
| ----- | Bogue Inlet 10B | Relocated | 11541 | 17/97 |
| ----- | Bogue Inlet 18A | Relocated | 11541, 11543 | 17/97 |
| ----- | Masonboro Inlet B 8A | Established | 11541 | 47/96 |
| ----- | Carolina Beach Inlet Buoy 4A | Established | 11534 | 26/95 |
| ----- | Shalotte Inlet Buoy 3A | Established (Shoaling) | 11534 | 16/95 |
| 34780 | Taylor Creek Chan Daybeacon 1 | Changed to Danger Shl Dbn | 11545 | 24/95 |
| 34785 | Taylor Creek Chan Daybeacon 1A | Changed to Danger Shl Dbn | 11545 | 24/95 |
| ----- | Taylor Creek Chan Buoy 1 | Established | 11545 | 24/95 |

| | | | | |
|-------|-----------------------------------|------------------------|---------------------|--------|
| ----- | Taylor Creek Chan Buoy 1A | Established | 11545 | 24/95 |
| ----- | NJICW Buoy 114A | Established(Shoaling) | 12316 | 32/96 |
| ----- | NJICW Buoy 126A | Established (Shoaling) | 12316 | 25/95 |
| ----- | NJICW Buoy 170A | Established (Shoaling) | 12316 | 33/96 |
| 38640 | Money Island Channel Warn. By B | Discontinued | | 11541, |
| | 11545, 11547 | | | 16/96 |
| 38650 | Money Island Channel DBN 1A | Renamed Daybeacon 1B | | |
| | 11541, 11545, 11547 | | | 11/94 |
| ----- | Money Island Channel BY 1A | Established | 11541, 11545, 11547 | |
| | 11/94 | | | |
| 38655 | Money Island Channel DBN 2 | Renamed Daybeacon 2A | | 11541, |
| | 11545, 11547 | | | 11/94 |
| ----- | Money Island Channel BY 2 | Established | 11541, 11545, 11547 | |
| | 11/94 | | | |
| ----- | Causeway Channel By 6A | Established | 11541 | 25/96 |
| ----- | New River/Cape Fear River BY 15A | Established | 11541 | |
| | 37/97 | | | |
| ----- | New River/Cape Fear River BY 143A | Established | 11534 | |
| | 04/94 | | | |

NEW TEMPORARY CHANGES

| LLNR | Name of Aids | Charts Temporary | LNM Status | affected | Ref. |
|------|--------------|---------------------|---------------|----------|------|
|------|--------------|---------------------|---------------|----------|------|

NONE

IV CHART CORRECTIONS

Corrective action affecting charts is contained in this section. Chart corrections are listed numerically by chart number. The correction listed pertains to that chart only. It is up to the mariner to decide what charts are to be corrected. The following example explains the individual elements of a typical correction.

| Source of number Correction | Chart edition | Edition Current date | Last Local Notice to Mariners | Horizontal Datum Reference |
|--|----------------------|----------------------------|-------------------------------------|-------------------------------|
| / | / | / | / | / |
| / | | | | |
| 12245 (CG5) (Temp) | 54 th ed. | 02/03/96 (38/96) | LAST LNM 28/96 | NAD 83 |
| HAMPTON ROADS -- location | | | | |
| Change: Fog signal of Buoy PR to WHISTLE | | | | |
| 37o00 06.2N | 76o17 01.4W | | | |

and delete PA from legend

Bogue Inlet Channel Light 21

from (34°40'20.7"N, 77°05'40.5"W) to 34°40'20.4"N 077°05'40.7"W

Bogue Sound Light 41

from (34°40'34.8"N, 77°02'13.1"W) to 34°40'35.1"N 077°02'13.5"W

Bogue Sound Daybeacon 38 from

(34°41'01.0"N, 77°01'18.1"W) to 34°40'58.0"N 077°01'26.1"W

Bogue Sound Light 37 from

(34°41'14.0"N, 77°00'44.0"W) to 34°41'13.8"N 077°00'45.0"W

Bogue Sound Daybeacon 36 from

(34°41'26.6"N, 77°00'22.0"W) to 34°41'26.9"N 077°00'20.4"W

Bogue Sound Daybeacon 35 from

(34°41'33.5"N, 76°59'58.5"W) to 34°41'37.1"N 076°59'51.2"W

Bogue Sound Daybeacon 34 from

(34°41'46.1"N, 76°59'34.8"W) to 34°41'47.3"N 076°59'33.7"W

Bogue Sound Light 33 from

(34°41'55.7"N, 76°59'09.4"W) to 34°41'55.5"N 076°59'10.0"W

Bogue Sound Daybeacon 31 from

(34°42'10.0"N, 76°58'15.5"W) to 34°42'11.2"N 076°58'13.7"W

and delete PA from legend

Bogue Sound Daybeacon 28 from

(34°42'33.5"N, 76°56'59.1"W) to 34°42'33.4"N 076°56'57.5"W

and delete PA from legend

Bogue Sound Daybeacon 26 from

(34°42'47.7"N, 76°56'03.4"W) to 34°42'47.9"N 076°56'03.7"W

Bogue Sound Light 21 from

(34°43'09.4"N, 76°53'52.0"W) to 34°43'08.1"N 076°53'55.3"W

Bogue Sound Daybeacon 20 from

(34°43'15.9"N, 76°53'21.0"W) to 34°43'15.6"N 076°53'21.9"W
and delete PA from legend

Bogue Sound Daybeacon 19 from

(34°43'18.6"N, 76°52'50.5"W) to 34°43'17.9"N 076°52'51.5"W

Bogue Sound Light 17 from

(34°43'28.6"N, 76°51'45.0"W) to 34°43'28.0"N 076°51'45.9"W

Bogue Sound Daybeacon 15 from

(34°43'26.0"N, 76°51'02.0"W) to 34°43'26.4"N 076°51'03.8"W
and delete PA from legend

Bogue Sound Light 9 from

(34°43'19.0"N, 76°48'09.8"W) to 34°43'19.7"N 076°48'09.5"W

Bogue Sound Light 6 from

(34°43'17.0"N, 76°46'02.5"W) to 34°43'17.8"N 076°45'59.5"W
and delete PA from legend

11543 20th ed., 07/11/92 LAST LNM 39/97 NAD 83
44/97 CAPE LOOKOUT TO NEW RIVER
(CGD05)

Change Beaufort Inlet Channel Lighted Buoy 14, characteristics to show FI
R 4s in 34°40'47.6"N 076°40'01.3"W

11544 34th ed., 05/11/96 LAST LNM 39/97 NAD 83
44/97
PORTSMOUTH ISLAND TO BEAUFORT: INCLUDING CAPE LOOKOUT
SHOAL (CGD05)

Change Beaufort Inlet Channel Lighted Buoy 14, characteristics to show FI
R 4s in 34°40'47.6"N 076°40'01.3"W

Relocate Harbor Island Warning Light
from (35°00'22.5"N, 76°13'23.0"W) to
35°00'27.5"N 076°13'15.7"W
and delete PA from legend

11545 57th ed., 01/18/97 LAST LNM 39/97 NAD 83
44/97

BEAUFORT INLET AND PART OF CORE SOUND
(CGD05)

Change Beaufort Inlet Channel Lighted Buoy 14, characteristics to show FI
R 4s in 34°40'47.6"N 076°40'01.3"W

Delete Gallant Channel Daybeacon 1 in
34°44'16.8"N 076°40'45.1"W

Relocate Bogue Sound Light 6 from
(34°43'17.0"N, 76°46'02.5"W) to
34°43'17.8"N 076°45'59.5"W

11547 31st ed., 08/12/95 LAST LNM 39/97 NAD 83
44/97

MOREHEAD CITY HARBOR
(CGD05)

Change Beaufort Inlet Channel Lighted Buoy 14, characteristics to show FI R
4s in 34°40'47.6"N 076°40'01.3"W

Relocate Bogue Sound Light 6 from
(34°43'17.0"N, 76°46'02.5"W) to
34°43'17.8"N 076°45'59.5"W

11548 34th ed., 02/05/94 LAST LNM 36/97 NAD 83
44/97

PAMLICO SOUND- WESTERN PART
(CGD05)

Relocate Goose Creek Light 27
from (35°11'41.5"N, 76°34'47.0"W) to
35°11'40.1"N 076°34'46.5"W

Lower Middle Ground Warning Daybeacon NE

from (35°14'18.6"N, 76°13'46.7"W) to 35°14'11.3"N 076°13'33.6"W

Lower Middle Ground Light LM

from (35°13'56.0"N, 76°13'36.0"W) to 35°14'00.6"N 076°13'27.5"W

Lower Middle Ground Warning Daybeacon SW

from (35°14'12.6"N, 76°13'57.0"W) to 35°14'10.1"N 076°13'38.8"W

Neuse River Entrance Light NR

from (35°06'37.6"N, 76°28'29.0"W) to 35°06'37.3"N 076°28'32.3"W

and delete PA from legend

Harbor Island Warning Light

from (35°00'22.5"N, 76°13'23.0"W) to 35°00'27.5"N 076°13'15.7"W
and delete PA from legend

Inner Middle Ground Light M

from (35°14'31.3"N, 76°17'45.0"W) to 35°14'31.5"N 076°18'03.3"W

Goose Creek Light 22 from

(35°12'56.5"N, 76°35'36.4"W) to 35°12'57.1"N 076°35'36.4"W

Goose Creek Daybeacon 17

from (35°16'39.0"N, 76°36'23.5"W) to 35°16'33.7"N 076°36'18.3"W

Goose Creek Light 19

from (35°16'17.0"N, 76°36'02.5"W) to 35°16'14.9"N 076°36'02.4"W

Goose Creek Daybeacon 8

from (35°19'26.3"N, 76°37'03.6"W) to 35°19'25.9"N 076°37'03.9"W
and delete PA from legend

Goose Creek Daybeacon 10

from (35°18'42.5"N, 76°37'06.2"W) to 35°18'39.0"N 076°37'06.8"W
and delete PA from legend

Goose Creek Light 11

from (35°18'00.6"N, 76°37'03.9"W) to 35°18'00.0"N 076°37'02.1"W
and delete PA from legend

Goose Creek Light 6

from (35°19'53.3"N, 76°37'02.0"W) to
35°19'53.6"N 076°37'02.4"W Goose Creek Light 1
from (35°20'23.3"N, 76°35'46.5"W) to
35°20'23.8"N 076°35'44.9"W
Goose Creek Daybeacon 4
from (35°20'13.9"N, 76°36'16.5"W) to 35°20'14.0"N 076°36'14.8"W
and delete PA from legend

Eastham Creek Daybeacon 9

from (35°17'35.0"N, 76°35'24.0"W) to 35°17'38.4"N 076°35'28.3"W

Eastham Creek Daybeacon 7

from (35°17'38.0"N, 76°35'39.5"W) to 35°17'35.7"N 076°35'41.1"W

Eastham Creek Daybeacon 5

from (35°17'39.1"N, 76°35'56.6"W) to 35°17'39.6"N 076°35'56.7"W

Eastham Creek Daybeacon 3

from (35°17'42.0"N, 76°36'27.5"W) to 35°17'42.3"N 076°36'27.7"W

and delete PA from legend

Eastham Creek Daybeacon 1

from (35°17'37.0"N, 76°36'43.5"W) to
35°17'35.2"N 076°36'46.6"W

11550 26th ed., 07/08/95 LAST LNM 32/97 NAD 83
44/97

OCRACOKE INLET AND PART OF CORE SOUND
(CGD05)

Relocate Harbor Island Warning Light
from (35°00'22.5"N, 76°13'23.0"W) to
35°00'27.5"N 076°13'15.7"W

and delete PA from legend

11553 26th ed., 01/27/96 LAST LNM 42/97 NAD 83
44/97

ALBEMARLE SOUND TO NEUSE RIVER
(CGD05)

Relocate Goose Creek Light 27
from (35°11'41.5"N, 76°34'47.0"W) to
35°11'40.1"N 076°34'46.5"W

Goose Creek Light 22 from

(35°12'56.5"N, 76°35'36.4"W) to 35°12'57.1"N 076°35'36.4"W

Goose Creek Daybeacon 17

from (35°16'39.0"N, 76°36'23.5"W) to 35°16'33.7"N 076°36'18.3"W

Goose Creek Light 19

from (35°16'17.0"N, 76°36'02.5"W) to 35°16'14.9"N 076°36'02.4"W

Goose Creek Daybeacon 10

from (35°18'42.5"N, 76°37'06.2"W) to 35°18'39.0"N 076°37'06.8"W
and delete PA from legend

Goose Creek Light 11

from (35°18'00.6"N, 76°37'03.9"W) to 35°18'00.0"N 076°37'02.1"W

Goose Creek Light 6

from (35°19'53.3"N, 76°37'02.0"W) to 35°19'53.6"N 076°37'02.4"W

Goose Creek Light 1

from (35°20'23.3"N, 76°35'46.5"W) to 35°20'23.8"N 076°35'44.9"W

Goose Creek Daybeacon 4

from (35°20'13.9"N, 76°36'16.5"W) to 35°20'14.0"N 076°36'14.8"W
and delete PA from legend

Eastham Creek Daybeacon 9

from (35°17'35.0"N, 76°35'24.0"W) to 35°17'38.4"N 076°35'28.3"W

Eastham Creek Daybeacon 7

from (35°17'38.0"N, 76°35'39.5"W) to 35°17'35.7"N 076°35'41.1"W

Eastham Creek Daybeacon 5

from (35°17'39.1"N, 76°35'56.6"W) to 35°17'39.6"N 076°35'56.7"W

Eastham Creek Daybeacon 3

from (35°17'42.0"N, 76°36'27.5"W) to 35°17'42.3"N 076°36'27.7"W
and delete PA from legend

Eastham Creek Daybeacon 1

from (35°17'37.0"N, 76°36'43.5"W) to 35°17'35.2"N 076°36'46.6"W
and delete PA from legend

12228 27th ed., 03/15/95 LAST LNM 41/97 NAD 83

44/97

CHESAPEAKE BAY: POCOMOKE AND TANGIER SOUNDS
(CGD05)

Delete Pocomoke Sound Buoy 2 in
37°43'44.5"N 075°54'58.0"W

Add Pocomoke Sound Light 2, showing FI R 4s, 16ft 4M in
37°43'37.1"N 075°54'36.8"W

Relocate Big Thorofare Channel Light 3 from
(37°58'06.5"N, 75°59'18.0"W) to
37°58'07.5"N 075°59'18.5"W
Pocomoke Sound Light 2 from
(37°43'37.0"N, 75°54'37.0"W) to 37°43'37.1"N
075°54'36.8"W
Big Thorofare Channel Light 1 from
(37°58'22.5"N, 75°58'45.0"W) to 37°58'24.3"N 075°58'47.4"W

Big Thorofare Channel Daybeacon 2 from
(37°58'15.0"N, 75°59'02.5"W) to 37°58'16.7"N 075°59'02.3"W

Big Thorofare Channel Daybeacon 4 from
(37°58'07.5"N, 75°59'17.5"W) to 37°58'08.1"N 075°59'15.8"W
and delete PA from legend

Big Thorofare Channel Daybeacon 8 from
(37°58'05.0"N, 75°59'30.0"W) to 37°58'03.9"N 075°59'29.3"W
and delete PA from legend

Big Thorofare Channel Daybeacon 12 from
(37°58'07.5"N, 75°59'45.5"W) to 37°58'05.7"N 075°59'41.7"W
and delete PA from legend

Big Thorofare Channel Daybeacon 10 from
(37°58'05.0"N, 75°59'37.5"W) to 37°58'05.9"N 075°59'36.7"W
and delete PA from legend

Big Thorofare Channel Daybeacon 14 from
(37°58'10.0"N, 75°59'51.5"W) to 37°58'10.2"N 075°59'51.2"W

Big Thorofare Channel Daybeacon 15 from
(37°58'17.5"N, 76°00'01.5"W) to 37°58'17.8"N 076°00'03.3"W

Big Thorofare Channel Daybeacon 16 from

(37°59'26.5"N, 76°00'02.5"W) to 37°58'24.5"N 076°00'08.2"W
and delete PA from legend

Big Thorofare Channel Daybeacon 17 from

(37°58'30.5"N, 76°00'12.5"W) to 37°58'34.7"N 076°00'11.6"W

Big Thorofare Channel Daybeacon 19 from

(37°58'39.5"N, 76°00'15.5"W) to 37°58'38.2"N 076°00'16.5"W

Big Thorofare Channel Daybeacon 20 from

(37°58'45.5"N, 76°00'27.5"W) to 37°58'47.3"N 076°00'27.0"W

Big Thorofare Channel Daybeacon 21 from

(37°59'03.5"N, 76°00'37.5"W) to 37°59'06.0"N 076°00'37.0"W

Big Thorofare Channel Light 23 from

(37°59'12.0"N, 76°00'39.5"W) to 37°59'11.4"N 076°00'36.7"W

Big Thorofare Channel Daybeacon 25 from

(37°59'16.5"N, 76°00'37.5"W) to 37°59'18.6"N 076°00'36.2"W

Big Thorofare Channel Daybeacon 27 from

(37°59'22.5"N, 76°00'40.0"W) to 37°59'23.7"N 076°00'39.2"W

Big Thorofare Channel Daybeacon 29 from

(37°59'28.0"N, 76°00'45.5"W) to 37°59'28.3"N 076°00'41.2"W
and delete PA from legend

Big Thorofare Channel Light 31 from

(37°59'32.5"N, 76°00'52.0"W) to 37°59'33.2"N 076°00'48.7"W
and delete PA from legend

Big Thorofare Channel Light 35 from

(37°59'49.5"N, 76°01'19.0"W) to 37°59'48.0"N 076°01'17.3"W
and delete PA from legend

Big Thorofare Channel Light 37 from

(37°59'49.0"N, 76°01'34.9"W) to 37°59'49.8"N 076°01'34.6"W
and delete PA from legend

Big Thorofare West Channel Light 1 from

(38°00'00.4"N, 76°03'21.5"W) to 37°59'59.8"N 076°03'21.6"W

Big Thorofare West Light 2 from

(37°59'58.0"N, 76°03'23.0"W) to 37°59'56.7"N 076°03'21.4"W

Big Thorofare West Daybeacon 2A from

(38°00'03.0"N, 76°03'07.0"W) to 38°00'03.6"N 076°03'06.8"W

Big Thorofare West Daybeacon 3 from

(38°00'06.5"N, 76°03'00.0"W) to 38°00'06.8"N 076°02'59.0"W

Big Thorofare West Light 4 from

(38°00'06.0"N, 76°02'55.0"W) to 38°00'05.3"N 076°02'53.5"W

Big Thorofare West Daybeacon 6 from

(38°00'13.5"N, 76°02'35.0"W) to 38°00'13.8"N 076°02'25.6"W
and delete PA from legend

Big Thorofare West Light 9 from

(38°00'20.0"N, 76°02'24.5"W) to 38°00'17.7"N 076°02'22.9"W
and delete PA from legend

Big Thorofare West Daybeacon 10 from

(38°00'17.0"N, 76°02'22.0"W) to 38°00'15.2"N 076°02'21.8"W

Big Thorofare West Daybeacon 12 from

(38°00'14.5"N, 76°02'20.5"W) to 38°00'14.7"N 076°02'19.3"W
and delete PA from legend

Big Thorofare West Daybeacon 13 from (38°00'15.0"N, 76°02'20.0"W) to
38°00'14.8"N 076°02'18.0"W

and delete PA from legend

Bid Thorofare West Daybeacon 14 from

(38°00'13.5"N, 76°02'17.5"W) to 38°00'06.4"N 076°02'15.7"W
and delete PA from legend

Big Thorofare West Light 15 from

(37°59'54.5"N, 76°02'09.0"W) to 37°59'54.2"N 076°02'07.7"W

Big Thorofare West Daybeacon 16 from

(37°59'49.0"N, 76°02'00.5"W) to 37°59'48.2"N 076°02'00.9"W
and delete PA from legend

Sheep Pen Gut Warning Daybeacon A from

(37°58'19.0"N, 76°03'37.0"W) to 37°58'16.6"N 076°03'35.0"W

Sheep Pen Gut Warning Daybeacon B from

(37°58'32.0"N, 76°03'00.0"W) to 37°58'31.9"N 076°03'00.6"W

Pocomoke Sound Light 6 from

(37°47'48.0"N, 75°50'22.0"W) to
37°47'48.9"N 075°50'19.2"W

12230 53rd ed., 04/19/97 LAST LNM 43/97 NAD 83
44/97

CHESAPEAKE BAY: SMITH POINT TO COVE POINT
(CGD05)

Relocate Big Thorofare Channel Light 3 from
(37°58'06.5"N, 75°59'18.0"W) to
37°58'07.5"N 075°59'18.5"W

Big Thorofare Channel Light 1 from
(37°58'22.5"N, 75°58'45.0"W) to 37°58'24.3"N 075°58'47.4"W

Big Thorofare Channel Daybeacon 2 from

(37°58'15.0"N, 75°59'02.5"W) to 37°58'16.7"N 075°59'02.3"W

Big Thorofare Channel Daybeacon 12 from

(37°58'07.5"N, 75°59'45.5"W) to 37°58'05.7"N 075°59'41.7"W

Big Thorofare Channel Daybeacon 15 from

(37°58'17.5"N, 76°00'01.5"W) to 37°58'17.8"N 076°00'03.3"W

Big Thorofare Channel Daybeacon 19 from

(37°58'39.5"N, 76°00'15.5"W) to 37°58'38.2"N 076°00'16.5"W

Big Thorofare Channel Light 23 from

(37°59'12.0"N, 76°00'39.5"W) to 37°59'11.4"N 076°00'36.7"W

Big Thorofare Channel Light 31 from

(37°59'32.5"N, 76°00'52.0"W) to 37°59'33.2"N 076°00'48.7"W

and delete PA from legend

Big Thorofare Channel Light 35 from

(37°59'49.5"N, 76°01'19.0"W) to 37°59'48.0"N 076°01'17.3"W

and delete PA from legend

Big Thorofare Channel Light 37 from

(37°59'49.0"N, 76°01'34.9"W) to 37°59'49.8"N 076°01'34.6"W

and delete PA from legend

Big Thorofare West Channel Light 1 from

(38°00'00.4"N, 76°03'21.5"W) to 37°59'59.8"N 076°03'21.6"W

Big Thorofare West Light 2 from

(37°59'58.0"N, 76°03'23.0"W) to 37°59'56.7"N 076°03'21.4"W

Big Thorofare West Daybeacon 2A from

(38°00'03.0"N, 76°03'07.0"W) to 38°00'03.6"N 076°03'06.8"W

Big Thorofare West Daybeacon 3 from

(38°00'06.5"N, 76°03'00.0"W) to 38°00'06.8"N 076°02'59.0"W

Big Thorofare West Light 4 from

(38°00'06.0"N, 76°02'55.0"W) to 38°00'05.3"N 076°02'53.5"W

Big Thorofare West Daybeacon 6 from

(38°00'13.5"N, 76°02'35.0"W) to 38°00'13.8"N 076°02'25.6"W

and delete PA from legend

Big Thorofare West Light 9 from

(38°00'20.0"N, 76°02'24.5"W) to 38°00'17.7"N 076°02'22.9"W
and delete PA from legend

Big Thorofare West Light 15 from

(37°59'54.5"N, 76°02'09.0"W) to 37°59'54.2"N 076°02'07.7"W

Sheep Pen Gut Warning Daybeacon A from

(37°58'19.0"N, 76°03'37.0"W) to 37°58'16.6"N 076°03'35.0"W
and delete PA from legend

Sheep Pen Gut Warning Daybeacon B from

(37°58'32.0"N, 76°03'00.0"W) to 37°58'31.9"N 076°03'00.6"W
and delete PA from legend

12231 24th ed., 09/25/93 LAST LNM 35/97 NAD 83
44/97

CHESAPEAKE BAY: TANGIER SOUND- NORTHERN PART
(CGD05)

Relocate Big Thorofare Channel Light 3 from
(37°58'06.5"N, 75°59'18.0"W) to

37°58'07.5"N

075°59'18.5"W

Big Thorofare Channel Light 1 from

(37°58'22.5"N, 75°58'45.0"W) to 37°58'24.3"N 075°58'47.4"W

Big Thorofare Channel Daybeacon 2 from

(37°58'15.0"N, 75°59'02.5"W) to 37°58'16.7"N 075°59'02.3"W

Big Thorofare Channel Daybeacon 4 from

(37°58'07.5"N, 75°59'17.5"W) to 37°58'08.1"N 075°59'15.8"W

Big Thorofare Channel Daybeacon 8 from

(37°58'05.0"N, 75°59'30.0"W) to 37°58'03.9"N 075°59'29.3"W

Big Thorofare Channel Daybeacon 12 from

(37°58'07.5"N, 75°59'45.5"W) to 37°58'05.7"N 075°59'41.7"W

Big Thorofare Channel Daybeacon 10 from

(37°58'05.0"N, 75°59'37.5"W) to 37°58'05.9"N 075°59'36.7"W

Big Thorofare Channel Daybeacon 14 from

(37°58'10.0"N, 75°59'51.5"W) to 37°58'10.2"N 075°59'51.2"W

Big Thorofare Channel Daybeacon 15 from

(37°58'17.5"N, 76°00'01.5"W) to 37°58'17.8"N 076°00'03.3"W

Big Thorofare Channel Daybeacon 16 from

(37°59'26.5"N, 76°00'02.5"W) to 37°58'24.5"N 076°00'08.2"W

Big Thorofare Channel Daybeacon 17 from

(37°58'30.5"N, 76°00'12.5"W) to 38°58'34.7"N 076°00'11.6"W

Big Thorofare Channel Daybeacon 19 from

(37°58'39.5"N, 76°00'15.5"W) to 37°58'38.2"N 076°00'16.5"W

Big Thorofare Channel Daybeacon 20 from

(37°58'45.5"N, 76°00'27.5"W) to 37°58'47.3"N 076°00'27.0"W

Big Thorofare Channel Daybeacon 21 from

(37°59'03.5"N, 76°00'37.5"W) to 37°59'06.0"N 076°00'37.0"W

Big Thorofare Channel Light 23 from

(37°59'12.0"N, 76°00'39.5"W) to 37°59'11.4"N 076°00'36.7"W

Big Thorofare Channel Daybeacon 25 from

(37°59'16.5"N, 76°00'37.5"W) to 37°59'18.6"N 076°00'36.2"W

Big Thorofare Channel Daybeacon 27 from

(37°59'22.5"N, 76°00'40.0"W) to 37°59'23.7"N 076°00'39.2"W

Big Thorofare Channel Daybeacon 29 from

(37°59'28.0"N, 76°00'45.5"W) to 37°59'28.3"N 076°00'41.2"W

and delete PA from legend

Big Thorofare Channel Light 31 from

(37°59'32.5"N, 76°00'52.0"W) to 37°59'33.2"N 076°00'48.7"W

Big Thorofare Channel Light 35 from

(37°59'49.5"N, 76°01'19.0"W) to 37°59'48.0"N 076°01'17.3"W

and delete PA from legend

Big Thorofare Channel Light 37 from

(37°59'49.0"N, 76°01'34.9"W) to 37°59'49.8"N 076°01'34.6"W

and delete PA from legend

Big Thorofare West Channel Light 1 from

(38°00'00.4"N, 76°03'21.5"W) to 37°59'59.8"N 076°03'21.6"W

and delete PA from legend

Big Thorofare West Light 2 from

(37°59'58.0"N, 76°03'23.0"W) to 37°59'56.7"N 076°03'21.4"W

and delete PA from legend

Big Thorofare West Daybeacon 2A from

(38°00'03.0"N, 76°03'07.0"W) to 38°00'03.6"N 076°03'06.8"W

and delete PA from legend

Big Thorofare West Daybeacon 3 from

(38°00'06.5"N, 76°03'00.0"W) to 38°00'06.8"N 076°02'59.0"W

and delete PA from legend

Big Thorofare West Light 4 from

(38°00'06.0"N, 76°02'55.0"W) to 38°00'05.3"N 076°02'53.5"W

Big Thorofare West Daybeacon 6 from

(38°00'13.5"N, 76°02'35.0"W) to 38°00'13.8"N 076°02'25.6"W

and delete PA from legend

Big Thorofare West Light 9 from

(38°00'20.0"N, 76°02'24.5"W) to 38°00'17.7"N 076°02'22.9"W

Big Thorofare West Daybeacon 10 from

(38°00'17.0"N, 76°02'22.0"W) to 38°00'15.2"N 076°02'21.8"W

and delete PA from legend

Big Thorofare West Daybeacon 12 from

(38°00'14.5"N, 76°02'20.5"W) to 38°00'14.7"N 076°02'19.3"W

and delete PA from legend

Big Thorofare West Daybeacon 13 from (38°00'15.0"N, 76°02'20.0"W) to
38°00'14.8"N 076°02'18.0"W

Big Thorofare West Daybeacon 14 from

(38°00'13.5"N, 76°02'17.5"W) to 38°00'06.4"N 076°02'15.7"W

Big Thorofare West Light 15 from

(37°59'54.5"N, 76°02'09.0"W) to 37°59'54.2"N 076°02'07.7"W

Big Thorofare West Daybeacon 16 from

(37°59'49.0"N, 76°02'00.5"W) to 37°59'48.2"N 076°02'00.9"W

Sheep Pen Gut Warning Daybeacon A from

(37°58'19.0"N, 76°03'37.0"W) to 37°58'16.6"N 076°03'35.0"W

Sheep Pen Gut Warning Daybeacon B from

(37°58'32.0"N, 76°03'00.0"W) to
37°58'31.9"N 076°03'00.6"W

12261 26th ed., 07/20/96 LAST LNM 43/97 NAD 83
44/97

CHESAPEAKE BAY: HONGA, NANTICOKE, WICOMICO RIVERS AND
FISHING BAY (CGD05)

Relocate Nanticoke River Light 39 from
(38°32'23.0"N, 75°44'40.0"W) to

38°32'19.7"N 075°44'39.7"W

Nanticoke River Daybeacon 41 from

(38°32'19.0"N, 75°44'56.0"W) to 38°32'19.7"N 075°43'55.1"W

Nanticoke River Light 43 from

(38°33'08.0"N, 75°42'42.5"W) to 38°33'06.9"N 075°42'45.0"W

Nanticoke River Light 45 from

(38°33'40.0"N, 75°42'14.5"W) to 38°33'38.5"N 075°42'16.0"W

Nanticoke River Light 46 from

(38°33'25.0"N, 75°41'35.5"W) to 38°33'25.7"N 075°41'34.1"W

Nanticoke River Light 48 from

(38°33'38.5"N, 75°41'16.0"W) to 38°33'37.0"N 075°41'17.3"W

Nanticoke River Light 50 from

(38°33'55.0"N, 75°40'55.0"W) to 38°33'53.0"N 075°40'57.5"W

Nanticoke River Daybeacon 51 from

(38°34'15.0"N, 75°40'34.0"W) to 38°34'12.9"N 075°40'36.4"W

Bivalve Channel Daybeacon 3 from

(38°18'44.5"N, 75°53'37.5"W) to 38°18'41.6"N 075°53'36.4"W

Bivalve Channel Daybeacon 2 from

(38°18'40.5"N, 75°53'38.5"W) to 38°18'40.8"N 075°53'36.8"W

Nanticoke River Light 52 from

(38°34'19.5"N, 75°40'25.5"W) to 38°34'19.4"N 075°40'25.1"W

Nanticoke River Daybeacon 53 from

(38°34'27.0"N, 75°40'20.0"W) to 38°34'27.2"N 075°40'19.4"W

Nanticoke River Light 54 from

(38°34'37.5"N, 75°40'10.5"W) to
38°34'38.2"N 075°40'09.5"W

12268 8th ed., 05/12/90 LAST LNM 08/97 NAD 83

44/97

CHOPTANK RIVER: CAMBRIDGE TO GREENSBORO
(CGD05)

Relocate Warwick River Daybeacon 2 from

(37°36'44.0"N, 78°58'14.0"W) to
38°36'43.4"N 078°58'12.4"W

12273 48th ed., 10/22/94 LAST LNM 41/97 NAD 83

44/97

CHESAPEAKE BAY: SANDY POINT TO SUSQUEHANNA RIVER
(CGD05)

Change Craighill Channel Entrance Range Front Light characteristic to
show FI W 2.5s in

39°06'06.8"N 076°24'23.3"W

Craighill Channel Entrance Range Rear Light characteristic to

show Oc W 4s in
39°07'03.6"N 076°24'44.9"W

12278 66th ed., 06/07/97 LAST LNM 40/97 NAD 83
44/97
CHESAPEAKE BAY APP TO BALTIMORE
(CGD05)
Change Craighill Channel Entrance Range Front Light characteristic to
show FI W 2.5s in
39°06'06.8"N 076°24'23.3"W
Craighill Channel Entrance Range Rear Light characteristic to
show Oc W 4s in
39°07'03.6"N 076°24'44.9"W

12282 31st ed., 09/06/97 LAST LNM 39/97 NAD 83
44/97
CHESAPEAKE BAY: SEVERN AND MAGOTHY RIVERS
(CGD05)
Change Craighill Channel Entrance Range Front Light characteristic to
show FI W 2.5s in 39°06'06.8"N
076°24'23.3"W

12285 33rd ed., 03/02/96 LAST LNM 14/97 NAD 83
44/97
POTOMAC RIVER
(CGD05)
Relocate Port Tobacco River Daybeacon 3 from
(38°27'44.0"N, 77°02'10.9"W) to 38°27'45.4"N
077°02'10.3"W

12288 17th ed., 04/17/93 LAST LNM 01/97 NAD 83
44/97
POTOMAC RIVER: LOWER CEDAR PT AND MATTAWOMAN CREEK
(CGD05)
Relocate Port Tobacco River Daybeacon 3 from
(38°27'44.0"N, 77°02'10.9"W) to 38°27'45.4"N
077°02'10.3"W

12313 44th ed., 01/25/97 LAST LNM 29/97 NAD 83
44/97
DELAWARE RIVER- PHILADELPHIA AND CAMDEN WATERFRONT
(CGD05)
Add Channel Tabulation Table from Enclosure 1.

operating in or passing through these area should proceed with caution and are request to cooperate in not disrupting these events. For more information about mariner events and special navigation regulations contact Boating Safety at 757-398-6204.

NONE

DREDGING OPERATIONS

The following is a list of dredging operations being conducted in the Fifth Coast Guard District. All operators should be aware that the dredge and pontoon lines are held in place by cables which are attached to anchors some distance from the dredge and pontoons. Buoys are attached to the anchors so that they may be moved as the dredge advances. Mariners are advised that dredges, tugs, barges, submerged and or floating pipes, derricks, operating wires and buoys to mark positions of anchors may be located in the vicinity of dredging operations and that aids to navigation may be temporarily relocated to facilitate dredging. The dredge and related equipment will be lighted and marked in accordance with International or Inland Navigation Rules and the dredge will monitor channels 13 and 16 VHF-FM unless otherwise noted. Mariners are cautioned to strictly comply with Inland Navigation Rules when approaching, passing and leaving the area of operations, to remain a safe distance from the equipment, and to contact the dredge for specific transiting information.

| LOCATION | COMPLETION DATE | DREDGE | REF | LN |
|---|------------------------|----------|----------------|-------|
| DE-SEACOAST-WHITE CREEK | UNTIL FURTHER NOTICE | | ARMY CORPS. OF | |
| ENG. | 30-97 | | | |
| DE-DELAWARE RIVER | UNTIL FURTHER NOTICE | ESSEX | | 36-97 |
| NJ-LACEY TOWNSHIP-FORKED RIVER | 22 DEC 97 | | 37-97 | |
| NJ-RARITAN BAY-NAVAL WEAPONS STATION | UNTIL FURTHER NOTICE | | | |
| VIRGINIAN | 28-97 | | | |
| MD-UPPER CHES BAY-SMITH ISLAND | UNTIL FURTHER NOTICE | | ARMY | |
| CORPS. OF ENG. | 25-97 | | | |
| VA-RUDEE INLET | UNTIL FURTHER NOTICE | RUDEE II | | 25-97 |
| VA-NORFOLK NAVAL BASE, SOUTH SIDE | 30 NOV 97 (BORING OPS) | | | |
| PRECON I | 42-97 | | | |
| VA-CHES BAY ENT-N CHAN BRIDGE TRESTLE D | UNTIL FURTHER NOTICE | | | |
| 4600 crane barge | 11-96 | | | |
| VA-LYNNHAVEN INLET, CONNECTING WATERS | 30 NOV 97 | | MARION | 42-97 |
| VA TO SC STATE LINE, AICW | UNTIL FURTHER NOTICE | | WILM DIS CORPS | |
| OF ENG. | 43-96 | | | |

NC-MOREHEAD CITY 01 MAR 98 NORTHERLY ISLAND 42-97
 NC-CAPE FEAR RIVER UNTIL FURTHER NOTICE ARLINGTON 03-97

 INFORMATION CONCERNING BRIDGES ACROSS NAVIGABLE WATERS OF THE
 FIFTH COAST GUARD DISTRICT

The following is a list of operating information for certain bridges within the Fifth Coast Guard District. Mariners are advised that the bridges may be operating on a temporary schedule, with reduced clearances, undergoing bridge repairs or under new bridge construction. Mariners are advised to proceed with caution, comply with Inland Navigation Rules at all bridges and to contact the bridge on channels 13 and 16 VHF-FM.

For more information refer to the referenced Local Notice To Mariner or contact the Bridge Administration Office of the Fifth Coast Guard District at 757-398-6222.

| BRIDGE LNM | TYPE | WATERWAY | MILE | SUBJECT |
|---|------|-------------------|-------|-------------------------------|
| Ocean Avenue Bridge 42-97 | B | Shark River Inlet | | Bridge Rehabilitation |
| Avalon Blvd/Ingrams Thorofare 14-97 | B | New Jersey ICW | 98.2 | Bridge Repairs |
| Beesly point Brigege, RT 9, NJ 27-97 | B | Great Egg Harbor | 3.5 | Bridge Repairs |
| Route 36 Highlands, NJ | B | Shrewsbury River | 1.8 | Pier Removal 09-96 |
| Route 147 B | | Grassy Sound Chl | 105.2 | New Bridge Construction 28-94 |
| Route 47 B | | Grassy Sound Chl | 108.9 | Brodge Rrehabilitation 43-97 |
| I-295 Highway | F | Crosswicks Creek | 0.0 | Bridge Construction 02-95 |
| I-95 Bridge, Christine Rvr 27-97 | B | Christine River | 9.0 | Bridge Brige Painting |
| Burlington-Bristol Bridge, NJ 41-96 | | Delaware River | 117.8 | Bridge Repair |
| Tacony-Palmyra | B | Delaware River | 107.2 | Bridge Information 14-96 |
| I-295 Highway | F | Rancocas Creek | 8.0 | Bridge Reconstruction 31-96 |
| Lovell Pt.-Sparrows Pt. I-695 Construction 09-95 | P | Bear Creek | | 1.3 Bridge |
| Draw Channel, PA, NJ Construction 06-96 | F | Delaware River | | 90.6 Bridge |
| Thomas Hatem and Millard Tydings Repairs 27-97 | | Susquahanna River | | Bridge |

| | | | | |
|--|----|---------------------------|------|---------------------------|
| Railroad Bridge 3-928R, DE Repairs 29-96 | F | Lewes-Rehobeth Canal | 2.2 | Bridge |
| Assateague Pedestrian, MD Construction 22-96 | F | Sinepuxent Bay | 3.5 | Bridge |
| Route 50 Drawbridge, MD Change 29-96 | DR | Isle of Wight Bay | 0.5 | Bridge Regulation |
| Ocean City Route 50, MD Diviation 29-96 | SW | Sinepuxent Bay | 0.5 | Bridge Opening |
| Trippe Creek, MD | | Trippe Creek | | Bridge Construction 37-97 |
| Thomas J. Hatem, MD 19-97 | F | Susquahanna River | | Bridge Repairs |
| Millard E. Tydings, MD 19-97 | F | Susquahanna River | | Bridge Repairs |
| Central Light RailRoad, MD Construction 21-96 | F | Patapsco River | 13.9 | Bridge |
| Curtis Creek, MD | | Curtis Creek | 1.0 | Bridge Repairs 25-97 |
| Main Street 49-95 | DR | Wicomico River | 22.4 | Fender Repair |
| U.S. 50 49-95 | DR | Wicomico River | 22.4 | Fender Repair |
| Lord Delaware Bridge, West Pt Laying/Dredging 45-96 | F | York - Mattaponi Rivers | 0.8 | Cable |
| Chincoteague Is. Queens Sound Construction 13-97 | F | Chincoteague Island | | Bridge |
| Chesapeake Bay Bridge Tunnel Construction 43-96 | F | Ches Bay Ent-North Chan | | Bridge |
| Fisherman's Inlet Bridge Construction 33-96 | F | Ches Bay Ent-Cape Charles | | Bridge |
| Hampton Rds Brdg Tnl I-664 Construction 07-96 | F | Hampton Roads | 0.0 | Bridge |
| Fishermans Inlet, VA Construction 01-95 | | Fisherman's Inlet | 0.0 | New Bridge |
| Nottoway River, Franklin VA 15-97 | F | Nottoway River | 2.8 | Bridge Painting |
| Dismal Swamp Canal, VA Information 29-97 | F | Dismal Swamp Canal | | Lock |
| I-64 High Rise Br-AICW 33-97 | DR | Elizabeth R, S Br. | 7.1 | Bridge Information |
| U.S. 13-158 F | | Chowan River | | Bridge Repair 34-96 |
| Route 10, Hopewell, VA 27-96 | F | Appomattox River | | Bridge Construction |
| Croatan Sound Dare County Testing 13-96 | | Croatan Sound | | Bridge |
| Croatan Sound | | Croatan Sound | | Bridge Construction 43-97 |

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|--|---------------------|-------|---------------------------|
| Albemarle Sound-Chowan River Construction 19-96 | Chowan River | 2.0 | Bridge |
| Nuese River 13-96 | Neuse River | | Bridge Construction |
| Onslow Beach, Camp Lejune Painting 23-97 | Onslow Beach(AICWW) | 240.7 | Bridge |
| Nuese River 19-97 | Neuse River | | Bridge Construction |
| Hobucken-AICW F AICW | | | Bridge Construction 25-96 |
| Morehead-Beaufort Bridge 12-96 | F AICW | | Bridge Information |

KEY: F=Fixed, DR=Draw, RIV=River, CH=Channel, HBR=Harbor, AICWW=Atlantic Intracoastal Waterway, B=Bascule,

E=East(Eastern), W=West(Western), S=South(Southern),N=North(Northern), SW=Swing Bridge, SYS=System, RR=Railroad,

Sked=Schedule, Constr=Construction, Rest=Restricted, SR=State Route, RSP=Removable Span, VL=Vertical Lift

SUMMARY OF GENERAL ARTICLES IN EFFECT FOR THE WATERS OF THE FIFTH COAST GUARD DISTRICT

The following is a list of general information articles still in effect for the Fifth Coast Guard District. Information Articles will be published once upon receipt and again in LNM 01 of each year. To obtain the article refer to LNM 01 of this year or the original article referenced in the LNM column.

| LOCATION LNM | OPERATION | CHART(S) |
|--|-----------|----------|
| PA-NJ-DE- DELAWARE RIVER BRIDGESBURG CHANNEL 12311, 12312 17/97 | | HAZNAV |
| PA-DELAWARE RIVER-NESHAMINY CREEK 34/96 | HAZNAV | 12314 |
| PA-SCHUYLKILL RIVER AND BAY 12313 34/96 | HAZNAV | 12312, |

| | | |
|--|--------------------|-------------|
| NJ-DE-DELAWARE RIVER-DELAWARE BAY 16/96 | MISSING BARGE | 12211 |
| NJ-SEACOAST-SEA GIRT TO LITTLE EGG INLET | HAZAV 12324 | 37/97 |
| NJ-SEACOAST-OCEAN CITY BEACH RE-NOURSHIMENT | 12311 | 34/97 |
| NJ-SHARK RIVER HAZNAV 12311 | 12/97 | |
| NJ-WATSON CREEK-STOCKTON LAKE 12234 23/97 | CABLE INSTALLATION | |
| NJ-GREAT EGG HARBOR INLET 19/96 | SHOALING | 12318 |
| NJ-MANASQUAN TO ATLANTIC CITY ICW 29/96 | SHOALING | 12316 |
| NJ-GREAT EGG RIVER HAZNAV | 12318 | 20/97 |
| NJ-GREAT EGG HARBOR INLET 23/96 | OIL BOOM | 12318 |
| NJ-MAURICE RIVER HAZNAV | 12304 41/96 | |
| NJ-MAURICE RIVER HAZNAV | 12304 38/96 | |
| NJ-MAURICE RIVER HAZNAV | 12304 40/96 | |
| NJ-ICW-SEA GIRT TO LITTLE EGG INLET 12316, 12318, 12323 05/96 | HAZNAV | |
| NJ-GREAT EGG HARBOR 12318 24/96 | HAZNAV | 12316, |
| NJ-CAPE MAY INLET EAST JETTY 12317, 12318 34/96 | HAZNAV | 12214, |
| NJ-CAPE MAY HARBOR 12318 25/96 | HAZNAV | 12316, |
| NJ-BROAD THOROFARE CHANNEL 25/96 | SHOALING | 12318 |
| NJ-GREAT EGG INLET | SHOALING | 12318 05/96 |
| NJ-SEACOAST-OCEAN CITY | HAZNAV | 12318 05/96 |
| NJ-ICW-LITTLE EGG HARBOR | SHOALING | 12216 21/96 |
| NJ-CAPE MAY HARBOR HAZNAV | | 12216 21/96 |
| NJ-ICW SHOALING | 12216 23/96 | |
| NJ-DE-DELAWARE BAY (WEST SIDE) 20/97 | HAZNAV | 12304 |
| NJ-DE-REHOBOTH BAY | SHOALING | 12216 19/96 |
| NJ-DE-DEL RIV-C&D CANAL 18/96 | DOLPHIN REPAIR | 12277 |
| DE-INDIAN RIVER INLET | SHOALING | 12216 19/96 |
| DE-DELARE RIVER-REEDY IS RANGE 20/96 | HAZNAV | 12211 |
| DE-MAURICE RIVER HAZNAV | 12304 21/96 | |
| MD-SEACOAST-OCEAN CITY INLET CONSTRUCTION | | 12211 19/97 |
| MD-UPPER CHES BAY-ELK RIVER-BOHEMIA RIVER 12273 19/96 | HAZNAV | |
| MD-UPPER CHES BAY-TURKEY POINT | HAZNAV | 12273 23/96 |

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|--|--------------------|--------------|-------|
| MD-UPPER CHES BAY-NORTHEAST RIVER | HAZNAV | 12273 | 39/96 |
| MD-UPPER CHES BAY-GUNPOWDER RIVER | HAZNAV | 12274 | |
| 27/96 | | | |
| MD-UPPER CHES BAY-GUNPOWDER RIVER | HAZNAV | 12274 | |
| 42/96 | | | |
| MD-UPPER CHES BAY | HAZNAV | 12272, 12273 | 24/96 |
| MD-UPPER CHES BAY-RHODE/WEST | HAZNAV | 12270 | 37/96 |
| MD-TANGIER SOUND TEDIOUS CREEK | JETTY CONSTRUCTION | 12261 | |
| 42/96 | | | |
| MD-CHESAPEAKE BAY-BUSH AND GUNPOWDER RIVER | HAZNAV | | |
| 12278 | | | 11/96 |
| MD-CHESAPEAKE BAY-SEVERN RIVER-ANNAPOLIS HBR | HAZNAV | | |
| 12282, 12283 | | | 11/96 |
| MD-CHESAPEAKE BAY-HONGA RIVER-TAR BAY | HAZNAV | | |
| 12230, 12261 | | | 51/95 |
| MD-ROCK HALL HARBOR | SHOALING | 12278 | 34/96 |
| MD-SINEPUXENT BAY | SHOALING | 12211 | 12/96 |
| MD-UPPER CHES BAY-UPPER CHES CH | HAZNAV | 12273 | |
| 10/96 | | | |
| MD-UPPER CHES BAY-BAY BRIDGE TO C&D CANAL | HAZNAV | | |
| 12273, 12274, 12277 | | | 06/96 |
| VA-SEACOAST-GREAT MACHIPONGO INLET | SHOALING | | |
| 12210 | | | 29/96 |
| VA-SEACOAST-BLACKFISH BANK | HAZNAV | 12210 | |
| 27/96 | | | |
| VA-SEACOAST-VIP | SHOALING | 12210 | 43/96 |
| VA-SEACOAST-VIP | SHOALING | 12210 | 20/97 |
| VA-SEACOAST-VIP | SHOALING | 12210 | 20/97 |
| VA-QUINBY INLET | SHOALING | 12210 | 20/97 |
| VA-SEACOAST-RAPPAHANNOCK RIVER | SHOALING | 12237 | 43/96 |
| VA-SEACOAST-RAPPAHANNOCK RIVER | SHOALING | 12237 | 43/96 |
| VA-SEACOAST-CHINCOTEAGUE CHANNEL | SHOALING | 12211 | 16/97 |
| VA-SEACOAST-CHINCOTEAGUE CHANNEL | SHOALING | 12211 | 19/97 |
| VA-SEACOAST-CHINCOTEAGUE CHANNEL | SHOALING | 12211 | 24/97 |
| VA-SEACOAST-WACHAPREAGUE CHANNEL-FINNEY CK | HAZNAV | | |
| 12210 | | | 41/96 |
| VA-RUDEE INLET | WALL CONSTRUCTION | 12205 | |
| 52/96 | | | |
| VA-RUDEE INLET | SHOALING | 12205 | 23/97 |
| VA-DISMAL SWAMP CANAL | LOCK INFO | 12206 | 41/97 |
| VA-HAMPTON ROADS AND VICINTIY OF FORT WOOL | HAZNAV | | |
| 12222, 12245 | | | 18/97 |
| VA-CHES BAY ENTRANCE | HAZNAV | 12253 | |
| 08/96 | | | |

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|---|--------------------|-------------|-------|
| VA-CHES BAY-BELLS CREEK 38/96 | HAZNAV | | 12235 |
| VA-CHES BAY-LYNNHAVEN INLET 33/96 | HAZNAV | | 12254 |
| VA-CHES BAY-LYNNHAVEN RIVER 33/96 | HAZNAV | | 12254 |
| VA-CHES BAY-WILLOUGHBY BAY 12221, 12222, 12245 06/96 | HAZNAV | | |
| VA-CHES BAY-KIPTOPEKE BEACH 43/96 | HAZNAV | | 12222 |
| VA-CHES BAY-YORK RIVER 06/96 | HAZNAV | | 12241 |
| VA-CHES BAY BRIDGE TUNNEL NO WAKE ZONE | | 12222 | 31/97 |
| VA-CHES BAY-ENTRANCE-NORTH CHANNEL CONSTRUCTION 12222 05/97 | | BRIDGE | |
| VA-CHES BAY-JAMES RIVER 31/96 | HAZNAV | | 12251 |
| VA-CHES BAY-LONG CREEK-BUBBA MARINIA 14/97 | HAZNAV | | 12254 |
| VA-HAMPTON ROADS-VICINTIY OF FORT WOOL 12222, 12245 17/97 | HAZNAV | | |
| VA-JAMES RIVER-NEWPORT NEWS MARINE TERM PIER PIER CONSTRUCTION 12245 13/97 | | | |
| VA-JAMES RIVER-CHUCKATAUCK CREEK 24/97 | HAZNAV | | 12248 |
| VA-CHES BAY-JAMES RIVER 06/96 | HAZNAV | | 12248 |
| VA-NEWPORT NEWS HAZNAV | | 12248 15/97 | |
| VA-CHES BAY-CRANEY ISLAND 41/96 | WHARF CONSTRUCTION | | 12245 |
| VA-CHES BAY-ELIZABETH RIVER 28/97 | HAZNAV | | 12326 |
| VA-CHES BAY-FISHERMANS IN., N. BAY BRIDGE 12222, 12254 27/96 | HAZNAV | | |
| VA-CHES BAY-NANDUA CREEK 23/96 | SHOALING | | 12226 |
| VA-CHES BAY-LONG CREEK HAZNAV | | 12254 | 14/97 |
| VA-CHES BAY-QUEENS CREEK SHOALING | | 12235 | 30/97 |
| VA-NORFOLK HARBOR-LONG CREEK CHANNEL 12253 20/96 | SHOALING | | |
| VA-NORFOLK HARBOR REACH 24/96 | HAZNAV | | 12245 |
| VA-CHES BAY-MOBJACK BAY 19/96 | HAZNAV | | 12238 |

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|---|------------------------------|--------------|-------------|
| VA-CHES BAY-MOBJACK BAY 27/96 | HAZNAV | 12238 | |
| VA-ICW-WEST NECK CREEK | HAZNAV | 12206 | 10/96 |
| VA-NC-SEACOAST | RESEARCH EXERCISE | 12207 | 16/97 |
| NC-SEACOAST | ATON-HAZNAV | 11520, 11009 | 38/96 |
| NC-APPROACHES TO CAPE FEAR RIVER 11520, 11534, 11536, 12/96 | HYDROGRAPHIC SURVEY 15/97 | | |
| NC-ICW-ALLIGATOR RIVER 12/96 | HAZNAV | 11553 | |
| NC-AICW-CORE CREEK | HAZNAV | 11541 | 43/96 |
| NC-AICW-CORE CREEK | SHOALING | 11541 | 23/97 |
| NC-NEW RIVER-SNOW CUT CHNL 39/96 | SHOALING | | 11554 |
| NC-ICW-NEW RIVER TO BEAUFORT INLET 38/96 | HAZNAV | | 11541 |
| NC-ALBEMARLE SOUND-PASQUOTANKE RIVER 41/96 | HAZNAV | | 12206 |
| NC-PAMLICO SOUND/NEUSE RIVER 41/96 | HAZNAV | 11541, 11544 | |
| NC-OREGON INLET | SHOALING | 12204 | 31/97 |
| NC-OREGON INLET-WALTER SLOUGH 19/96 | SHOALING | | 12205 |
| NC-HATTERAS INLET 06/97 | SHOALING | | 11555 |
| NC-HATTERAS INLET 19/96 | SHOALING | | 11555 |
| NC-HATTERAS INLET 05/96 | HAZNAV | | 11555 |
| NC-NEUSE RIVER-WRIGHTSVILLE CHANNEL 11541 06/97 | | SHOALING | |
| NC-HATTERAS INLET-ROLLINSON CHANNEL 11555 19/96 | | SHOALING | |
| NC-OCRACOKE INLET-TEACHES HOLE CHANNEL 11550 19/96 | | SHOALING | |
| NC-TEACHES HOLE CHANNEL | SHOALING | 11550 | 15/97 |
| NC-ALBEMARLE SOUND-AICW 12205 07/96 | HAZNAV | | 11553, |
| NC-ALBEMARLE SOUND-AICW 12205 07/96 | HAZNAV | | 11553, |
| NC-ALBEMARLE SOUND-ICW | HAZNAV | | 12206 23/97 |
| NC-ALBEMARLE SOUND- | HAZNAV | | 12206 15/96 |
| NC-ALBEMARLE SOUND-ROANOKE RIVER 05/96 | HAZNAV | | 12205 |
| NC-OREGON INLET-DARE COUNTY 12204, 12205 10/96 | HAZNAV | | |

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|--|--------|----------|----------|-------|----------------------|
| NC-OREGON INLET | | SHOALING | | 12204 | 27/97 |
| NC-AICW-CORE CREEK | | SHOALING | | 11542 | 10/97 |
| NC-AICW-NEW RIVER | | SHOALING | | 11542 | 11/97 |
| NC-NEUSE RIVER-ORIENTAL HARBOR | | | HAZNAV | | 11542 |
| 25/96 | | | | | |
| NC-MASONBORO INLET-WRIGHTSVILLE BEACH | | | | | JETTY REHABILITATION |
| 11541 | | | | | 21/96 |
| NC-ALLIGATOR RIVER-AICW | | | HAZNAV | | 11541 09/96 |
| NC-NEW RIVER/CAPE FEAR RIVER | | | SHOALING | | 11541 |
| 37/96 | | | | | |
| NC-OLD ROLLINGSON CHANNEL | | | HAZNAV | | 11555 |
| 38/97 | | | | | |
| NC-HATTERAS INLET | | SHOALING | | | 11555 12/96 |
| NC-PUNGO RIVER-TOOLLEY CREEK | | | HAZNAV | | 11548 |
| 14/97 | | | | | |
| NC-PAMLICO SOUND | | | HAZNAV | | 11548 28/97 |
| NC-PAMLICO RIVER | | | HAZNAV | | 11554 23/96 |
| NC-BARDEN INLET | | SHOALING | | | 11550 15/96 |
| NC-DRUM INLET | | SHOALING | | | 11550 38/97 |
| NC-DRUM INLET | | SHOALING | | | 11550 32/97 |
| NC-OCRACOCK INLET | | SHOALING | | | 11550 05/96 |
| NC-OCRACOCK INLET-TEACHES HOLE CHANNEL | | SHOALING | | | 11550 |
| 16/96 | | | | | |
| NC-CORE CREEK | | | HAZNAV | | 11541 23/97 |
| NC-BOGUE INLET | | SHOALING | | | 11541 32/96 |
| NC-BOGUE INLET | | SHOALING | | | 11541 26/96 |
| NC-MASONBORO INLET | | SHOALING | | | 11541 52/96 |
| NC-BEAUFORT INLET | | SHOALING | | | 11545 25/97 |
| NC-MOREHEAD CITY CHANNEL | | | HAZNAV | | 11545 41/97 |
| NC-NEW TOPSAIL INLET | | SHOALING | | | 11541 26/96 |
| NC-OLD TOPSAIL INLET | | SHOALING | | | 11541 03/97 |
| NC-SHALLOTTE INLET | | SHOALING | | | 11534 26/96 |
| NC-SHALLOTTE INLET | | SHOALING | | | 11534 52/96 |
| NC-CAPE FEAR RIVER-LITTLE RIVER | | SHOALING | | | 11534 19/97 |
| NC-CAPE FEAR RIVER/LITTLE RIVER | | SHOALING | | | 11534 |
| 43/96 | | | | | |
| NC-NEUSE RIVER | | SHOALING | | 11552 | 19/97 |
| NC-TAR RIVER | HAZNAV | | 11554 | | 34/97 |
| NC-TAR RIVER | BARGES | | 11554 | | 15/97 |

ARTICLES

NJ - DE - SEACOAST - Sonobuoy Operations

Mariners are advised that sonobuoy operations will be conducted during daylight hours in the area bounded by the following points:

38°36'00"N 075°00'00"W
38°45'00"N 074°53'00"W
38°45'00"N 074°20'00"W
38°00'00"N 073°05'00"W
38°00'00"N 075°11'00"W

These operations involve aircraft dropping objects at low altitudes. Mariners should exercise extreme caution when transiting the area.

Chart: 12200, 12214 LNM 21 (CG5) 23 MAY 1995

NJ - DELAWARE RIVER - Bridge Info

Mariners are advised that the Tacony Palmyra Bascule Bridge crossing the Delaware River, Mile 107.2 in Burlington, NJ will be partially blocked under the non navigation channel spans starting 7:00 AM November 10, 1997 through 7:00 PM December 15, 1997, the main channel will be open at all times. Vessels able to pass the bridge in the closed position may do so, but should use extreme caution.

Chart: 12314 LNM 44 (CG5) 31 OCT 1997

MD - UPPER CHESAPEAKE BAY - GROVE PT TO POOLES ISLAND - Dredging Ops

The dredge R. S. WEEKS AND DREDGE 550 are conducting dredging operations from Elk River Channel Buoys 2 and 3 to Upper Chesapeake Channel Buoys 35 and 36. The work will continue until December 31, 1997. Operations will be conducted 24 hours a day, 7 days a week. All mariner are requested to stay clear of the Dredge, pipelines, barge, derricks and operating wires about the Dredge. All operators should be aware that the Dredge and pontoon lines are held in place by cables which are attached to anchors so that they may be moved as the Dredge moves. Submerged lines should be avoided. The dredge operator will standby on channels 13 and 16 VHF-FM. Mariners are urged to transit the area with extreme caution.

MD - SUSQUAHANNA RIVER - THOMAS J. HATEM AND MILLARD E. TYDINGS BRIDGES - Bridge Information

The Maryland Diving Service shall be making repairs to the existing piers at the Thomas J. Hatem and Millard E. Tydings Bridges over the Susquahanna River until December 1, 1997. Work Boats and a 40' X 60' Barge will be anchored adjacent to piers. Divers will be in the water. Hours of Operation will be from Dawn to Dusk, 7 days a week.

Chart: 12285, 12289 LNM 19 (CG5) 13 MAY 1997

VA - SEACOAST/THIMBLE SHOAL CHANNEL - Low Altitude Helicopter Operations:

Mariners are advised that helicopter mine countermeasures (AMCM) operations will be conducted during daylight hours in the area bounded by the following points:

| SEACOAST | THIMBLE SHOAL CHNL |
|-----------------------|-----------------------|
| 37-00-00"N 75-55-00"W | 37-00-27"N 76-12-46"W |
| 37-30-00"N 75-34-00"W | 37-01-23"N 76-12-24"W |
| 37-30-00"N 75-30-00"W | 37-00-09"N 76-07-38"W |
| 37-00-00"N 75-30-00"W | 36-59-12"N 76-08-01"W |

36-55-00"N 75-55-00"W
36-55-00"N 75-30-00"W
36-30-00"N 75-30-00"W
36-30-00"N 75-47-00"W

| CHESAPEAKE ENT | SMITH ISLAND SHOAL |
|-----------------------|-----------------------|
| 36-54-51"N 75-47-17"W | 37-06-42"N 75-44-54"W |
| 36-52-09"N 75-43-39"W | 37-04-42"N 75-38-36"W |
| 36-54-09"N 75-48-07"W | 37-03-43"N 75-44-54"W |
| 36-51-26"N 75-44-30"W | 37-02-43"N 75-38-36"W |

| | |
|-----------------------|-----------------------|
| 36-58-24"N 75-44-24"W | 37-03-42"N 75-44-54"W |
| 36-59-01"N 75-43-26"W | 37-03-42"N 75-38-36"W |
| 36-53-09"N 75-36-36"W | 37-01-43"N 75-44-54"W |
| 36-52-23"N 75-37-34"W | 37-01-43"N 75-38-36"W |

| | |
|-----------------------|-----------------------|
| 36-57-15"N 75-45-31"W | 37-05-24"N 75-42-14"W |
| 36-56-45"N 75-44-28"W | 37-05-24"N 75-39-46"W |
| 36-52-03"N 75-49-17"W | 37-01-30"N 75-42-14"W |
| 36-51-26"N 75-48-12"W | 37-01-30"N 75-39-46"W |

36-52-59"N 75-50-12"W
36-52-28"N 75-49-09"W
36-55-00"N 75-47-10"W
36-55-32"N 75-48-13"W

These operations involve large naval helicopters at flight altitudes of 100 feet or less, towing surface and sub-surface devices at speeds up to 25 knots. Helicopters may be identified by a rotating amber position light on centerline of main hull flashing 90 times per minute. An area of hurricane-force winds exists within a 250-foot radius around these helicopters, sufficient to blow people and objects from exposed decks and capsize small craft. The towed devices may be completely invisible and include large cables on or just below the surface streaming up to 1200 feet behind the aircraft. AMCM helicopters will transit to and from the area described above in the following manner: Outboard from the seaplane ramp at the Norfolk Naval Air Station across

Willoughby Bay to the main shipping channel, then easterly along the main channel to Buoy 21. From Buoy 21 either East, SE or SSE to the operating area. The return flight will follow the same path as the outbound flight. To minimize the potential for mishap, vessels are requested to remain well clear of these danger zones when AMCM operations are encountered.

Chart: 12200, 12205, 12221, 12222, 12254 LNM 21 (CG5) 23 MAY

VA - CHESAPEAKE BAY BRIDGE TUNNEL - NO WAKE ZONE

Due to the construction on the Chesapeake Bay Bridge Tunnel there is a Wake Restriction around the Tunnel. All mariners are urged to slow down. There are people on barges and divers in the water. Severe injury or death could occur if ships ignore this NO WAKE AREA around the bridge.

Chart: 12222 LNM 31 (CG5) 05 AUG 1997

VA - CHESAPEAKE BAY BRIDGE TUNNEL - Hazards to Navigation Update
September 16, 1997.

Marine construction activities continue on the Chesapeake Bay Bridge Tunnel. The structure and equipment could present hazards to navigation. Mariners should avoid the construction zone. Extreme caution should be used when transiting the area. The contractor maintains a radio watch on VHF-FM 16 & 67. Equipment is secured by a six point anchoring system. Anchor cable could extend up to 2000 feet in all directions from the equipment. This could include extension to opposite side of the bridge.

In addition to the above, the contractor has placed temporary mooring buoys at the following locations:

37°00.94'N 076°03.55'W 37°06.29'N 076°04.93'W
37°07.90'N 076°04.00'W

Mooring buoys are affixed with slow flashing 360° white lights. There are three mooring piles positioned west of Trestle "A" and showing a flashing yellow light. The approximate position is:

36°55.54'N 076°07.29'W

The mooring piles in the proximity to North Channel have been removed.

Beginning in September 1997 and continuing until January 1998 the contractor will be installing a fender system in the North Channel of the Chesapeake Bay Bridge Tunnel (37°05.5'N 075°59.5'W). At times work will be conducted in the channel. Mariners are asked to use extreme caution when transiting the channel and to observe a "NO WAKE ZONE".

Chart: 12222 LNM 37 (CG5) 09 SEP 1997

VA - RUDEE INLET - Shoaling and Dredging

The City of Virginia Beach reports that Rudee Inlet has been dredged to a depth of 10 feet MLW based on soundings completed by the City of Virginia Beach. The RUDEE II is presently on location from 7AM to 2AM (two shifts) Monday through Thursday. Mariners are urged to transit the area with caution and stay clear of the Dredge, Barges and Assist vessels. The Dredge will be standing by on VHF-FM channel 16.

Chart: 12205 LNM 40 (CG5) 07 OCT 1997

VA - NORFOLK HARBOR - ELIZABETH RIVER - Dredging

The dredge VIRGINIAN has commenced dredging operations at the Dominion Terminal Association's Newport News Pier until approximately November 05, 1997. The project will then move to Norfolk International Terminal for approximately four days. Operations will be conducted 24 hours a day, 7 days a week. All mariners are requested to stay clear of the Dredge, pipelines, barge, derricks and operating wires about the Dredge. All operators should be aware that the Dredge and pontoon lines are held in place by cables which are attached to anchors so that they may be moved as the Dredge moves. Submerged lines should be avoided. The dredge operator will standby on channels 13 and 16 VHF-FM. Traffic should call 30 minutes prior to expected time of passage. Owners and leasees of fishnets, crabpots and other structures which may hinder navigation should remove these from the area where tugs, tenderboats and other attendant equipment will be navigating. Since the project will be conducted 24 hours a day, 7 days a week, all fishnets, and structures remaining in the area must be marked with clearly visible buoys and lights. Mariners are urged to transit the area with extreme caution.

Chart: 12245 LNM 46 (CG5) 12 NOV 1996

VA - NORFOLK HARBOR - ELIZABETH RIVER - Dredging

The dredge VIRGINIAN will commence dredging operations on the Elizabeth River, Southern Branch on or about November 09, 1997. The project will include dredging from Paradise Creek to Lambert Bend and is expected to continue until approximately December 5, 1997. Operations will be conducted 24 hours a day, 7 days a week. All mariners are requested to stay clear of the Dredge, pipelines, barge, derricks and operating wires about the Dredge. All operators should be aware that the Dredge and pontoon lines are held in place by cables which are attached to anchors so that they may be moved as the Dredge moves. Submerged lines should be avoided. The dredge operator will standby on channels 13 and 16 VHF-FM. Traffic should call 30 minutes prior to expected time of passage. Owners and lessees of fishnets, crabpots and other structures which may hinder navigation should remove these from the area where tugs, tenderboats and other attendant equipment will be navigating. Since the project will be conducted 24 hours a day, 7 days a week, all fishnets, and structures remaining in the area must be marked with clearly visible buoys and lights. Mariners are urged to transit the area with extreme caution.

Chart: 12245 LNM 46 (CG5) 12 NOV 1996

VA - DISMAL SWAMP CANAL - Lock Info

The Locks at Deep Creek, VA and South Mills, NC will be reducing operations hours from four per day to two per day. Hours of Operation are at 9 AM to 3 PM, 7 days a week. Drawbridges adjacent to these locations will be operated in coordination with the locks. The restrictions are expected to be temporary until sufficient rain falls in the Lake Drummond Watershed to recharge the swamp. Mariners are urged to use extreme caution while transiting this area.

Chart: 12206 LNM 29 (CG5) 22 JUL 1997

NC - SEACOAST - MONITOR NATIONAL MARINE SANCTUARY - Diving Operations

The Cambrian Foundation will be conducting research dives at the Monitor National Marine Sanctuary beginning November 6, 1997 till November 10, 1997. All mariners are urged to transit the area with caution. For further information contact Michael P. Armstrong (407) 658-2271.

Chart: 11537 LNM 44 (CG5) 31 OCT 1997

NC - NEW RIVER - Firing exercises

The Commanding General, Marine Corps Base, Camp Lejeune, North Carolina, has advised that the area in the Atlantic Ocean between a point approximately 4.5 miles east of Bogue Inlet to a point approximately 10.0 miles southwest of New River Inlet, North Carolina, within the existing danger zone (depicted as 334.440) as shown on National Ocean Service Chart 11543, will be hazardous to navigation because of field firing exercises during the following periods:

NONE FOR THE PERIOD 10 - 16 NOV 97.

Firing to 3 miles seaward.

All navigation is urged to avoid the above area during the periods stated except for the Atlantic Intracoastal Waterway where mariners traveling through this area can expect a delay of about one hour during the above times. Range Control Boats, Marine Corps Base Camp Lejeune, North Carolina monitor Channel 16 VHF-FM (156.8 MHz) and the working Channel 82 VHF-FM (161.725 MHz). The restricted areas in New River, as shown on National Ocean Service Chart 11542, will be closed to navigation because of firing exercises during the following periods:

| | | |
|---------------------|--------------------------|-----------------|
| Jacksonville Sector | Sunrise to Sunset daily, | 10 - 16 OCT 97. |
| Farnell Bay Sector | Sunrise to Sunset daily, | 10 - 16 OCT 97. |
| Traps Bay Sector | Sunrise to Sunset daily, | 10 - 16 OCT 97. |
| Stone Bay Sector | 12:01 AM to Midnight, | 10 - 16 OCT 97. |
| Stone Creek Sector | 12:01 AM to Midnight, | 10 - 16 OCT 97. |
| Grey Point Sector | 12:01 AM to Midnight, | 10 - 16 OCT 97. |

| | | | | | | | |
|------|---------------------------|---------|-----------|----|---|-------------------|--|
| | Obstruction Daybeacon SW | 76 13.7 | | | | | |
| | SUBMERGED WRECK. | | | | | | |
| | • 44/97 | | | | | | |
| | 32470 LOWER MIDDLE GROUND | 35 14.0 | FI W 2.5s | 40 | 6 | | |
| | NB on skeleton Ra ref | | | | | | |
| | LIGHT LM 76 13.5 | | | | | tower on pile | |
| | • structure. 44/97 | | | | | | |
| | 34320 HARBOR ISLAND | 35 00.5 | FI W 6s | 15 | 5 | On multiple | |
| pile | | | | | | | |
| | WARNING LIGHT 76 13.3 | | | | | structure. | |
| | • 44/97 | | | | | | |
| | 34850 - Daybeacon 1 | | | | | Remove from list | |
| | • 44/97 | | | | | | |
| | 38905 - LIGHT 17 | 34 43.5 | FI G 2.5s | 15 | 4 | SG-SY on dolphin. | |
| | | | | | | | |
| | 76 51.8 | | | | | | |
| | • 44/97 | | | | | | |
| | 38925 - LIGHT 21 | 34 43.1 | FI G 4s | 15 | 4 | SG-I on pile. | |
| | | | | | | | |
| | 76 53.9 | | | | | | |
| | • 44/97 | | | | | | |
| | 38985 - LIGHT 33 | 34 41.9 | FI G 2.5s | 15 | 4 | SG-I on pile. | |
| | | | | | | | |
| | 76 59.2 | | | | | | |
| | • 44/97 | | | | | | |
| | 39025 - LIGHT 41 | 34 40.6 | Q G | 15 | 4 | SG-SY on dolphin. | |
| | | | | | | | |
| | 77 02.2 | | | | | | |
| | • 44/97 | | | | | | |

R. T. RUFÉ, JR.

VICE ADMIRAL, U. S. COAST GUARD

X ENCLOSURES

1. Tabulation of controlling depths for charts 12313, 12314.
2. Loranc C Study Survey form.
3. Corrections for U.S. Coast Pilot 4, Atlantic Coast, Change 12.
4. Corrections for U.S. Coast Pilot 4, Atlantic Coast, Change 13.
5. 1997 Public Boating Courses.
6. Cost of Non-Compliance.